

***SGLI* レベル1 プロダクト フォーマット説明書**

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SGLI レベル 1 プロダクトフォーマット説明書
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NC	2018 年 10 月	—	初版発行
A	2020 年 3 月	MOS-N-UN-18-312 (MOS-N-UN-19-021) 、 MOS-N-UN-19-065 対応 (ECO-S02011-19043)	
		別紙 GeoTIFF フォーマット一覧	項目タイトルの修正 L1→ L1 (シーン) L2(EQA タイル)/L3(EQA タイル/全球)→ L2(EQA タイル) L3 (EQR) /L3 (PS) → L3 (EQR)
			No.7 ImageLength イメージ長 L1 (シーン) 源泉： L1A : HDF5、Raw_data、源泉画像データセットの次元数 L1B : HDF5、Image_data、源泉画像データセットの次元数 ↓ EQR 投影した領域のライン数
			No.8 ImageWidth イメージ幅 L1 (シーン) 源泉： L1A : HDF5、Raw_data、源泉画像データセットの次元数 L1B : HDF5、Image_data、源泉画像データセットの次元数 ↓ EQR 投影した領域のライン数
			No.14 SampleFormat データ種別 L1 (シーン) 、 L2 (シーン) 、 L2 (EQA タイル) 、 L3 (EQR) 値 : 2→1
			No.17 RowsPerStrip ストリップあたりのライン数 項目追加、移行番号繰り下がり
			No.23 ModelTiepointTag タイポイント L1 (シーン) 値(フォーマット) : 出力バンドの緯度経度グリッド間隔ごと画素のタイポイントのうち、タイポイントの最大出力数で間引きしたタイポイント ↓ EQR 投影した領域の左上 1 点のタイポイント
			No.23 ModelTiepointTag タイポイント L1 (シーン) 源泉： L1A : HDF5、Geometry_data、Latitude_*、Longitude_* L1B : HDF5、Geometry_data、Latitude、Longitude ↓ EQR 投影した領域の左上の緯度・経度
			No.23 ModelTiepointTag タイポイント L2 (シーン) 値(フォーマット) : 出力バンドの緯度経度グリッド間隔ごと画素のタイポイントのうち、タイポイントの最大出力数で間引きしたタイポイント ↓ EQR 投影した領域の左上 1 点のタイポイント

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A	2020 年 3 月		No.23 ModelTiepointTag タイポイント L2 (シーン) 源泉： HDF5、Geometry_data、Latitude、Longitude ↓ EQR 投影した領域の左上の緯度・経度
			No.23 ModelTiepointTag タイポイント L2 (EQA タイル) 源泉： HDF5、Geometry_data、Upper_left_latitude など ↓ EQR 投影した領域の左上の緯度・経度
			No.23 ModelTiepointTag タイポイント L3 (EQR) 値(フォーマット)： 画像 4 隅のタイポイント ↓ EQR 投影した領域の左上 1 点のタイポイント
			No.23 ModelTiepointTag タイポイント L3 (EQR) 源泉： HDF5、Geometry_data、Upper_left_latitude など ↓ EQR 投影した領域の左上の緯度・経度
			No.24 ModelPixelScaleTag ピクセルスケール 項目追加、移行番号繰り下がり
			No.26 GTModelTypeGeoKey 地理座標情報種別 L2 (EQA タイル) 値(フォーマット)：2→1
			No.27 GTRasterTypeGeoKey ラスター種別 L2 (EQA タイル) 値(フォーマット)：2→1
			No.29 GeogGeodeticDatumGeoKey 測地座標系 項目追加、移行番号繰り下がり
			No.30 GeogPrimeMeridianGeoKey 本初子午線 項目追加、移行番号繰り下がり
			No.31 GeogAngularUnitsGeoKey 角度単位 項目追加、移行番号繰り下がり
			No.32 GeographicTypeGeoKey 地理座標系種別 L2 (EQA タイル) 格納：○→×
			No.33 GeogCitationGeoKey 地理座標系引用 L2 (EQA タイル) 格納：○→×
	No.34 ProjectedCSTypeGeoKey 投影座標コード L1 (シーン) 格納：○→× 値：32767→なし 源泉：固定値→なし		

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A	2020 年 3 月		No.34 ProjectedCSTypeGeoKey 投影座標コード L2 (EQA タイル) 格納：×→○ 値：なし→32767 源泉：なし→固定値
			No.35 PCSCitationGeoKey 投影引用 L1 (シーン) 格納：△→× 値：GCOM-C→なし 源泉：固定値→なし
			No.35 PCSCitationGeoKey 投影引用 L2 (EQA タイル) 格納：×→○ 値：なし→"Sphere_Sinusoidal" 源泉：なし→固定値
			No.36 ProjectionGeoKey 投影方式 L1 (シーン) 格納：○→× 値：32767→なし 源泉：固定値→なし
			No.36 ProjectionGeoKey 投影方式 L2 (EQA タイル) 格納：×→○ 値：なし→32767 源泉：なし→固定値
			No.37 ProjCoordTransGeoKey 座標変換方法 L1 (シーン) 格納：○→× 値：32767→なし 源泉：固定値→なし
			No.37 ProjCoordTransGeoKey 座標変換方法 L2 (EQA タイル) 格納：×→○ 値：なし→24 源泉：なし→固定値
			No.38 ProjLinearUnitsGeoKey 線形単位 L1 (シーン) 格納：○→× 値：9001→なし 源泉：固定値→なし
			No.38 ProjLinearUnitsGeoKey 線形単位 L2 (EQA タイル) 格納：×→○ 値：なし→9001 源泉：なし→固定値
			No.43 ProjFalseEastingGeoKey 投影原点東距 項目追加、移行番号繰り下がり
			No.44 ProjFalseNorthingGeoKey 投影原点北距 項目追加
			MOS-N-UN-19-285 対応 (ECO-S02011-19058)
			No.27 GTRasterTypeGeoKey ラスター種別 L1 (シーン)、L2 (シーン)、L3 (EQR) 値：2→1

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版数	発行日	改訂ページ	改訂理由
B	2021 年 7 月	IRS 幾何パラメータ更新 (ECO-S02011-21004)	
		別紙_L1 プロダクトフォーマット一覧_L1A	■シート : L1A_VNR-NP
			大項目名 : Geometry_parameter (703 行目) Attribute : Geometry_parameter_version Attribute Value : 0001→0002
			■シート : L1A_VNR-PL
			大項目名 : Geometry_parameter (513 行目) Attribute : Geometry_parameter_version Attribute Value : 0001→0002
			■シート : L1A_IRS
			大項目名 : Geometry_parameter (832 行目) Attribute : Geometry_parameter_version Attribute Value : 0001→0002
		別紙_L1 プロダクトフォーマット一覧_L1B	■シート : L1B_VNR-NP
			大項目名 : Geometry_parameter (2077 行目) Attribute : Geometry_parameter_version Attribute Value : 0001→0002
			■シート : L1B_VNR-PL
			大項目名 : Geometry_parameter (1349 行目) Attribute : Geometry_parameter_version Attribute Value : 0001→0002
			■シート : L1B_IRS
			大項目名 : Geometry_parameter (1362 行目) Attribute : Geometry_parameter_version Attribute Value : 0001→0002
		誤記修正	
		別紙_L1 プロダクトフォーマット一覧_L1A	■シート : L1A_VNR-NP
			大項目名 : Global_attributes (36 行目) 備考 : 「文字数は総合品質の源泉となる品質データの数に等しい。」を削除
			■シート : L1A_VNR-PL
			大項目名 : Global_attributes (36 行目) 備考 : 「文字数は総合品質の源泉となる品質データの数に等しい。」を削除
			■シート : L1A_IRS
			大項目名 : Global_attributes (36 行目) 備考 : 「文字数は総合品質の源泉となる品質データの数に等しい。」を削除

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改訂履歴 (5/6)

版数	発行日	改訂ページ	改訂理由
B	2021 年 7 月	別紙_L1 プロダクトフォーマット一覧_L1B	<p>■シート：L1B_VNR-NP</p> <p>大項目名：Global_attributes (45 行目) 備考： 「文字数は総合品質の源泉となる品質データの数に等しい。」を削除</p> <p>以下 No.の Attribute Value 値を修正 Attribute：Error_DN Attribute Value：32767→32768</p> <p>No.25、No.26、No.27、No.28、No.29、No.30、No.31、No.32、No.33、No.34、No.35、No.36、No.37、No.38、No.39、No.40、No.41、No.42、No.43、No.44、No.45、No.46、No.47、No.48、No.49、No.50、No.51、No.52、No.53、No.54、No.55、No.56、No.57、No.58、No.59、No.60、No.61、No.62.</p> <p>No.63 (740 行目) Attribute：Error_DN Attribute Value：2147483647→2147483648</p> <p>■シート：L1B_VNR-PL</p> <p>大項目名：Global_attributes (33 行目) 備考： 「分光放射輝度値の飽和しきい値は、バンドごとの処理パラメータ」を追加</p> <p>大項目名：Global_attributes (44 行目) 備考： 「文字数は総合品質の源泉となる品質データの数に等しい。」を削除</p> <p>以下 No.の Attribute Value 値を修正 Attribute：Error_DN Attribute Value：32767→32768</p> <p>No.15、No.16、No.17、No.18、No.19、No.20、No.21、No.22、No.23、No.24、No.25、No.26、No.27、No.28、No.29、No.30、No.31、No.32、No.33、No.34、No.35、No.36、No.37</p> <p>No.39 (484 行目) Attribute：Error_DN Attribute Value：2147483647→-2147483648</p> <p>No.164 (1346 行目) 備考： 「分光放射輝度値の飽和しきい値は、バンドごとの処理パラメータ」を追加</p> <p>■シート：L1B_IRS</p> <p>大項目名：Global_attributes (33 行目) 備考： 「分光放射輝度値の飽和しきい値は、バンドごとの処理パラメータ」を追加</p>

SGLI レベル 1 プロダクトフォーマット説明書
改訂履歴 (6/6)

版数	発行日	改訂ページ	改訂理由
B	2021 年 7 月	別紙_L1 プロダクトフォーマット一覧_L1B	大項目名 : Global_attributes (44 行目) 備考 : 「文字数は総合品質の源泉となる品質データの数に等しい。」を削除
			以下 No. の Attribute Value 値を修正 Attribute : Error_DN Attribute Value : 32767→32768
			No.3、No.4、No.5、No.6、No.7、No.8、No.9、No.10、No.11、No.12、No.13、No.14、No.15、No.16、No.17、No.18、No.19、No.20、No.21、No.22、No.23、No.24、No.25
			No.26 (353 行目) Attribute : Error_DN Attribute Value : 2147483647→-2147483648
			No.190～192 : 備考 (1354、1357、1359 行目) 「分光放射輝度値の飽和しきい値は、バンドごとの処理パラメータ」を追加

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別紙 L1 プロダクトフォーマット一覧 L1A

別紙 L1 プロダクトフォーマット一覧 L1B

別紙 GeoTIFF フォーマット一覧

1 はじめに

1.1 目的

本文書は、GCOM-C(Global Change Observation Mission - Climate)のSGLIレベル1プロダクトファイルの仕様/フォーマットを規定するものである。

1.2 概要

GCOM-Cに搭載されるSGLIセンサは、4つの独立した放射計部（VNR非偏光、VNR偏光、IRS短波長赤外、IRS熱赤外）により地球を観測している。SGLIレベル1プロダクトはGCOM-CのSGLIセンサが観測したこれらのデータに対して、レベル1処理を施し作成したものである。レベル1プロダクトはHDF5形式のファイルフォーマットで作成する。

本書の構成は以下の図 1.2-1に示す。

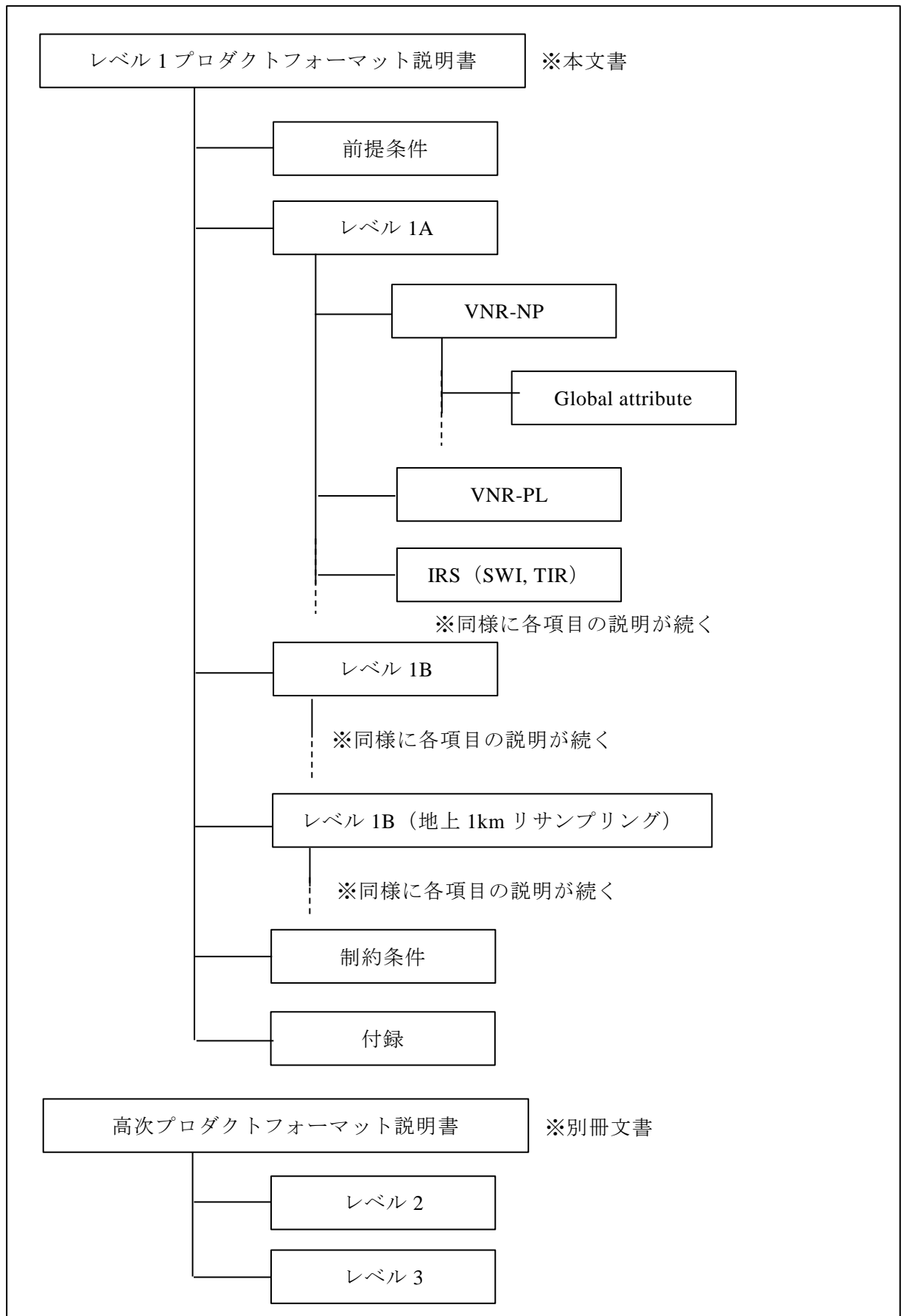


図 1.2-1 フォーマット説明書の文書構成

2 関連文書

SGLIレベル1プロダクトフォーマットの定義にあたり、関連する文書を以下に示す。

2.1 適用文書

2.2 参考文書

The HDF Group, HDF5 User's Guide HDF5 Release 1.8.8

The HDF Group, HDF5 Reference Manual Release 1.8.8

SGLIセンサ特性ガイド

レベル1アルゴリズム基準書

レベル1アルゴリズム実装説明書

Thuillier et al., 2003

The Solar Spectral Irradiance from 200 to 2400 nm as Measured by the Solspec Spectrometer from the Atlas and Eureca Missions, Solar Physics, 214 (1): 1-22, May 2003.

3 前提条件

3.1 観測データ種別

SGLIセンサでは各放射計部により4種類のデータを観測する。観測するデータの一覧と概要を「表 3.1-1」に示す。また、SGLIセンサの観測波長の仕様を「表 3.1-2」に示す。

表 3.1-1 GSLI 観測データ一覧

No.	放射計部	チャンネル数	観測データ内容
1.	VNR-NP	11ch	NP 観測（非偏光（Non Polarized）観測）による、地上の大気や地表面により散乱、吸収された反射光の強度の観測。3 鏡筒、各 11ch。
2.	VNR-PL	2ch	PL 観測(偏光(Polarized)観測)による、地上の大気や地表面により散乱・吸収された反射光の偏光状態の観測。2ch × 3 偏光（-60°、0°、+60°）。
3.	IRS SWI	4ch	IRS の SWI（短波長赤外センサ（Short wavelength Infrared））による観測。
4.	IRS TIR	2ch	IRS の TIR（熱赤外センサ（Thermal Infrared））による観測。

表 3.1-2 SGLI センサの観測波長の仕様

センサ	ch	中心波長 λ_c [nm]	波長幅 $\Delta \lambda$ [nm]	基準輝度 L_{std} [W/m ² /str/ μ m]	最大輝度 L_{max} [W/m ² /str/ μ m]	軌道上 最大輝度 L_{cloud} [W/m ² /str/ μ m]	IFOV	S/N 仕様値 (規定分解能)
VNR-NP	VN1	380	10	60	210	329	250m/1000m	250(250km)
	VN2	412	10	75	250	589	250m/1000m	400(250km)
	VN3	443	10	64	400	650	250m/1000m	300(250km)
	VN4	490	10	53	120	645	250m/1000m	400(250km)
	VN5	530	20	41	350	643	250m/1000m	250(250km)
	VN6	565	20	33	90	648	250m/1000m	400(250km)
	VN7	673.5	20	23	62	564	250m/1000m	400(250km)
	VN8	673.5	20	25	210	564	250m/1000m	250(250km)
	VN9	763	12	40	350	438	250m/1000m	1200(1000m)
	VN10	868.5	20	8	30	362	250m/1000m	400(250km)
	VN11	868.5	20	30	300	362	250m/1000m	200(250km)
VNR-PL	P1	673.5	20	25	250	564	1000m	250(1000m)
	P2	868.5	20	30	300	362	1000m	250(1000m)
センサ	ch	中心波長 λ_c [μ m]	波長幅 $\Delta \lambda$ [μ m]	基準輝度 L_{std} [W/m ² /str/ μ m]	最大輝度 L_{max} [W/m ² /str/ μ m]	軌道上 最大輝度 L_{cloud} [W/m ² /str/ μ m]	IFOV	S/N 仕様値 (規定分解能)
IRS SWI	SW1	1.05	0.020	57	248	248	1000m	500(1000m)
	SW2	1.38	0.020	8	103	103	1000m	150(1000m)
	SW3	1.63	0.200	3	50	59	250m/1000m	57(250m)
	SW4	2.21	0.050	1.9	20	20	1000m	211(1000m)
センサ	ch	中心波長 λ_c [μ m]	波長幅 $\Delta \lambda$ [μ m]	基準輝度 T_{std} [K]	観測最小温度 T_{min} [K]	観測最大温度 T_{max} [K]	IFOV	雑音等価温度 (規定分解能)
IRS	T1	10.8	0.74	300	180	340	250m/500m/1000m	0.2(500m)
TIR	T2	12.0	0.74	300	180	340	250m/500m/1000m	0.2(500m)

3.2 処理レベル

SGLIレベル1処理では、各観測データに対する処理内容の違いからレベル1Aとレベル1Bの2種類の処理レベルを定義する。各処理レベルの概要を「表 3.2-1」に示す。

表 3.2-1 処理レベルの概要

処理レベル	概要	主な出力項目
レベル 1A	衛星からのデータを入力として以下の処理を施した L1A プロダクトを作成する。 <ul style="list-style-type: none"> シーンの範囲の決定。シーンの範囲のデータの切り出し。シーンの分割。 重複パケットの削除、欠損データのダミーデータによる補填。 ラジオメトリック補正情報の算出。 幾何情報の算出。 パケット欠損情報、品質情報の作成 	<ul style="list-style-type: none"> RAW データ (DN 値) アンシラリデータ PCD データ ジオメトリックモデルパラメータ ラジオメトリック補正係数 幾何情報 品質情報
レベル 1B	レベル 1A プロダクトに含まれる情報を入力として以下の処理を施したレベル 1 B プロダクトを作成する。 <ul style="list-style-type: none"> 分光放射輝度の算出。 幾何補正及び観測データの L1B 基準座標系へのリサンプリング。 陸海フラグの算出。 品質情報の作成。 	<ul style="list-style-type: none"> 分光放射輝度値 (画像データ) アンシラリデータ PCD データ 幾何情報 品質情報
レベル 1B (地上 1km リサンプリング)	レベル 1B プロダクトを入力として以下の処理を施したレベル 1B プロダクト (地上 1km リサンプリング) を作成する。 <ul style="list-style-type: none"> 高解像度画像 (250m または 500m) の低解像度 (1000m) リサンプリング。 隣接する低解像度画像による高解像度画像の欠損補填。 L1B プロダクト各情報の再算出。 	<ul style="list-style-type: none"> 分光放射輝度値 (画像データ) アンシラリデータ PCD データ 幾何情報 品質情報

3.3 シーン定義

レベル1処理を実施する単位をシーンと呼ぶ。

VNR-NPおよびIRSについては、1シーンは昇交点を起点として衛星の1周回を緯度引数から24分割した範囲と定義する (シーンの境界となる緯度引数上の観測点は、シーン番号が後になるシーンの開始点となる)。VNR-NPおよびIRSのシーンの概略図を「図 3.3-1」に示す。ただし、1シーン処理の結果作成されるプロダクトの画像については、通常、隣接するシーンとのオーバーラップ領域を設けるため、シーンの範囲とプロダクトの画像の範囲は厳密には一致しない。また特定の条件下ではシーンを複数のプロダクトに分割して出力することもある。シーンとプロダクトの関係についての詳細は3.6 に示す。

VNR-PLについては、1シーンは1周回中の日照観測域をすべて含む範囲と定義する。VNR-PLの場合は隣接するシーンが存在しないため、オーバーラップ領域は存在しない。VNR-PLのシーンの概略図を「図 3.3-2」に示す。

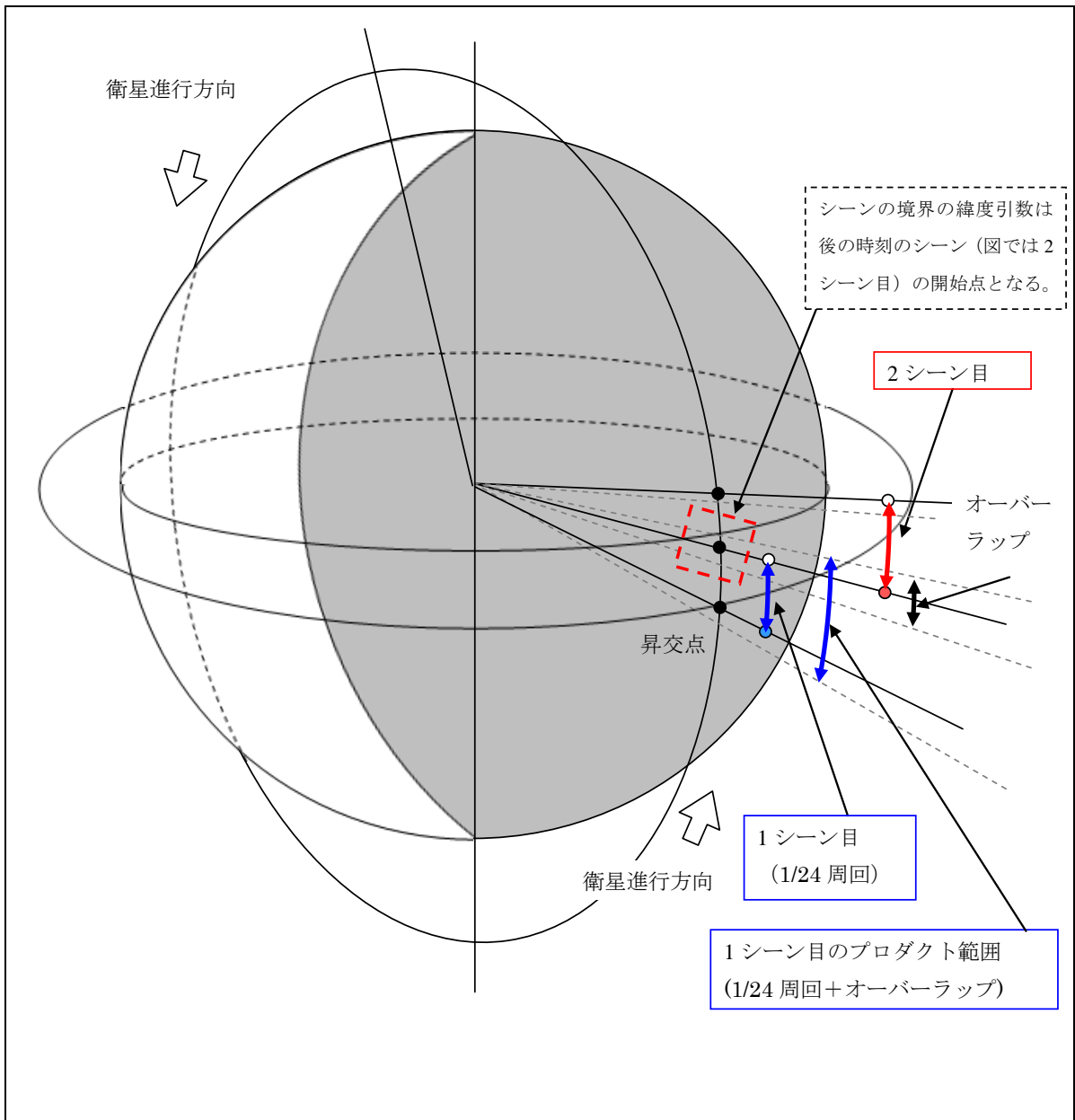


図 3.3-1 SGLI レベル 1 プロダクト シーン定義 (VNR-NP、IRS)

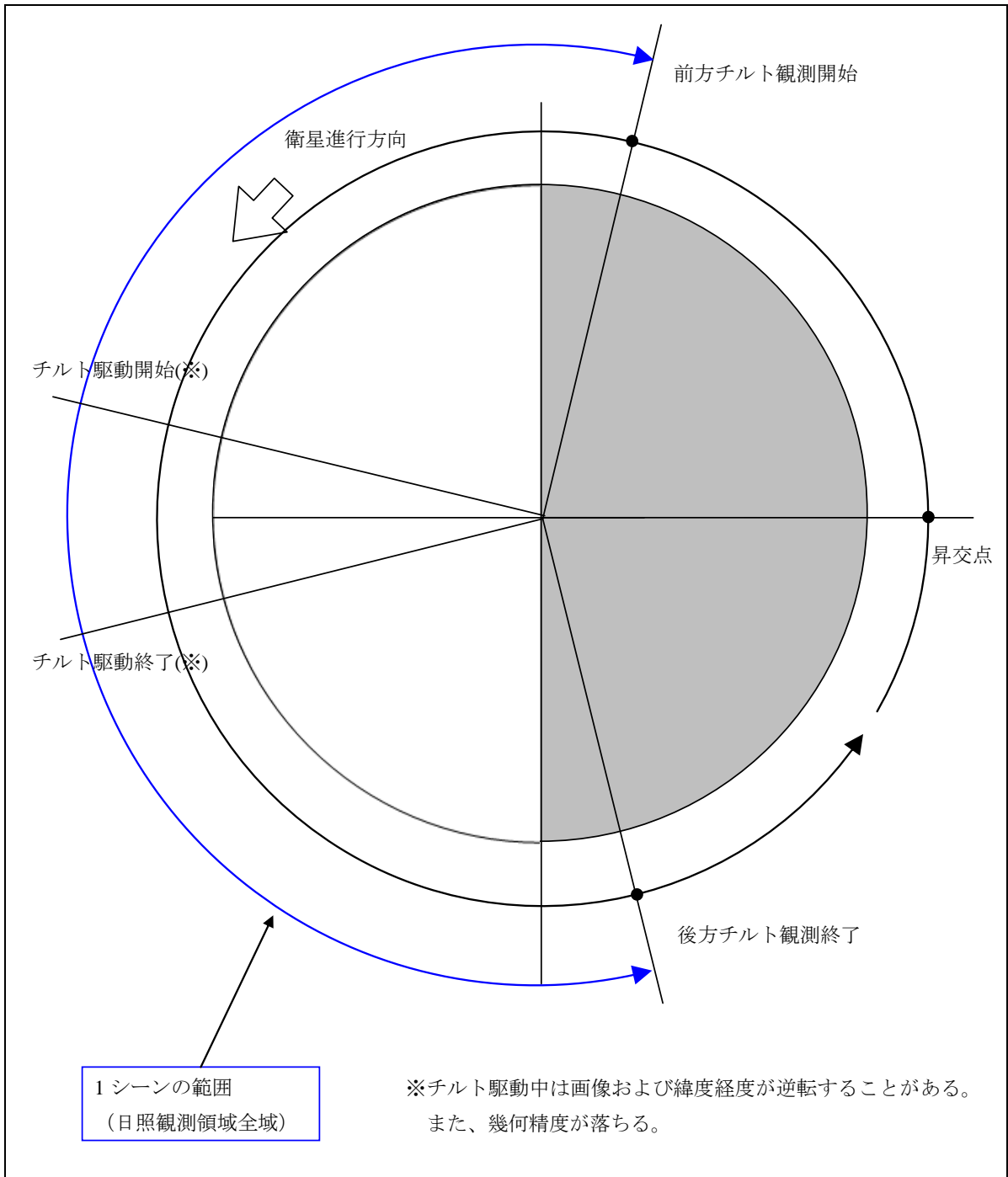


図 3.3-2 SGLI レベル 1 プロダクト シーン定義 (VNR-PL)

3.4 日照／日陰観測

SGLIセンサは日照観測と日陰観測でおおよその観測パターンが定められている。日照観測では、VNRとIRSの全ての種類のデータを常に観測する。一方で、日陰観測ではVNRの観測を停止し、IRSのSWIも観測する地域によって観測と停止を切り替える。ただし、IRSのTIRについては、日照、日陰に関係なく、常に観測する。

観測が停止している期間については、原則としてプロダクトは作成されない。ただし、TIRとSWIのどちらかのみが観測停止しているケースや、観測停止期間が短いケース、VNRとIRSの観測開始タイミングが若干ずれたケースなどでは、プロダクト中の該当データに欠損値が格納される。

日照と日照時におけるセンサの運用の概要を「表 3.4-1」に示す。詳細は、センサ特性ガイド参照。

表 3.4-1 日照・日陰におけるセンサの代表的な運用

日照／日陰	VNR-NP	VNR-PL	IRS SWI	IRS TIR
日照観測	観測	観測	観測	観測
日陰観測	観測停止	観測停止	観測／観測停止	観測

なお、上記は典型的な観測の場合であり、観測要求により上記に当てはまらない観測を行う可能性がある。

3.5 分解能

SGLIセンサは一部の観測データを除き、分解能を切り替えて観測することができる。SGLIセンサにより観測できる各データについて、観測可能な分解能の一覧を「表 3.5-1」に示す。分解能を切り替え可能なセンサについては、陸域・沿岸部の地域を高解像度で、外洋の地域を低解像度で観測することを基本観測パターンとする。詳細は、センサ特性ガイド参照。

表 3.5-1 SGLI 観測データごとの分解能のモード一覧

No.	観測データ	分解能
1.	VNR-NP	250m または 1000m
2.	VNR-PL	1000m 固定
3.	IRS SWI	1ch:1000m 2ch:1000m 3ch:250m 4ch:1000m または 1ch:1000m 2ch:1000m 3ch:1000m 4ch:1000m
4.	IRS TIR	250m または 500m または 1000m

3.6 プロダクト格納単位

3.6.1 プロダクト分割方式

これまでの前提条件を踏まえて、プロダクトの格納単位は以下の「表 3.6-1」に示す要素により決定する。

表 3.6-1 プロダクト分割要素一覧

No.	プロダクト分割要素	概要	詳細
1.	観測データ種別	VNR-NP と VNR-PL および IRS(SWI+ TIR)はそれぞれ異なるプロダクトとして出力する。各放射計部で観測したデータは全てのチャンネルのデータを1つのプロダクトに格納する。	3.1 章
2.	処理レベル	レベル 1A プロダクトとレベル 1B プロダクトはそれぞれ異なるプロダクトとして出力する。	3.2 章
3.	シーン範囲 (VNR-NP, IRS)	レベル 1 処理における処理単位をシーンと呼ぶ。1シーンは昇交点を起点として1周回を24分割した範囲である。1プロダクト中に複数のシーンが格納されることはない。一方でプロダクト分割要素により、1シーンを複数のプロダクトに分割することがある。 VNR-PLについてはこの限りでなく、1周回分のデータを1プロダクトとして作成する。	3.3 章
4.	センサ分解能 (VNR-NP, IRS)	1シーンの中でセンサの分解能が切り替わった場合に、切り替わりの前後でそれぞれ異なるプロダクトとして出力する。VNR-NP、SWI、TIRの何れかのセンサの分解能だけが切り替った場合でも、VNR-NPとIRS(SWI+TIR)の両プロダクトを分割する。 レベル 1B プロダクト（地上 1km リサンプリング）の場合、低解像度リサンプリングを行うことにより1シーン内の画像解像度はすべて低解像度に統一されるが、プロダクトの結合は行わない。 VNR-PLの分解能は切り替わらないため、プロダクトが分割されることはない。	3.5
5.	他センサの観測停止 (VNR-NP, IRS)	VNR-NP、SWI、IRSの何れかのセンサが観測停止したタイミングで、VNR-NP および IRS のプロダクトを分割する。	—

プロダクト格納単位を踏まえた、SGLIレベル1プロダクト分割要素の組み合わせの代表的パターンを「表 3.6-2」および「表 3.6-3」に示す。

表 3.6-2 SGLI レベル 1A/レベル 1B プロダクトの代表的パターン

No.	観測データ	処理レベル	日照/日陰	センサ分解能		備考
1.	VNR-NP	レベル 1A	日照観測	250m		分解能記号：Q
2.				1000m		分解能記号：K
3.			日陰観測		－（観測しない）	
4.		レベル 1B	日照観測	250m		分解能記号：Q
5.				1000m		分解能記号：K
6.			日陰観測		－（観測しない）	
7.	VNR-PL	レベル 1A	日照観測	1000m		分解能記号：K
8.			日陰観測	－（観測しない）		作成しない
9.		レベル 1B	日照観測	1000m		分解能記号：K
10.			日陰観測	－（観測しない）		作成しない
11.	IRS(SWI+TIR)	レベル 1A	日照観測	SWI: 1,2,4ch:1000m 3ch:250m	TIR:250m	分解能記号：Q
12.					TIR:500m	分解能記号：M
13.					TIR:1000m	分解能記号：X
14.				SWI: 1～4ch:1000m	TIR:250m	分解能記号：Y
15.					TIR:500m	分解能記号：H
16.			TIR:1000m		分解能記号：K	
17.			日陰観測	SWI: 1,2,4ch:1000m 3ch:250m	TIR:250m	分解能記号：Q
18.					TIR:500m	分解能記号：M
19.					TIR:1000m	分解能記号：X
20.				SWI: －（観測しない）	TIR:250m	分解能記号：Q
21.		TIR:500m			分解能記号：H	
22.		TIR:1000m	分解能記号：K			
23.		レベル 1B	日照観測	SWI: 1,2,4ch:1000m 3ch:250m	TIR:250m	分解能記号：Q
24.					TIR:500m	分解能記号：M
25.	TIR:1000m				分解能記号：X	
26.	SWI: 1～4ch:1000m			TIR:250m	分解能記号：Y	
27.				TIR:500m	分解能記号：H	
28.				TIR:1000m	分解能記号：K	
29.	日陰観測		SWI: 1,2,4ch:1000m 3ch:250m	TIR:250m	分解能記号：Q	
30.				TIR:500m	分解能記号：M	
31.				TIR:1000m	分解能記号：X	
32.			SWI: －（観測しない）	TIR:250m	分解能記号：Q	
33.				TIR:500m	分解能記号：H	
34.				TIR:1000m	分解能記号：K	

表 3.6-3 SGLI レベル 1B (地上 1km リサンプリング) プロダクト種別一覧

No.	観測データ	処理レベル	日照/日陰	解像度		備考
1.	VNR-NP	レベル 1B (地上 1km リサンプリ ング)	日照観測	1000m		分解能記号 : L
2.			日陰観測	— (観測しない)		作成しない
3.	VNR-PL	レベル 1B (地上 1km リサンプリ ング)	日照観測	1000m		作成しない
4.			日陰観測	1000m		作成しない
5.	IRS(SWI+TIR)	レベル 1B (地上 1km リサンプリ ング)	日照観測	SWI:1000m	TIR:1000m	分解能記号 : L
6.			日陰観測	SWI:1000m	TIR:1000m	分解能記号 : L

3.6.2 シーンとプロダクト格納範囲

1つのプロダクトには、AT方向については1シーンの観測データに、隣接するシーンとのオーバーラップ分を含めた範囲を格納する。CT方向については観測幅の範囲を格納する。ただし、3.6.1 に従い、1つのシーンがAT方向について複数のプロダクトに分割されることがある。

以下にシーンを分割する場合としない場合での、プロダクトへの格納範囲についての詳細を記す。

(1) シーンに対してプロダクトを分割しない場合

シーンがプロダクトの分割要素を含まない場合、シーンの両端に隣接するシーンとのオーバーラップ領域を設けた範囲をプロダクトに格納する。格納範囲の概略図を「図 3.6-1」に示す。

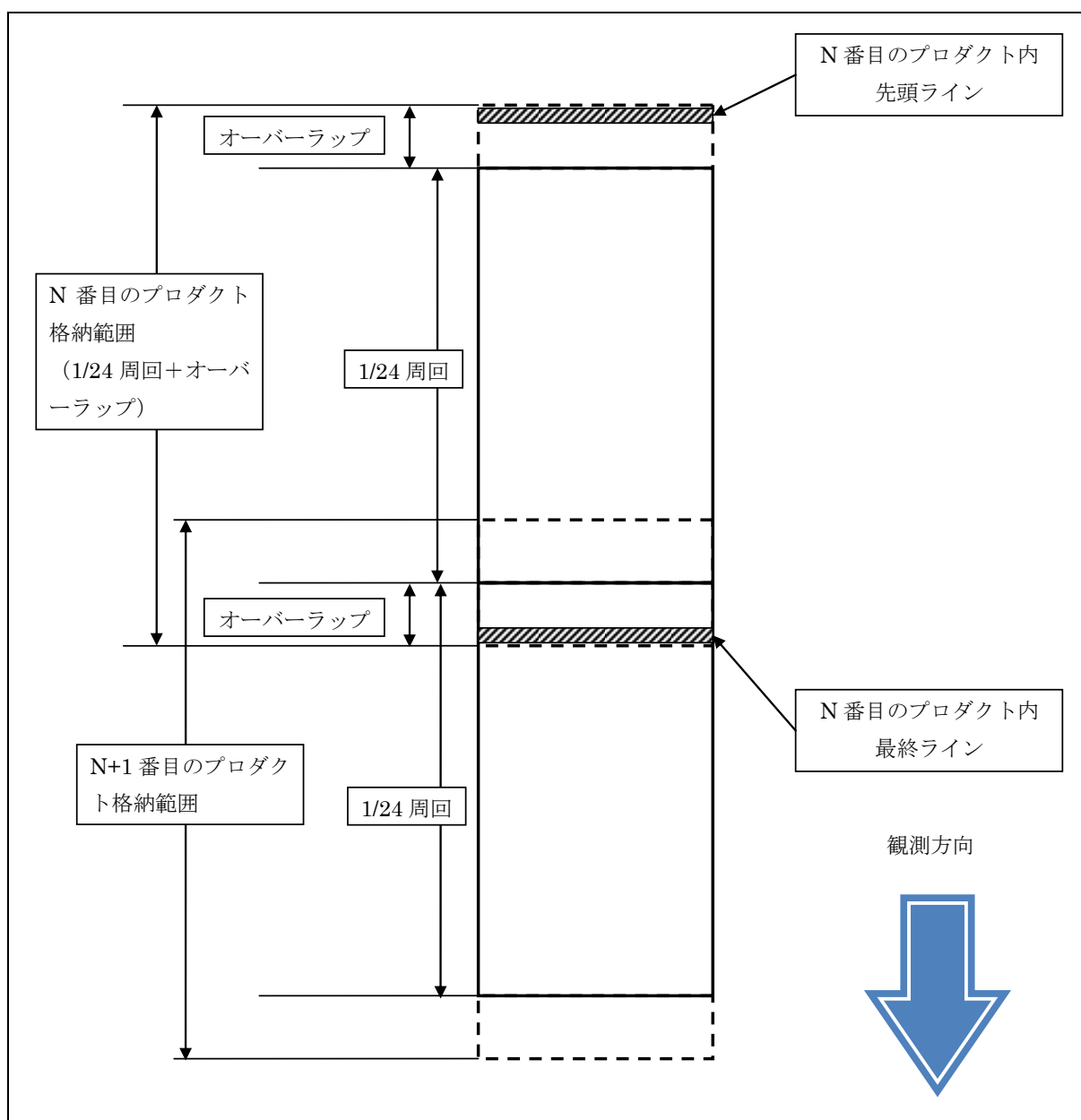


図 3.6-1 シーンを分割しない場合のプロダクト格納範囲

(2) シーンに対してプロダクトを分割する場合

シーンが分割要素を含む場合、1つのシーンから複数のプロダクトを作成する。また、L1B 処理において分解能が高分解能から低分解能に切り替わる (250m から 1000m など) 場合には、高分解能側のプロダクトには低分解能の領域のオーバーラップは付与しない。以降に詳細を記す。

(a) L1A プロダクトの場合

L1A プロダクトの場合、分解能の切り替わりを含みシーンを分割する場合にも、分割後のプロダクトには前後にオーバーラップ領域を設定する。L1A プロダクトの格納範囲の概略図を「図 3.6-2」に示す。

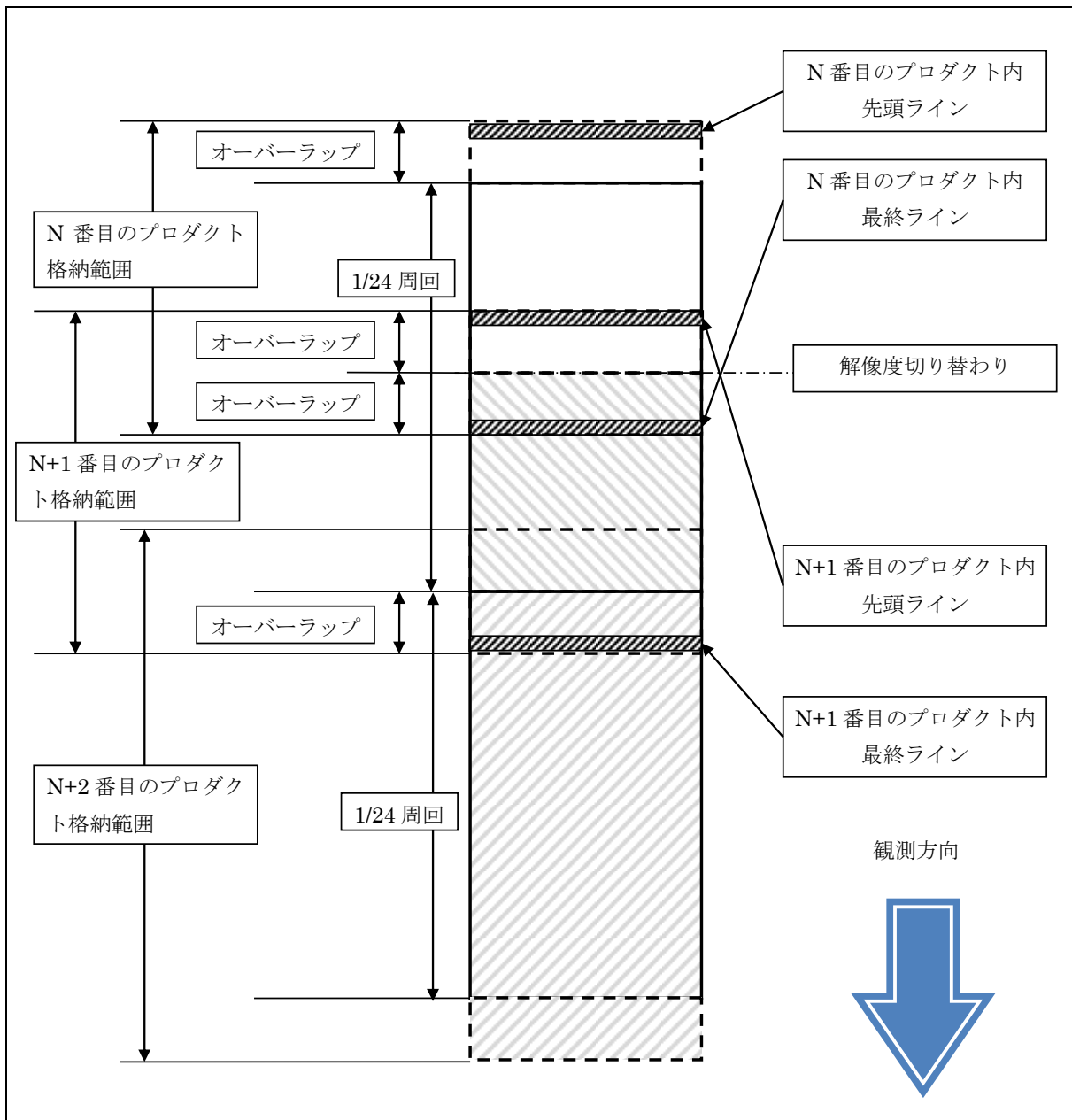


図 3.6-2 シーンを分割する場合のプロダクト格納範囲 (L1A プロダクト)

(b) L1B プロダクトかつ分割要素が分解能の切り替わりの場合

L1B プロダクトでシーンに分解能の切り替わりを含む場合は、分割後、高分解能側のプロダクトには低分解能の領域のオーバーラップ領域を含まない。低分解能側のプロダクトには、低分解能にリサンプリングしたオーバーラップ領域を含める。この場合の格納範囲の概略図を「図 3.6-3」に示す。

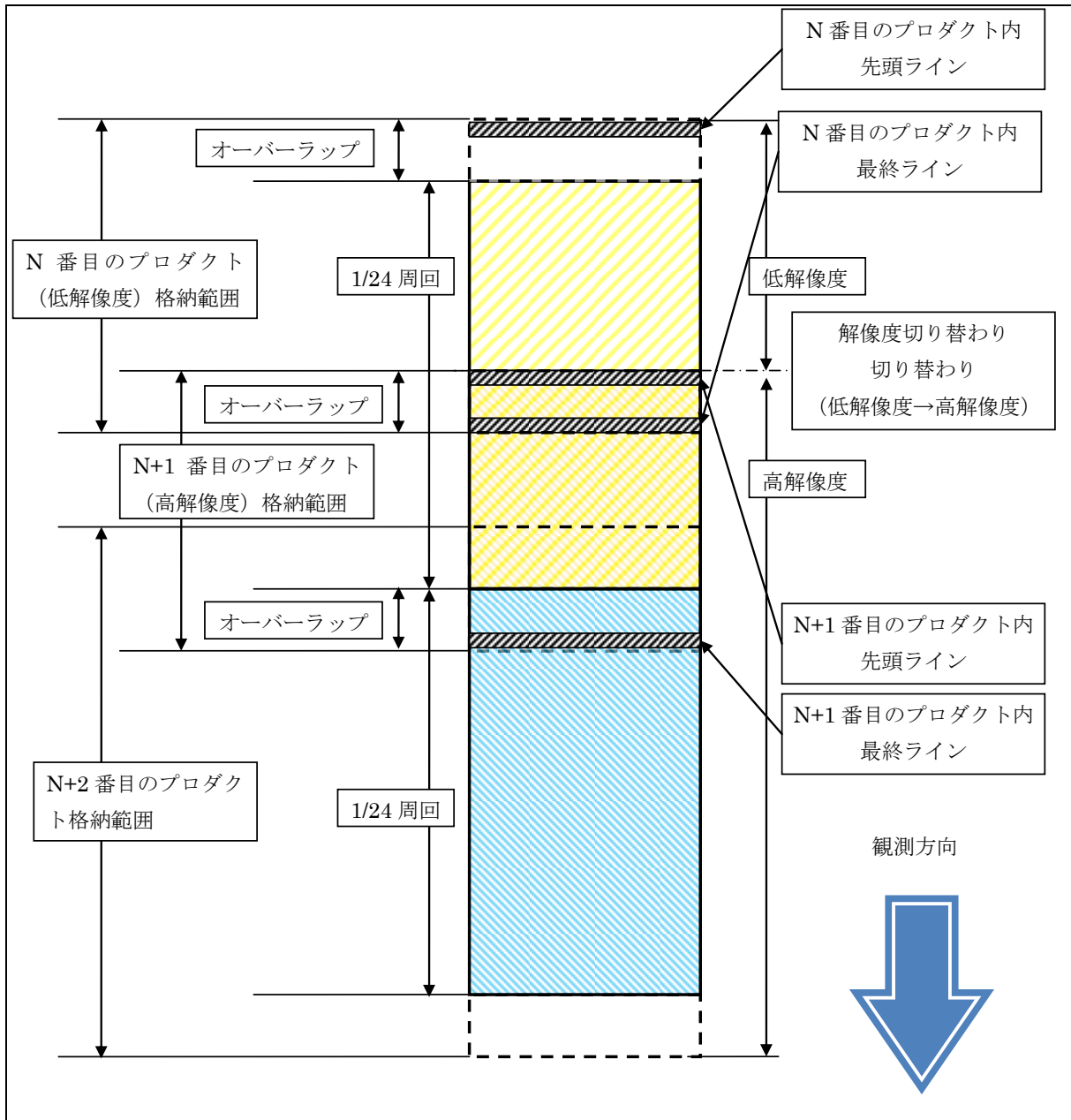


図 3.6-3 シーンを分割する場合のプロダクト格納範囲 (L1B プロダクト、分解能切り替え)

3.6.3 画像の向き

L1AプロダクトおよびL1Bプロダクトともに、プロダクトに格納する画像は、常に観測時刻が早いラインを上側として時系列順に並べる。したがって、ディセンディングでの観測では画像の上側が北側になり、下側が南側となる。逆に、アセンディングでの観測では画像の上側が南側になり、下側が北側となる。観測方向に対する画像の向きについての概略図を「図3.6-4」に示す。

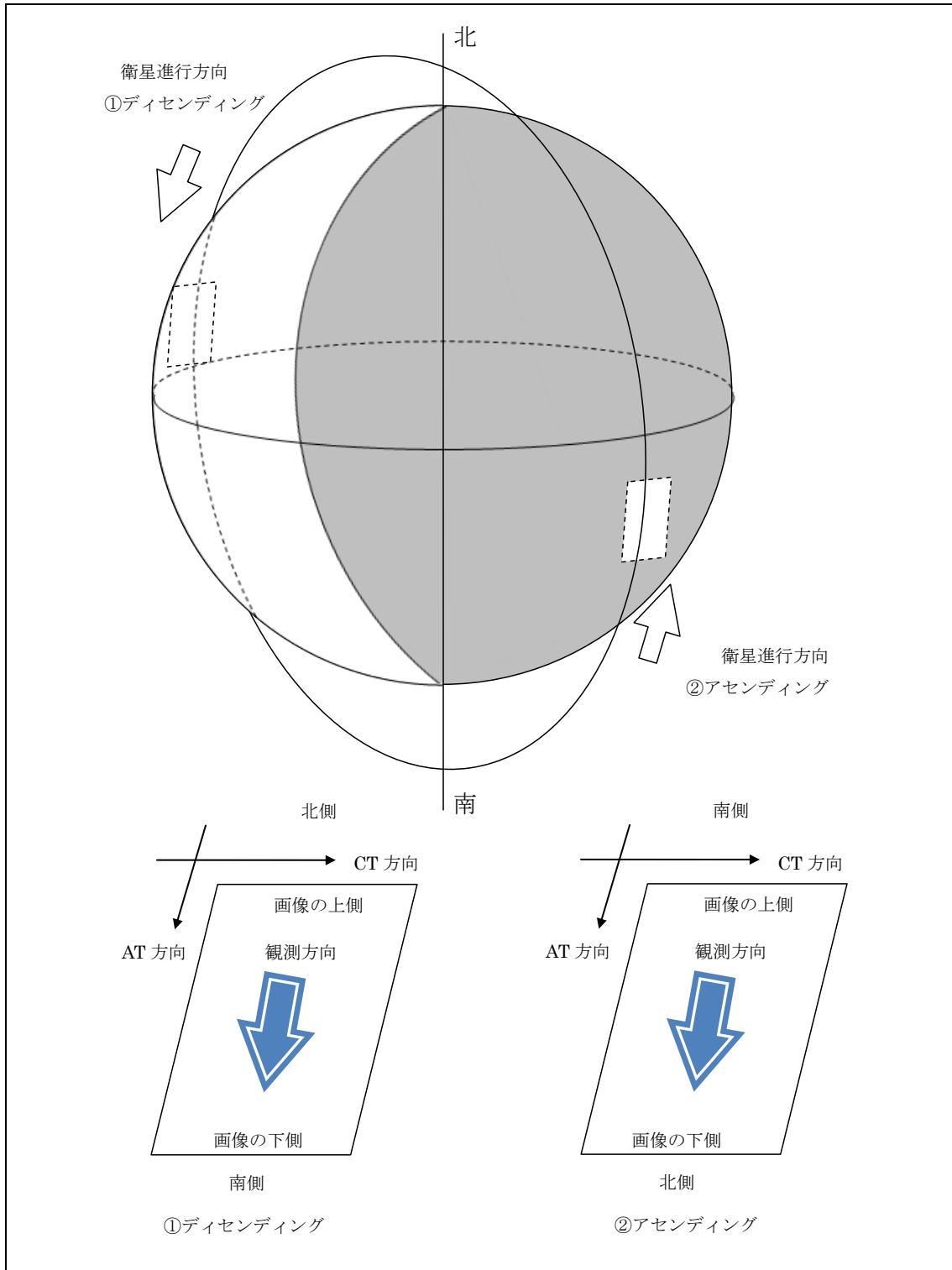


図 3.6-4 観測方向と画像の向きの対応

3.6.4 プロダクト時刻

プロダクトの開始・終了時刻はプロダクトの開始ラインと終了ラインの観測時刻を設定する。プロダクトの前後には若干量のオーバーラップが付与されるため、理想的なプロダクト境界に従って決定されるプロダクトファイル名の時刻とは異なる時刻となる。

プロダクトの中心時刻はプロダクト開始時刻と終了時刻を単純平均した時刻とする。プロダクトの各ラインに付与される時刻は撮像周期に従う離散的な時刻であるため、プロダクトの中心ラインの時刻とプロダクト中心時刻は必ずしも一致しない。

3.6.5 プロダクト四隅

プロダクトの四隅における上下左右の位置関係は3.6.3 に示したプロダクト内の画像の向きに対応する。

(1) 四隅緯度経度

プロダクトの四隅に対応する画素の端点の緯度経度を設定する。

プロダクト四隅位置の定義を「表 3.6-4」に示す。

表 3.6-4 プロダクト四隅位置の定義

四隅位置	定義
左上	プロダクト先頭ラインの左端画素の、左上端点
左下	プロダクト最終ラインの左端画素の、左下端点
右上	プロダクト先頭ラインの右端画素の、右上端点
右下	プロダクト最終ラインの右端画素の、右下端点

(2) 中心緯度経度

プロダクト内の画像における中心位置の緯度経度を格納する。画像の画素数がライン (AT) 方向、ピクセル (CT) 方向共に奇数である場合には、中心画素の画素中心が観測する位置の緯度経度に一致する。どちらかの画素数が偶数の場合には画像中心の画素番号が実数値となるため、周辺画素の画素中心の緯度経度を線形補間して画像中心の緯度経度を算出し、格納する。

3.6.6 シーン番号

シーン番号は、昇交点を基準に周回ごとに定義し、昇交点以降、観測時刻の最も早い時刻のシーン番号を1とし、以降、シーンごとに1ずつカウントアップする。

1シーンを複数のプロダクトに分割した場合には、もともとは1つのシーンであるため、同じシーン番号のプロダクトが複数作成される。

3.7 プロダクトファイルフォーマット

SGLIレベル1プロダクトはHDF5フォーマットで作成する。HDF5フォーマットについての定義はThe HDF Group(<http://www.hdfgroup.org>)を参照。

3.7.1 プロダクトファイル構造

SGLIレベル1プロダクトについて、HDF5ファイルの構造の概要を表 3.7-1に示す。

表 3.7-1 レベル 1 プロダクトファイル構造

構成		HDF データ モデル	内容
ヘッダ部	プロダクトメタデータ	Attribute	プロダクト固有情報（データセット内容、プロダクトファイル名、プロダクトレベル、プロダクト名、プロダクトバージョン、衛星名称、センサ名、ソフトウェアバージョン等）をテキスト形式で格納している。
ヘッダ部	グループメタデータ	Attribute	グループ毎の情報（格子間隔、シーン情報、データ処理等）をテキスト形式で格納している。
データ部	グループデータ	Dataset	以下に示すデータを配列構造で格納している。 <ul style="list-style-type: none"> ・シーン緯度、経度 ・観測データ時刻 ・センサ方位角、太陽方位角 ・チャンネル画像 ・サンプリング時間 等
データ部	グループデータメタデータ	Attribute	グループデータの固有情報（データ内容、空間分解能、単位、サンプリング間隔等）をテキスト形式で格納している。

3.7.2 プロダクトファイル名

プロダクトファイル名はグラニューールIDに、HDF5を示す拡張子「.h5」を付与したものと定める。SGLIレベル1プロダクトに関連するグラニューールIDを「表 3.7-2」および「表 3.7-3」に示す。

表 3.7-2 グラニューール ID

ID	SceneID																				ProductID																				
	Byte	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
GID	G	C	1	S	G	1	_	Y	Y	Y	Y	M	M	D	D	H	H	m	m	s	P	P	P	S	S	_	L	L	x1	x2	_	K	K	K	m	r	_	a	p	p	p
設定例	G	C	1	S	G	1	_	2	0	1	1	1	1	1	3	2	3	4	5	A	0	1	2	0	6	_	1	B	S	G	_	I	R	S	N	K	_	z	0	0	1
項目	Satellite (fix)		Sensor (fix)		-	Year					Month	Day	Hour	min	sec	Path※2		Scene ※3	-	Level ※4	Type ※5※6		-	subsystem ※7		mode※8	resolution※9	-	algorithm ver. ※10		parameter ver. ※11										
	Observation start UT※1																																								

表 3.7-3 グラニューール ID 設定値詳細

No.	GID	項目	詳細	備考
※1.	YYYYMM DDHHmms	Observation start UT	プロダクトの理想的な開始時刻を設定する。プロダクトの前後には若干量のオーバーラップが付与されるため、プロダクト開始ラインの時刻とは一致しない。 秒数についてはアルファベット 1 文字で表現する。表 3.7-4 参照。 UTC 時系。	—
※2.	PPP	Path	パス番号を設定する。設定値：1～485。	—
※3.	SS	Scene	シーン番号を設定する。設定値：1～24。	—
※4.	LL	Level	処理レベルを設定する。 L1A の場合：1A L1B/L1B（地上 1km リサンプリング） の場合：1B	—
※5.	x1	Type	S（標準プロダクト）固定。	—
※6.	x2	Type	運用ごとの処理の種別を設定する。 全球処理（標準処理）の場合：G 準リアルタイム処理(特定地域)の場合：L 準リアルタイム処理(全球)の場合：N	—
※7.	KKK	subsystem	観測データの種別を設定する。 VNR-NP の場合：VNR VNR-PL の場合：POL IRS（SWI+TIR）の場合：IRS	—
※8.	m	mode	日照観測／日陰観測の種別を設定する。 日照観測（Day）の場合：D 日陰観測（Night）の場合：N 太陽光校正：S 内部光源校正：L 電気校正：E マヌーバ：M	VNR センサ ON/OFF に連動するため、校正モードやイレギュラー観測時に地表面状態（Day/Night）と合致していない場合がある。
※9.	r	resolution	分解能を設定する。 K：1000m L：1000m（低解像度リサンプリング） Q：250m IRS の場合には、他に H、Y、X、M の 4 種類が存在する。表 3.7-5 参照。	—
※10	a	algorithm ver.	アルゴリズムバージョンを設定する。 設定値：0～9、A～Z。	—
※11	ppp	parameter ver.	パラメータバージョンを設定する。 設定値：000～999。	—

表 3.7-4 グラニューール ID 秒数記号一覧

秒数記号	秒数
A	$00 \leq \text{sec} < 03$
B	$03 \leq \text{sec} < 06$
C	$06 \leq \text{sec} < 09$
D	$09 \leq \text{sec} < 12$
E	$12 \leq \text{sec} < 15$
F	$15 \leq \text{sec} < 18$
G	$18 \leq \text{sec} < 21$
H	$21 \leq \text{sec} < 24$
J	$24 \leq \text{sec} < 27$
K	$27 \leq \text{sec} < 30$
L	$30 \leq \text{sec} < 33$
M	$33 \leq \text{sec} < 36$
N	$36 \leq \text{sec} < 39$
P	$39 \leq \text{sec} < 42$
Q	$42 \leq \text{sec} < 45$
R	$45 \leq \text{sec} < 48$
S	$48 \leq \text{sec} < 51$
T	$51 \leq \text{sec} < 54$
U	$54 \leq \text{sec} < 57$
V	$57 \leq \text{sec} < 60$
W	$60 \leq \text{sec} < 61$

表 3.7-5 IRS グラニュール ID 分解能記号一覧

分解能 記号	SWI1,2,4 分解能	SWI3 分解能	TIR 分解能
K	1000m	1000m	1000m
	観測停止		1000m
	1000m	1000m	OFF
H	1000m	1000m	500m
	観測停止		500m
Y	1000m	1000m	250m
X	1000m	250m	1000m
M	1000m	250m	500m
Q	1000m	250m	250m
	観測停止		250m
	1000m	250m	250m
L	1000m	1000m (低解像度リサンプリング)	1000m (低解像度リサンプリング)
	1000m	1000m (低解像度リサンプリング)	1000m
	1000m	1000m	1000m (低解像度リサンプリング)

3.8 座標系

SGLIレベル1プロダクトに含まれる項目で使用している座標系について、表 3.8-1に示す。

表 3.8-1 座標系一覧

No.	座標系名称	原点および座標軸	関連グループ 関連データセット	備考
1.	WGS84 地球固定座標系	原点：地球重心 X 軸：赤道面でのグリニッジ子午線方向 Y 軸：Z 軸と X 軸に対する右手直交系 Z 軸：IERS 基準極原点方向	【L1A/L1B 共通】 ・ GPS_pos ・ GPS_vel	図 3.8-1
2.	衛星固定座標系	原点：衛星重心 X 軸：ロール軸（衛星進行方向） Y 軸：ピッチ軸（Z 軸と X 軸に対する右手直交系） Z 軸：ヨー軸（地球重心方向）	【L1A のみ】 ・ Sensor_pos ・ GPSR_pos 【L1A/L1B 共通】 ・ Att_error ・ Att_angular_vel	図 3.8-2
3.	センサ基準座標系 (VNR 光学部基準座標系)	原点：アライメントキューブ（鏡筒基準キューブ） X 軸：Z 軸と Y 軸に対する右手直交系 Y 軸：CCD のラインに並行方向（設計時ノミナル） Z 軸：光学部の中心画素の指向軸方向（設計時ノミナル）	【L1A のみ】 ・ Geo_opt_L ・ Geo_opt_N ・ Geo_opt_R	図 3.8-3
4.	センサ基準座標系 (IRS 光学部基準座標系)	原点：アライメントキューブ（光学系基準キューブ） X 軸：走査機構部会展軸に対して並行方向（設計時ノミナル） Y 軸：X 軸と Z 軸に対する右手直交系 Z 軸：光学ベンチの法線方向		図 3.8-4
5.	L1B 基準座標系	原点：画像左上画素の中心点 X 軸：画像の CT 方向 Y 軸：画像の AT 方向 Z 軸：画素に対する視線ベクトルの逆方向	【L1B のみ】 ・ Image_data Group	3.8.1 章

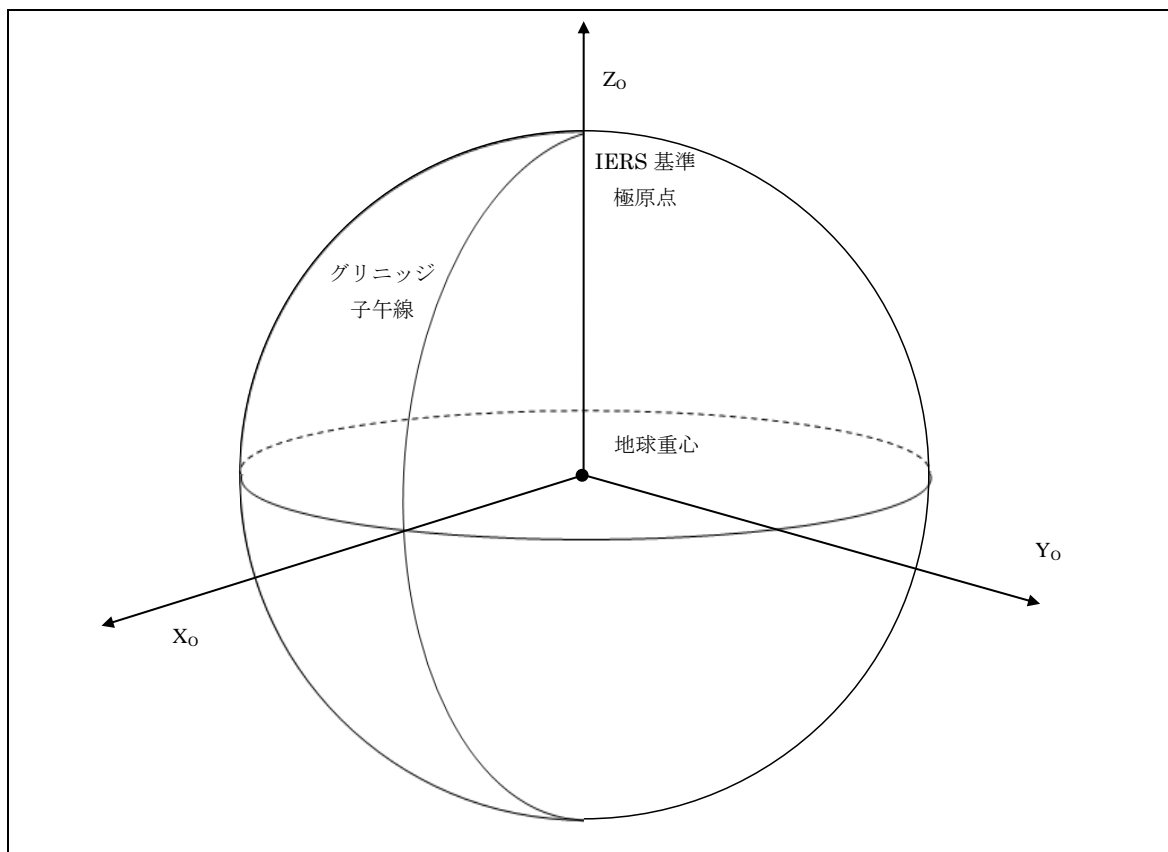


図 3.8-1 WGS84 地球固定座標系

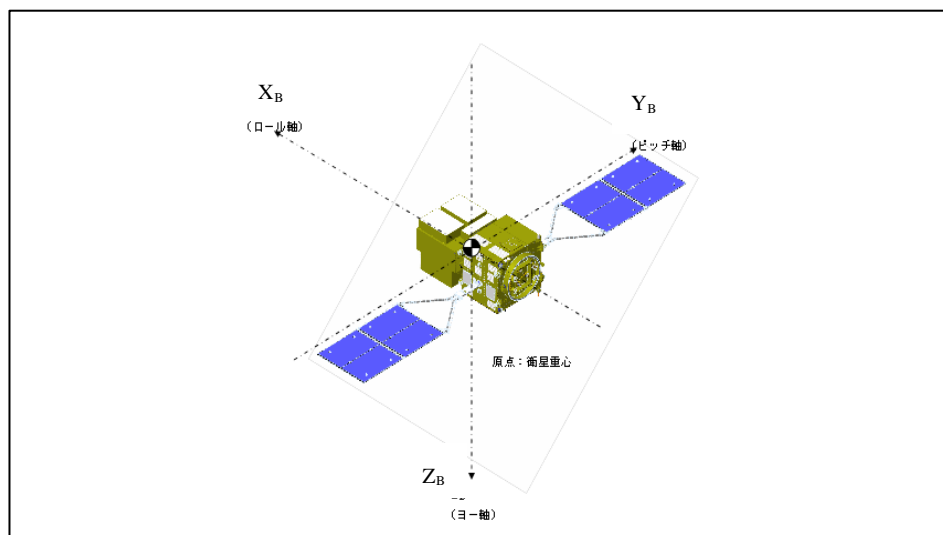


図 3.8-2 衛星固定座標系

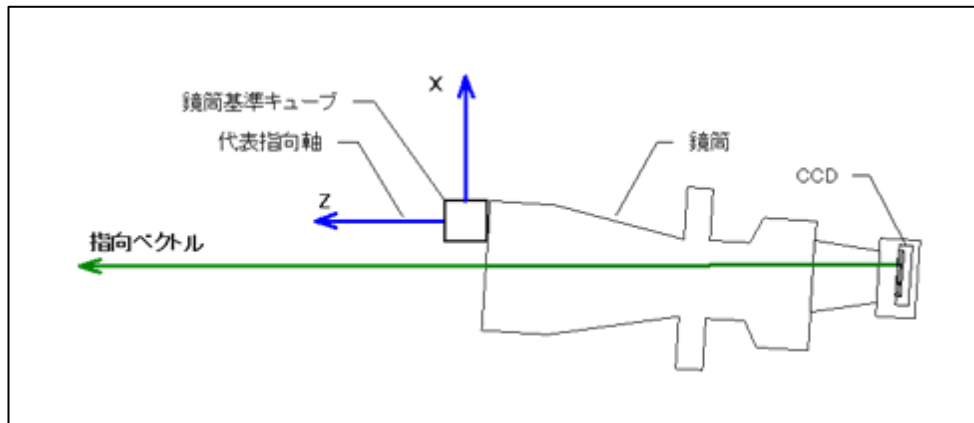


図 3.8-3 VNR 光学部基準座標系

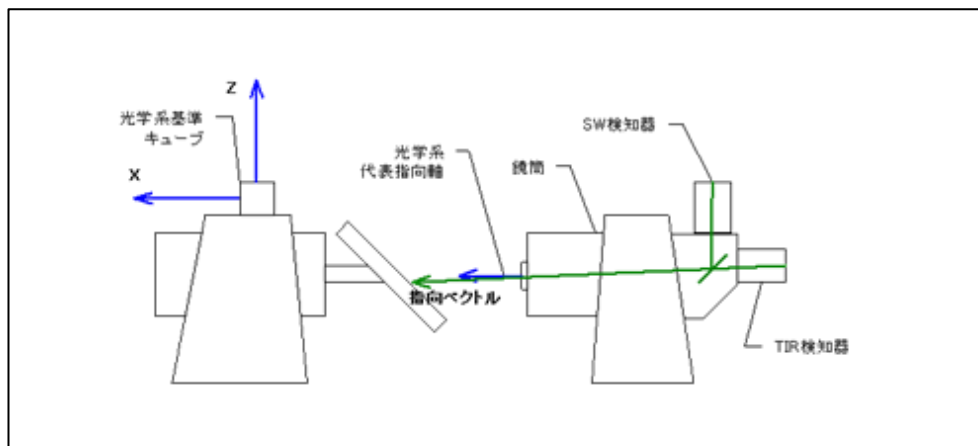


図 3.8-4 IRS 光学部基準座標系

3.8.1 L1B 基準座標系

SGLIレベル1BプロダクトのImage_dataデータセットには地表観測面の分光放射輝度値をL1B基準座標系に投影した、値の二次元配列（以降、画像と表現する）を格納する。L1B基準座標系とは、衛星軌道を中心とした仮想円筒面（L1B仮想フレーム）上に定義した座標系である。L1B仮想フレームの概略図を「図 3.8-5」に示す。

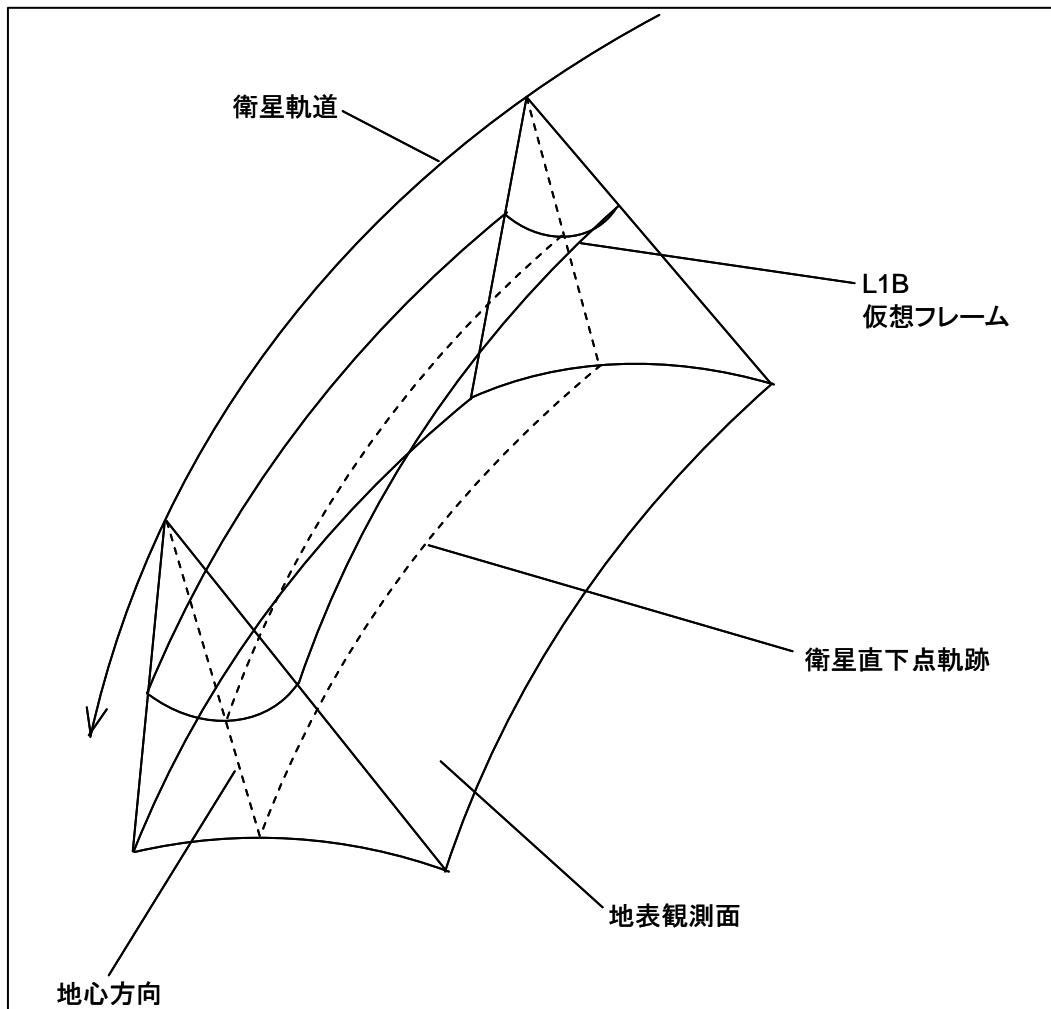


図 3.8-5 衛星軌道を中心とした円筒面投影による L1B 仮想フレーム

L1B基準座標系のX軸方向はL1B仮想フレームに投影したCT方向とし、X軸の原点はL1B仮想フレーム上の、衛星進行方向に対して右端点とする。また、座標の単位は、L1B仮想フレームの左端と衛星軌道の原点を結ぶ直線と、右端と衛星軌道の原点を結ぶ直線が成す角度を等分したものとし、右端点から左端点に向かって座標値は増加する。L1B仮想フレームのCT方向の分割数は観測時の分解能によって決められ、「表 3.8-2」に示す通りである。

Y軸方向は、L1B仮想フレームに投影したAT方向とし、原点は各プロダクトに格納される画像の最も時刻の早いラインとする。座標の単位は、観測したライン数とし、時刻が早いラインから遅いラインに向かって座標値は増加する。

以上の定義から、L1B基準座標系における画像の1画素に相当する地表の観測範囲は、ライン方向（Y軸方向）についてはどの画素も同一となるが、カラム方向（X軸方向）については、衛星軌道の直下から遠いほど観測している範囲は広くなる。画素と観測範囲の概略図を「図 3.8-6」に示す。

表 3.8-2 観測データ分解能ごとの L1B 仮想フレーム CT 方向分割数

分解能	L1B 仮想フレーム分割数
250m	5000
500m	2500
1000m	1250

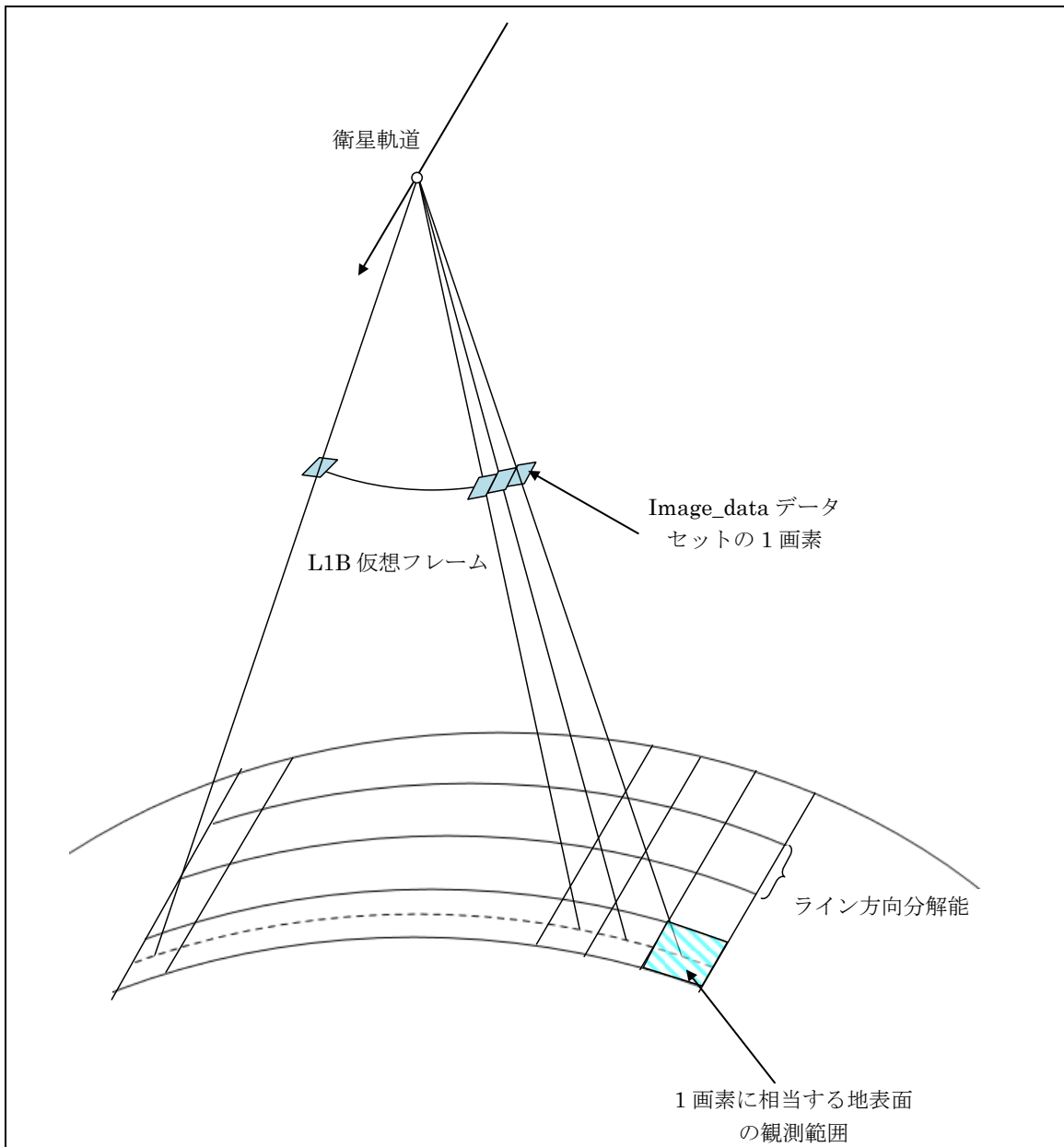


図 3.8-6 Image_data データセットの 1 画素相当の観測範囲

3.9 地球楕円体モデル

SGLIレベル1プロダクトでは、地球の楕円体モデルとしてWGS84地球楕円体を使用する。WGS84楕円体モデルの諸元を「表 3.9-1」に示す。

SGLIレベル1プロダクトに含まれる緯度および経度は、WGS84楕円体モデルにおける標高値0m地点の測地緯度および経度である。

表 3.9-1 WGS84 楕円体モデル諸元

項目	定義
長半径	6378137.0m
短半径	6356752.314245m
扁平率の逆数	298.257223563

3.10 緯度・経度

SGLIレベル1プロダクトにおける緯度と経度は、3.9 の地球楕円体モデルにおいて、標高値を0mとした場合の測地緯度および経度とする。

緯度・経度は北緯および東経を+、南緯および西経を-で表し、それぞれの値域を以下のように定義する。

$$-90[\text{degree}] \leq \text{Latitude} \leq 90[\text{degree}]$$

$$-180[\text{degree}] < \text{Longitude} \leq 180[\text{degree}]$$

3.11 時刻系

SGLIレベル1プロダクトにおける、時刻に関する項目は、TAI時刻系、GPS時刻系、UTCのいずれかで表現する。それぞれの時刻系の定義を「表 3.11-1」に示す。

表 3.11-1 時刻系一覧

No.	時刻系名称	定義	関連グループ 関連データセット	備考
1.	UTC 時刻	協定世界時。 YYYYMMDD hh:mm:ss.sss または YYYYMMDD hh:mm:ss 形式で表記。	【L1A/L1B 共通】 ・ シーン開始時刻 ・ シーン終了時刻 ・ シーン中心時刻 ・ 昇交点通過時刻 ・ 最終マヌーバ開始時刻 ・ 最終マヌーバ終了時刻 ・ プロダクト処理時刻 ・ エポック時刻	—
2.	TAI 時刻	1993/1/1 エポックの通 算積算秒。 秒表記。	【L1A のみ】 ・ Scan_start_time_TAI	—
3.	GPS 時刻	1980/1/6 エポックの通 算積算秒。 秒表記。	【L1A/L1B 共通】 ・ Navigation_time ・ Attitude_time	—

3.12 余剰領域

プロダクトの項目の中には、8ビットのうち5ビットしか使用しないなど、全ての領域を使用しない場合がある。このような場合、使用しない領域には0を格納する。

3.13 格納値の有効範囲

格納値に有効範囲がある項目は、各データセットのアトリビュートに最大値、最小値を記載する。特に記述がない限り、その格納値の有効範囲は最大値 \geq Value \geq 最小値である。その他の場合は該当データセットのData_descriptionに有効範囲を記載する。

3.14 配列

2次元以上の配列では、0次元目の要素が最も外側の次元となる。

3.15 L1B プロダクトの SI 値から分光放射輝度値を復元する方法

3.15.1 VNR-NP

3.15.1.1 概要

プロダクトに格納されている観測データについて、SI (Scaled Integer) 値と分光放射輝度値の関係を、図 3.15.1.1-1 に示す。

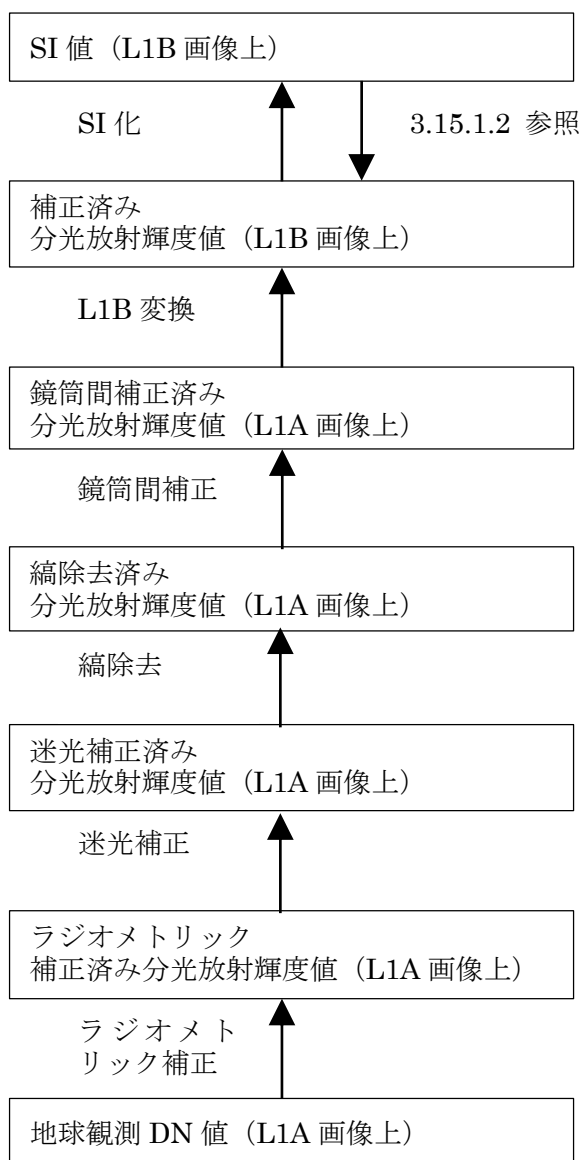


図 3.15.1.1-1 SI 値と分光放射輝度値の関係 (VNR-NP)

3.15.1.2 SI 値から補正済み分光放射輝度値を復元する方法

(1) 変数一覧

復元に使用する変数を、表 3.15-1 に示す。

表 3.15-1 SI 値→補正済み分光放射輝度値 変数一覧 (VNR-NP)

No.	入力／出力	Symbol	Name	Type/Remark
1.	出力	$[L_{NP}]_{ch,r,l_B,p_B}$	VNR-NP分光放射輝度 $[W \cdot sr^{-1} \cdot m^{-2} \cdot \mu m^{-1}]$	Float
2.	入力	$[SI_{NP}]_{ch,r,l_B,p_B}$	VNR-NP分光放射輝度の Scaled Integer 値。プロダクトに格納される。 Image_data/Lt_VN**	Int
3.	入力	$[slope_{NP}]_{ch}$	SI 値から分光放射輝度を復元するための係数。プロダクトに格納される。 Image_data/Lt_VN**/slope	Float
4.	入力	$[offset_{NP}]_{ch}$	SI 値から分光放射輝度を復元するための係数。プロダクトに格納される。 Image_data/Lt_VN**/offset	Float

表 3.15-2 ループ変数名一覧

No.	symbol	name	content
1.	ch	チャンネル	VN 01...11
2.	r	解像度	1km, 250m
3.	l_B	スキャン (Along track direction)	L1B 画像上のライン番号。可変数。
4.	p_B	ピクセル (Cross track direction)	L1B 画像上のピクセル番号。 [1km] 1...1250 [250m] 1...5000

(2) 復元

SI 値 $[SI_{NP}]_{ch,r,l_B,p_B}$ から 分光放射輝度値 $[L_{NP}]_{ch,r,l_B,p_B}$ を復元する式を、式 3.15.1.2-1 に示す。SI 値 $[SI_{NP}]_{ch,r,l_B,p_B}$ (16bit) の上位 2bit は迷光補正フラグおよび迷光量符号フラグであるため、 $(3FFF)_h$ (つまり $(16383)_d$) でマスクして下位 14bit を抽出してから、slope、offset の値を適用する。

$$[L_{NP}]_{ch,r,l_B,p_B} = [slope_{NP}]_{ch} \times ([SI_{NP}]_{ch,r,l_B,p_B} \& 3FFF) + [offset_{NP}]_{ch} \quad \text{式 3.15.1.2-1}$$

ただし、下位 14bit を抽出したあとの値が $(16383)_d$ のときは欠損値であるため、式 3.15.1.2-1 の適用外である。 $(16382)_d$ のときは、式 3.15.1.2-1 を適用可能であるが、飽和値である。

3.15.2 VNR-PL

3.15.2.1 概要

プロダクトに格納されている観測データについて、SI (Scaled Integer) 値と分光放射輝度値の関係を、図 3.15.2.1-1 に示す。

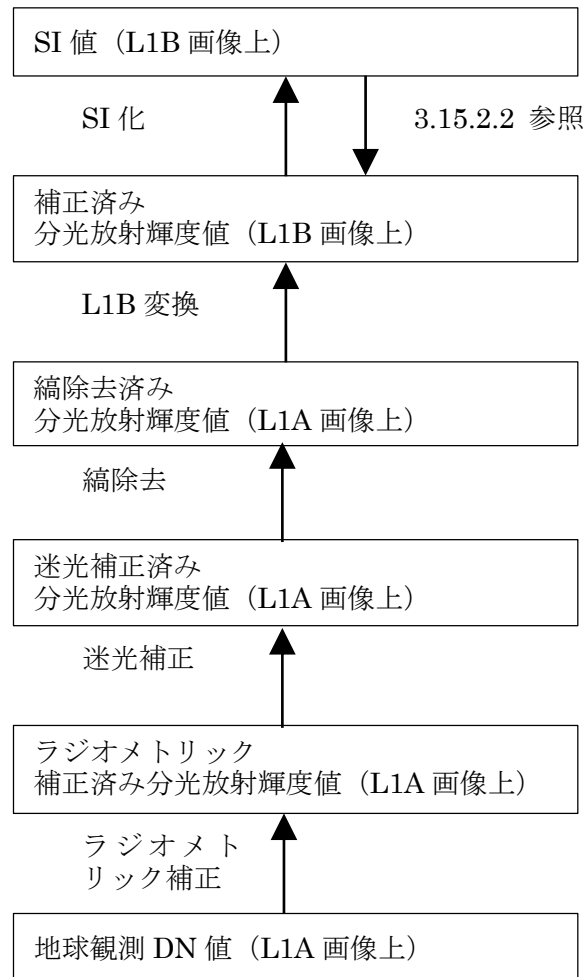


図 3.15.2.1-1 SI 値と分光放射輝度値の関係 (VNR-PL)

3.15.2.2 SI 値から補正済み分光放射輝度値を復元する方法

(1) 変数一覧

復元に使用する変数を、表 3.15-1 に示す。

表 3.15-3 SI 値→補正済み分光放射輝度値 変数一覧 (VNR-PL)

No.	入力／出力	Symbol	Name	Type/Remark
1.	出力	$[L_{PL}]_{ch,l_B,p_B}$	VNR-PL分光放射輝度 [$W \cdot sr^{-1} \cdot m^{-2} \cdot \mu m^{-1}$]	Float
2.	入力	$[SI_{PL}]_{ch,l_B,p_B}$	VNR-PL分光放射輝度の Scaled Integer 値。プロダクトに格納される。 Image_data/Lt_VN**	Int
3.	入力	$[slope_{PL}]_{ch}$	SI 値から分光放射輝度を復元するための係数。プロダクトに格納される。 Image_data/Lt_P*/slope	Float
4.	入力	$[offset_{PL}]_{ch}$	SI 値から分光放射輝度を復元するための係数。プロダクトに格納される。 Image_data/Lt_P*/offset	Float

表 3.15-4 ループ変数名一覧

No.	symbol	name	content
1.	ch	チャンネル	P1 -60° P2 -60° P1 0° P2 0° P1 +60° P2 +60°
2.	l_B	スキャン (Along track direction)	L1B 画像上のライン番号。可変数。
3.	p_B	ピクセル (Cross track direction)	L1B 画像上のピクセル番号。 [1km] 1...1000

(2) 復元

SI 値 $[SI_{PL}]_{ch,l_b,p_B}$ から 分光放射輝度値 $[L_{PL}]_{ch,l_b,p_B}$ を復元する式を、式 3.15.2.2-1 に示す。SI 値 $[SI_{PL}]_{ch,l_b,p_B}$ (16bit) の上位 2bit は迷光補正フラグおよび迷光量符号フラグであるため、 $(3FFF)_h$ (つまり $(16383)_d$) でマスクして下位 14bit を抽出してから、slope、offset の値を適用する。

$$[L_{PL}]_{ch,l_b,p_B} = [slope_{PL}]_{ch} \times ([SI_{PL}]_{ch,l_b,p_B} \& 3FFF) + [offset_{PL}]_{ch} \quad \text{式 3.15.2.2-1}$$

ただし、下位 14bit を抽出したあとの値が $(16383)_d$ のときは欠損値であるため、式 3.15.2.2-1 の適用外である。 $(16382)_d$ のときは、式 3.15.2.2-1 を適用可能であるが、飽和値である。

3.15.3 IRS-SWI

3.15.3.1 概要

プロダクトに格納されている観測データについて、SI (Scaled Integer) 値と分光放射輝度値の関係を、図 3.15.3.1-1 に示す。

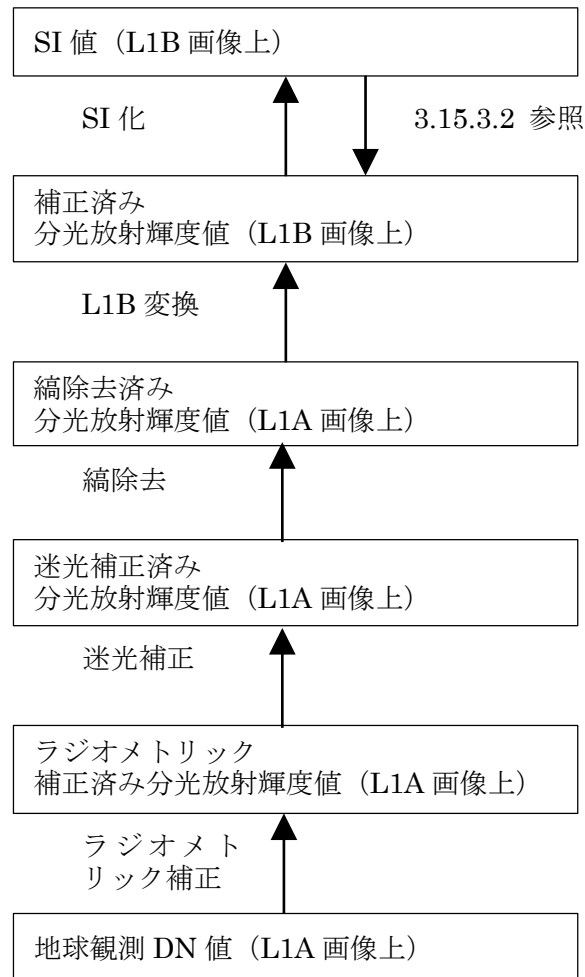


図 3.15.3.1-1 SI 値と分光放射輝度値の関係 (IRS-SWI)

3.15.3.2 SI 値から補正済み分光放射輝度値を復元する方法

(1) 変数一覧

復元に使用する変数を、表 3.15-5 に示す。

表 3.15-5 SI 値→補正済み分光放射輝度値 変数一覧 (IRS-SWI)

No.	入力／出力	Symbol	Name	Type/Remark
1.	出力	$[L_{SWI}]_{ch,r,l_B,p_B}$	IRS-SWI分光放射輝度 $[W \cdot sr^{-1} \cdot m^{-2} \cdot \mu m^{-1}]$	Float
2.	入力	$[SI_{SWI}]_{ch,r,l_B,p_B}$	IRS-SWI分光放射輝度の Scaled Integer 値。プロダクトに格納される。 Image_data/Lt_SW0*	Int
3.	入力	$[slope_{SWI}]_{ch}$	SI 値から分光放射輝度を復元するための係数。プロダクトに格納される。 Image_data/Lt_SW0*/slope	Float
4.	入力	$[offset_{SWI}]_{ch}$	SI 値から分光放射輝度を復元するための係数。プロダクトに格納される。 Image_data/Lt_SW0*/offset	Float

表 3.15-6 ループ変数名一覧

No.	symbol	name	content
1.	ch	チャンネル	SW01, SW02, SW03, SW04
2.	r	解像度	1km, 250m
3.	l_B	スキャン (Along track direction)	L1B 画像上のライン番号。可変数。
4.	p_B	ピクセル (Cross track direction)	L1B 画像上のピクセル番号。 [1km] 1...1250 [250m] 1...5000

(2) 復元

SI 値 $[SI_{SWI}]_{ch,r,l_B,p_B}$ から分光放射輝度値 $[L_{SWI}]_{ch,r,l_B,p_B}$ を復元する式を、式 3.15.3.2-1 に示す。SI 値 $[SI_{SWI}]_{ch,r,l_B,p_B}$ (16bit) の上位 2bit は迷光補正フラグおよび迷光量符号フラグであるため、 $(3FFF)_h$ (つまり $(16383)_d$) でマスクして下位 14bit を抽出してから、slope、offset の値を適用する。

$$[L_{SWI}]_{ch,r,l_B,p_B} = [slope_{SWI}]_{ch} \times ([SI_{SWI}]_{ch,r,l_B,p_B} \& 3FFF) + [offset_{SWI}]_{ch} \quad \text{式 3.15.3.2-1}$$

ただし、下位 14bit を抽出したあとの値が $(16383)_d$ のときは欠損値であるため、式 3.15.3.2-1 の適用外である。 $(16382)_d$ のときは、式 3.15.3.2-1 を適用可能であるが、飽和値である。

3.15.4 IRS-TIR

3.15.4.1 概要

プロダクトに格納されている観測データについて、SI (Scaled Integer) 値と分光放射輝度値の関係を、図 3.15.4.1-1 に示す。

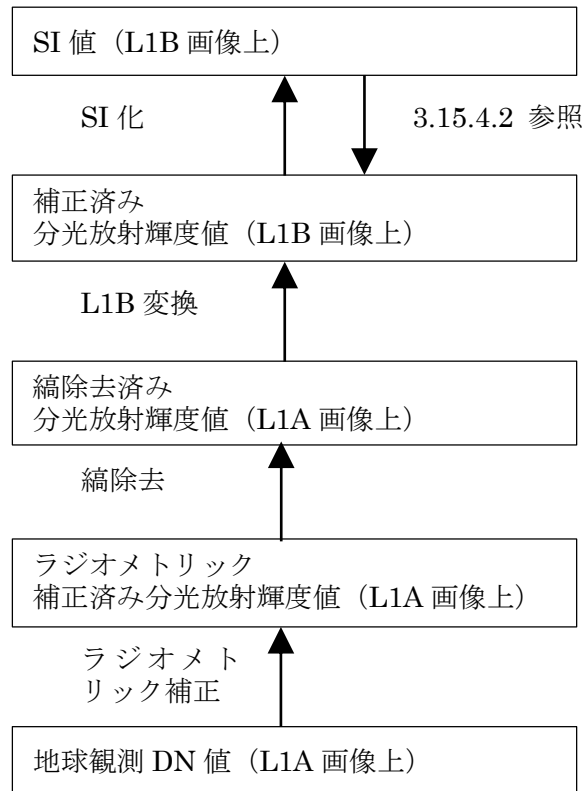


図 3.15.4.1-1 SI 値と分光放射輝度値の関係 (IRS- TIR)

3.15.4.2 SI 値から補正済み分光放射輝度値を復元する方法

(1) 変数一覧

復元に使用する変数を、表 3.15-7 に示す。

表 3.15-7 SI 値→補正済み分光放射輝度値 変数一覧 (IRS- TIR)

No.	入力／出力	Symbol	Name	Type/Remark
1.	出力	$[L_{TIR}]_{ch,r,l_B,p_B}$	IRS-TIR分光放射輝度 $[W \cdot sr^{-1} \cdot m^{-2} \cdot \mu m^{-1}]$	Float
2.	入力	$[SI_{TIR}]_{ch,r,l_B,p_B}$	IRS-TIR分光放射輝度の Scaled Integer 値。プロダクトに格納される。 Image_data/Lt_TIO*	Int
3.	入力	$[slope_{TIR}]_{ch}$	SI 値から分光放射輝度を復元するための係数。プロダクトに格納される。 Image_data/Lt_TIO*/slope	Float
4.	入力	$[offset_{TIR}]_{ch}$	SI 値から分光放射輝度を復元するための係数。プロダクトに格納される。 Image_data/Lt_TIO*/offset	Float

表 3.15-8 ループ変数名一覧

No.	symbol	name	content
1.	ch	チャンネル	TI01, TI02
2.	r	解像度	1km, 500m, 250m
3.	l_B	スキャン (Along track direction)	L1B 画像上のライン番号。可変数。
4.	p_B	ピクセル (Cross track direction)	L1B 画像上のピクセル番号。 [1km] 1...1250 [500m] 1...2500 [250m] 1...5000

(2) 復元

SI 値 $[SI_{TIR}]_{ch,r,l_b,p_B}$ から分光放射輝度値 $[L_{TIR}]_{ch,r,l_b,p_B}$ を復元する式を、式 3.15.4.2-1 に示す。SI 値 $[SI_{TIR}]_{ch,r,l_b,p_B}$ (16bit) の上位 2bit は迷光補正フラグおよび迷光量符号フラグであるため、 $(3FFF)_h$ (つまり $(16383)_d$) でマスクして下位 14bit を抽出してから、slope、offset の値を適用する。

$$[L_{TIR}]_{ch,r,l_b,p_B} = [slope_{TIR}]_{ch} \times ([SI_{TIR}]_{ch,r,l_b,p_B} \& 3FFF) + [offset_{TIR}]_{ch} \quad \text{式 3.15.4.2-1}$$

ただし、下位 14bit を抽出したあとの値が $(16383)_d$ のときは欠損値であるため、式 3.15.4.2-1 の適用外である。 $(16382)_d$ のときは、式 3.15.4.2-1 を適用可能であるが、飽和値である。

3.16 総合品質の源泉データ

プロダクトの総合品質を決定する際には、表 3.16-1～表 3.16-3に示す品質データのうち最も品質が悪いものを総合品質として採用する。

表 3.16-1の品質データについては[Global_attributes/Individual_quality_info]に格納される。

○[Global_attributes/Individual_quality_info]の定義

[Global_attributes/Individual_quality_info]には表 3.16-1に示す品質データの品質判定結果に対応する識別子を表の上から順に並べて表示する。

<品質データの識別子>

Good : G

Fair : F

Poor : P

NG : N

※対象外の項目(表で”-“になっている項目)は出力しない。

表 3.16-1～表 3.16-3に示す品質データの品質を判定する際は下記の条件を用いることを原則とする。個々の品質データに対して採用される条件は表 3.16-4に記載する。

<品質データの判定条件>

- 1 観測OFF区間はミッションデータ関連の品質データは総合品質の評価対象外とする。
- 2 [Data_quality_flag/Qf_scan]の値が「011」、「100」、「101」の区間はミッションデータ関連の品質データは総合品質の評価対象外とする。

○[Data_quality_flag/Qf_scan]の定義

000 : Normal line

001 : Lack line

011 : Lack line (1km/500m->250m or 1km->500m)

100 : Lack line (for calibration)

101 : Lack line (for synchronization between sensors)

010 : Resampling line (250m->1km/500m)

110 : Resampling line (500m->1km)

111 : Mixed line (000,001,011,100,101,010,110)

※「001」、「011」、「100」、「101」の区間が重なった場合、下記の優先度で[Data_quality_flag/Qf_scan]に値が格納される。

優先度高 > > > 優先度低

「101」 > 「100」 > 「001」 > 「011」

表 3.16-1 総合品質の源泉となるデータ(L1A)

No.	データ名		総合品質の評価対象		
			VNR	POL	IRS
1	/Global_attributes/Missing_lines_rate	欠損率	対象	対象	対象
2	/Global_attributes/Saturated_pixels_rate	飽和ピクセル率	対象	対象	対象
3	/Converted_PCD/AOCS_mode	AOCS 制御モード	対象	対象	対象
4	/Data_quality_flag/Qf_data_filter	偏光フィルタの接合面無効値フラグ	-	対象	-
5	/Data_quality_flag/Qf_GPS	GPS の受信状況	対象	対象	対象
6	/Data_quality_flag/Qf_sc_position	衛星の位置の品質フラグ	対象	対象	対象
7	/Data_quality_flag/Qf_sc_velocity	衛星の速度の品質フラグ	対象	対象	対象
8	/Data_quality_flag/Qf_sc_attitude_quaternion	衛星の姿勢(クォータニオン)の品質フラグ	対象	対象	対象
9	/Data_quality_flag/Qf_sc_attitude_eular_angle	衛星の姿勢(オイラー角)の品質フラグ	対象	対象	対象
10	/Data_quality_flag/Qf_sc_status	衛星の状態を示すフラグ	対象	対象	対象
11	/Data_quality_flag/Qf_shutter_set	積分時間不定フラグ	対象	対象	-
12	/Data_quality_flag/Qf_tilt_angle	チルト角の品質フラグ	対象	対象	-
13	/Data_quality_flag/Qf_CCD_temperature_VN	CCD 温度の品質フラグ(NP)	対象	-	-
14	/Data_quality_flag/Qf_CCD_temperature_PL	CCD 温度の品質フラグ(PL)	-	対象	-
15	/Data_quality_flag/Qf_LWIR_temperature	LWIR(TIR)温度の品質フラグ	-	-	対象
16	/Data_quality_flag/Qf_SWIR_temperature	SWIR 温度の品質フラグ	-	-	対象
17	/Data_quality_flag/Qf_LED_temperature	LED 温度の品質フラグ	-	-	-
18	/Data_quality_flag/Qf_halogen_temperature	ハロゲン温度の品質フラグ	-	-	-
19	/Data_quality_flag/Qf_blackbody_temperature	黒体温度の品質フラグ	-	-	対象
20	/Data_quality_flag/Qf_ASP_temperature	ASP 温度の品質フラグ	対象	対象	対象
21	/Data_quality_flag/Qf_sun_monitor_temperature	光量モニタの品質フラグ	-	-	-
22	/Data_quality_flag/Qf_diffuser	拡散板の品質フラグ	対象	対象	-
23	/Data_quality_flag/Qf_preamp_temperature	プリアンプ温度の品質フラグ	-	-	対象
24	/Data_quality_flag/Qf_around_blackbody_temperature	黒体周辺温度の品質フラグ	-	-	対象
25	/Data_quality_flag/Qf_moon_interference (/Data_quality_flag/Qf_moon_affect)	深宇宙窓からの月影響算出フラグ	-	-	対象
26	/Converted_PCD/Orbit_source	軌道情報の源泉種別	対象	対象	対象
27	/Converted_PCD/Attitude_source	姿勢情報の源泉種別	対象	対象	対象
28	/Global_attributes/Geometric_information_error_rate	幾何情報の算出結果異常率	対象	対象	対象

表 3.16-2 総合品質の源泉となるデータ(L1B)

No.	データ名		総合品質の評価対象		
			VNR	POL	IRS
1	/Global_attributes/Missing_lines_rate	欠損率	対象	対象	対象
2	/Global_attributes/Saturated_pixels_rate	飽和ピクセル率	対象	対象	対象
3	/Converted_PCD/AOCS_mode	AOCS 制御モード	対象	対象	対象
4	/Data_quality_flag/Qf_data_filter	偏光フィルタの接合面無効値フラグ	-	対象	-
5	/Data_quality_flag/Qf_GPS	GPS の受信状況	対象	対象	対象
6	/Data_quality_flag/Qf_sc_position	衛星の位置の品質フラグ	対象	対象	対象
7	/Data_quality_flag/Qf_sc_velocity	衛星の速度の品質フラグ	対象	対象	対象
8	/Data_quality_flag/Qf_sc_attitude_quaternion	衛星の姿勢(クォータニオン)の品質フラグ	対象	対象	対象
9	/Data_quality_flag/Qf_sc_attitude_eular_angle	衛星の姿勢(オイラー角)の品質フラグ	対象	対象	対象
10	/Data_quality_flag/Qf_sc_status	衛星の状態を示すフラグ	対象	対象	対象
11	/Data_quality_flag/Qf_shutter_set	積分時間不定フラグ	対象	対象	-
12	/Data_quality_flag/Qf_tilt_angle	チルト角の品質フラグ	対象	対象	-
13	/Data_quality_flag/Qf_CCD_temperature_VN	CCD 温度の品質フラグ(NP)	対象	対象	-
14	/Data_quality_flag/Qf_CCD_temperature_PL	CCD 温度の品質フラグ(PL)	-	対象	-
15	/Data_quality_flag/Qf_LWIR_temperature	LWIR(TIR)温度の品質フラグ	-	-	対象
16	/Data_quality_flag/Qf_SWIR_temperature	SWIR 温度の品質フラグ	-	-	対象
17	/Data_quality_flag/Qf_LED_temperature	LED 温度の品質フラグ	-	-	-
18	/Data_quality_flag/Qf_halogen_temperature	ハロゲン温度の品質フラグ	-	-	-
19	/Data_quality_flag/Qf_blackbody_temperature	黒体温度の品質フラグ	-	-	対象
20	/Data_quality_flag/Qf_ASP_temperature	ASP 温度の品質フラグ	対象	対象	対象
21	/Data_quality_flag/Qf_sun_monitor_temperature	光量モニタの品質フラグ	-	-	-
22	/Data_quality_flag/Qf_diffuser	拡散板の品質フラグ	対象	対象	-
23	/Data_quality_flag/Qf_preamp_temperature	プリアンプ温度の品質フラグ	-	-	対象
24	/Data_quality_flag/Qf_around_blackbody_temperature	黒体周辺温度の品質フラグ	-	-	対象
25	/Data_quality_flag/Qf_moon_interference (/Data_quality_flag/Qf_moon_affect)	深宇宙窓からの月影響算出フラグ	-	-	対象
26	/Converted_PCD/Orbit_source	軌道情報の源泉種別	対象	対象	対象
27	/Converted_PCD/Attitude_source	姿勢情報の源泉種別	対象	対象	対象
28	/Global_attributes/Geometric_information_error_rate	幾何情報の算出結果異常率	対象	対象	対象

表 3.16-3 総合品質の源泉となるデータ(校正)

No.	データ名	総合品質の評価対象	
		共通	
1	/Global_attributes/Missing_lines_rate	欠損率	対象
2	/Global_attributes/Saturated_pixels_rate	飽和ピクセル率	対象
3	/Converted_PCD/AOCS_mode	AOCS 制御モード	-
4	/Data_quality_flag/Qf_data_filter	偏光フィルタの接合面無効値フラグ	-
5	/Data_quality_flag/Qf_GPS	GPS の受信状況	対象
6	/Data_quality_flag/Qf_sc_position	衛星の位置の品質フラグ	対象
7	/Data_quality_flag/Qf_sc_velocity	衛星の速度の品質フラグ	対象
8	/Data_quality_flag/Qf_sc_attitude_quaternion	衛星の姿勢(クォータニオン)の品質フラグ	対象
9	/Data_quality_flag/Qf_sc_attitude_eular_angle	衛星の姿勢(オイラー角)の品質フラグ	対象
10	/Data_quality_flag/Qf_sc_status	衛星の状態を示すフラグ	対象
11	/Data_quality_flag/Qf_shutter_set	積分時間不定フラグ	-
12	/Data_quality_flag/Qf_tilt_angle	チルト角の品質フラグ	対象
13	/Data_quality_flag/Qf_CCD_temperature_VN	CCD 温度の品質フラグ (NP)	-
14	/Data_quality_flag/Qf_CCD_temperature_PL	CCD 温度の品質フラグ (PL)	対象
15	/Data_quality_flag/Qf_LWIR_temperature	LWIR(TIR)温度の品質フラグ	-
16	/Data_quality_flag/Qf_SWIR_temperature	SWIR 温度の品質フラグ	-
17	/Data_quality_flag/Qf_LED_temperature	LED 温度の品質フラグ	対象
18	/Data_quality_flag/Qf_halogen_temperature	ハロゲン温度の品質フラグ	-
19	/Data_quality_flag/Qf_blackbody_temperature	黒体温度の品質フラグ	-
20	/Data_quality_flag/Qf_ASP_temperature	ASP 温度の品質フラグ	対象
21	/Data_quality_flag/Qf_sun_monitor_temperature	光量モニタの品質フラグ	対象
22	/Data_quality_flag/Qf_diffuser	拡散板の品質フラグ	対象
23	/Data_quality_flag/Qf_preamp_temperature	プリアンプ温度の品質フラグ	-
24	/Data_quality_flag/Qf_around_blackbody_temperature	黒体周辺温度の品質フラグ	-
25	/Data_quality_flag/Qf_moon_interference (/Data_quality_flag/Qf_moon_affect)	深宇宙窓からの月影響算出フラグ	-
26	/Converted_PCD/Orbit_source	軌道情報の源泉種別	対象
27	/Converted_PCD/Attitude_source	姿勢情報の源泉種別	対象
28	/Global_attributes/Geometric_information_error_rate	幾何情報の算出結果異常率	-

表 3.16-4 品質データごとの品質評価対象外区間

No.	データ名		品質評価対象外区間			
			観測 OFF	Qf_scan の値		
				011	100	101
1	/Global_attributes/Missing_lines_rate	欠損率	対象外	対象外	対象外	対象外
2	/Global_attributes/Saturated_pixels_rate	飽和ピクセル率	対象外	対象外	対象外	対象外
3	/Converted_PCD/AOCS_mode	AOCS 制御モード	対象外	-	-	-
4	/Data_quality_flag/Qf_data_filter	偏光フィルタの接合面無効値フラグ	-	-	-	-
5	/Data_quality_flag/Qf_GPS	GPS の受信状況	対象外	-	-	-
6	/Data_quality_flag/Qf_sc_position	衛星の位置の品質フラグ	対象外	-	-	-
7	/Data_quality_flag/Qf_sc_velocity	衛星の速度の品質フラグ	対象外	-	-	-
8	/Data_quality_flag/Qf_sc_attitude_quaternion	衛星の姿勢(クォータニオン)の品質フラグ	対象外	-	-	-
9	/Data_quality_flag/Qf_sc_attitude_eular_angle	衛星の姿勢(オイラー角)の品質フラグ	対象外	-	-	-
10	/Data_quality_flag/Qf_sc_status	衛星の状態を示すフラグ	-	-	-	-
11	/Data_quality_flag/Qf_shutter_set	積分時間不定フラグ	対象外	対象外	対象外	対象外
12	/Data_quality_flag/Qf_tilt_angle	チルト角の品質フラグ	対象外	対象外	対象外	対象外
13	/Data_quality_flag/Qf_CCD_temperature_VN	CCD 温度の品質フラグ(NP)	対象外	対象外	対象外	対象外
14	/Data_quality_flag/Qf_CCD_temperature_PL	CCD 温度の品質フラグ(PL)	対象外	対象外	対象外	対象外
15	/Data_quality_flag/Qf_LWIR_temperature	LWIR(TIR)温度の品質フラグ	対象外	対象外	対象外	対象外
16	/Data_quality_flag/Qf_SWIR_temperature	SWIR 温度の品質フラグ	対象外	対象外	対象外	対象外
17	/Data_quality_flag/Qf_LED_temperature	LED 温度の品質フラグ	対象外	対象外	対象外	対象外
18	/Data_quality_flag/Qf_halogen_temperature	ハロゲン温度の品質フラグ	対象外	対象外	対象外	対象外
19	/Data_quality_flag/Qf_blackbody_temperature	黒体温度の品質フラグ	対象外	対象外	対象外	対象外
20	/Data_quality_flag/Qf_ASP_temperature	ASP 温度の品質フラグ	対象外	対象外	対象外	対象外
21	/Data_quality_flag/Qf_sun_monitor_temperature	光量モニタの品質フラグ	対象外	対象外	対象外	対象外
22	/Data_quality_flag/Qf_diffuser	拡散板の品質フラグ	対象外	対象外	対象外	対象外
23	/Data_quality_flag/Qf_preamp_temperature	プリアンプ温度の品質フラグ	対象外	対象外	対象外	対象外
24	/Data_quality_flag/Qf_around_blackbody_temperature	黒体周辺温度の品質フラグ	対象外	対象外	対象外	対象外
25	/Data_quality_flag/Qf_moon_interference (/Data_quality_flag/Qf_moon_affect)	深宇宙窓からの月影響算出フラグ	対象外	対象外	対象外	対象外
26	/Converted_PCD/Orbit_source	軌道情報の源泉種別	-	-	-	-
27	/Converted_PCD/Attitude_source	姿勢情報の源泉種別	-	-	-	-
28	/Global_attributes/Geometric_information_error_rate	幾何情報の算出結果異常率	-	-	-	-

4 レベル1A プロダクト

4.1 概要

衛星からのデータに対して、3.2 章に示したレベル1A処理を施した、RAWデータ (DN値) および、RAWデータについての各種情報を付加したプロダクトをレベル1Aプロダクトとする。

4.2 プロダクト詳細

4.2.1 VNR-NP

4.2.1.1 設定項目一覧

別紙_L1プロダクトフォーマット一覧参照

4.2.1.2 設定項目特記事項

4.2.1.2.1 Geometry_data

(1) 格子点データ

Geometry_data において、緯度経度など一部項目については、画像に対して格子状に間引きして値を格納する。間引きは画像の左上端の画素を基準として、等画素数の間隔とする。画像のサイズが格子点の間隔で割り切れない場合、右端および下端の格子点はプロダクトの画像の外側の点のデータとなる。格子点の定義について概略図を「図 4.2-1」に示す。

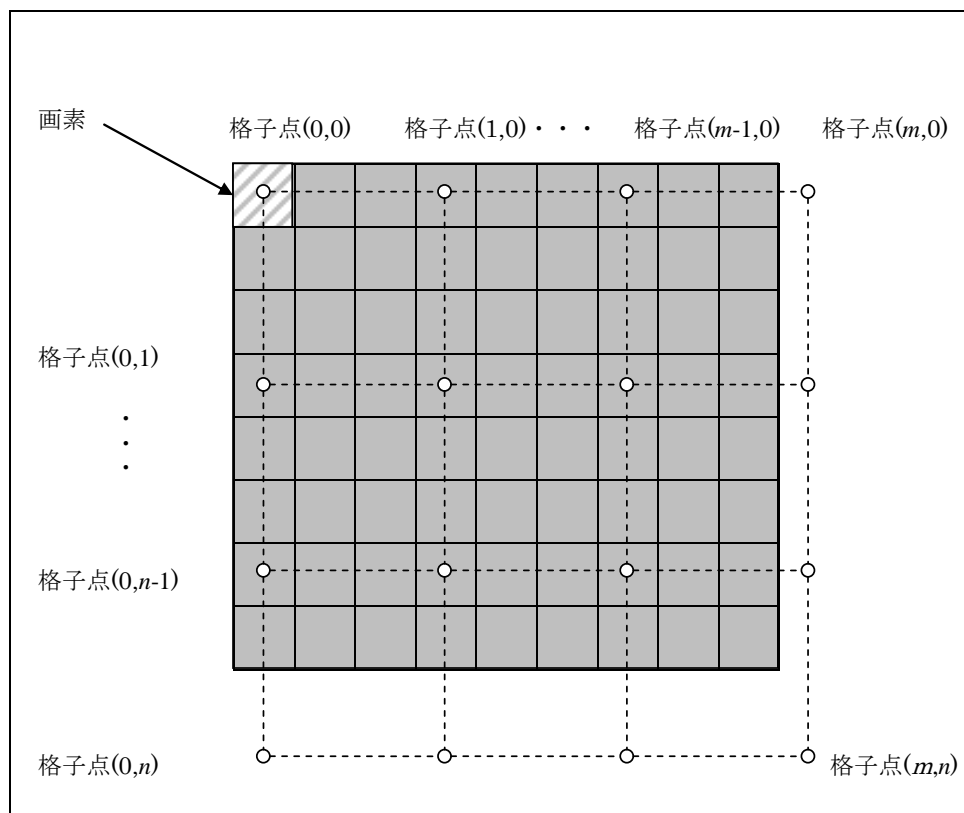


図 4.2-1 Geometry_data における格子の決め方

(2) 方位角 (Azimuth Angle)、天頂角 (Zenith Angle)

太陽方位角 (Solar Azimuth) は、衛星座標原点から Y 軸方向へのベクトルと衛星座標原点から太陽へのベクトルとが成す角度とし、Y 軸正方向から時計回りに以下の値域で定義する。

$$-180[\text{degree}] < \text{Solar Azimuth} \leq 180[\text{degree}]$$

太陽天頂角 (Solar Zenith) は、衛星座標原点から Z 軸方向へのベクトルと衛星座標原点から太陽へのベクトルとが成す、Z 軸負方向からの角度とし、以下の値域で定義する。

$$0[\text{degree}] \leq \text{Solar Zenith} \leq 180[\text{degree}]$$

月方位角 (Moon Azimuth)、月天頂角 (Moon Zenith) についても同様である。

方位角の概略図を「図 4.2-2」に、天頂角の概略図を「図 4.2-3」に示す。

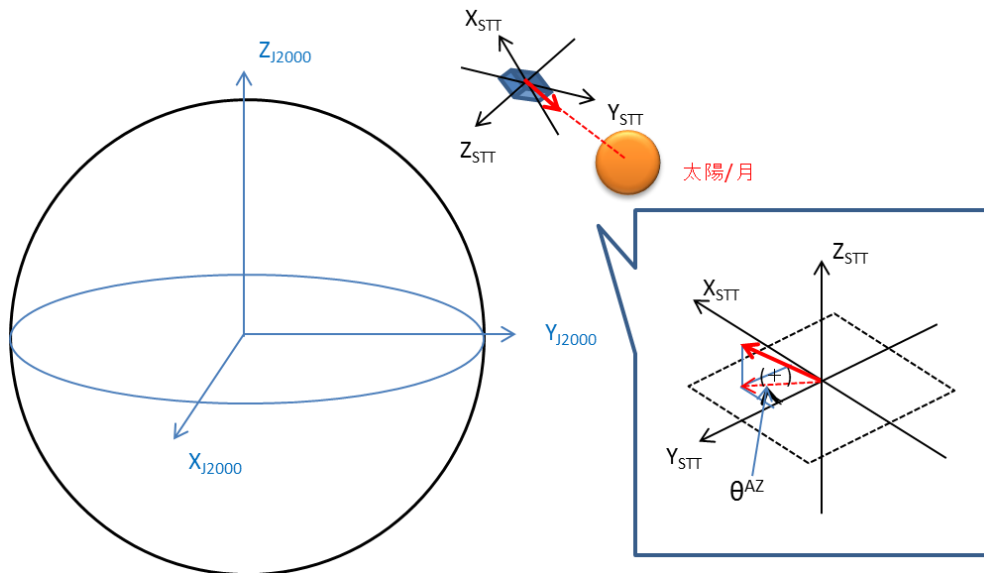


図 4.2-2 方位角の定義

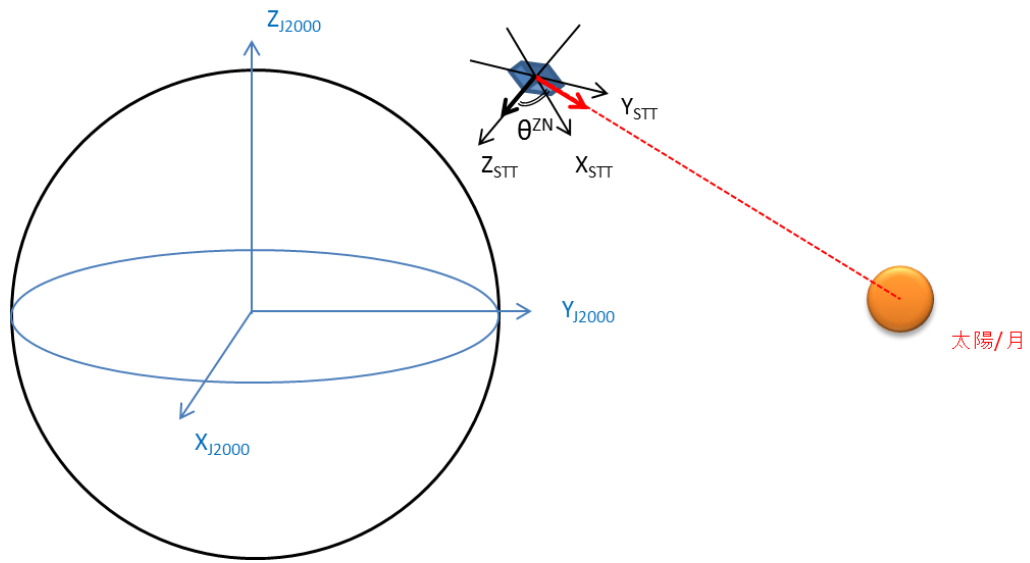


図 4.2-3 天頂角の定義

4.2.2 VNR-PL

4.2.2.1 設定項目一覧

別紙_L1プロダクトフォーマット一覧参照

4.2.2.2 設定項目特記事項

4.2.2.2.1 Geometry_data

4.2.1.2.1 を参照。

4.2.3 IRS

4.2.3.1 設定項目一覧

別紙_L1プロダクトフォーマット一覧参照

4.2.3.2 設定項目特記事項

4.2.3.2.1 Geometry_data

(1) 格子点データ

4.2.1.2.1(1) を参照

(2) 方位角 (Azimuth Angle)、天頂角 (Zenith Angle)

4.2.1.2.1(2) を参照

(3) 月方向ベクトルと衛星 Y 軸のはさみ角

衛星座標原点から月方向へのベクトルと衛星 Y 軸が成す角度を以下の値域で定義する。

$$0[\text{degree}] \leq \text{Angle} \leq 180[\text{degree}]$$

月方向ベクトルと衛星 Y 軸のはさみ角の概略図を「図 4.2-4」に示す。

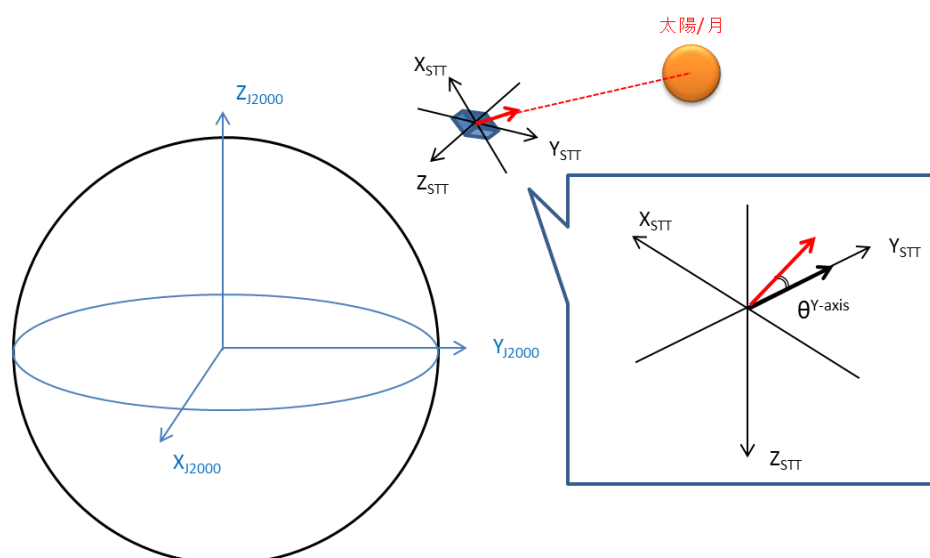


図 4.2-4 月方向ベクトルと衛星 Y 軸のはさみ角の定義

5 レベル 1B プロダクト

5.1 概要

レベル1Aプロダクトの情報に対して、3.2 章に示したレベル1B処理を施した、分光放射輝度値（画像データ）および、分光放射輝度値についての各種情報を付加したプロダクトをレベル1Bプロダクトとする。

5.2 プロダクト詳細

5.2.1 VNR-NP

5.2.1.1 設定項目一覧

別紙_L1プロダクトフォーマット一覧参照

5.2.1.2 設定項目特記事項

5.2.1.2.1 Geometry_data

(1) 格子点データ

Geometry_data において、緯度経度など一部項目については、レベル 1B の画像に対して格子状に間引きして値を格納する。間引きの方法はレベル 1A プロダクトと同様であるが、基準となる画素や間隔画素数はレベル 1B の画像のものとなる。詳細は 4.2.1.2.1 を参照。

(2) 方位角（Azimuth Angle）、天頂角（Zenith Angle）

センサ方位角（Sensor Azimuth）は、各観測点の接平面に対して観測点から北方向へのベクトルと観測点からセンサの焦点位置へのベクトル（視線ベクトルの逆）とが成す角度とし、真北の方向から時計回りに以下の値域で定義する。

$$-180[\text{degree}] \leq \text{Sensor Azimuth} < +180[\text{degree}]$$

またセンサ天頂角(Sensor Zenith)は観測点からの垂線と観測点からセンサの焦点位置へのベクトルとが成す角度の絶対値とする。

太陽方位角(Solar Azimuth)および太陽天頂角(Solar Zenith)については、センサ方位角およびセンサ天頂角で用いたセンサの焦点位置へのベクトルを太陽位置ベクトルに置き換えたものである。なお、日陰観測時における太陽天頂角は 90[degree]から 180[degree]の値を取る。

方位角および天頂角の概略図を「図 5.2-1」に示す。

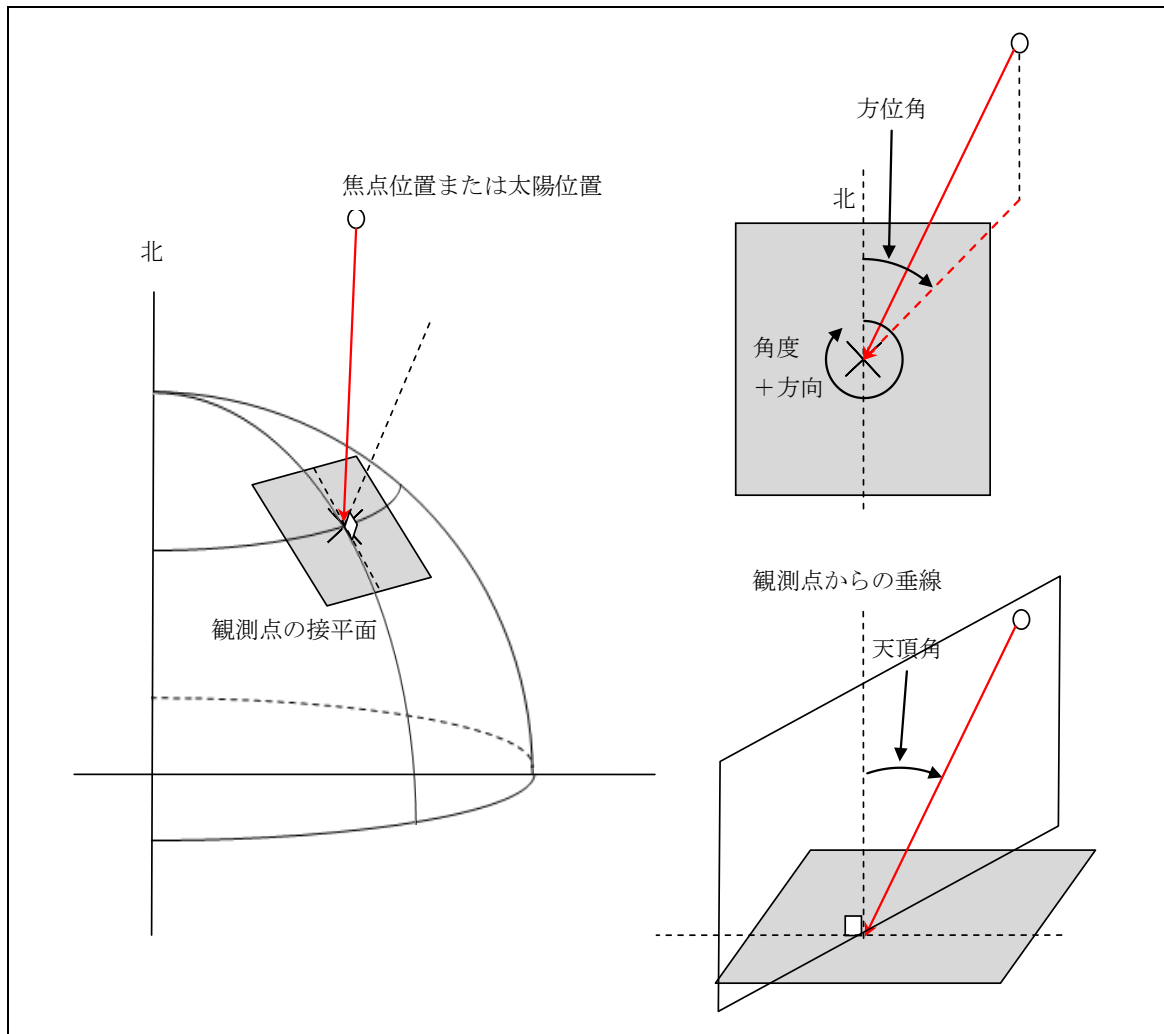


図 5.2-1 方位角および天頂角の定義

5.2.1.2.2 Image_data

(1) 陸海フラグ

SGLI レベル 1B プロダクトには、個々の画素に対応する陸域の割合を陸海フラグとして格納する。標高による位置ずれを補正した画素の中心緯度経度をもとに、個々の画素に対するフットプリント相当の四角形（衛星直下視で両辺が分解能相当の四角形）の枠を定義し、枠内に含まれる陸域の割合を計算した結果を格納する。

5.2.2 VNR-PL

5.2.2.1 設定項目一覧

別紙_L1プロダクトフォーマット一覧参照

5.2.2.2 設定項目特記事項

5.2.2.2.1Geometry_data

5.2.1.2.1 を参照。

5.2.2.2.2Image_data

5.2.1.2.2 を参照。

5.2.3 IRS

5.2.3.1 設定項目一覧

別紙_L1プロダクトフォーマット一覧参照

5.2.3.2 設定項目特記事項

5.2.3.2.1 Geometry_data

5.2.1.2.1 を参照。

5.2.3.2.2 Image_data

5.2.1.2.2 を参照。

6 レベル1B プロダクト（地上1km リサンプリング）

6.1 概要

レベル1Bプロダクトに対して、3.2 章に示した地上1kmリサンプリング処理を施し、画像データを低解像度にリサンプリングしたプロダクトをレベル1Bプロダクト（地上1kmリサンプリング）とする。

VNR-PLのプロダクトについては、VNR-PLの分解能が低解像度（1000m）のみのため、レベル1Bプロダクト（地上1kmリサンプリング）を作成しない。

6.2 プロダクト詳細

6.2.1 VNR-NP

6.2.1.1 設定項目一覧

別紙_L1プロダクトフォーマット一覧参照

6.2.1.2 設定項目特記

VNR-NPのレベル1Bプロダクト（地上1kmリサンプリング）の設定項目は、Image_dataデータセットを除き、L1Bプロダクトと同一である。したがって、5.2.1.2 章を参照。

6.2.2 VNR-PL

VNR-PLのレベル1Bプロダクト（地上1kmリサンプリング）は作成しない。

6.2.3 IRS

6.2.3.1 設定項目一覧

別紙_L1プロダクトフォーマット一覧参照

6.2.3.2 設定項目特記

IRSのレベル1Bプロダクト（地上1kmリサンプリング）の設定項目は、Image_dataデータセットを除き、L1Bプロダクトと同一である。したがって、5.2.3.2 章を参照。

6.2.4 特記事項

6.2.4.1 低分解能プロダクトからの補填

高分解能レベル1Bプロダクトでは、プロダクトの範囲内に低分解能の観測データが含まれる場合に、低分解能で観測した領域には無効値を出力している。一方で、低分解能レベル1Bプロダクトでは、プロダクトの範囲内に高分解能の観測データが含まれる場合に、無効値とせずに高分解能の観測データを低分解能にダウンサンプリングした値を出力している。

そのため、レベル1Bプロダクト（地上1kmリサンプリング）では、観測時刻が重複する低分解能プロダクトが存在する場合には、隣接するプロダクト間で重複する領域を隣接する低分解能プロダクト側から補填する。

低解像度プロダクトへの補填の概略図を図 6.2-1 低分解能プロダクトによる補填例に示す。

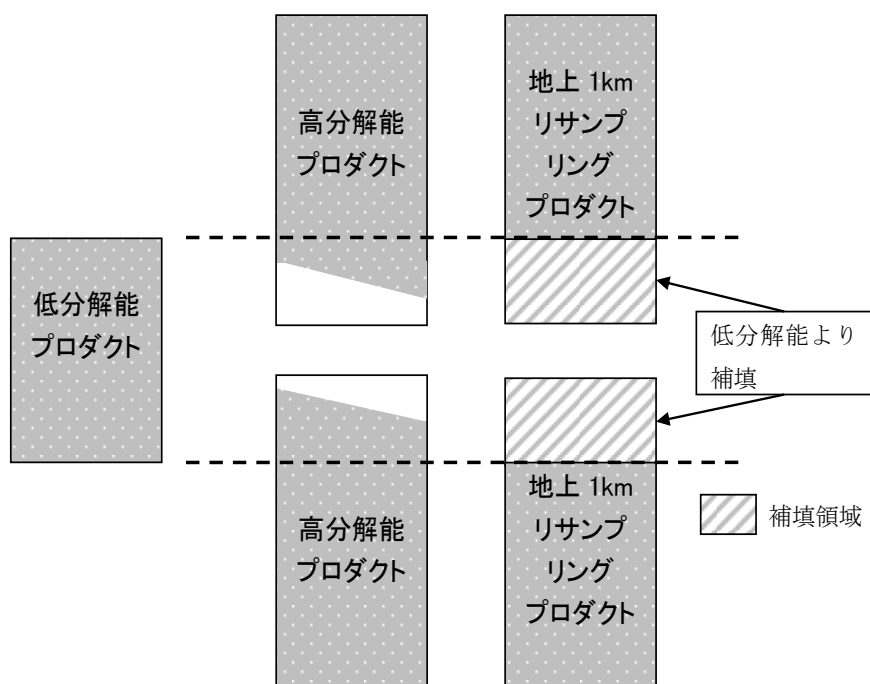


図 6.2-1 低分解能プロダクトによる補填例

7 制約条件

7.1 処理の種別の違いによるプロダクトの差分

SGLIプロダクトはレベル1処理を実施したタイミングにより標準処理と準リアルタイム処理に分けられる。処理の種別により生じる違いを以下に示す。

なお、プロダクトがどちらの処理の種別で作成されたのかについては、グラニューールIDから判定することができる。グラニューールIDの詳細については、3.7.2 に示した通りである。

(1) シーンおよびプロダクトの格納範囲

準リアルタイム処理時になんらかの理由ですべてのデータがダウンリンクできていなかった場合、ダウンリンクできた範囲でレベル1プロダクトを作成する。

そのため、標準処理の時点ですべてのデータがダウンリンクされていた場合に、準リアルタイム処理と標準処理でシーンおよびプロダクトに格納される各項目の範囲に差分が生じる。

(2) 軌道データ種別および幾何情報

なんらかの異常によりPCDの軌道データが使用できなかった場合、軌道暦（予測軌道暦または確定軌道暦）を使用してレベル1プロダクトを作成する。準リアルタイム処理の時点では軌道暦の配信のタイミングから確定軌道暦は存在していないため、必ず予測軌道暦を使用したプロダクトとなる。

標準処理の時点で確定軌道暦が存在した場合には、標準処理では確定軌道暦を使用したプロダクトを作成するため、使用した軌道暦の違いによる差分が生じる。

7.2 再処理により作成したプロダクトのグラニューールID

再処理でプロダクトを作成するさいに、標準処理や準リアルタイム処理で使ったものとは異なる軌道情報を使用してシーンの範囲を決定することがある。その結果、観測日・パス番号・シーン番号のすべてが同じプロダクトであっても、シーンの開始点が異なるために、異なるグラニューールID（プロダクト名）となる場合がある（3.7.2 参照）。これは同時に、ある観測点について、標準処理や準リアルタイム処理と再処理とでは、異なるグラニューールIDのプロダクトに格納される可能性があることも意味する。

7.3 センサ故障時におけるプロダクト

センサ鏡筒（VNR-NP）、センサ種別（SWI/TIR）およびセンサチャンネルのいずれかの出力内容に異常があった場合、プロダクトの該当する出力項目には欠損値を出力する。

7.4 校正モードについて

(1) L1プロダクトを作成する校正モードについて

SGLIセンサには、センサを校正するための校正モードで運用が行われることがある。ただし、校正モードであっても、地球を観測しているデータに関してはL1～L3プロダクトを作成して提供を行う。校正中や校正の影響を受けているデータに関しては、品質フラグやAttributeのマヌーバ状態を参照することで識別できるようになっている。以下の表に校正モードと地球観測プロダクトの作成対応を示す。地球観測プロダクトが○および△の項目は、校正中であっても通常のL1～L3プロダクトが作成されることを示す。

表 7.4-1 校正運用時の作成プロダクト（VNR-NP/PL レベル 1 プロダクト）

No.	校正モード種別	地球観測プロダクト		プロダクト品質
		L1A	L1B	
1	電気校正	○(※1)	×	—
2	内部光源校正	×	×	姿勢不安定による品質低下あり
3	太陽光校正	△(※3)(※4)	△(※3)(※4)	姿勢不安定による品質低下あり
4	マヌーバ校正(月校正)	○	△(※2)	姿勢不安定による品質低下あり
5	マヌーバ校正(太陽光校正)	○	×	姿勢不安定による品質低下あり
6	マヌーバ校正(感度偏差)	○	×	姿勢不安定による品質低下あり
7	生データ出力	×	×	—

○：地球観測プロダクトが作成される。

△：校正中、部分的に地球観測プロダクトが作成される。

×：地球観測プロダクトは作成されない。

(※1) 校正部分は欠損値で埋める。

(※2) 月校正マヌーバ中、地球の方向を向いている範囲のみ作成する。

(※3) VNR-PL の場合、後方視でない場合は地球観測プロダクトとして作成される。

(※4) 太陽光拡散板がセンサの視野にかかっておらず地球が写っている範囲のみ作成する。

表 7.4-2 校正運用時の作成プロダクト（IRS-SWI レベル 1 プロダクト）

No.	校正モード種別	地球観測プロダクト		プロダクト品質
		L1A	L1B	
1	電気校正	○(※1)	×	—
2	内部光源校正	○	○	姿勢不安定による品質低下あり
3	太陽光校正	○	○	姿勢不安定による品質低下あり
4	マヌーバ校正(月校正)	○	△(※2)	姿勢不安定による品質低下あり
5	マヌーバ校正(太陽光校正)	○	×	姿勢不安定による品質低下あり
6	マヌーバ校正(感度偏差)	○	×	姿勢不安定による品質低下あり
7	走査機構回転停止 (TIR ヘルスチェック取得時)	○(※1)	×	—
8	全周出力	○(※3)	○(※3)	地球観測と同等

○：地球観測プロダクトが作成される。

△：校正中、部分的に地球観測プロダクトが作成される。

×：地球観測プロダクトは作成されない。

(※1) 校正部分は欠損値で埋める。

(※2) 月校正マヌーバ中、地球の方向を向いている範囲のみ作成する。

(※3) 地球観測窓のみ抽出する。

表 7.4-3 校正運用時の作成プロダクト（IRS-TIR レベル1 プロダクト）

No.	校正モード種別	地球観測プロダクト		プロダクト品質
		L1A	L1B	
1	電気校正	○(※1)	×	—
2	マヌーバ校正(月校正)	○	△(※2)	姿勢不安定による品質低下あり
3	マヌーバ校正(太陽光校正)	○	×	姿勢不安定による品質低下あり
4	マヌーバ校正(感度偏差)	○	×	姿勢不安定による品質低下あり
5	走査機構回転停止 (TIR ヘルスチェック取得時)	○(※1)	×	—
6	全周出力	○(※3)	○(※3)	地球観測と同等

○：地球観測プロダクトが作成される。

△：校正中、部分的に地球観測プロダクトが作成される。

×：地球観測プロダクトは作成されない。

(※1) 校正部分は欠損値で埋める。

(※2) 月校正マヌーバ中、地球の方向を向いている範囲のみ作成する。

(※3) 地球観測窓のみ抽出する。

(2) マヌーバ校正中の幾何関連情報について

(a) 姿勢データ源泉

姿勢データの源泉としてクォータニオンを使えない場合、幾何関連情報の算出には「姿勢誤差角」もしくは「ノミナル姿勢」を使用する。マヌーバ校正中は、「姿勢誤差角」および「ノミナル姿勢」の誤差が大きいため幾何関連情報の精度が落ちる。そのため、以下の条件の場合、表 7.4-4 に示す幾何関連情報は参考値扱いとする。

- 条件：「/Converted_PCD/Attitude_source」が 0 (Quaternion) 以外の場合

表 7.4-4 マヌーバ校正中に精度が落ちるデータセット一覧

No.	データセット名	備考
1	/Geometry_data/Moon_azimuth	
2	/Geometry_data/Moon_zenith	
3	/Geometry_data/Solar_azimuth	
4	/Geometry_data/Solar_zenith	
5	/Geometry_data/Moon_sc_y_axis_angle	IRS のみのデータセット

(b) L1A プロダクト

L1A プロダクトはマヌーバ校正中もプロダクトを作成するが、幾何関連情報は欠損値となる。

7.5 L1A プロダクトと L1B プロダクトの格納範囲

L1AプロダクトのAncillary_dataデータセットは、シーンの開始・終了時刻の範囲を格納する。

L1BプロダクトのAncillary_dataデータセットは、シーンの開始・終了時刻にオーバーラップを含めた、L1BプロダクトのImage_dataデータセットに同期した範囲を出力する。

そのため、同一シーンのL1AプロダクトとL1BプロダクトのAncillary_dataデータセットのサイズは一致しない。

また、L1BプロダクトのLevel_1_attributesに格納されているPolynomial_to_L1B_*、Sampling_time_L1Aについても、上記L1BプロダクトのAncillary_dataデータセットと同期した範囲を出力する。

そのため、L1Aプロダクトの画像アドレスに対して、L1A→L1Bアドレスの近似多項式を利用してL1Bプロダクトの画像アドレスを算出する際は、以下のような手順が必要となる。

- ① L1AプロダクトのGeometry_data/Scan_start_time_TAIにおける先頭時刻を確認する。
- ② L1BプロダクトのLevel_1_attributes /Sampling_time_L1Aにおいて、①で確認した先頭時刻に対応するL1Aライン番号を探索する。
- ③ L1BプロダクトのLevel_1_attributesに格納されているPolynomial_to_L1B_*において、②で得たL1Aライン番号が、L1AプロダクトのL1Aライン番号の先頭(0)に当たるため、L1Aプロダクトのライン番号に②で得たL1Aライン番号を加算したライン番号での近似多項式 (Polynomial_to_L1B_*) を使用して、L1Aプロダクトの画素アドレスに対するL1Bプロダクトの画素アドレスを算出する。

8 付録

8.1 リアルタイム PCD データフォーマット

リアルタイムPCDのデータフォーマットを表 8.1-1に示す。

表 8.1-1 リアルタイム PCD データフォーマット (1/2)

No.	データ項目	開始バイト位置 (サイズ)	備考
1.	プライマリヘッダ	0 バイト (6 バイト)	
2.	セカンダリヘッダ	6 バイト (6 バイト)	パケット編集時刻。* ¹
3.	パケット ID	12 バイト (2 バイト)	
4.	航法時刻[s]	14 バイト (4 バイト)	以下の航法位置、航法速度、緯度引数、航法ステータスのデータの時刻。GPS 時間の週の始まりからの秒数を示す。* ¹ 0.001s 単位の整数。
5.	航法位置(X,Y,Z)[m] (WGS84 座標系)	18 バイト (3 バイト×3)	2 の補数表現。X,Y,Z の順に格納。1m 単位の符号付き整数。
6.	航法速度(X,Y,Z)[m/s] (WGS84 座標系)	27 バイト (3 バイト×3)	2 の補数表現。X,Y,Z の順に格納。0.001m/s 単位の符号付き整数。
7.	緯度引数[°] (疑似 TOD 座標:WGS84 座標系に対し地球時点のみ補正した座標)	36 バイト (4 バイト)	2 の補数表現。0.00002°単位の符号付き整数。
8.	航法ステータス	40 バイト (4 バイト)	航法データが使用可能であるかどうかを示すステータス。
9.	姿勢決定時刻 (週秒) [s]	44 バイト (3 バイト)	以下の姿勢誤差、姿勢角速度、クォータニオン、姿勢決定フラグのデータ時刻。GPS 時間の週の始まりからの週秒を示す。* ¹
10.	姿勢決定時刻 (ミリ秒) [ms]	47 バイト (3 バイト)	以下の姿勢誤差、姿勢角速度、クォータニオン、姿勢決定フラグのデータ時刻。1 秒未満の時刻を示す。2 ⁻¹² ms 単位の整数。

表 8.1-1 リアルタイム PCD データフォーマット (2/2)

No.	データ項目	開始バイト位置 (サイズ)	備考
11.	姿勢決定時刻インデックス	50 バイト (1 バイト)	クォータニオンデータ 11 個のうち、何番目のデータが、上記の姿勢決定時刻になっているかを示すインデックス。
12.	姿勢誤差 (ロール、ピッチ、ヨー) [°]	51 バイト (3 バイト×3)	2 の補数表現。ロール、ピッチ、ヨーの順に格納。0.001°単位の符号付き整数。*2
13.	姿勢角速度 (ロール、ピッチ、ヨー) [°/sec]	60 バイト (3 バイト×3)	2 の補数表現。ロール、ピッチ、ヨーの順に格納。0.001°/s単位の符号付き整数。
14.	クォータニオン (q1,q2,q3,q4)	69 バイト (4 バイト×11 ×4)	<ul style="list-style-type: none"> J2000 慣性座標系での姿勢を表す。 11 となっているのは、1 秒間のデータが 11 個になることがあるため。データ数が 9 個または 10 個の場合、10,11 個目または 11 個目のデータは不定となる。 ESA/IRU ベースの姿勢決定時であっても、STT/IRU ベースの姿勢決定値 (クォータニオン) が出力される。但し、STT/IRU ベースの姿勢決定値が異常のときは、正しい値は出力されない。 q1(1),q1(2) … q1(11), q2(1),q2(2) … q4(10),q4(11)の順に格納。
15.	制御リファレンス選択	245 バイト (1 バイト)	ESA/IRU ベース(0)or STT/IRU ベース(1)制御を示すフラグ(STT/IRU ベースの姿勢決定値が正常であれば、ESA/IRU ベースの制御時も、クォータニオンデータが使用可能)。
16.	AOCS 制御モード	246 バイト (1 バイト)	AOCS の制御モード(上位 4bit)およびサブモード(下位 4bit)を示す。
17.	スペア	247 バイト (7 バイト)	
18.	チェックワード	254 バイト (2 バイト)	
19.	合計	— (256 バイト)	

*1 プリアンブルフィールド、時刻フィールド1(GPS 週番号)、時刻フィールド2(航法時刻(週始まりからの秒数))から構成される。正常時、航法時刻は姿勢決定時刻(週秒)より最大0.1秒早いデータとなる。また、セカンダリヘッダは、姿勢決定時刻の約2~3秒のずれが生じる。時系変換はブロードキャストPCD 補助データ源泉フォーマット脚注を参照。

(注) 航法ステータスの内容を以下に示す。”10”または”11”であれば航法データ(航法時刻、航法位置、航法速度、緯度引数)を使用可能、航法ステータス異常時も姿勢関連の情報は有効。

MSB															LSB															内容					
31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0				
																																			航法状況(航法フラグ) (00)航法停止 (01)AGフィルター (10)カルマンフィルター (11)カルマンフィルター収束
																																			SPARE
											ch8	ch7	ch6	ch5	ch4	ch3	ch2	ch1																	シュドレンジを航法に使用したアンテナ番号 (00)不使用、(01)アンテナ1、(10)アンテナ2、(11) N/A
																																			SPARE

時刻 GPS 時系からUTC 時系への変換

航法時刻(UTC) = 「セカンダリヘッダのGPS 週番号」+ 「航法時刻」 + 「うるう秒」

姿勢決定時刻(UTC) = 「セカンダリヘッダのGPS 週番号」+ 「航法時刻」 + 「姿勢決定時刻」 + 「うるう秒」

*2 GPSR のアンテナA,B の切り替えが、アンテナ0,1 に対応する。

STT/IRU ベース制御時は、GPSR が出力するWGS-84 地球固定座標系での軌道情報から軌道面基準姿勢(座標系)を定め、これをJ2000 慣性座標系での表現に変換することで、J2000 慣性座標系で表わされた衛星姿勢との姿勢誤差を算出している。

8.2 GeoTIFF フォーマット

レベル1プロダクトはGeoTIFF形式で提供可能である

GeoTIFFフォーマットの詳細は「別紙_GeoTIFFフォーマット一覧」を参照。

8.3 NetCDF フォーマット

HDF5と同じタグ/構造で作成する。ただしNetCDF化するには"ディメンジョン"が必要となるため、ルート直下に「dim_XXX(*)」というデータセットが追加される。

※XXX は HDF のデータセットのサイズに使用されている整数

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
Global_attributes									Product_file_name	GCISG1_201305201801_12302_1ASG_VNRDQ_1001.h5	H5T_C_S1	
									Mission_characteristics	Nominal orbit: inclination = 98.6(Sun-Synchronous); node = 10:15-10:45 AM(descending); eccentricity < 0.0012; altitude = 798km; ground speed = 6.6km/sec; revolutions per day =14+9/34	H5T_C_S1	
									Sensor	Second-generation Global Imager (SGLI)	H5T_C_S1	
									Algorithm_version	0.10	H5T_C_S1	
									Parameter_version	002.00	H5T_C_S1	
									Algorithm_developer	Japan Aerospace Exploration Agency (JAXA)	H5T_C_S1	
									Dataset_description	Sensor output (digital counts)	H5T_C_S1	
									Product_name	Sensor output (digital counts)	H5T_C_S1	
									Product_version	0002	H5T_C_S1	
									Satellite	Global Change Observation Mission - Climate (GCOM-C)	H5T_C_S1	
									Product_level	Level-1A	H5T_C_S1	
									Scene_start_time	20030320 23:28:39.823	H5T_C_S1	
									Scene_end_time	20030320 23:32:49.287	H5T_C_S1	
									Scene_center_time	20030320 23:30:44.555	H5T_C_S1	
									Ascending_node_crossing_time	20030320 23:42:23.000	H5T_C_S1	
									Total_orbit_number	12345	H5T_STD_I32LE	
									RSP_path_number	123	H5T_STD_I32LE	
									Scene_number	2	H5T_STD_I32LE	
									Orbit_direction	Ascending	H5T_C_S1	
									Maneuver_status	Include	H5T_C_S1	
									Start_argument_of_latitude	1	H5T_IEEE_F32LE	
									End_argument_of_latitude	15	H5T_IEEE_F32LE	
									Lines_per_scan	1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1	H5T_STD_I32LE [11]	
									Stored_channels	VN01 (S06), VN02 (S05), VN03 (S07), VN04 (S04), VN05 (S08), V N06 (S03), VN07 (S02), VN08 (S09), VN09 (S11), VN10 (S01), VN 11 (S10)	H5T_C_S1	
									Missing_lines	0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0	H5T_STD_I32LE [11]	
									Missing_lines_rate	0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0	H5T_IEEE_F32LE [11]	
									Saturated_pixels_rate	0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0	H5T_IEEE_F32LE [11]	R=Nsatu/(N-Nloss) 0.0≤R≤1.0を満たす。 R: 飽和ピクセル率 N: L1Aシーン本体のピクセル数 3鏡筒× (Raw_data/Number_of_lines) × (Raw_data/Number_of_pixels) Nloss: ピクセル数Nのうち欠損 値であるピクセル数 Nsatu: ピクセル数Nのうち飽和 しているピクセルの数。 飽和の判定条件: デジタルカウント値≥DNmax DNmax: デジタルカウント値の飽和しき い値。鏡筒、チャンネル、分解 能ごとの処理パラメータ。 設定値は0~4095.
Abnormal_positions_rate	0.0	H5T_IEEE_F32LE										
Abnormal_velocities_rate	0.0	H5T_IEEE_F32LE										
Abnormal_attitudes_rate	0.0	H5T_IEEE_F32LE										
Geometric_information_error_rate	0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0	H5T_IEEE_F32LE [11]										
Individual_quality_info	GGGGGGGGGGGGGGGG	H5T_C_S1	G: Good P: Poor F: Fair N: NG									
Quality_judge_line	0	H5T_STD_I32LE										
Processing_attributes									Contact_point	JAXA/GCOM project team	H5T_C_S1	
									Input_files		H5T_C_S1	L1Aプロダクトを入力とした再処 理プロダクトの場合には、L1Aプ ロダクト名が格納される。
									Processing_UT	20120813 01:30:35	H5T_C_S1	
									Processing_result	Good	H5T_C_S1	
									Processing_result_description	Good, Fair, Poor, NG	H5T_C_S1	
Processing_organization	JAXA/GCOM-C project	H5T_C_S1										

B

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考									
1	Raw_data	VN01	観測デジタルカウント値 (VN01)	H5T_STD_U16LE	3	6816	1500		Number_of_lines	6816	H5T_STD_I32LE										
									Number_of_pixels	1500	H5T_STD_I32LE										
									Data_description	Observed digital count of VN01 Band_weighted_TOA_solar_irradiance, F0/D^2; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1										
									Band_width	10.0	H5T_IEEE_F32LE										
									Band_width_unit	nm	H5T_C_S1										
									Center_wavelength	380.0	H5T_IEEE_F32LE										
									Center_wavelength_unit	nm	H5T_C_S1										
									Band_weighted_TOA_solar_irradiance	1092.1436	H5T_IEEE_F32LE										
									Band_weighted_TOA_solar_irradiance_unit	W/m^2/um	H5T_C_S1										
									Error_value	65535	H5T_STD_U16LE										
									Maximum_valid_value	65534	H5T_STD_U16LE										
									Minimum_valid_value	0	H5T_STD_U16LE										
									Saturation_radiance	264.0	H5T_IEEE_F32LE										
									Saturation_radiance_unit	W/m^2/um/sr	H5T_C_S1										
									Spatial_resolution	250.0	H5T_IEEE_F32LE										
									Spatial_resolution_unit	meter	H5T_C_S1										
									Dim0	Left, Nadir, Right	H5T_C_S1										
									Dim1	lines	H5T_C_S1										
									Dim2	pixels	H5T_C_S1										
									Unit	Count	H5T_C_S1										
2	Raw_data	VN02	観測デジタルカウント値 (VN02)	H5T_STD_U16LE	3	6816	1500		Data_description	Observed digital count of VN02 Band_weighted_TOA_solar_irradiance, F0/D^2; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1										
									Band_width	10.0	H5T_IEEE_F32LE										
									Band_width_unit	nm	H5T_C_S1										
									Center_wavelength	412.0	H5T_IEEE_F32LE										
									Center_wavelength_unit	nm	H5T_C_S1										
									Band_weighted_TOA_solar_irradiance	1712.1531	H5T_IEEE_F32LE										
									Band_weighted_TOA_solar_irradiance_unit	W/m^2/um	H5T_C_S1										
									Error_value	65535	H5T_STD_U16LE										
									Maximum_valid_value	65534	H5T_STD_U16LE										
									Minimum_valid_value	0	H5T_STD_U16LE										
									Saturation_radiance	335.5	H5T_IEEE_F32LE										
									Saturation_radiance_unit	W/m^2/um/sr	H5T_C_S1										
									Spatial_resolution	250.0	H5T_IEEE_F32LE										
									Spatial_resolution_unit	meter	H5T_C_S1										
									Dim0	Left, Nadir, Right	H5T_C_S1										
									Dim1	lines	H5T_C_S1										
									Dim2	pixels	H5T_C_S1										
									Unit	Count	H5T_C_S1										
									3	Raw_data	VN03	観測デジタルカウント値 (VN03)	H5T_STD_U16LE	3	6816	1500		Data_description	Observed digital count of VN03 Band_weighted_TOA_solar_irradiance, F0/D^2; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
																		Band_width	10.0	H5T_IEEE_F32LE	
Band_width_unit	nm	H5T_C_S1																			
Center_wavelength	443.0	H5T_IEEE_F32LE																			
Center_wavelength_unit	nm	H5T_C_S1																			
Band_weighted_TOA_solar_irradiance	1898.3185	H5T_IEEE_F32LE																			
Band_weighted_TOA_solar_irradiance_unit	W/m^2/um	H5T_C_S1																			
Error_value	65535	H5T_STD_U16LE																			
Maximum_valid_value	65534	H5T_STD_U16LE																			
Minimum_valid_value	0	H5T_STD_U16LE																			
Saturation_radiance	502.7	H5T_IEEE_F32LE																			
Saturation_radiance_unit	W/m^2/um/sr	H5T_C_S1																			
Spatial_resolution	250.0	H5T_IEEE_F32LE																			
Spatial_resolution_unit	meter	H5T_C_S1																			
Dim0	Left, Nadir, Right	H5T_C_S1																			
Dim1	lines	H5T_C_S1																			
Dim2	pixels	H5T_C_S1																			
Unit	Count	H5T_C_S1																			
4	Raw_data	VN04	観測デジタルカウント値 (VN04)	H5T_STD_U16LE	3	6816	1500											Data_description	Observed digital count of VN04 Band_weighted_TOA_solar_irradiance, F0/D^2; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
																		Band_width	10.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1										
									Center_wavelength	490.0	H5T_IEEE_F32LE										
									Center_wavelength_unit	nm	H5T_C_S1										
									Band_weighted_TOA_solar_irradiance	1938.4602	H5T_IEEE_F32LE										
									Band_weighted_TOA_solar_irradiance_unit	W/m^2/um	H5T_C_S1										
									Error_value	65535	H5T_STD_U16LE										
									Maximum_valid_value	65534	H5T_STD_U16LE										
									Minimum_valid_value	0	H5T_STD_U16LE										
									Saturation_radiance	161.7	H5T_IEEE_F32LE										
									Saturation_radiance_unit	W/m^2/um/sr	H5T_C_S1										
									Spatial_resolution	250.0	H5T_IEEE_F32LE										
									Spatial_resolution_unit	meter	H5T_C_S1										
									Dim0	Left, Nadir, Right	H5T_C_S1										
									Dim1	lines	H5T_C_S1										
									Dim2	pixels	H5T_C_S1										
									Unit	Count	H5T_C_S1										

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考										
5		VN05	観測デジタルカウント値 (VN05)	H5T_STD_U16LE	3	6816	1500		Data_description	Observed digital count of VN05 Band_weighted_TOA_solar_irradiance, F0/D ² ; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1											
									Band_width	20.0	H5T_IEEE_F32LE											
									Band_width_unit	nm	H5T_C_S1											
									Center_wavelength	530.0	H5T_IEEE_F32LE											
									Center_wavelength_unit	nm	H5T_C_S1											
									Band_weighted_TOA_solar_irradiance	1850.9604	H5T_IEEE_F32LE											
									Band_weighted_TOA_solar_irradiance_unit	W/m ² /um	H5T_C_S1											
									Error_value	65535	H5T_STD_U16LE											
									Maximum_valid_value	65534	H5T_STD_U16LE											
									Minimum_valid_value	0	H5T_STD_U16LE											
									Saturation_radiance	394.9	H5T_IEEE_F32LE											
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1											
									Spatial_resolution	250.0	H5T_IEEE_F32LE											
									Spatial_resolution_unit	meter	H5T_C_S1											
									Dim0	Left, Nadir, Right	H5T_C_S1											
									Dim1	lines	H5T_C_S1											
									Dim2	pixels	H5T_C_S1											
									Unit	Count	H5T_C_S1											
									6		VN06		観測デジタルカウント値 (VN06)	H5T_STD_U16LE	3	6816	1500		Data_description	Observed digital count of VN06 Band_weighted_TOA_solar_irradiance, F0/D ² ; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
																			Band_width	20.0	H5T_IEEE_F32LE	
Band_width_unit	nm	H5T_C_S1																				
Center_wavelength	565.0	H5T_IEEE_F32LE																				
Center_wavelength_unit	nm	H5T_C_S1																				
Band_weighted_TOA_solar_irradiance	1797.1344	H5T_IEEE_F32LE																				
Band_weighted_TOA_solar_irradiance_unit	W/m ² /um	H5T_C_S1																				
Error_value	65535	H5T_STD_U16LE																				
Maximum_valid_value	65534	H5T_STD_U16LE																				
Minimum_valid_value	0	H5T_STD_U16LE																				
Saturation_radiance	104.5	H5T_IEEE_F32LE																				
Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1																				
Spatial_resolution	250.0	H5T_IEEE_F32LE																				
Spatial_resolution_unit	meter	H5T_C_S1																				
Dim0	Left, Nadir, Right	H5T_C_S1																				
Dim1	lines	H5T_C_S1																				
Dim2	pixels	H5T_C_S1																				
Unit	Count	H5T_C_S1																				
7		VN07	観測デジタルカウント値 (VN07)	H5T_STD_U16LE	3	6816	1500					Data_description							Observed digital count of VN07 Band_weighted_TOA_solar_irradiance, F0/D ² ; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1		
												Band_width							20.0	H5T_IEEE_F32LE		
									Band_width_unit	nm	H5T_C_S1											
									Center_wavelength	673.5	H5T_IEEE_F32LE											
									Center_wavelength_unit	nm	H5T_C_S1											
									Band_weighted_TOA_solar_irradiance	1502.5667	H5T_IEEE_F32LE											
									Band_weighted_TOA_solar_irradiance_unit	W/m ² /um	H5T_C_S1											
									Error_value	65535	H5T_STD_U16LE											
									Maximum_valid_value	65534	H5T_STD_U16LE											
									Minimum_valid_value	0	H5T_STD_U16LE											
									Saturation_radiance	75.9	H5T_IEEE_F32LE											
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1											
									Spatial_resolution	250.0	H5T_IEEE_F32LE											
									Spatial_resolution_unit	meter	H5T_C_S1											
									Dim0	Left, Nadir, Right	H5T_C_S1											
									Dim1	lines	H5T_C_S1											
									Dim2	pixels	H5T_C_S1											
									Unit	Count	H5T_C_S1											
									8		VN08	観測デジタルカウント値 (VN08)	H5T_STD_U16LE	3	6816	1500		Data_description	Observed digital count of VN08 Band_weighted_TOA_solar_irradiance, F0/D ² ; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1		
																		Band_width	20.0	H5T_IEEE_F32LE		
Band_width_unit	nm	H5T_C_S1																				
Center_wavelength	673.5	H5T_IEEE_F32LE																				
Center_wavelength_unit	nm	H5T_C_S1																				
Band_weighted_TOA_solar_irradiance	1502.3177	H5T_IEEE_F32LE																				
Band_weighted_TOA_solar_irradiance_unit	W/m ² /um	H5T_C_S1																				
Error_value	65535	H5T_STD_U16LE																				
Maximum_valid_value	65534	H5T_STD_U16LE																				
Minimum_valid_value	0	H5T_STD_U16LE																				
Saturation_radiance	234.3	H5T_IEEE_F32LE																				
Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1																				
Spatial_resolution	250.0	H5T_IEEE_F32LE																				
Spatial_resolution_unit	meter	H5T_C_S1																				
Dim0	Left, Nadir, Right	H5T_C_S1																				
Dim1	lines	H5T_C_S1																				
Dim2	pixels	H5T_C_S1																				
Unit	Count	H5T_C_S1																				

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
9		VN09	観測デジタルカウント値 (VN09)	H5T_STD_U16LE	3	6816	1500		Data_description	Observed digital count of VN09 Band_weighted_TOA_solar_irradiance, F0/D^2; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Band_width	12.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	763.0	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	1245.3663	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m^2/um	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Maximum_valid_value	65534	H5T_STD_U16LE	
									Minimum_valid_value	0	H5T_STD_U16LE	
									Saturation_radiance	386.1	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m^2/um/sr	H5T_C_S1	
									Spatial_resolution	250.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	pixels	H5T_C_S1	
Unit	Count	H5T_C_S1										
10		VN10	観測デジタルカウント値 (VN10)	H5T_STD_U16LE	3	6816	1500		Data_description	Observed digital count of VN10 Band_weighted_TOA_solar_irradiance, F0/D^2; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Band_width	20.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	868.5	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	956.2323	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m^2/um	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Maximum_valid_value	65534	H5T_STD_U16LE	
									Minimum_valid_value	0	H5T_STD_U16LE	
									Saturation_radiance	40.7	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m^2/um/sr	H5T_C_S1	
									Spatial_resolution	250.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	pixels	H5T_C_S1	
Unit	Count	H5T_C_S1										
11		VN11	観測デジタルカウント値 (VN11)	H5T_STD_U16LE	3	6816	1500		Data_description	Observed digital count of VN11 Band_weighted_TOA_solar_irradiance, F0/D^2; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Band_width	20.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	868.5	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	956.5352	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m^2/um	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Maximum_valid_value	65534	H5T_STD_U16LE	
									Minimum_valid_value	0	H5T_STD_U16LE	
									Saturation_radiance	335.5	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m^2/um/sr	H5T_C_S1	
									Spatial_resolution	250.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	pixels	H5T_C_S1	
Unit	Count	H5T_C_S1										
12	Pre_post_scan_VN01	観測補助画像データ (VN01)	H5T_STD_U16LE	3	6816	92		Data_description	AUX raw image data of VN01 (blank, pre scan, pre OPB scan, pre dummy scan, post dummy scan, post OPB scan, post scan, blank)	H5T_C_S1		
								CCD_line_number	S06 (VN01)	H5T_C_S1		
								Error_value	65535	H5T_STD_U16LE		
								Dim0	Left, Nadir, Right	H5T_C_S1		
								Dim1	lines	H5T_C_S1		
Dim2	00-19 : blank 20-36 : pre scan 37-44 : pre OPB scan 45 : pre dummy scan 46 : post dummy scan 47-54 : post OPB scan 55-71 : post scan 72-91 : blank	H5T_C_S1										

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
13		Pre_post_scan_VN02	観測補助画像データ (VN02)	H5T_STD_U16LE	3	6816	92		Data_description	AUX raw image data of VN02 (blank, pre scan, pre OPB scan, pre dummy scan, post dummy scan, post OPB scan, post scan, blank)	H5T_C_S1	
									CCD_line_number	S05 (VN02)	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	00-19 : blank 20-36 : pre scan 37-44 : pre OPB scan 45 : pre dummy scan 46 : post dummy scan 47-54 : post OPB scan 55-71 : post scan 72-91 : blank	H5T_C_S1	
14		Pre_post_scan_VN03	観測補助画像データ (VN03)	H5T_STD_U16LE	3	6816	92		Data_description	AUX raw image data of VN03 (blank, pre scan, pre OPB scan, pre dummy scan, post dummy scan, post OPB scan, post scan, blank)	H5T_C_S1	
									CCD_line_number	S07 (VN03)	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	00-19 : blank 20-36 : pre scan 37-44 : pre OPB scan 45 : pre dummy scan 46 : post dummy scan 47-54 : post OPB scan 55-71 : post scan 72-91 : blank	H5T_C_S1	
15		Pre_post_scan_VN04	観測補助画像データ (VN04)	H5T_STD_U16LE	3	6816	92		Data_description	AUX raw image data of VN04 (blank, pre scan, pre OPB scan, pre dummy scan, post dummy scan, post OPB scan, post scan, blank)	H5T_C_S1	
									CCD_line_number	S04 (VN04)	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	00-19 : blank 20-36 : pre scan 37-44 : pre OPB scan 45 : pre dummy scan 46 : post dummy scan 47-54 : post OPB scan 55-71 : post scan 72-91 : blank	H5T_C_S1	
16		Pre_post_scan_VN05	観測補助画像データ (VN05)	H5T_STD_U16LE	3	6816	92		Data_description	AUX raw image data of VN05 (blank, pre scan, pre OPB scan, pre dummy scan, post dummy scan, post OPB scan, post scan, blank)	H5T_C_S1	
									CCD_line_number	S08 (VN05)	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	00-19 : blank 20-36 : pre scan 37-44 : pre OPB scan 45 : pre dummy scan 46 : post dummy scan 47-54 : post OPB scan 55-71 : post scan 72-91 : blank	H5T_C_S1	
17		Pre_post_scan_VN06	観測補助画像データ (VN06)	H5T_STD_U16LE	3	6816	92		Data_description	AUX raw image data of VN06 (blank, pre scan, pre OPB scan, pre dummy scan, post dummy scan, post OPB scan, post scan, blank)	H5T_C_S1	
									CCD_line_number	S03 (VN06)	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	00-19 : blank 20-36 : pre scan 37-44 : pre OPB scan 45 : pre dummy scan 46 : post dummy scan 47-54 : post OPB scan 55-71 : post scan 72-91 : blank	H5T_C_S1	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
18		Pre_post_scan_VN07	観測補助画像データ (VN07)	H5T_STD_U16LE	3	6816	92		Data_description	AUX raw image data of VN07 (blank, pre scan, pre OPB scan, pre dummy scan, post dummy scan, post OPB scan, post scan, blank)	H5T_C_S1	
									CCD_line_number	S02 (VN07)	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	00-19 : blank 20-36 : pre scan 37-44 : pre OPB scan 45 : pre dummy scan 46 : post dummy scan 47-54 : post OPB scan 55-71 : post scan 72-91 : blank	H5T_C_S1	
19		Pre_post_scan_VN08	観測補助画像データ (VN08)	H5T_STD_U16LE	3	6816	92		Data_description	AUX raw image data of VN08 (blank, pre scan, pre OPB scan, pre dummy scan, post dummy scan, post OPB scan, post scan, blank)	H5T_C_S1	
									CCD_line_number	S09 (VN08)	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	00-19 : blank 20-36 : pre scan 37-44 : pre OPB scan 45 : pre dummy scan 46 : post dummy scan 47-54 : post OPB scan 55-71 : post scan 72-91 : blank	H5T_C_S1	
20		Pre_post_scan_VN09	観測補助画像データ (VN09)	H5T_STD_U16LE	3	6816	92		Data_description	AUX raw image data of VN09 (blank, pre scan, pre OPB scan, pre dummy scan, post dummy scan, post OPB scan, post scan, blank)	H5T_C_S1	
									CCD_line_number	S11 (VN09)	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	00-19 : blank 20-36 : pre scan 37-44 : pre OPB scan 45 : pre dummy scan 46 : post dummy scan 47-54 : post OPB scan 55-71 : post scan 72-91 : blank	H5T_C_S1	
21		Pre_post_scan_VN10	観測補助画像データ (VN10)	H5T_STD_U16LE	3	6816	92		Data_description	AUX raw image data of VN10 (blank, pre scan, pre OPB scan, pre dummy scan, post dummy scan, post OPB scan, post scan, blank)	H5T_C_S1	
									CCD_line_number	S01 (VN10)	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	00-19 : blank 20-36 : pre scan 37-44 : pre OPB scan 45 : pre dummy scan 46 : post dummy scan 47-54 : post OPB scan 55-71 : post scan 72-91 : blank	H5T_C_S1	
22		Pre_post_scan_VN11	観測補助画像データ (VN11)	H5T_STD_U16LE	3	6816	92		Data_description	AUX raw image data of VN11 (blank, pre scan, pre OPB scan, pre dummy scan, post dummy scan, post OPB scan, post scan, blank)	H5T_C_S1	
									CCD_line_number	S10 (VN11)	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	00-19 : blank 20-36 : pre scan 37-44 : pre OPB scan 45 : pre dummy scan 46 : post dummy scan 47-54 : post OPB scan 55-71 : post scan 72-91 : blank	H5T_C_S1	

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No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
23		Realtime_PCD	リアルタイムPCDの生データ	H5T_STD_U8LE	354	256			Data_description	GCOM-C PCD raw data	H5T_C_S1	
									Dim0	Realtime PCD records (1Hz)	H5T_C_S1	
									Dim1	octets	H5T_C_S1	
24	Raw_data/AUX_packet	Raw_packet1	パケット1データ	H5T_STD_U8LE	3	6816	594		Data_description	Packet#1 raw data	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	octets	H5T_C_S1	
25		Raw_packet_header	パケットヘッダ	H5T_STD_U8LE	3	6816	312		Data_description	Raw packet header of all packets(#1-12)	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	octets	H5T_C_S1	
	Ancillary_data	—	—	—	—	—	—	Data_description	Don't use the record when lack line. (Refer to Data_quality_flag/Qf_Scan)	H5T_C_S1		
26	Ancillary_data/TC_FPGA	Mode_register	モードレジスタ	H5T_STD_U8LE	3	6816			Data_description	Mode register	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
27		Bord_address_register	ボードアドレスレジスタ	H5T_STD_U8LE	3	6816			Data_description	Board address	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
28		SD4_PL_ASP_A_B_status	SD4 PL-ASP A系/B系ステータス	H5T_STD_U8LE	3	6816			Data_description	SD4 PL-ASP A/B status 0 : A 1 : B	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
29		SD3_NP_ASP_A_B_status	SD3 NP-ASP A系/B系ステータス	H5T_STD_U8LE	3	6816			Data_description	SD3 NP-ASP A/B status 0 : A 1 : B	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
30		SD2_MTR_A_B_status	SD2 MTR A系/B系ステータス	H5T_STD_U8LE	3	6816			Data_description	SD2 MTR A/B status 0 : A 1 : B	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
31		SD1_HCE_A_B_status	SD1 HCE A系/B系ステータス	H5T_STD_U8LE	3	6816			Data_description	SD1 HCE A/B status 0 : A 1 : B	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
32		Double_buffer_output_status	バッファステータス	H5T_STD_U8LE	3	6816			Data_description	Double buffer output status 0 : A 1 : B	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
33		TC_FPGA_ENA_DIS	TC-FPGS ENA/DIS ステータス	H5T_STD_U8LE	3	6816			Data_description	TC-FPGA ENA/DIS 0 : DISABLE 1 : ENABLE	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
34	Ancillary_data/NP_DSP_FPGA	Raw_mode_band_select	非偏光生データ出力モードバンド選択ステータス	H5T_STD_U8LE	3	6816			Data_description	Selected Channel number in raw data output mode 0-10: VN01 (S06), VN02 (S05), VN03 (S07), VN04 (S04), VN05 (S08), V N06 (S03), VN07 (S02), VN08 (S09), VN09 (S11), VN10 (S01), VN 11 (S10)	H5T_C_S1	
									TLM_info_tlmID	VN0077, VN0082, VN0070	H5T_C_S1	
									TLM_info_name	VNR NP-L RAW DAT BND SEL, VNR NP-N RAW DAT BND SEL, VNR NP-R RAW DAT BND SEL	H5T_C_S1	
									TLM_info_short_name	V NP-L VN SEL1-11, V NP-N VN SEL1-11, V NP-R VN SEL1-11	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
35		Resolution_status	分解能ステータス	H5T_STD_U8LE	3	6816			Data_description	Resolution status of each lens telescope 0 : 1km 1 : 250m	H5T_C_S1	
									TLM_info_tlmID	VN0079, VN0067, VN0072	H5T_C_S1	
									TLM_info_name	VNR NP-L RESO STS, VNR NP-N RESO STS, VNR NP-R RESO STS	H5T_C_S1	
									TLM_info_short_name	V NP-L RES SEL, V NP-N RES SEL, V NP-R RES SEL	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
36		Raw_mode_DSP	生データ切り替えステータス	H5T_STD_U8LE	3	6816			Data_description	DSP status in raw data mode or observation mode 0 : Observation 1 : Raw	H5T_C_S1	
									TLM_info_tlmID	VN0080, VN0068, VN0073	H5T_C_S1	
									TLM_info_name	VNR NP-L RAW DAT MODE, VNR NP-N RAW DAT MODE, VNR NP-R RAW DAT MODE	H5T_C_S1	
									TLM_info_short_name	V NP-L RAW MODE SEL, V NP-N RAW MODE SEL, V NP-R RAW MODE SEL	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
37		DAT_ena_dis_status	観測データEna/Disステータス	H5T_STD_U8LE	3	6816			Data_description	Observation data enable or disable status 0 : Disable 1 : Enable	H5T_C_S1	
									TLM_info_tlmID	VN0081, VN0069, VN0074	H5T_C_S1	
									TLM_info_name	VNR NP-L DAT ENA/DIS, VNR NP-N DAT ENA/DIS, VNR NP-R DAT ENA/DIS	H5T_C_S1	
									TLM_info_short_name	V NP-L DAT ENA/DIS, V NP-N DAT ENA/DIS, V NP-R DAT ENA/DIS	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
38	Ancillary_data/NP_ASP_telemetr	Line_rate	ラインレート	H5T_STD_U8LE	3	6816	11		Data_description	Selected line rate status	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	VN01 (S06), VN02 (S05), VN03 (S07), VN04 (S04), VN05 (S08), VN06 (S03), VN07 (S02), VN08 (S09), VN09 (S11), VN10 (S01), VN11 (S10)	H5T_C_S1	
39		Shutter_set_band	シャッター設定切替バンド選択	H5T_STD_U8LE	3	6816	11		Data_description	Selected Channel number in raw data output mode 0-10: VN01 (S06), VN02 (S05), VN03 (S07), VN04 (S04), VN05 (S08), VN06 (S03), VN07 (S02), VN08 (S09), VN09 (S11), VN10 (S01), VN11 (S10) The value of integration time is set in Dim2 of /Ancillary_data/NP_ASP_telemetry/Integration_time in order of VN01~VN11.	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	VN01 (S06), VN02 (S05), VN03 (S07), VN04 (S04), VN05 (S08), VN06 (S03), VN07 (S02), VN08 (S09), VN09 (S11), VN10 (S01), VN11 (S10)	H5T_C_S1	
40		Integration_time	積分時間	H5T_STD_U8LE	3	6816	11		Data_description	Selected Integration time	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	VN01 (S06), VN02 (S05), VN03 (S07), VN04 (S04), VN05 (S08), VN06 (S03), VN07 (S02), VN08 (S09), VN09 (S11), VN10 (S01), VN11 (S10)	H5T_C_S1	
41		t3	蓄積時間t3	H5T_IEEE_F64LE	3	6816	11		Data_description	Integration time t3(usec)	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	VN01 (S06), VN02 (S05), VN03 (S07), VN04 (S04), VN05 (S08), VN06 (S03), VN07 (S02), VN08 (S09), VN09 (S11), VN10 (S01), VN11 (S10)	H5T_C_S1	
42	Ancillary_data/NP_ASP_SD	NP_ASP_select	非偏光鏡筒指定	H5T_STD_U8LE	3	6816			Data_description	Selected lens telescope name in command 1 : Right 2 : Nadir 3 : Left 7 : All	H5T_C_S1	
									TLM_info_tlmID	VN0537	H5T_C_S1	
									TLM_info_name	VNR NP TYPE	H5T_C_S1	
									TLM_info_short_name	V NP SEL	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
43		NP_ASP_mode_status (Right)	非偏光動作切替(鏡筒右方視)	H5T_STD_U8LE	3	6816			Data_description	Selected mode of each lens telescope 1 : Wait mode 3 : Observation mode (observation data input) 4 : Raw data output mode 5 : Observation mode (electrical calibration input)	H5T_C_S1	
									TLM_info_tlmID	VN0538	H5T_C_S1	
									TLM_info_name	VNR NP-R MODE STS	H5T_C_S1	
									TLM_info_short_name	V NP-R MODE ST	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
44		NP_ASP_mode_status (Nadir)	非偏光動作切替(鏡筒直下視)	H5T_STD_U8LE	3	6816			Data_description	Selected mode of each lens telescope 1 : Wait mode 3 : Observation mode (observation data input) 4 : Raw data output mode 5 : Observation mode (electrical calibration input)	H5T_C_S1	
									TLM_info_tlmID	VN0539	H5T_C_S1	
									TLM_info_name	VNR NP-N MODE STS	H5T_C_S1	
									TLM_info_short_name	V NP-N MODE ST	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
45		NP_ASP_mode_status(Left)	非偏光動作切替(鏡筒左方視)	H5T_STD_U8LE	3	6816			Data_description	Selected mode of each lens telescope 1 : Wait mode 3 : Observation mode (observation data input) 4 : Raw data output mode 5 : Observation mode (electrical calibration input)	H5T_C_S1	
									TLM_info_tlmID	VN0540	H5T_C_S1	
									TLM_info_name	VNR NP-L MODE STS	H5T_C_S1	
									TLM_info_short_name	V NP-L MODE ST	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
Dim1	lines	H5T_C_S1										
46		Raw_mode_ASP(Right)	生データモードデータ切替(鏡筒右方視)	H5T_STD_U8LE	3	6816			Data_description	ASP status in raw data mode or observation mode 1 : Interface to AGE (DATA1:S01, DATA2:S05, DATA3:S09 / DATA1:S02, DATA2:S06, DATA3:S10), Interface to DSP (Data1:VN10, Data2:VN2, Data3:VN8) 2 : Interface to AGE (DATA1:S02, DATA2:S06, DATA3:S10 / DATA1:S01, DATA2:S05, DATA3:S09), Interface to DSP (DATA1:VN7, DATA2:VN1, DATA3:VN11) 3 : Interface to AGE (DATA1:S03, DATA2:S07, DATA3:S11 / DATA1:S04, DATA2:S08), Interface to DSP (DATA1:VN6, DATA2:VN3, DATA3:VN9) 4 : Interface to AGE (DATA1:S04, DATA2:S08 / DATA1:S03, DATA2:S07, DATA3:S11), Interface to DSP (DATA1:VN4, DATA2:VN5)	H5T_C_S1	
									TLM_info_tlmID	VN0544	H5T_C_S1	
									TLM_info_name	VNR NP-R RAW MODE SEL	H5T_C_S1	
									TLM_info_short_name	V NP-R MODE RAW	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
Dim1	lines	H5T_C_S1										
47		Raw_mode_ASP(Nadir)	生データモードデータ切替(鏡筒直下視)	H5T_STD_U8LE	3	6816			Data_description	ASP status in raw data mode or observation mode 1 : Interface to AGE (DATA1:S01, DATA2:S05, DATA3:S09 / DATA1:S02, DATA2:S06, DATA3:S10), Interface to DSP (Data1:VN10, Data2:VN2, Data3:VN8) 2 : Interface to AGE (DATA1:S02, DATA2:S06, DATA3:S10 / DATA1:S01, DATA2:S05, DATA3:S09), Interface to DSP (DATA1:VN7, DATA2:VN1, DATA3:VN11) 3 : Interface to AGE (DATA1:S03, DATA2:S07, DATA3:S11 / DATA1:S04, DATA2:S08), Interface to DSP (DATA1:VN6, DATA2:VN3, DATA3:VN9) 4 : Interface to AGE (DATA1:S04, DATA2:S08 / DATA1:S03, DATA2:S07, DATA3:S11), Interface to DSP (DATA1:VN4, DATA2:VN5)	H5T_C_S1	
									TLM_info_tlmID	VN0545	H5T_C_S1	
									TLM_info_name	VNR NP-N RAW MODE SEL	H5T_C_S1	
									TLM_info_short_name	V NP-N MODE RAW	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
Dim1	lines	H5T_C_S1										
48		Raw_mode_ASP(Left)	生データモードデータ切替(鏡筒左方視)	H5T_STD_U8LE	3	6816			Data_description	ASP status in raw data mode or observation mode 1 : Interface to AGE (DATA1:S01, DATA2:S05, DATA3:S09 / DATA1:S02, DATA2:S06, DATA3:S10), Interface to DSP (Data1:VN10, Data2:VN2, Data3:VN8) 2 : Interface to AGE (DATA1:S02, DATA2:S06, DATA3:S10 / DATA1:S01, DATA2:S05, DATA3:S09), Interface to DSP (DATA1:VN7, DATA2:VN1, DATA3:VN11) 3 : Interface to AGE (DATA1:S03, DATA2:S07, DATA3:S11 / DATA1:S04, DATA2:S08), Interface to DSP (DATA1:VN6, DATA2:VN3, DATA3:VN9) 4 : Interface to AGE (DATA1:S04, DATA2:S08 / DATA1:S03, DATA2:S07, DATA3:S11), Interface to DSP (DATA1:VN4, DATA2:VN5)	H5T_C_S1	
									TLM_info_tlmID	VN0546	H5T_C_S1	
									TLM_info_name	VNR NP-L RAW MODE SEL	H5T_C_S1	
									TLM_info_short_name	V NP-L MODE RAW	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
Dim1	lines	H5T_C_S1										
49		DET_drive_status(Right)	DET ON/OFF(鏡筒右方視)	H5T_STD_U8LE	3	6816			Data_description	Detector CCD drive status 0 : OFF 1 : ON	H5T_C_S1	
									TLM_info_tlmID	VN0541	H5T_C_S1	
									TLM_info_name	VNR NP-R DET ON/OFF	H5T_C_S1	
									TLM_info_short_name	V NP-R DET ONOFF	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
Dim1	lines	H5T_C_S1										

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
50		DET_drive_status(Nadir)	DET ON/OFF(鏡筒直下視)	H5T_STD_U8LE	3	6816			Data_description	Detector CCD drive status 0 : OFF 1 : ON	H5T_C_S1	
									TLM_info_tlmID	VN0542	H5T_C_S1	
									TLM_info_name	VNR NP-N DET ON/OFF	H5T_C_S1	
									TLM_info_short_name	V NP-N DET ONOFF	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
51		DET_drive_status(Left)	DET ON/OFF(鏡筒左方視)	H5T_STD_U8LE	3	6816			Data_description	Detector CCD drive status 0 : OFF 1 : ON	H5T_C_S1	
									TLM_info_tlmID	VN0543	H5T_C_S1	
									TLM_info_name	VNR NP-L DET ON/OFF	H5T_C_S1	
									TLM_info_short_name	V NP-L DET ONOFF	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
52		Electric_cal_level(Right)	電気校正切替(鏡筒右方視)	H5T_STD_U8LE	3	6816			Data_description	Electrical calibration signal level status 1 : Level1 2 : Level2 3 : Level3 4 : Level4 5 : Level5 6 : Level6	H5T_C_S1	
									TLM_info_tlmID	VN0550	H5T_C_S1	
									TLM_info_name	VNR NP-R ELEC CAL LEVEL	H5T_C_S1	
									TLM_info_short_name	V NP-R ELEC CAL	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
53		Electric_cal_level(Nadir)	電気校正切替(鏡筒直下視)	H5T_STD_U8LE	3	6816			Data_description	Electrical calibration signal level status 1 : Level1 2 : Level2 3 : Level3 4 : Level4 5 : Level5 6 : Level6	H5T_C_S1	
									TLM_info_tlmID	VN0551	H5T_C_S1	
									TLM_info_name	VNR NP-N ELEC CAL LEVEL	H5T_C_S1	
									TLM_info_short_name	V NP-N ELEC CAL	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
54		Electric_cal_level(Left)	電気校正切替(鏡筒左方視)	H5T_STD_U8LE	3	6816			Data_description	Electrical calibration signal level status 1 : Level1 2 : Level2 3 : Level3 4 : Level4 5 : Level5 6 : Level6	H5T_C_S1	
									TLM_info_tlmID	VN0552	H5T_C_S1	
									TLM_info_name	VNR NP-L ELEC CAL LEVEL	H5T_C_S1	
									TLM_info_short_name	V NP-L ELEC CAL	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
55		CCD_temperature(Right)	CCD温度モニタ(鏡筒右方視)	H5T_IEEE_F32LE	3	6816	2		Data_description	CCD temperature	H5T_C_S1	
									TLM_info_tlmID	VN0556, VN0557	H5T_C_S1	
									TLM_info_name	VNR NP-R CCD TMP1, VNR NP-R CCD TMP2	H5T_C_S1	
									TLM_info_short_name	V NP-R CCD TMP1, V NP-R CCD TMP2	H5T_C_S1	
									Minimum valid value	0	H5T_IEEE_F32LE	
									Maximum valid value	60	H5T_IEEE_F32LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	temp1, temp2	H5T_C_S1	
									Unit	degree C	H5T_C_S1	
56		CCD_temperature(Nadir)	CCD温度モニタ(鏡筒直下視)	H5T_IEEE_F32LE	3	6816	2		Data_description	CCD temperature	H5T_C_S1	
									TLM_info_tlmID	VN0558, VN0559	H5T_C_S1	
									TLM_info_name	VNR NP-N CCD TMP3, VNR NP-N CCD TMP4	H5T_C_S1	
									TLM_info_short_name	V NP-N CCD TMP3, V NP-N CCD TMP4	H5T_C_S1	
									Minimum valid value	0	H5T_IEEE_F32LE	
									Maximum valid value	60	H5T_IEEE_F32LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	temp3, temp4	H5T_C_S1	
									Unit	degree C	H5T_C_S1	
57		CCD_temperature(Left)	CCD温度モニタ(鏡筒左方視)	H5T_IEEE_F32LE	3	6816	2		Data_description	CCD temperature	H5T_C_S1	
									TLM_info_tlmID	VN0560, VN0561	H5T_C_S1	
									TLM_info_name	VNR NP-L CCD TMP5, VNR NP-L CCD TMP6	H5T_C_S1	
									TLM_info_short_name	V NP-L CCD TMP5, V NP-L CCD TMP6	H5T_C_S1	
									Minimum valid value	0	H5T_IEEE_F32LE	
									Maximum valid value	60	H5T_IEEE_F32LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	temp5, temp6	H5T_C_S1	
									Unit	degree C	H5T_C_S1	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考								
58	Ancillary_data/PL_ASP_SD	PD_monitor_gain	光量モニタゲイン	H5T_STD_U8LE	3	6816			Data_description	Sun monitor gain 0 : HI gain 1 : LO gain	H5T_C_S1									
									TLM_info_tlmID	VN0573	H5T_C_S1									
									TLM_info_name	VNR PD GAIN HI/LO	H5T_C_S1									
									TLM_info_short_name	V PD GAIN	H5T_C_S1									
									Dim0	Left, Nadir, Right	H5T_C_S1									
									Dim1	lines	H5T_C_S1									
59	LED_white_on_off	白色LED ON/OFF	H5T_STD_U8LE	3	6816			Data_description	White LED ON/OFF status 0 : LED1 OFF / LED2 OFF 1 : LED1 OFF / LED2 ON 2 : LED1 ON / LED2 OFF 3 : LED1 ON / LED2 ON	H5T_C_S1										
								TLM_info_tlmID	VN0574	H5T_C_S1										
								TLM_info_name	VNR VIS-LED ON/OFF	H5T_C_S1										
								TLM_info_short_name	V VIS-LED ONOFF	H5T_C_S1										
								Dim0	Left, Nadir, Right	H5T_C_S1										
								Dim1	lines	H5T_C_S1										
60	LED_NIR_on_off	近赤外LED ON/OFF	H5T_STD_U8LE	3	6816			Data_description	LED NIR status 0 : LED1 OFF / LED2 OFF 1 : LED1 OFF / LED2 ON 2 : LED1 ON / LED2 OFF 3 : LED1 ON / LED2 ON	H5T_C_S1										
								TLM_info_tlmID	VN0575	H5T_C_S1										
								TLM_info_name	VNR NIR-LED ON/OFF	H5T_C_S1										
								TLM_info_short_name	V NIR-LED ONOFF	H5T_C_S1										
								Dim0	Left, Nadir, Right	H5T_C_S1										
								Dim1	lines	H5T_C_S1										
61	PD_monitor	光量モニタ	H5T_IEEE_F32LE	3	6816	4		Data_description	Sun monitor	H5T_C_S1										
								TLM_info_tlmID	VN0576, VN0577, VN0578, VN0579	H5T_C_S1										
								TLM_info_name	VNR PD MON1, VNR PD MON2, VNR PD MON3, VNR PD MON4	H5T_C_S1										
								TLM_info_short_name	V PD LEV1, V PD LEV2, V PD LEV3, V PD LEV4	H5T_C_S1										
								Minimum_valid_value	0	H5T_IEEE_F32LE										
								Maximum_valid_value	-999	H5T_IEEE_F32LE										
								Dim0	Left, Nadir, Right	H5T_C_S1										
								Dim1	lines	H5T_C_S1										
								Dim2	monitor1-monitor4	H5T_C_S1										
								Unit	nA	H5T_C_S1										
								62	LED_white_current	内部光源駆動電流(白色LED)		H5T_IEEE_F32LE	3	6816	2	4	Data_description	LED white current	H5T_C_S1	
TLM_info_tlmID	VN0580, VN0581, VN0582, VN0583, VN0584, VN0585, VN0586, VN0587	H5T_C_S1																		
TLM_info_name	VNR VIS-LED1-1 CUR, VNR VIS-LED1-2 CUR, VNR VIS-LED1-3 CUR, VNR VIS-LED1-4 CUR, VNR VIS-LED2-1 CUR, VNR VIS-LED2-2 CUR, VNR VIS-LED2-3 CUR, VNR VIS-LED2-4 CUR	H5T_C_S1																		
TLM_info_short_name	V VIS-LED1-1 CUR, V VIS-LED1-2 CUR, V VIS-LED1-3 CUR, V VIS-LED1-4 CUR, V VIS-LED2-1 CUR, V VIS-LED2-2 CUR, V VIS-LED2-3 CUR, V VIS-LED2-4 CUR	H5T_C_S1																		
Minimum_valid_value	0	H5T_IEEE_F32LE																		
Maximum_valid_value	80	H5T_IEEE_F32LE																		
Dim0	Left, Nadir, Right	H5T_C_S1																		
Dim1	lines	H5T_C_S1																		
Dim2	white LED1, white LED2	H5T_C_S1																		
Dim3	cur1-cur4	H5T_C_S1																		
Unit	mA	H5T_C_S1																		
63	LED_NIR_current	内部光源駆動電流(近赤外LED)	H5T_IEEE_F32LE	3	6816	2					Data_description						LED NIR current	H5T_C_S1		
											TLM_info_tlmID						VN0588, VN0589	H5T_C_S1		
								TLM_info_name	VNR NIR-LED1 CUR, VNR NIR-LED2 CUR	H5T_C_S1										
								TLM_info_short_name	V NIR-LED1 CUR, V NIR-LED2 CUR	H5T_C_S1										
								Minimum_valid_value	0	H5T_IEEE_F32LE										
								Maximum_valid_value	120	H5T_IEEE_F32LE										
								Dim0	Left, Nadir, Right	H5T_C_S1										
								Dim1	lines	H5T_C_S1										
								Dim2	NIR LED1 NIR LED2	H5T_C_S1										
								Unit	mA	H5T_C_S1										
								64	LED_white_temperature	白色LED用温度モニタ	H5T_IEEE_F32LE	3	6816	2		Data_description	LED white temperature	H5T_C_S1		
TLM_info_tlmID	VN0590, VN0591	H5T_C_S1																		
TLM_info_name	VNR VIS-LED TMP1, VNR VIS-LED TMP2	H5T_C_S1																		
TLM_info_short_name	V VIS-LED TMP1, V VIS-LED TMP2	H5T_C_S1																		
Minimum_valid_value	0	H5T_IEEE_F32LE																		
Maximum_valid_value	60	H5T_IEEE_F32LE																		
Dim0	Left, Nadir, Right	H5T_C_S1																		
Dim1	lines	H5T_C_S1																		
Dim2	LED1 monitor, LED2 monitor	H5T_C_S1																		
Unit	degree C	H5T_C_S1																		
65	LED_NIR_temperature	近赤外用温度モニタ	H5T_IEEE_F32LE	3	6816	2										Data_description	LED NIR temperature	H5T_C_S1		
								TLM_info_tlmID	VN0592, VN0593	H5T_C_S1										
								TLM_info_name	VNR NIR-LED TMP1, VNR NIR-LED TMP2	H5T_C_S1										
								TLM_info_short_name	V NIR-LED TMP1, V NIR-LED TMP2	H5T_C_S1										
								Minimum_valid_value	0	H5T_IEEE_F32LE										
								Maximum_valid_value	60	H5T_IEEE_F32LE										
								Dim0	Left, Nadir, Right	H5T_C_S1										
								Dim1	lines	H5T_C_S1										
								Dim2	LED1 monitor, LED2 monitor	H5T_C_S1										
								Unit	degree C	H5T_C_S1										

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
66		PD_monitor_temperature	光量モニタ用温度モニタ	H5T_IEEE_F32LE	3	6816		Data_description	Sun monitor temperature	H5T_C_S1		
								TLM_info_tlmID	VN0594	H5T_C_S1		
								TLM_info_name	VNR_PD_TMP	H5T_C_S1		
								TLM_info_short_name	V_PD_TMP	H5T_C_S1		
								Minimum_valid_value	0	H5T_IEEE_F32LE		
								Maximum_valid_value	60	H5T_IEEE_F32LE		
								Dim0	Left, Nadir, Right	H5T_C_S1		
								Dim1	lines	H5T_C_S1		
								Unit	degree C	H5T_C_S1		
67	Ancillary_data/MTR_SD	Diffuser_pulse_count	拡散板バルスカウント	H5T_IEEE_F32LE	3	6816		Data_description	Steer angle of scatter diffuser	H5T_C_S1		
								TLM_info_tlmID	VN0668	H5T_C_S1		
								TLM_info_name	VNR_DIF_PLS(ANG)	H5T_C_S1		
								TLM_info_short_name	V_DIF_PLS_CNT(ANG)	H5T_C_S1		
								Minimum_valid_value	-175	H5T_IEEE_F32LE		
								Maximum_valid_value	45	H5T_IEEE_F32LE		
								Dim0	Left, Nadir, Right	H5T_C_S1		
								Dim1	lines	H5T_C_S1		
								Unit	degree	H5T_C_S1		
68		Diffuser_status	拡散板駆動ステータス	H5T_STD_U8LE	3	6816		Data_description	Status of scatter diffuser 0 : Stop 1 : Drive	H5T_C_S1		
								TLM_info_tlmID	VN0603	H5T_C_S1		
								TLM_info_name	VNR_DIF_MOVE_ST	H5T_C_S1		
								TLM_info_short_name	V_DIF_MOVE_ST	H5T_C_S1		
								Dim0	Left, Nadir, Right	H5T_C_S1		
								Dim1	lines	H5T_C_S1		
69		Tilt_status	チルト駆動ステータス	H5T_STD_U8LE	3	6816		Data_description	Status of tilt 0 : Stop 1 : Drive	H5T_C_S1		
								TLM_info_tlmID	VN0628	H5T_C_S1		
								TLM_info_name	VNR_TLT_MOVE_ST	H5T_C_S1		
								TLM_info_short_name	V_TILT_MOVE_ST	H5T_C_S1		
								Dim0	Left, Nadir, Right	H5T_C_S1		
								Dim1	lines	H5T_C_S1		
70		Tilt_angle	チルト角 (バルスカウント算出)	H5T_IEEE_F32LE	3	6816		Data_description	Tilt angle of VNR-PL lens telescope	H5T_C_S1		
								TLM_info_tlmID	VN0669	H5T_C_S1		
								TLM_info_name	VNR_TLT_PLS(ANG)	H5T_C_S1		
								TLM_info_short_name	V_TLT_PLS_CNT(ANG)	H5T_C_S1		
								Minimum_valid_value	-90	H5T_IEEE_F32LE		
								Maximum_valid_value	90	H5T_IEEE_F32LE		
								Dim0	Left, Nadir, Right	H5T_C_S1		
								Dim1	lines	H5T_C_S1		
								Unit	degree	H5T_C_S1		
71		Tilt_angle_resolver	チルト角 (レゾルバカウント算出)	H5T_IEEE_F32LE	3	6816		Data_description	Tilt angle from resolver count of VNR-PL lens	H5T_C_S1		
								TLM_info_tlmID	VN0638	H5T_C_S1		
								TLM_info_name	VNR_TLT_RESE_DAT	H5T_C_S1		
								TLM_info_short_name	V_TLT_RESE_DAT	H5T_C_S1		
								Minimum_valid_value	-90	H5T_IEEE_F32LE		
								Maximum_valid_value	90	H5T_IEEE_F32LE		
								Dim0	Left, Nadir, Right	H5T_C_S1		
								Dim1	lines	H5T_C_S1		
								Unit	degree	H5T_C_S1		
72	Ancillary_data/HCE_SD	HCE_temperature	HCE センサ計測温度	H5T_IEEE_F64LE	3	6816	64	Data_description	HCE sensor temperature	H5T_C_S1		
								TLM_info_tlmID	VN0345-VN0408	H5T_C_S1		
								TLM_info_name	VNR_HCE_CHI_TMP-VNR_HCE_CHI_TMP	H5T_C_S1		
								TLM_info_short_name	V_HCE_TMP_NUM1-V_HCE_TMP_NUM64	H5T_C_S1		
								Minimum_valid_value	0	H5T_IEEE_F64LE		
								Maximum_valid_value	-999	H5T_IEEE_F64LE		
								Dim0	Left, Nadir, Right	H5T_C_S1		
								Dim1	lines	H5T_C_S1		
								Dim2	templ-temp64	H5T_C_S1		
								Unit	degree C	H5T_C_S1		
Converted_PCD		-	-	-	-	-	-	Worst_orbit_source	0	H5T_STD_U8LE		
								Worst_orbit_source_data_description	Source of orbit data(GPS_position_ECR, GPS_velocity_ECR, GPS_position_ECI, GPS_velocity_ECI, Argument_of_latitude) 0 : Realtime PCD 1 : Decision Ephemeris 2 : Prediction Ephemeris	H5T_C_S1		
								Worst_attitude_source	0	H5T_STD_U8LE		
								Worst_attitude_source_data_description	Source of attitude data(Attitude_time, Attitude_error_angle, Attitude_angular_velocity, Attitude_flag, Quaternion, Quaternion_index, Quaternion_number) 0 : Realtime PCD (Quaternion) 1 : Realtime PCD (Eular angle) 2 : Nominal	H5T_C_S1		
73		Navigation_time	GPS航法時刻 [GPS]	H5T_IEEE_F64LE	354			Data_description	GPS navigation time	H5T_C_S1		
								Epoch_time	19800106 00:00:00	H5T_C_S1		
								Dim0	orbit records (1Hz)	H5T_C_S1		
								Unit	sec	H5T_C_S1		
74		GPS_position_ECR	GPS衛星位置 (WGS84座標系)	H5T_IEEE_F32LE	354	3		Data_description	GCOM-C position calculated by GPS	H5T_C_S1		
								Coordinate_system	WGS84	H5T_C_S1		
								Dim0	orbit records (1Hz)	H5T_C_S1		
								Dim1	x, y, z	H5T_C_S1		
								Unit	km	H5T_C_S1		

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
75		GPS_velocity_ECR	GPS衛星速度(WGS84座標系)	H5T_IEEE_F32LE	354	3			Data_description	GCOM-C velocity calculated by GPS	H5T_C_S1	
									Coordinate_system	WGS84	H5T_C_S1	
									Dim0	orbit records (1Hz)	H5T_C_S1	
									Dim1	Vx, Vy, Vz	H5T_C_S1	
									Unit	km/s	H5T_C_S1	
76		GPS_position_ECI	GPS衛星位置(J2000座標系)	H5T_IEEE_F32LE	354	3			Data_description	GCOM-C position calculated by GPS	H5T_C_S1	
									Coordinate_system	J2000	H5T_C_S1	
									Dim0	orbit records (1Hz)	H5T_C_S1	
									Dim1	x, y, z	H5T_C_S1	
									Unit	km	H5T_C_S1	
77		GPS_velocity_ECI	GPS衛星速度(J2000座標系)	H5T_IEEE_F32LE	354	3			Data_description	GCOM-C velocity calculated by GPS	H5T_C_S1	
									Coordinate_system	J2000	H5T_C_S1	
									Dim0	orbit records (1Hz)	H5T_C_S1	
									Dim1	Vx, Vy, Vz	H5T_C_S1	
									Unit	km/s	H5T_C_S1	
78		Argument_of_latitude	緯度指数(WGS84座標系) [真緯度指数]	H5T_IEEE_F32LE	354				Data_description	Argument of latitude (true anomaly)	H5T_C_S1	
									Coordinate_system	WGS84	H5T_C_S1	
									Dim0	orbit records (1Hz)	H5T_C_S1	
									Unit	degree	H5T_C_S1	
									79		Navigation_status	
Bit00(LSB)-01	navigation status 00 : Stop 01 : AG filter 10 : Kalman filter 11 : Kalman filter(Convergence)	H5T_C_S1										
Bit02-07	spare	H5T_C_S1										
Bit08-09	antenna (CH1) 00 : Not use 01 : GPSR-A 10 : GPSR-B 11 : N/A	H5T_C_S1										
Bit10-11	antenna (CH2) 00 : Not use 01 : GPSR-A 10 : GPSR-B 11 : N/A	H5T_C_S1										
Bit12-13	antenna (CH3) 00 : Not use 01 : GPSR-A 10 : GPSR-B 11 : N/A	H5T_C_S1										
Bit14-15	antenna (CH4) 00 : Not use 01 : GPSR-A 10 : GPSR-B 11 : N/A	H5T_C_S1										
Bit16-17	antenna (CH5) 00 : Not use 01 : GPSR-A 10 : GPSR-B 11 : N/A	H5T_C_S1										
Bit18-19	antenna (CH6) 00 : Not use 01 : GPSR-A 10 : GPSR-B 11 : N/A	H5T_C_S1										
Bit20-21	antenna (CH7) 00 : Not use 01 : GPSR-A 10 : GPSR-B 11 : N/A	H5T_C_S1										
Bit22-23	antenna (CH8) 00 : Not use 01 : GPSR-A 10 : GPSR-B 11 : N/A	H5T_C_S1										
80		Attitude_time	姿勢決定時刻 [GPS]	H5T_IEEE_F64LE	354				Bit24-31 (MSB)	spare	H5T_C_S1	
									Dim0	Realtime PCD records (1Hz)	H5T_C_S1	
									Data_description	Time when attitude determined	H5T_C_S1	
									Epoch_time	19800106 00:00:00	H5T_C_S1	
									Dim0	attitude records (1Hz)	H5T_C_S1	
81		Attitude_error_angle	姿勢誤差 [軌道面座標系]	H5T_IEEE_F32LE	354	3			Unit	sec	H5T_C_S1	
									Data_description	Attitude error	H5T_C_S1	
									Dim0	attitude records (1Hz)	H5T_C_S1	
									Dim1	Roll, Pitch, Yaw	H5T_C_S1	
82		Attitude_angular_velocity	姿勢角速度 [軌道面座標系]	H5T_IEEE_F32LE	354	3			Unit	degree	H5T_C_S1	
									Data_description	Attitude angular velocity	H5T_C_S1	
									Dim0	attitude records (1Hz)	H5T_C_S1	
									Dim1	Roll, Pitch, Yaw	H5T_C_S1	
								Unit	degree/sec	H5T_C_S1		

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
83		Attitude_flag	姿勢フラグ	H5T_STD_U8LE	354				Data_description	Quaternion usable / unusable flag 0 : ESA/IRU (quaternion unusable) 1 : STT/IRU (quaternion usable) 255 : Error value	H5T_C_S1	
									Dim0	attitude records (1Hz)	H5T_C_S1	
84		Quaternion	クォータニオン	H5T_IEEE_F32LE	354	11	4		Data_description	Quaternion(9-11 data per sec)	H5T_C_S1	
									Error_value	-999.99	H5T_IEEE_F32LE	
									Dim0	attitude records (1Hz)	H5T_C_S1	
									Dim1	Maximum number of quaternions (unusable area is stored with indefinite value)	H5T_C_S1	
									Dim2	q1, q2, q3, q4(scalar)	H5T_C_S1	
85		Quaternion_index	姿勢決定時刻インデックス	H5T_STD_U8LE	354				Data_description	Quaternion index (0-10) corresponds to "Att_time"	H5T_C_S1	
									Error_value	255	H5T_STD_U8LE	
									Dim0	attitude records (1Hz)	H5T_C_S1	
									Minimum_valid_value	0	H5T_STD_U8LE	
									Maximum_valid_value	10	H5T_STD_U8LE	
86		Quaternion_number	クォータニオンの有効数	H5T_STD_U8LE	354				Data_description	Available number of quaternion	H5T_C_S1	
									Error_value	255	H5T_STD_U8LE	
									Dim0	attitude records (1Hz)	H5T_C_S1	
									Minimum_valid_value	9	H5T_STD_U8LE	
									Maximum_valid_value	11	H5T_STD_U8LE	
87		AOCS_mode	AOCS制御モード	H5T_STD_U8LE	354				Data_description	AOCS(Attitude and Orbit Control System) control mode	H5T_C_S1	
									Bit00(LSB)-07	Control Mode / Control Sub Mode 01110000 : Normal control / Not execute unloading 01110001 : Normal control / Execute magnetic unloading 01110010 : Normal control / Execute thruster unloading 10000000 : Orbit control / Attitude control thruster Delta-V (pitch and yaw-failure) 10000001 : Orbit control / Orbit control thruster (normal) 10000010 : Orbit control / Orbit control thruster Delta-V (pitch-failure) 10000011 : Orbit control / Orbit control thruster Delta-V (yaw-failure) 10000100 : Orbit control / Attitude control thruster(Three axis stabilized attitude control) 10000101 : Orbit control / Delta-V Idling 10000110 : Orbit control / Yaw around (first half) 10000111 : Orbit control / Yaw around (last half) 10010000 : Calibration Maneuver / Solar calibration or Gain deviation maneuver(First maneuver) 10010001 : Calibration Maneuver / Solar calibration or Gain deviation maneuver(Second maneuver) 10010010 : Calibration Maneuver / Solar calibration or Gain deviation maneuver(Third maneuver) 10010011 : Calibration Maneuver / Lunar calibration maneuver(First maneuver) 10010100 : Calibration Maneuver / Lunar calibration maneuver(Second maneuver) 10010101 : Calibration Maneuver / Lunar calibration maneuver(Third maneuver) Others : Not defined	H5T_C_S1	
									Error_value	255	H5T_C_S1	
									Dim0	Realtime PCD records (1Hz)	H5T_C_S1	
88		Orbit_source	軌道情報の源泉種別	H5T_STD_U8LE	354				Data_description	Source of orbit data(GPS_position_ECR, GPS_velocity_ECR, GPS_position_ECI, GPS_velocity_ECI, Argument_of_latitude) 0 : Realtime PCD 1 : Decision Ephemeris 2 : Prediction Ephemeris	H5T_C_S1	
									Dim0	orbit records (1Hz)	H5T_C_S1	
89		Attitude_source	姿勢情報の源泉種別	H5T_STD_U8LE	354				Data_description	Source of attitude data(Attitude_time, Attitude_error_angle, Attitude_angular_velocity, Attitude_flag, Quaternion, Quaternion_index, Quaternion_number) 0 : Realtime PCD (Quaternion) 1 : Realtime PCD (Eular angle) 2 : Nominal	H5T_C_S1	
									Dim0	attitude records (1Hz)	H5T_C_S1	
	Geometry_parameter								Geometry_parameter_version	0002	H5T_C_S1	
90		Sensor_position	センサの視線原点の位置 [衛星固定座標系]	H5T_IEEE_F64LE	3	3			Data_description	Sensor base position	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	x, y, z	H5T_C_S1	
									Unit	mm	H5T_C_S1	
91		GPSR_position	GPSR位置[衛星固定座標系]	H5T_IEEE_F64LE	2	3			Data_description	GPSR position	H5T_C_S1	
									Dim0	Antenna-A, Antenna-B	H5T_C_S1	
									Dim1	x, y, z	H5T_C_S1	
									Unit	mm	H5T_C_S1	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
92		Sensor_alignment	取付アライメント	H5T_IEEE_F64LE	3	3	3		Data_description	Sensor alignment	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	Rows	H5T_C_S1	
									Dim2	Columns	H5T_C_S1	
									Unit	N/A	H5T_C_S1	
93		Primary_change_rate	一次変化率	H5T_IEEE_F64LE	3	3		Data_description	Primary change rate	H5T_C_S1		
								Dim0	Left, Nadir, Right	H5T_C_S1		
								Dim1	lx, ly, lz	H5T_C_S1		
								Unit	radian/day	H5T_C_S1		
								Unit	N/A	H5T_C_S1		
94		Exponential_amplitude	指数項振幅	H5T_IEEE_F64LE	3	3		Data_description	Exponential term amplitude	H5T_C_S1		
								Dim0	Left, Nadir, Right	H5T_C_S1		
								Dim1	Ax, Ay, Az	H5T_C_S1		
								Unit	N/A	H5T_C_S1		
								Unit	N/A	H5T_C_S1		
95		Exponential_time_constant	指数項時定数	H5T_IEEE_F64LE	3			Data_description	Exponential term time constant	H5T_C_S1		
								Dim0	Left, Nadir, Right	H5T_C_S1		
								Unit	day	H5T_C_S1		
								Unit	day	H5T_C_S1		
								Unit	day	H5T_C_S1		
96		Long_period	長周期(長周期バイアス変動)	H5T_IEEE_F64LE	3			Data_description	Long round period	H5T_C_S1		
								Epoch_time	20000101	H5T_C_S1		
								Dim0	Left, Nadir, Right	H5T_C_S1		
								Unit	day	H5T_C_S1		
								Unit	day	H5T_C_S1		
97		Long_fourier_coef	フーリエ級数係数(長周期バイアス変動)	H5T_IEEE_F64LE	3	6	8	Data_description	Fourier series coefficient (Long round period)	H5T_C_S1		
								Dim0	Left, Nadir, Right	H5T_C_S1		
								Dim1	ax, bx, ay, by, az, bz	H5T_C_S1		
								Dim2	degreel-degree8	H5T_C_S1		
								Unit	N/A	H5T_C_S1		
98		Orbit_period	軌道周期(熱歪軌道周回変動)	H5T_IEEE_F64LE	3			Data_description	Orbit period	H5T_C_S1		
								Dim0	Left, Nadir, Right	H5T_C_S1		
								Unit	min	H5T_C_S1		
								Unit	min	H5T_C_S1		
								Unit	min	H5T_C_S1		
99		Orbit_fourier_coef	フーリエ級数係数(熱歪軌道周回変動)	H5T_IEEE_F64LE	3	6	8	Data_description	Fourier series coefficient (Orbit period)	H5T_C_S1		
								Dim0	Left, Nadir, Right	H5T_C_S1		
								Dim1	ax, bx, ay, by, az, bz	H5T_C_S1		
								Dim2	degreel-degree8	H5T_C_S1		
								Unit	N/A	H5T_C_S1		
100		Geo_opt_L	画素視線ベクトル要素(左鏡筒) [センサ基準座標系]	H5T_IEEE_F64LE	11	2	6	Data_description	CCD sensor vector parameter (Left)	H5T_C_S1		
								Dim0	VN10 (S01), VN07 (S02), VN06 (S03), VN04 (S04), VN02 (S05), VN01 (S06), VN03 (S07), VN05 (S08), VN08 (S09), VN11 (S10), VN09 (S11)	H5T_C_S1		
								Dim1	theta-x, theta-y	H5T_C_S1		
								Dim2	A0-A5	H5T_C_S1		
								Unit	N/A	H5T_C_S1		
101		Geo_opt_N	画素視線ベクトル要素(中央鏡筒) [センサ基準座標系]	H5T_IEEE_F64LE	11	2	6	Data_description	CCD sensor vector parameter (Nadir)	H5T_C_S1		
								Dim0	VN10 (S01), VN07 (S02), VN06 (S03), VN04 (S04), VN02 (S05), VN01 (S06), VN03 (S07), VN05 (S08), VN08 (S09), VN11 (S10), VN09 (S11)	H5T_C_S1		
								Dim1	theta-x, theta-y	H5T_C_S1		
								Dim2	A0-A5	H5T_C_S1		
								Unit	N/A	H5T_C_S1		
102		Geo_opt_R	画素視線ベクトル要素(右鏡筒) [センサ基準座標系]	H5T_IEEE_F64LE	11	2	6	Data_description	CCD sensor vector parameter (Right)	H5T_C_S1		
								Dim0	VN10 (S01), VN07 (S02), VN06 (S03), VN04 (S04), VN02 (S05), VN01 (S06), VN03 (S07), VN05 (S08), VN08 (S09), VN11 (S10), VN09 (S11)	H5T_C_S1		
								Dim1	theta-x, theta-y	H5T_C_S1		
								Dim2	A0-A5	H5T_C_S1		
								Unit	N/A	H5T_C_S1		
103	Radiometric_parameter	Offset_prepost_VN01	Pre/Post・スキャン/OPBから求める分光放射輝度算出用オフセット(VN01)	H5T_IEEE_F32LE	3	6816		Data_description	Radiometric offset parameter from pre/post scan/OPB	H5T_C_S1		
								Dim0	Left, Nadir, Right	H5T_C_S1		
								Dim1	lines	H5T_C_S1		
								Unit	Count	H5T_C_S1		
								Unit	Count	H5T_C_S1		
104		Offset_prepost_VN02	Pre/Post・スキャン/OPBから求める分光放射輝度算出用オフセット(VN02)	H5T_IEEE_F32LE	3	6816		Data_description	Radiometric offset parameter from pre/post scan/OPB	H5T_C_S1		
								Dim0	Left, Nadir, Right	H5T_C_S1		
								Dim1	lines	H5T_C_S1		
								Unit	Count	H5T_C_S1		
								Unit	Count	H5T_C_S1		
105		Offset_prepost_VN03	Pre/Post・スキャン/OPBから求める分光放射輝度算出用オフセット(VN03)	H5T_IEEE_F32LE	3	6816		Data_description	Radiometric offset parameter from pre/post scan/OPB	H5T_C_S1		
								Dim0	Left, Nadir, Right	H5T_C_S1		
								Dim1	lines	H5T_C_S1		
								Unit	Count	H5T_C_S1		
								Unit	Count	H5T_C_S1		
106		Offset_prepost_VN04	Pre/Post・スキャン/OPBから求める分光放射輝度算出用オフセット(VN04)	H5T_IEEE_F32LE	3	6816		Data_description	Radiometric offset parameter from pre/post scan/OPB	H5T_C_S1		
								Dim0	Left, Nadir, Right	H5T_C_S1		
								Dim1	lines	H5T_C_S1		
								Unit	Count	H5T_C_S1		
								Unit	Count	H5T_C_S1		
107		Offset_prepost_VN05	Pre/Post・スキャン/OPBから求める分光放射輝度算出用オフセット(VN05)	H5T_IEEE_F32LE	3	6816		Data_description	Radiometric offset parameter from pre/post scan/OPB	H5T_C_S1		
								Dim0	Left, Nadir, Right	H5T_C_S1		
								Dim1	lines	H5T_C_S1		
								Unit	Count	H5T_C_S1		
								Unit	Count	H5T_C_S1		
108		Offset_prepost_VN06	Pre/Post・スキャン/OPBから求める分光放射輝度算出用オフセット(VN06)	H5T_IEEE_F32LE	3	6816		Data_description	Radiometric offset parameter from pre/post scan/OPB	H5T_C_S1		
								Dim0	Left, Nadir, Right	H5T_C_S1		
								Dim1	lines	H5T_C_S1		
								Unit	Count	H5T_C_S1		
								Unit	Count	H5T_C_S1		

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
109		Offset_prepost_VN07	Pre/Post・スキャン/OPBから求める分光放射輝度算出用オフセット (VN07)	H5T_IEEE_F32LE	3	6816			Data_description	Radiometric offset parameter from pre/post scan/OPB	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Unit	Count	H5T_C_S1	
110		Offset_prepost_VN08	Pre/Post・スキャン/OPBから求める分光放射輝度算出用オフセット (VN08)	H5T_IEEE_F32LE	3	6816			Data_description	Radiometric offset parameter from pre/post scan/OPB	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Unit	Count	H5T_C_S1	
111		Offset_prepost_VN09	Pre/Post・スキャン/OPBから求める分光放射輝度算出用オフセット (VN09)	H5T_IEEE_F32LE	3	6816			Data_description	Radiometric offset parameter from pre/post scan/OPB	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Unit	Count	H5T_C_S1	
112		Offset_prepost_VN10	Pre/Post・スキャン/OPBから求める分光放射輝度算出用オフセット (VN10)	H5T_IEEE_F32LE	3	6816			Data_description	Radiometric offset parameter from pre/post scan/OPB	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Unit	Count	H5T_C_S1	
113		Offset_prepost_VN11	Pre/Post・スキャン/OPBから求める分光放射輝度算出用オフセット (VN11)	H5T_IEEE_F32LE	3	6816			Data_description	Radiometric offset parameter from pre/post scan/OPB	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Unit	Count	H5T_C_S1	
114	Data_quality_flag	Qf_scan	スキャン品質フラグ	H5T_STD_USLE	3	11	6816		Data_description	Quality flag of each scan	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	VN01 (S06), VN02 (S05), VN03 (S07), VN04 (S04), VN05 (S08), VN06 (S03), VN07 (S02), VN08 (S09), VN09 (S11), VN10 (S01), VN11 (S10)	H5T_C_S1	
									Dim2	lines	H5T_C_S1	
									Bit00 (LSB)-002	Quality flag 000 : Normal line 001 : Lack line 011 : Lack line (1km/500m->250m or 1km->500m) 100 : Lack line (for calibration) 101 : Lack line (for synchronization between sensors) 010 : Resampling line (250m->1km/500m) 110 : Resampling line (500m->1km) 111 : Mixed line (000, 001, 011, 100, 101, 010, 110)	H5T_C_S1	
115		Qf_data	データ品質フラグ	H5T_STD_U16LE	3	6816	1500		Data_description	Quality flag of each pixel	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	VN01 (S06), VN02 (S05), VN03 (S07), VN04 (S04), VN05 (S08), VN06 (S03), VN07 (S02), VN08 (S09), VN09 (S11), VN10 (S01), VN11 (S10)	H5T_C_S1	
									Dim2	lines	H5T_C_S1	
									Bit00 (LSB)-Bit10	Stray-light quantity flag 0-10: VN01 (S06), VN02 (S05), VN03 (S07), VN04 (S04), VN05 (S08), VN06 (S03), VN07 (S02), VN08 (S09), VN09 (S11), VN10 (S01), VN11 (S10) 0 : Less than threshold 1 : More than threshold	H5T_C_S1	
116		Qf_data_stray	迷光補正量	H5T_STD_USLE	3	6816	1500		Data_description	This dataset isn't used.	H5T_C_S1	
									Band_width	0.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	0.0	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
Band_weighted_TOA_solar_irradiance	956.2323	H5T_IEEE_F32LE										
Band_weighted_TOA_solar_irradiance_unit	W/m ² /um	H5T_C_S1										
Dim0	Left, Nadir, Right	H5T_C_S1										
Dim1	lines	H5T_C_S1										
Dim2	pixels	H5T_C_S1										
Error_DN	255	H5T_STD_USLE										
Maximum_valid_DN	254	H5T_STD_USLE										
Minimum_valid_DN	0	H5T_STD_USLE										
Saturation_radiance	0.0	H5T_IEEE_F32LE										
Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1										
Spatial_resolution	250.0	H5T_IEEE_F32LE										
Spatial_resolution_unit	meter	H5T_C_S1										
Unit	W/m ² /um/sr	H5T_C_S1										
Slope	0.007	H5T_IEEE_F32LE										
Offset	0	H5T_IEEE_F32LE										
Channel		H5T_C_S1										

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
117		Qf_GPS	GPSの受信状況	H5T_STD_U8LE	354				Data_description	Quality flag of GPS 0 : GPS time standard 1 : DMS time standard 255 : Error value	H5T_C_S1	
									Dim0	orbit records (1Hz)	H5T_C_S1	
118		Qf_sc_position	衛星の位置の品質フラグ	H5T_STD_U8LE	354				Data_description	Quality flag of GCOM-C position 0 : Normal 1 : Satellite position value falls outside the normal range(or Error value)	H5T_C_S1	
									Dim0	orbit records (1Hz)	H5T_C_S1	
119		Qf_sc_velocity	衛星の速度の品質フラグ	H5T_STD_U8LE	354				Data_description	Quality flag of GCOM-C velocity 0 : Normal 1 : Satellite velocity value falls outside the normal range(or Error value)	H5T_C_S1	
									Dim0	orbit records (1Hz)	H5T_C_S1	
120		Qf_sc_attitude_quaternion	衛星の姿勢 (クォータニオン) の品質フラグ	H5T_STD_U8LE	354				Data_description	Quality flag of GCOM-C quaternion 0 : Normal 1 : Abnormal(or Error value)	H5T_C_S1	
									Dim0	attitude records (1Hz)	H5T_C_S1	
121		Qf_sc_attitude_eular_angle	衛星の姿勢 (オイラー角) の品質フラグ	H5T_STD_U8LE	354				Data_description	Quality flag of GCOM-C eular angle 0 : Normal 1 : Abnormal(or Error value)	H5T_C_S1	
									Dim0	attitude records (1Hz)	H5T_C_S1	
122		Qf_sc_status	衛星の状態を示すフラグ	H5T_STD_U8LE	354				Data_description	Quality flag of GCOM-C status 0 : Normal 1 : Possibly less accurate around maneuver or tilt	H5T_C_S1	
									Dim0	orbit records (1Hz)	H5T_C_S1	
123		Qf_sun_calibration	太陽光校正フラグ	H5T_STD_U8LE	6816				Data_description	Quality flag of Sun calibration 0 : Not Sun calibration 1 : Sun calibration 2 : Sun calibration(Solar elevation value falls outside the normal range)	H5T_C_S1	
									Dim0	lines	H5T_C_S1	
124		Qf_internal_lamp_calibration	内部光源校正フラグ	H5T_STD_U8LE	6816				Data_description	Quality flag of internal lamp calibration 0 : Not internal lamp calibration 1 : Internal lamp calibration	H5T_C_S1	
									Dim0	lines	H5T_C_S1	
125		Qf_electric_calibration	電気校正フラグ	H5T_STD_U8LE	6816				Data_description	Quality flag of electrical calibration 0 : Not electrical calibration 1 : Electrical calibration 2 : Indefinite	H5T_C_S1	
									Dim0	lines	H5T_C_S1	
126		Qf_maneuver	マヌーバ校正フラグ	H5T_STD_U8LE	6816				Data_description	Quality flag of maneuver 0 : Not maneuver 1 : Not maneuver(out of range) 11 : Maneuver(Moon,out of range) 12 : Maneuver(Moon,in of range) 13 : Maneuver(Moon, indefinite) 21 : Maneuver(Sun/Gain deviation) 22 : Maneuver(Sun/Gain deviation, indefinite) 31 : Orbit Control Mode(STT/IRU) 32 : Orbit Control Mode(STT/IRU, indefinite) 33 : Orbit Control Mode(not STT/IRU) 34 : Orbit Control Mode(not STT/IRU, indefinite) 255 : AOCs Control Mode Error value(nominal attitude)	H5T_C_S1	
									Dim0	lines	H5T_C_S1	
127		Qf_shutter_set	積分時間不定フラグ	H5T_STD_U8LE	6816				Data_description	Quality flag of shutter set 0 : Normal 1 : indefinite	H5T_C_S1	
									Dim0	lines	H5T_C_S1	
128		Qf_tilt_angle	チルト角の品質フラグ	H5T_STD_U8LE	6816				Data_description	Quality flag of tilt angle 0 : Normal 1 : tilt angle value falls outside the normal range	H5T_C_S1	
									Dim0	lines	H5T_C_S1	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
129		Qf_CCD_temperature_VN	CCD温度の品質フラグ (NP)	H5T_STD_U8LE	6816				Data_description	Quality flag of CCD temperature (VNR-NP)	H5T_C_S1	
									Bit00 (LSB)	temperature1 (Left lens telescope) 0 : Normal 1 : CCD temperature falls outside the normal range	H5T_C_S1	
									Bit01	temperature2 (Left lens telescope) 0 : Normal 1 : CCD temperature falls outside the normal range	H5T_C_S1	
									Bit02	temperature1 (Nadir lens telescope) 0 : Normal 1 : CCD temperature falls outside the normal range	H5T_C_S1	
									Bit03	temperature2 (Nadir lens telescope) 0 : Normal 1 : CCD temperature falls outside the normal range	H5T_C_S1	
									Bit04	temperature1 (Right lens telescope) 0 : Normal 1 : CCD temperature falls outside the normal range	H5T_C_S1	
									Bit05	temperature2 (Right lens telescope) 0 : Normal 1 : CCD temperature falls outside the normal range	H5T_C_S1	
130		Qf_CCD_temperature_PL	CCD温度の品質フラグ (PL)	H5T_STD_U8LE	6816				Dim0	lines	H5T_C_S1	
									Data_description	Quality flag of CCD temperature (VNR-PL)	H5T_C_S1	
									Bit00 (LSB)	temperature1 (P1) 0 : Normal 1 : CCD temperature falls outside the normal range	H5T_C_S1	
									Bit01	temperature2 (P1) 0 : Normal 1 : CCD temperature falls outside the normal range	H5T_C_S1	
									Bit02	temperature1 (P2) 0 : Normal 1 : CCD temperature falls outside the normal range	H5T_C_S1	
									Bit03	temperature2 (P2) 0 : Normal 1 : CCD temperature falls outside the normal range	H5T_C_S1	
									Dim0	lines	H5T_C_S1	
131		Qf_LED_temperature	LED温度の品質フラグ	H5T_STD_U8LE	6816				Data_description	Quality flag of LED	H5T_C_S1	
									Bit00 (LSB)	temperature (white LED1) 0 : Normal 1 : LED temperature falls outside the normal range	H5T_C_S1	
									Bit01	temperature (white LED2) 0 : Normal 1 : LED temperature falls outside the normal range	H5T_C_S1	
									Bit02	temperature (NIR LED1) 0 : Normal 1 : LED temperature falls outside the normal range	H5T_C_S1	
									Bit03	temperature (NIR LED2) 0 : Normal 1 : LED temperature falls outside the normal range	H5T_C_S1	
									Dim0	lines	H5T_C_S1	
									Dim0	lines	H5T_C_S1	
132		Qf_ASP_temperature	ASP温度の品質フラグ	H5T_STD_U8LE	6816				Data_description	Quality flag of ASP temperature	H5T_C_S1	
									Bit00 (LSB)	ASP temperature 0 : Normal 1 : ASP temperature falls outside the normal range	H5T_C_S1	
133		Qf_sun_monitor_temperature	光量モニタの品質フラグ	H5T_STD_U8LE	6816				Dim0	lines	H5T_C_S1	
									Data_description	Quality flag of sun monitor temperature	H5T_C_S1	
134		Qf_diffuser	拡散板の品質フラグ	H5T_STD_U8LE	6816				Bit00 (LSB)-Bit03	monitor1-monitor4 0 : Normal 1 : Sun monitor value falls outside the normal range	H5T_C_S1	
									Dim0	lines	H5T_C_S1	
135		Qf_offset	オフセット値の算出フラグ 分光放射輝度算出に使用したオフセット値の品質フラ	H5T_STD_U16LE	3	6816			Data_description	Quality flag of offset	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Bit00 (LSB)-Bit10	0-10: VN01 (S06), VN02 (S05), VN03 (S07), VN04 (S04), VN05 (S08), VN06 (S03), VN07 (S02), VN08 (S09), VN09 (S11), VN10 (S01), VN11 (S10) 0 : Good precision 1 : Bad precision	H5T_C_S1	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考	
136		Qf_gain	ゲイン値の算出フラグ 分光放射輝度算出に使用したゲイン値の品質フラグ	H5T_STD_U16LE	3	6816			Data_description	Quality flag of gain	H5T_C_S1		
									Dim0	Left, Nadir, Right	H5T_C_S1		
									Dim1	lines	H5T_C_S1		
137		Saturation_num_in_line	飽和輝度値の数	H5T_STD_U16LE	3	11	6816			Data_description	Number of saturation data in line	H5T_C_S1	1ライン中の画素のデジタルカウント値を1画素ずつ、飽和しているか判定し、飽和している数をカウントする。 とりうる値の範囲は、 0 ~ Raw_data/Number_of_pixels 飽和の判定条件： デジタルカウント値 ≥ DNmax DNmax： デジタルカウント値の飽和しきい値。 鏡筒、チャンネル、分解能ごとの処理パラメータ。 設定値は0~4095。
										Dim0	Left, Nadir, Right	H5T_C_S1	
										Dim1	VN01 (S06), VN02 (S05), VN03 (S07), VN04 (S04), VN05 (S08), VN06 (S03), VN07 (S02), VN08 (S09), VN09 (S11), VN10 (S01), VN11 (S10)	H5T_C_S1	
Geometry_data		—	—	—	—	—	—	—	Number_of_lines	683	H5T_STD_I32LE		
									Number_of_pixels	151	H5T_STD_I32LE		
									Latitude_unit	degree North	H5T_C_S1		
									Longitude_unit	degree East	H5T_C_S1		
									Upper_left_latitude	31.771229	H5T_IEEE_F32LE		Error_value:-999.99
									Upper_left_longitude	177.67711	H5T_IEEE_F32LE		Error_value:-999.99
									Upper_right_latitude	34.70099	H5T_IEEE_F32LE		Error_value:-999.99
									Upper_right_longitude	158.7626	H5T_IEEE_F32LE		Error_value:-999.99
									Lower_left_latitude	45.7335	H5T_IEEE_F32LE		Error_value:-999.99
									Lower_left_longitude	-175.31715	H5T_IEEE_F32LE		Error_value:-999.99
									Lower_right_latitude	49.363934	H5T_IEEE_F32LE		Error_value:-999.99
Lower_right_longitude	161.3183	H5T_IEEE_F32LE	Error_value:-999.99										
138		GPS_TAI	GPS-TAI (1993) の差分秒	H5T_IEEE_F64LE	1				Data_description	Time difference between GPS (Epoch 1980/1/6) and TAI (Epoch 1993/1/1)	H5T_C_S1		
									Unit	sec	H5T_C_S1		
139		Leap_second	うるう秒	H5T_STD_I8LE	2				Data_description	Leap second time (TAI-UTC)	H5T_C_S1		
									Unit	sec	H5T_C_S1		
									Insert_leap_time	20170101, 00000000	H5T_C_S1		
140		Scan_start_time_TAI	走査開始時刻 (TAI)	H5T_IEEE_F64LE	3	6816			Data_description	Scan start time (TAI)	H5T_C_S1		
									Dim0	Left, Nadir, Right	H5T_C_S1		
									Dim1	lines	H5T_C_S1		
									Epoch_time	19930101 00:00:00	H5T_C_S1		
									Error_value	0	H5T_IEEE_F64LE		
									Unit	sec	H5T_C_S1		

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
141		Latitude_VN01	格子点緯度 (VN01)	H5T_IEEE_F32LE	3	683	151		Data_description	Latitude grid points of VN01(No elevation correction)	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	Line grids	H5T_C_S1	
									Dim2	Pixel grids	H5T_C_S1	
									Minimum_valid_value	-90	H5T_IEEE_F32LE	
									Maximum_valid_value	90	H5T_IEEE_F32LE	
									Error_value	-999.99	H5T_IEEE_F32LE	
									Data_interval_pixel	10	H5T_STD_I32LE	
									Data_interval_line	10	H5T_STD_I32LE	
									Unit	degree	H5T_C_S1	
									142		Latitude_VN02	
Dim0	Left, Nadir, Right	H5T_C_S1										
Dim1	Line grids	H5T_C_S1										
Dim2	Pixel grids	H5T_C_S1										
Minimum_valid_value	-90	H5T_IEEE_F32LE										
Maximum_valid_value	90	H5T_IEEE_F32LE										
Error_value	-999.99	H5T_IEEE_F32LE										
Data_interval_pixel	10	H5T_STD_I32LE										
Data_interval_line	10	H5T_STD_I32LE										
Unit	degree	H5T_C_S1										
143		Latitude_VN03	格子点緯度 (VN03)	H5T_IEEE_F32LE	3	683	151					Data_description
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	Line grids	H5T_C_S1	
									Dim2	Pixel grids	H5T_C_S1	
									Minimum_valid_value	-90	H5T_IEEE_F32LE	
									Maximum_valid_value	90	H5T_IEEE_F32LE	
									Error_value	-999.99	H5T_IEEE_F32LE	
									Data_interval_pixel	10	H5T_STD_I32LE	
									Data_interval_line	10	H5T_STD_I32LE	
									Unit	degree	H5T_C_S1	
									144		Latitude_VN04	格子点緯度 (VN04)
Dim0	Left, Nadir, Right	H5T_C_S1										
Dim1	Line grids	H5T_C_S1										
Dim2	Pixel grids	H5T_C_S1										
Minimum_valid_value	-90	H5T_IEEE_F32LE										
Maximum_valid_value	90	H5T_IEEE_F32LE										
Error_value	-999.99	H5T_IEEE_F32LE										
Data_interval_pixel	10	H5T_STD_I32LE										
Data_interval_line	10	H5T_STD_I32LE										
Unit	degree	H5T_C_S1										
145		Latitude_VN05	格子点緯度 (VN05)	H5T_IEEE_F32LE	3	683	151					
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	Line grids	H5T_C_S1	
									Dim2	Pixel grids	H5T_C_S1	
									Minimum_valid_value	-90	H5T_IEEE_F32LE	
									Maximum_valid_value	90	H5T_IEEE_F32LE	
									Error_value	-999.99	H5T_IEEE_F32LE	
									Data_interval_pixel	10	H5T_STD_I32LE	
									Data_interval_line	10	H5T_STD_I32LE	
									Unit	degree	H5T_C_S1	
									146		Latitude_VN06	格子点緯度 (VN06)
Dim0	Left, Nadir, Right	H5T_C_S1										
Dim1	Line grids	H5T_C_S1										
Dim2	Pixel grids	H5T_C_S1										
Minimum_valid_value	-90	H5T_IEEE_F32LE										
Maximum_valid_value	90	H5T_IEEE_F32LE										
Error_value	-999.99	H5T_IEEE_F32LE										
Data_interval_pixel	10	H5T_STD_I32LE										
Data_interval_line	10	H5T_STD_I32LE										
Unit	degree	H5T_C_S1										
147		Latitude_VN07	格子点緯度 (VN07)	H5T_IEEE_F32LE	3	683	151					
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	Line grids	H5T_C_S1	
									Dim2	Pixel grids	H5T_C_S1	
									Minimum_valid_value	-90	H5T_IEEE_F32LE	
									Maximum_valid_value	90	H5T_IEEE_F32LE	
									Error_value	-999.99	H5T_IEEE_F32LE	
									Data_interval_pixel	10	H5T_STD_I32LE	
									Data_interval_line	10	H5T_STD_I32LE	
									Unit	degree	H5T_C_S1	
									148		Latitude_VN08	格子点緯度 (VN08)
Dim0	Left, Nadir, Right	H5T_C_S1										
Dim1	Line grids	H5T_C_S1										
Dim2	Pixel grids	H5T_C_S1										
Minimum_valid_value	-90	H5T_IEEE_F32LE										
Maximum_valid_value	90	H5T_IEEE_F32LE										
Error_value	-999.99	H5T_IEEE_F32LE										
Data_interval_pixel	10	H5T_STD_I32LE										
Data_interval_line	10	H5T_STD_I32LE										
Unit	degree	H5T_C_S1										

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
149		Latitude_VN09	格子点緯度 (VN09)	H5T_IEEE_F32LE	3	683	151		Data_description	Latitude grid points of VN09(No elevation correction)	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	Line grids	H5T_C_S1	
									Dim2	Pixel grids	H5T_C_S1	
									Minimum_valid_value	-90	H5T_IEEE_F32LE	
									Maximum_valid_value	90	H5T_IEEE_F32LE	
									Error_value	-999.99	H5T_IEEE_F32LE	
									Data_interval_pixel	10	H5T_STD_I32LE	
									Data_interval_line	10	H5T_STD_I32LE	
									Unit	degree	H5T_C_S1	
									150		Latitude_VN10	
Dim0	Left, Nadir, Right	H5T_C_S1										
Dim1	Line grids	H5T_C_S1										
Dim2	Pixel grids	H5T_C_S1										
Minimum_valid_value	-90	H5T_IEEE_F32LE										
Maximum_valid_value	90	H5T_IEEE_F32LE										
Error_value	-999.99	H5T_IEEE_F32LE										
Data_interval_pixel	10	H5T_STD_I32LE										
Data_interval_line	10	H5T_STD_I32LE										
Unit	degree	H5T_C_S1										
151		Latitude_VN11	格子点緯度 (VN11)	H5T_IEEE_F32LE	3	683	151					Data_description
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	Line grids	H5T_C_S1	
									Dim2	Pixel grids	H5T_C_S1	
									Minimum_valid_value	-90	H5T_IEEE_F32LE	
									Maximum_valid_value	90	H5T_IEEE_F32LE	
									Error_value	-999.99	H5T_IEEE_F32LE	
									Data_interval_pixel	10	H5T_STD_I32LE	
									Data_interval_line	10	H5T_STD_I32LE	
									Unit	degree	H5T_C_S1	
									152		Longitude_VN01	格子点経度 (VN01)
Dim0	Left, Nadir, Right	H5T_C_S1										
Dim1	Line grids	H5T_C_S1										
Dim2	Pixel grids	H5T_C_S1										
Minimum_valid_value	-180	H5T_IEEE_F32LE										
Maximum_valid_value	180	H5T_IEEE_F32LE										
Error_value	-999.99	H5T_IEEE_F32LE										
Data_interval_pixel	10	H5T_STD_I32LE										
Data_interval_line	10	H5T_STD_I32LE										
Unit	degree	H5T_C_S1										
153		Longitude_VN02	格子点経度 (VN02)	H5T_IEEE_F32LE	3	683	151					
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	Line grids	H5T_C_S1	
									Dim2	Pixel grids	H5T_C_S1	
									Minimum_valid_value	-180	H5T_IEEE_F32LE	
									Maximum_valid_value	180	H5T_IEEE_F32LE	
									Error_value	-999.99	H5T_IEEE_F32LE	
									Data_interval_pixel	10	H5T_STD_I32LE	
									Data_interval_line	10	H5T_STD_I32LE	
									Unit	degree	H5T_C_S1	
									154		Longitude_VN03	格子点経度 (VN03)
Dim0	Left, Nadir, Right	H5T_C_S1										
Dim1	Line grids	H5T_C_S1										
Dim2	Pixel grids	H5T_C_S1										
Minimum_valid_value	-180	H5T_IEEE_F32LE										
Maximum_valid_value	180	H5T_IEEE_F32LE										
Error_value	-999.99	H5T_IEEE_F32LE										
Data_interval_pixel	10	H5T_STD_I32LE										
Data_interval_line	10	H5T_STD_I32LE										
Unit	degree	H5T_C_S1										
155		Longitude_VN04	格子点経度 (VN04)	H5T_IEEE_F32LE	3	683	151					
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	Line grids	H5T_C_S1	
									Dim2	Pixel grids	H5T_C_S1	
									Minimum_valid_value	-180	H5T_IEEE_F32LE	
									Maximum_valid_value	180	H5T_IEEE_F32LE	
									Error_value	-999.99	H5T_IEEE_F32LE	
									Data_interval_pixel	10	H5T_STD_I32LE	
									Data_interval_line	10	H5T_STD_I32LE	
									Unit	degree	H5T_C_S1	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
156		Longitude_VN05	格子点経度 (VN05)	H5T_IEEE_F32LE	3	683	151		Data_description	Longitude grid points of VN05(No elevation correction) Minimum_valid_value < value <= Maximum_valid_value	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	Line grids	H5T_C_S1	
									Dim2	Pixel grids	H5T_C_S1	
									Minimum_valid_value	-180	H5T_IEEE_F32LE	
									Maximum_valid_value	180	H5T_IEEE_F32LE	
									Error_value	-999.99	H5T_IEEE_F32LE	
									Data_interval_pixel	10	H5T_STD_I32LE	
									Data_interval_line	10	H5T_STD_I32LE	
									Unit	degree	H5T_C_S1	
									157		Longitude_VN06	
Dim0	Left, Nadir, Right	H5T_C_S1										
Dim1	Line grids	H5T_C_S1										
Dim2	Pixel grids	H5T_C_S1										
Minimum_valid_value	-180	H5T_IEEE_F32LE										
Maximum_valid_value	180	H5T_IEEE_F32LE										
Error_value	-999.99	H5T_IEEE_F32LE										
Data_interval_pixel	10	H5T_STD_I32LE										
Data_interval_line	10	H5T_STD_I32LE										
Unit	degree	H5T_C_S1										
158		Longitude_VN07	格子点経度 (VN07)	H5T_IEEE_F32LE	3	683	151					Data_description
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	Line grids	H5T_C_S1	
									Dim2	Pixel grids	H5T_C_S1	
									Minimum_valid_value	-180	H5T_IEEE_F32LE	
									Maximum_valid_value	180	H5T_IEEE_F32LE	
									Error_value	-999.99	H5T_IEEE_F32LE	
									Data_interval_pixel	10	H5T_STD_I32LE	
									Data_interval_line	10	H5T_STD_I32LE	
									Unit	degree	H5T_C_S1	
									159		Longitude_VN08	格子点経度 (VN08)
Dim0	Left, Nadir, Right	H5T_C_S1										
Dim1	Line grids	H5T_C_S1										
Dim2	Pixel grids	H5T_C_S1										
Minimum_valid_value	-180	H5T_IEEE_F32LE										
Maximum_valid_value	180	H5T_IEEE_F32LE										
Error_value	-999.99	H5T_IEEE_F32LE										
Data_interval_pixel	10	H5T_STD_I32LE										
Data_interval_line	10	H5T_STD_I32LE										
Unit	degree	H5T_C_S1										
160		Longitude_VN09	格子点経度 (VN09)	H5T_IEEE_F32LE	3	683	151					
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	Line grids	H5T_C_S1	
									Dim2	Pixel grids	H5T_C_S1	
									Minimum_valid_value	-180	H5T_IEEE_F32LE	
									Maximum_valid_value	180	H5T_IEEE_F32LE	
									Error_value	-999.99	H5T_IEEE_F32LE	
									Data_interval_pixel	10	H5T_STD_I32LE	
									Data_interval_line	10	H5T_STD_I32LE	
									Unit	degree	H5T_C_S1	
									161		Longitude_VN10	格子点経度 (VN10)
Dim0	Left, Nadir, Right	H5T_C_S1										
Dim1	Line grids	H5T_C_S1										
Dim2	Pixel grids	H5T_C_S1										
Minimum_valid_value	-180	H5T_IEEE_F32LE										
Maximum_valid_value	180	H5T_IEEE_F32LE										
Error_value	-999.99	H5T_IEEE_F32LE										
Data_interval_pixel	10	H5T_STD_I32LE										
Data_interval_line	10	H5T_STD_I32LE										
Unit	degree	H5T_C_S1										
162		Longitude_VN11	格子点経度 (VN11)	H5T_IEEE_F32LE	3	683	151					
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	Line grids	H5T_C_S1	
									Dim2	Pixel grids	H5T_C_S1	
									Minimum_valid_value	-180	H5T_IEEE_F32LE	
									Maximum_valid_value	180	H5T_IEEE_F32LE	
									Error_value	-999.99	H5T_IEEE_F32LE	
									Data_interval_pixel	10	H5T_STD_I32LE	
									Data_interval_line	10	H5T_STD_I32LE	
									Unit	degree	H5T_C_S1	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考										
163		Modified_julian_date	修正ユリウス日	H5T_IEEE_F64LE	3	6816			Data_description	Modified julian date	H5T_C_S1											
									Dim0	Left, Nadir, Right	H5T_C_S1											
									Dim1	lines	H5T_C_S1											
									Unit	day	H5T_C_S1											
164		Sun_vector_ECI	太陽位置ベクトル(J2000)	H5T_IEEE_F64LE	6816	3			Data_description	Sun position vector (J2000)	H5T_C_S1											
									Coordinate_system	J2000	H5T_C_S1											
									Dim0	lines	H5T_C_S1											
									Dim1	x, y, z	H5T_C_S1											
									Data_interval_line	1	H5T_STD_I32LE											
									Unit	km	H5T_C_S1											
165		Moon_vector_ECI	月位置ベクトル(J2000)	H5T_IEEE_F64LE	6816	3			Data_description	Moon position vector (J2000)	H5T_C_S1											
									Coordinate_system	J2000	H5T_C_S1											
									Dim0	lines	H5T_C_S1											
									Dim1	x, y, z	H5T_C_S1											
									Data_interval_line	1	H5T_STD_I32LE											
									Unit	km	H5T_C_S1											
166		Solar_azimuth	衛星座標系における太陽の方位角	H5T_IEEE_F32LE	6816				Data_description	Solar azimuth angle	H5T_C_S1											
									Coordinate_system	Satellite coordinate system	H5T_C_S1											
									Dim0	lines	H5T_C_S1											
									Error_value	-999.99	H5T_IEEE_F32LE											
									Unit	degree	H5T_C_S1											
167		Solar_zenith	衛星座標系における太陽の天頂角	H5T_IEEE_F32LE	6816				Data_description	Solar zenith angle	H5T_C_S1											
									Coordinate_system	Satellite coordinate system	H5T_C_S1											
									Dim0	lines	H5T_C_S1											
									Error_value	-999.99	H5T_IEEE_F32LE											
									Unit	degree	H5T_C_S1											
168		Moon_azimuth	衛星座標系における月の方位角	H5T_IEEE_F32LE	6816				Data_description	Moon azimuth angle	H5T_C_S1											
									Coordinate_system	Satellite coordinate system	H5T_C_S1											
									Dim0	lines	H5T_C_S1											
									Error_value	-999.99	H5T_IEEE_F32LE											
									Unit	degree	H5T_C_S1											
169		Moon_zenith	衛星座標系における月の天頂角	H5T_IEEE_F32LE	6816				Data_description	Moon zenith angle	H5T_C_S1											
									Coordinate_system	Satellite coordinate system	H5T_C_S1											
									Dim0	lines	H5T_C_S1											
									Error_value	-999.99	H5T_IEEE_F32LE											
									Unit	degree	H5T_C_S1											
170	Earth_rotation_parameter	Polar_motion	極運動パラメータ	H5T_IEEE_F64LE	2				Data_description	Polar motion parameter	H5T_C_S1											
									Dim0	dx, dy	H5T_C_S1											
									Unit	sec of arc	H5T_C_S1											
171		UT1-UTC	UT1-UTCの差	H5T_IEEE_F32LE	1				Data_description	UT1-UTC	H5T_C_S1											
									Unit	sec	H5T_C_S1											
172		Precession_nutation	歳差/章動パラメータ	H5T_IEEE_F64LE	2				Data_description	Precession and nutation parameter	H5T_C_S1											
									Dim0	dpsi, deps	H5T_C_S1											
									Unit	msec of arc	H5T_C_S1											
173	Extended_area/250m	Overlap_pre_VN01	ブリアオーバーラップ* 観測デジタルカウント値(VN01)	H5T_STD_U16LE	3	248	1500		Data_description	Observed digital count of VN01(Pre Overlap) only different from main data resolution Band_weighted_TOA_solar_irradiance, F0/D^2; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1											
									Band_width	10.0	H5T_IEEE_F32LE											
									Band_width_unit	nm	H5T_C_S1											
									Center_wavelength	380.0	H5T_IEEE_F32LE											
									Center_wavelength_unit	nm	H5T_C_S1											
									Band_weighted_TOA_solar_irradiance	1092.1436	H5T_IEEE_F32LE											
									Band_weighted_TOA_solar_irradiance_unit	W/m^2/um	H5T_C_S1											
									Error_value	65535	H5T_STD_U16LE											
									Maximum_valid_value	65534	H5T_STD_U16LE											
									Minimum_valid_value	0	H5T_STD_U16LE											
									Saturation_radiance	264.0	H5T_IEEE_F32LE											
									Saturation_radiance_unit	W/m^2/um/sr	H5T_C_S1											
									Spatial_resolution	250.0	H5T_IEEE_F32LE											
									Spatial_resolution_unit	meter	H5T_C_S1											
									Dim0	Left, Nadir, Right	H5T_C_S1											
									Dim1	lines	H5T_C_S1											
									Dim2	pixels	H5T_C_S1											
									Unit	Count	H5T_C_S1											
									174		Overlap_pre_VN02		ブリアオーバーラップ* 観測デジタルカウント値(VN02)	H5T_STD_U16LE	3	248	1500		Data_description	Observed digital count of VN02(Pre Overlap) only different from main data resolution Band_weighted_TOA_solar_irradiance, F0/D^2; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
																			Band_width	10.0	H5T_IEEE_F32LE	
Band_width_unit	nm	H5T_C_S1																				
Center_wavelength	412.0	H5T_IEEE_F32LE																				
Center_wavelength_unit	nm	H5T_C_S1																				
Band_weighted_TOA_solar_irradiance	1712.1531	H5T_IEEE_F32LE																				
Band_weighted_TOA_solar_irradiance_unit	W/m^2/um	H5T_C_S1																				
Error_value	65535	H5T_STD_U16LE																				
Maximum_valid_value	65534	H5T_STD_U16LE																				
Minimum_valid_value	0	H5T_STD_U16LE																				
Saturation_radiance	335.5	H5T_IEEE_F32LE																				
Saturation_radiance_unit	W/m^2/um/sr	H5T_C_S1																				
Spatial_resolution	250.0	H5T_IEEE_F32LE																				
Spatial_resolution_unit	meter	H5T_C_S1																				
Dim0	Left, Nadir, Right	H5T_C_S1																				
Dim1	lines	H5T_C_S1																				
Dim2	pixels	H5T_C_S1																				
Unit	Count	H5T_C_S1																				

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
175		Overlap_pre_VN03	プリオーバーラップ* 観測デジタルカウント値 (VN03)	H5T_STD_U16LE	3	248	1500		Data_description	Observed digital count of VN03 (Pre Overlap) only different from main data resolution Band_weighted_TOA_solar_irradiance, F0/D ² ; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Band_width	10.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	443.0	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	1898.3185	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m ² /um	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Maximum_valid_value	65534	H5T_STD_U16LE	
									Minimum_valid_value	0	H5T_STD_U16LE	
									Saturation_radiance	502.7	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1	
									Spatial_resolution	250.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	pixels	H5T_C_S1	
Unit	Count	H5T_C_S1										
176		Overlap_pre_VN04	プリオーバーラップ* 観測デジタルカウント値 (VN04)	H5T_STD_U16LE	3	248	1500		Data_description	Observed digital count of VN04 (Pre Overlap) only different from main data resolution Band_weighted_TOA_solar_irradiance, F0/D ² ; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Band_width	10.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	490.0	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	1938.4602	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m ² /um	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Maximum_valid_value	65534	H5T_STD_U16LE	
									Minimum_valid_value	0	H5T_STD_U16LE	
									Saturation_radiance	161.7	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1	
									Spatial_resolution	250.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	pixels	H5T_C_S1	
Unit	Count	H5T_C_S1										
177		Overlap_pre_VN05	プリオーバーラップ* 観測デジタルカウント値 (VN05)	H5T_STD_U16LE	3	248	1500		Data_description	Observed digital count of VN05 (Pre Overlap) only different from main data resolution Band_weighted_TOA_solar_irradiance, F0/D ² ; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Band_width	10.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	530.0	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	1850.9604	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m ² /um	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Maximum_valid_value	65534	H5T_STD_U16LE	
									Minimum_valid_value	0	H5T_STD_U16LE	
									Saturation_radiance	394.9	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1	
									Spatial_resolution	250.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	pixels	H5T_C_S1	
Unit	Count	H5T_C_S1										
178		Overlap_pre_VN06	プリオーバーラップ* 観測デジタルカウント値 (VN06)	H5T_STD_U16LE	3	248	1500		Data_description	Observed digital count of VN06 (Pre Overlap) only different from main data resolution Band_weighted_TOA_solar_irradiance, F0/D ² ; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Band_width	10.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	565.0	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	1797.1344	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m ² /um	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Maximum_valid_value	65534	H5T_STD_U16LE	
									Minimum_valid_value	0	H5T_STD_U16LE	
									Saturation_radiance	104.5	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1	
									Spatial_resolution	250.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	pixels	H5T_C_S1	
Unit	Count	H5T_C_S1										

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
179		Overlap_pre_VN07	ブリアオーバーラップ* 観測デジタルカウント値 (VN07)	H5T_STD_U16LE	3	248	1500		Data_description	Observed digital count of VN07 (Pre Overlap) only different from main data resolution Band_weighted_TOA_solar_irradiance, F0/D ² ; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Band_width	10.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	673.5	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	1502.5667	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m ² /um	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Maximum_valid_value	65534	H5T_STD_U16LE	
									Minimum_valid_value	0	H5T_STD_U16LE	
									Saturation_radiance	75.9	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1	
									Spatial_resolution	250.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	pixels	H5T_C_S1	
Unit	Count	H5T_C_S1										
180		Overlap_pre_VN08	ブリアオーバーラップ* 観測デジタルカウント値 (VN08)	H5T_STD_U16LE	3	248	1500		Data_description	Observed digital count of VN08 (Pre Overlap) only different from main data resolution Band_weighted_TOA_solar_irradiance, F0/D ² ; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Band_width	10.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	673.5	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	1502.3177	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m ² /um	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Maximum_valid_value	65534	H5T_STD_U16LE	
									Minimum_valid_value	0	H5T_STD_U16LE	
									Saturation_radiance	234.3	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1	
									Spatial_resolution	250.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	pixels	H5T_C_S1	
Unit	Count	H5T_C_S1										
181		Overlap_pre_VN09	ブリアオーバーラップ* 観測デジタルカウント値 (VN09)	H5T_STD_U16LE	3	248	1500		Data_description	Observed digital count of VN09 (Pre Overlap) only different from main data resolution Band_weighted_TOA_solar_irradiance, F0/D ² ; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Band_width	10.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	763.0	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	1245.3663	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m ² /um	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Maximum_valid_value	65534	H5T_STD_U16LE	
									Minimum_valid_value	0	H5T_STD_U16LE	
									Saturation_radiance	386.1	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1	
									Spatial_resolution	250.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	pixels	H5T_C_S1	
Unit	Count	H5T_C_S1										
182		Overlap_pre_VN10	ブリアオーバーラップ* 観測デジタルカウント値 (VN10)	H5T_STD_U16LE	3	248	1500		Data_description	Observed digital count of VN10 (Pre Overlap) only different from main data resolution Band_weighted_TOA_solar_irradiance, F0/D ² ; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Band_width	10.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	868.5	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	956.2323	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m ² /um	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Maximum_valid_value	65534	H5T_STD_U16LE	
									Minimum_valid_value	0	H5T_STD_U16LE	
									Saturation_radiance	40.7	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1	
									Spatial_resolution	250.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	pixels	H5T_C_S1	
Unit	Count	H5T_C_S1										

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
183		Overlap_pre_VN11	ブリアオーバーラップ* 観測デジタルカウント値 (VN11)	H5T_STD_U16LE	3	248	1500		Data_description	Observed digital count of VN11(Pre Overlap) only different from main data resolution Band_weighted_TOA_solar_irradiance, F0/D ² ; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Band_width	10.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	868.5	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	956.5352	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m ² /um	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Maximum_valid_value	65534	H5T_STD_U16LE	
									Minimum_valid_value	0	H5T_STD_U16LE	
									Saturation_radiance	335.5	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1	
									Spatial_resolution	250.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	pixels	H5T_C_S1	
Unit	Count	H5T_C_S1										
184		Overlap_post_VN01	ポストオーバーラップ* 観測デジタルカウント値 (VN01)	H5T_STD_U16LE	3	248	1500		Data_description	Observed digital count of VN01(Post Overlap) only different from main data resolution Band_weighted_TOA_solar_irradiance, F0/D ² ; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Band_width	10.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	380	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	1092.1436	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m ² /um	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Maximum_valid_value	65534	H5T_STD_U16LE	
									Minimum_valid_value	0	H5T_STD_U16LE	
									Saturation_radiance	264.0	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1	
									Spatial_resolution	250.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	pixels	H5T_C_S1	
Unit	Count	H5T_C_S1										
185		Overlap_post_VN02	ポストオーバーラップ* 観測デジタルカウント値 (VN02)	H5T_STD_U16LE	3	248	1500		Data_description	Observed digital count of VN02(Post Overlap) only different from main data resolution Band_weighted_TOA_solar_irradiance, F0/D ² ; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Band_width	10.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	412	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	1712.1531	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m ² /um	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Maximum_valid_value	65534	H5T_STD_U16LE	
									Minimum_valid_value	0	H5T_STD_U16LE	
									Saturation_radiance	335.5	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1	
									Spatial_resolution	250.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	pixels	H5T_C_S1	
Unit	Count	H5T_C_S1										
186		Overlap_post_VN03	ポストオーバーラップ* 観測デジタルカウント値 (VN03)	H5T_STD_U16LE	3	248	1500		Data_description	Observed digital count of VN03(Post Overlap) only different from main data resolution Band_weighted_TOA_solar_irradiance, F0/D ² ; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Band_width	10.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	443.0	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	1898.3185	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m ² /um	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Maximum_valid_value	65534	H5T_STD_U16LE	
									Minimum_valid_value	0	H5T_STD_U16LE	
									Saturation_radiance	502.7	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1	
									Spatial_resolution	250.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	pixels	H5T_C_S1	
Unit	Count	H5T_C_S1										

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
187		Overlap_post_VN04	ポストオーバーラップ* 観測デジタルカウント値 (VN04)	H5T_STD_U16LE	3	248	1500		Data_description	Observed digital count of VN04(Post Overlap) only different from main data resolution Band_weighted_TOA_solar_irradiance, F0/D ² ; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Band_width	10.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	490.0	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	1938.4602	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m ² /um	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Maximum_valid_value	65534	H5T_STD_U16LE	
									Minimum_valid_value	0	H5T_STD_U16LE	
									Saturation_radiance	161.7	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1	
									Spatial_resolution	250.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	pixels	H5T_C_S1	
Unit	Count	H5T_C_S1										
188		Overlap_post_VN05	ポストオーバーラップ* 観測デジタルカウント値 (VN05)	H5T_STD_U16LE	3	248	1500		Data_description	Observed digital count of VN05(Post Overlap) only different from main data resolution Band_weighted_TOA_solar_irradiance, F0/D ² ; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Band_width	10.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	530.0	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	1850.9604	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m ² /um	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Maximum_valid_value	65534	H5T_STD_U16LE	
									Minimum_valid_value	0	H5T_STD_U16LE	
									Saturation_radiance	394.9	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1	
									Spatial_resolution	250.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	pixels	H5T_C_S1	
Unit	Count	H5T_C_S1										
189		Overlap_post_VN06	ポストオーバーラップ* 観測デジタルカウント値 (VN06)	H5T_STD_U16LE	3	248	1500		Data_description	Observed digital count of VN06(Post Overlap) only different from main data resolution Band_weighted_TOA_solar_irradiance, F0/D ² ; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Band_width	10.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	565.0	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	1797.1344	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m ² /um	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Maximum_valid_value	65534	H5T_STD_U16LE	
									Minimum_valid_value	0	H5T_STD_U16LE	
									Saturation_radiance	104.5	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1	
									Spatial_resolution	250.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	pixels	H5T_C_S1	
Unit	Count	H5T_C_S1										
190		Overlap_post_VN07	ポストオーバーラップ* 観測デジタルカウント値 (VN07)	H5T_STD_U16LE	3	248	1500		Data_description	Observed digital count of VN07(Post Overlap) only different from main data resolution Band_weighted_TOA_solar_irradiance, F0/D ² ; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Band_width	10.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	673.5	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	1502.5667	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m ² /um	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Maximum_valid_value	65534	H5T_STD_U16LE	
									Minimum_valid_value	0	H5T_STD_U16LE	
									Saturation_radiance	75.9	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1	
									Spatial_resolution	250.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	pixels	H5T_C_S1	
Unit	Count	H5T_C_S1										

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
191		Overlap_post_VN08	ポストオーバーラップ* 観測デジタルカウント値 (VN08)	H5T_STD_U16LE	3	248	1500		Data_description	Observed digital count of VN08(Post Overlap) only different from main data resolution Band_weighted_TOA_solar_irradiance, F0/D ² ; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Band_width	10.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	673.5	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	1502.3177	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m ² /um	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Maximum_valid_value	65534	H5T_STD_U16LE	
									Minimum_valid_value	0	H5T_STD_U16LE	
									Saturation_radiance	234.3	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1	
									Spatial_resolution	250.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	pixels	H5T_C_S1	
Unit	Count	H5T_C_S1										
192		Overlap_post_VN09	ポストオーバーラップ* 観測デジタルカウント値 (VN09)	H5T_STD_U16LE	3	248	1500		Data_description	Observed digital count of VN09(Post Overlap) only different from main data resolution Band_weighted_TOA_solar_irradiance, F0/D ² ; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Band_width	10.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	763.0	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	1245.3663	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m ² /um	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Maximum_valid_value	65534	H5T_STD_U16LE	
									Minimum_valid_value	0	H5T_STD_U16LE	
									Saturation_radiance	386.1	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1	
									Spatial_resolution	250.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	pixels	H5T_C_S1	
Unit	Count	H5T_C_S1										
193		Overlap_post_VN10	ポストオーバーラップ* 観測デジタルカウント値 (VN10)	H5T_STD_U16LE	3	248	1500		Data_description	Observed digital count of VN10(Post Overlap) only different from main data resolution Band_weighted_TOA_solar_irradiance, F0/D ² ; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Band_width	10.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	868.5	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	956.2323	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m ² /um	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Maximum_valid_value	65534	H5T_STD_U16LE	
									Minimum_valid_value	0	H5T_STD_U16LE	
									Saturation_radiance	40.7	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1	
									Spatial_resolution	250.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	pixels	H5T_C_S1	
Unit	Count	H5T_C_S1										
194		Overlap_post_VN11	ポストオーバーラップ 観測デジタルカウント値 (VN11)	H5T_STD_U16LE	3	248	1500		Data_description	Observed digital count of VN11(Post Overlap) only different from main data resolution Band_weighted_TOA_solar_irradiance, F0/D ² ; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Band_width	10.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	868.5	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	956.5352	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m ² /um	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Maximum_valid_value	65534	H5T_STD_U16LE	
									Minimum_valid_value	0	H5T_STD_U16LE	
									Saturation_radiance	335.5	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1	
									Spatial_resolution	250.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	pixels	H5T_C_S1	
Unit	Count	H5T_C_S1										

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
195		Overlap_pre_Pre_post_scan_VN01	ブリアオーバーラップ* 観測補助画像データ (VN01)	H5T_STD_U16LE	3	248	92		Data_description	AUX raw image data of VN01 (blank, pre scan, pre OPB scan, pre dummy scan, post dummy scan, post OPB scan, post scan, blank)	H5T_C_S1	
									CCD_line_number	S06 (VN01)	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	00-19 : blank 20-36 : pre scan 37-44 : pre OPB scan 45 : pre dummy scan 46 : post dummy scan 47-54 : post OPB scan 55-71 : post scan 72-91 : blank	H5T_C_S1	
196		Overlap_pre_Pre_post_scan_VN02	ブリアオーバーラップ* 観測補助画像データ (VN02)	H5T_STD_U16LE	3	248	92		Data_description	AUX raw image data of VN02 (blank, pre scan, pre OPB scan, pre dummy scan, post dummy scan, post OPB scan, post scan, blank)	H5T_C_S1	
									CCD_line_number	S05 (VN02)	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	00-19 : blank 20-36 : pre scan 37-44 : pre OPB scan 45 : pre dummy scan 46 : post dummy scan 47-54 : post OPB scan 55-71 : post scan 72-91 : blank	H5T_C_S1	
197		Overlap_pre_Pre_post_scan_VN03	ブリアオーバーラップ* 観測補助画像データ (VN03)	H5T_STD_U16LE	3	248	92		Data_description	AUX raw image data of VN03 (blank, pre scan, pre OPB scan, pre dummy scan, post dummy scan, post OPB scan, post scan, blank)	H5T_C_S1	
									CCD_line_number	S07 (VN03)	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	00-19 : blank 20-36 : pre scan 37-44 : pre OPB scan 45 : pre dummy scan 46 : post dummy scan 47-54 : post OPB scan 55-71 : post scan 72-91 : blank	H5T_C_S1	
198		Overlap_pre_Pre_post_scan_VN04	ブリアオーバーラップ* 観測補助画像データ (VN04)	H5T_STD_U16LE	3	248	92		Data_description	AUX raw image data of VN04 (blank, pre scan, pre OPB scan, pre dummy scan, post dummy scan, post OPB scan, post scan, blank)	H5T_C_S1	
									CCD_line_number	S04 (VN04)	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	00-19 : blank 20-36 : pre scan 37-44 : pre OPB scan 45 : pre dummy scan 46 : post dummy scan 47-54 : post OPB scan 55-71 : post scan 72-91 : blank	H5T_C_S1	
199		Overlap_pre_Pre_post_scan_VN05	ブリアオーバーラップ* 観測補助画像データ (VN05)	H5T_STD_U16LE	3	248	92		Data_description	AUX raw image data of VN05 (blank, pre scan, pre OPB scan, pre dummy scan, post dummy scan, post OPB scan, post scan, blank)	H5T_C_S1	
									CCD_line_number	S08 (VN05)	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	00-19 : blank 20-36 : pre scan 37-44 : pre OPB scan 45 : pre dummy scan 46 : post dummy scan 47-54 : post OPB scan 55-71 : post scan 72-91 : blank	H5T_C_S1	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
200		Overlap_pre_Pre_post_scan_VN06	ブリアオーバーラップ* 観測補助画像データ (VN06)	H5T_STD_U16LE	3	248	92		Data_description	AUX raw image data of VN06 (blank, pre scan, pre OPB scan, pre dummy scan, post dummy scan, post OPB scan, post scan, blank)	H5T_C_S1	
									CCD_line_number	S03 (VN06)	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	00-19 : blank 20-36 : pre scan 37-44 : pre OPB scan 45 : pre dummy scan 46 : post dummy scan 47-54 : post OPB scan 55-71 : post scan 72-91 : blank	H5T_C_S1	
201		Overlap_pre_Pre_post_scan_VN07	ブリアオーバーラップ* 観測補助画像データ (VN07)	H5T_STD_U16LE	3	248	92		Data_description	AUX raw image data of VN07 (blank, pre scan, pre OPB scan, pre dummy scan, post dummy scan, post OPB scan, post scan, blank)	H5T_C_S1	
									CCD_line_number	S02 (VN07)	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	00-19 : blank 20-36 : pre scan 37-44 : pre OPB scan 45 : pre dummy scan 46 : post dummy scan 47-54 : post OPB scan 55-71 : post scan 72-91 : blank	H5T_C_S1	
202		Overlap_pre_Pre_post_scan_VN08	ブリアオーバーラップ* 観測補助画像データ (VN08)	H5T_STD_U16LE	3	248	92		Data_description	AUX raw image data of VN08 (blank, pre scan, pre OPB scan, pre dummy scan, post dummy scan, post OPB scan, post scan, blank)	H5T_C_S1	
									CCD_line_number	S09 (VN08)	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	00-19 : blank 20-36 : pre scan 37-44 : pre OPB scan 45 : pre dummy scan 46 : post dummy scan 47-54 : post OPB scan 55-71 : post scan 72-91 : blank	H5T_C_S1	
203		Overlap_pre_Pre_post_scan_VN09	ブリアオーバーラップ* 観測補助画像データ (VN09)	H5T_STD_U16LE	3	248	92		Data_description	AUX raw image data of VN09 (blank, pre scan, pre OPB scan, pre dummy scan, post dummy scan, post OPB scan, post scan, blank)	H5T_C_S1	
									CCD_line_number	S11 (VN09)	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	00-19 : blank 20-36 : pre scan 37-44 : pre OPB scan 45 : pre dummy scan 46 : post dummy scan 47-54 : post OPB scan 55-71 : post scan 72-91 : blank	H5T_C_S1	
204		Overlap_pre_Pre_post_scan_VN10	ブリアオーバーラップ* 観測補助画像データ (VN10)	H5T_STD_U16LE	3	248	92		Data_description	AUX raw image data of VN10 (blank, pre scan, pre OPB scan, pre dummy scan, post dummy scan, post OPB scan, post scan, blank)	H5T_C_S1	
									CCD_line_number	S01 (VN10)	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	00-19 : blank 20-36 : pre scan 37-44 : pre OPB scan 45 : pre dummy scan 46 : post dummy scan 47-54 : post OPB scan 55-71 : post scan 72-91 : blank	H5T_C_S1	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
205		Overlap_pre_Pre_post_scan_VN11	プリアオーバーラップ* 観測補助画像データ (VN11)	H5T_STD_U16LE	3	248	92		Data_description	AUX raw image data of VN11 (blank, pre scan, pre OPB scan, pre dummy scan, post dummy scan, post OPB scan, post scan, blank)	H5T_C_S1	
									CCD_line_number	S10 (VN11)	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	00-19 : blank 20-36 : pre scan 37-44 : pre OPB scan 45 : pre dummy scan 46 : post dummy scan 47-54 : post OPB scan 55-71 : post scan 72-91 : blank	H5T_C_S1	
206		Overlap_post_Pre_post_scan_VN01	ポストオーバーラップ* 観測補助画像データ (VN01)	H5T_STD_U16LE	3	248	92		Data_description	AUX raw image data of VN01 (blank, pre scan, pre OPB scan, pre dummy scan, post dummy scan, post OPB scan, post scan, blank)	H5T_C_S1	
									CCD_line_number	S06 (VN01)	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	00-19 : blank 20-36 : pre scan 37-44 : pre OPB scan 45 : pre dummy scan 46 : post dummy scan 47-54 : post OPB scan 55-71 : post scan 72-91 : blank	H5T_C_S1	
207		Overlap_post_Pre_post_scan_VN02	ポストオーバーラップ* 観測補助画像データ (VN02)	H5T_STD_U16LE	3	248	92		Data_description	AUX raw image data of VN02 (blank, pre scan, pre OPB scan, pre dummy scan, post dummy scan, post OPB scan, post scan, blank)	H5T_C_S1	
									CCD_line_number	S05 (VN02)	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	00-19 : blank 20-36 : pre scan 37-44 : pre OPB scan 45 : pre dummy scan 46 : post dummy scan 47-54 : post OPB scan 55-71 : post scan 72-91 : blank	H5T_C_S1	
208		Overlap_post_Pre_post_scan_VN03	ポストオーバーラップ* 観測補助画像データ (VN03)	H5T_STD_U16LE	3	248	92		Data_description	AUX raw image data of VN03 (blank, pre scan, pre OPB scan, pre dummy scan, post dummy scan, post OPB scan, post scan, blank)	H5T_C_S1	
									CCD_line_number	S07 (VN03)	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	00-19 : blank 20-36 : pre scan 37-44 : pre OPB scan 45 : pre dummy scan 46 : post dummy scan 47-54 : post OPB scan 55-71 : post scan 72-91 : blank	H5T_C_S1	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
209		Overlap_post_Pre_post_scan_VN04	ポストオーバーラップ* 観測補助画像データ (VN04)	H5T_STD_U16LE	3	248	92		Data_description	AUX raw image data of VN04 (blank, pre scan, pre OPB scan, pre dummy scan, post dummy scan, post OPB scan, post scan, blank)	H5T_C_S1	
									CCD_line_number	S04 (VN04)	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	00-19 : blank 20-36 : pre scan 37-44 : pre OPB scan 45 : pre dummy scan 46 : post dummy scan 47-54 : post OPB scan 55-71 : post scan 72-91 : blank	H5T_C_S1	
210		Overlap_post_Pre_post_scan_VN05	ポストオーバーラップ* 観測補助画像データ (VN05)	H5T_STD_U16LE	3	248	92		Data_description	AUX raw image data of VN05 (blank, pre scan, pre OPB scan, pre dummy scan, post dummy scan, post OPB scan, post scan, blank)	H5T_C_S1	
									CCD_line_number	S08 (VN05)	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	00-19 : blank 20-36 : pre scan 37-44 : pre OPB scan 45 : pre dummy scan 46 : post dummy scan 47-54 : post OPB scan 55-71 : post scan 72-91 : blank	H5T_C_S1	
211		Overlap_post_Pre_post_scan_VN06	ポストオーバーラップ* 観測補助画像データ (VN06)	H5T_STD_U16LE	3	248	92		Data_description	AUX raw image data of VN06 (blank, pre scan, pre OPB scan, pre dummy scan, post dummy scan, post OPB scan, post scan, blank)	H5T_C_S1	
									CCD_line_number	S03 (VN06)	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	00-19 : blank 20-36 : pre scan 37-44 : pre OPB scan 45 : pre dummy scan 46 : post dummy scan 47-54 : post OPB scan 55-71 : post scan 72-91 : blank	H5T_C_S1	
212		Overlap_post_Pre_post_scan_VN07	ポストオーバーラップ* 観測補助画像データ (VN07)	H5T_STD_U16LE	3	248	92		Data_description	AUX raw image data of VN07 (blank, pre scan, pre OPB scan, pre dummy scan, post dummy scan, post OPB scan, post scan, blank)	H5T_C_S1	
									CCD_line_number	S02 (VN07)	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	00-19 : blank 20-36 : pre scan 37-44 : pre OPB scan 45 : pre dummy scan 46 : post dummy scan 47-54 : post OPB scan 55-71 : post scan 72-91 : blank	H5T_C_S1	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
213		Overlap_post_Pre_post_scan_VN08	ポストオーバーラップ* 観測補助画像データ (VN08)	H5T_STD_U16LE	3	248	92		Data_description	AUX raw image data of VN08 (blank, pre scan, pre OPB scan, pre dummy scan, post dummy scan, post OPB scan, post scan, blank)	H5T_C_S1	
									CCD_line_number	S09 (VN08)	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
	Dim2	00-19 : blank 20-36 : pre scan 37-44 : pre OPB scan 45 : pre dummy scan 46 : post dummy scan 47-54 : post OPB scan 55-71 : post scan 72-91 : blank	H5T_C_S1									
214		Overlap_post_Pre_post_scan_VN09	ポストオーバーラップ* 観測補助画像データ (VN09)	H5T_STD_U16LE	3	248	92		Data_description	AUX raw image data of VN09 (blank, pre scan, pre OPB scan, pre dummy scan, post dummy scan, post OPB scan, post scan, blank)	H5T_C_S1	
									CCD_line_number	S11 (VN09)	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
	Dim2	00-19 : blank 20-36 : pre scan 37-44 : pre OPB scan 45 : pre dummy scan 46 : post dummy scan 47-54 : post OPB scan 55-71 : post scan 72-91 : blank	H5T_C_S1									
215		Overlap_post_Pre_post_scan_VN10	ポストオーバーラップ* 観測補助画像データ (VN10)	H5T_STD_U16LE	3	248	92		Data_description	AUX raw image data of VN10 (blank, pre scan, pre OPB scan, pre dummy scan, post dummy scan, post OPB scan, post scan, blank)	H5T_C_S1	
									CCD_line_number	S01 (VN10)	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
	Dim2	00-19 : blank 20-36 : pre scan 37-44 : pre OPB scan 45 : pre dummy scan 46 : post dummy scan 47-54 : post OPB scan 55-71 : post scan 72-91 : blank	H5T_C_S1									
216		Overlap_post_Pre_post_scan_VN11	ポストオーバーラップ* 観測補助画像データ (VN11)	H5T_STD_U16LE	3	248	92		Data_description	AUX raw image data of VN11 (blank, pre scan, pre OPB scan, pre dummy scan, post dummy scan, post OPB scan, post scan, blank)	H5T_C_S1	
									CCD_line_number	S10 (VN11)	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
	Dim2	00-19 : blank 20-36 : pre scan 37-44 : pre OPB scan 45 : pre dummy scan 46 : post dummy scan 47-54 : post OPB scan 55-71 : post scan 72-91 : blank	H5T_C_S1									
217		Overlap_pre_Raw_packet1	ブリオーバーラップ* パケット1観測補助データ	H5T_STD_U8LE	3	248	594		Data_description	Packet#1 raw data (except header)	H5T_C_S1	
									Error_value	255	H5T_STD_U8LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	octets	H5T_C_S1	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
218		Overlap_post_Raw_packet1	ポストオーバーラップ* パケット1観測補助データ	H5T_STD_USLE	3	248	594		Data_description	Packet#1 raw data (except header)	H5T_C_S1	
									Error_value	255	H5T_STD_USLE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	octets	H5T_C_S1	
219		Overlap_pre_Raw_packet_header	プリオーバーラップ* パケットヘッダ	H5T_STD_USLE	3	248	312		Data_description	Raw packet header of all packets(#1-12)	H5T_C_S1	
									Error_value	255	H5T_STD_USLE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	octets	H5T_C_S1	
220		Overlap_post_Raw_packet_header	ポストオーバーラップ* パケットヘッダ	H5T_STD_USLE	3	248	312		Data_description	Raw packet header of all packets(#1-12)	H5T_C_S1	
									Error_value	255	H5T_STD_USLE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	octets	H5T_C_S1	
221		Overlap_pre_Qf_scan	スキャン品質フラグ	H5T_STD_USLE	3	11	6816		Data_description	Quality flag of each scan	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	VN01 (S06), VN02 (S05), VN03 (S07), VN04 (S04), VN05 (S08), VN06 (S03), VN07 (S02), VN08 (S09), VN09 (S11), VN10 (S01), VN11 (S10)	H5T_C_S1	
									Dim2	lines	H5T_C_S1	
									Bit00 (LSB)-002	Quality flag 000 : Normal line 001 : Lack line 101 : Lack line (for synchronization between sensors) 010 : Resampling line (250m->1km/500m) 110 : Resampling line (500m->1km) 111 : Mixed line (000,001,101,010,110)	H5T_C_S1	
222		Overlap_post_Qf_scan	スキャン品質フラグ	H5T_STD_USLE	3	11	6816		Data_description	Quality flag of each scan	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	VN01 (S06), VN02 (S05), VN03 (S07), VN04 (S04), VN05 (S08), VN06 (S03), VN07 (S02), VN08 (S09), VN09 (S11), VN10 (S01), VN11 (S10)	H5T_C_S1	
									Dim2	lines	H5T_C_S1	
									Bit00 (LSB)-002	Quality flag 000 : Normal line 001 : Lack line 101 : Lack line (for synchronization between sensors) 010 : Resampling line (250m->1km/500m) 110 : Resampling line (500m->1km) 111 : Mixed line (000,001,101,010,110)	H5T_C_S1	
223	Extended_area/1km	Overlap_pre_VN01	プリオーバーラップ* 観測デジタルカウント値 (VN01)	H5T_STD_U16LE	3	248	1500		Data_description	Observed digital count of VN01 (Pre Overlap) only different from main data resolution Band_weighted_TOA_solar_irradiance, F0/D^2; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Band_width	10.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	380.0	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	1092.1436	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m^2/um	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Maximum_valid_value	65534	H5T_STD_U16LE	
									Minimum_valid_value	0	H5T_STD_U16LE	
									Saturation_radiance	264.0	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m^2/um/sr	H5T_C_S1	
									Spatial_resolution	250.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	pixels	H5T_C_S1	
Unit	Count	H5T_C_S1										

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
224		Overlap_pre_VN02	プリオーバーラップ* 観測デジタルカウント値 (VN02)	H5T_STD_U16LE	3	248	1500		Data_description	Observed digital count of VN02 (Pre Overlap) only different from main data resolution Band_weighted_TOA_solar_irradiance, F0/D ² ; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Band_width	10.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	412.0	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	1712.1531	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m ² /um	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Maximum_valid_value	65534	H5T_STD_U16LE	
									Minimum_valid_value	0	H5T_STD_U16LE	
									Saturation_radiance	335.5	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1	
									Spatial_resolution	250.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	pixels	H5T_C_S1	
Unit	Count	H5T_C_S1										
225		Overlap_pre_VN03	プリオーバーラップ* 観測デジタルカウント値 (VN03)	H5T_STD_U16LE	3	248	1500		Data_description	Observed digital count of VN03 (Pre Overlap) only different from main data resolution Band_weighted_TOA_solar_irradiance, F0/D ² ; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Band_width	10.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	443.0	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	1898.3185	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m ² /um	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Maximum_valid_value	65534	H5T_STD_U16LE	
									Minimum_valid_value	0	H5T_STD_U16LE	
									Saturation_radiance	502.7	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1	
									Spatial_resolution	250.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	pixels	H5T_C_S1	
Unit	Count	H5T_C_S1										
226		Overlap_pre_VN04	プリオーバーラップ* 観測デジタルカウント値 (VN04)	H5T_STD_U16LE	3	248	1500		Data_description	Observed digital count of VN04 (Pre Overlap) only different from main data resolution Band_weighted_TOA_solar_irradiance, F0/D ² ; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Band_width	10.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	490.0	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	1938.4602	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m ² /um	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Maximum_valid_value	65534	H5T_STD_U16LE	
									Minimum_valid_value	0	H5T_STD_U16LE	
									Saturation_radiance	161.7	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1	
									Spatial_resolution	250.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	pixels	H5T_C_S1	
Unit	Count	H5T_C_S1										
227		Overlap_pre_VN05	プリオーバーラップ* 観測デジタルカウント値 (VN05)	H5T_STD_U16LE	3	248	1500		Data_description	Observed digital count of VN05 (Pre Overlap) only different from main data resolution Band_weighted_TOA_solar_irradiance, F0/D ² ; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Band_width	10.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	530.0	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	1850.9604	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m ² /um	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Maximum_valid_value	65534	H5T_STD_U16LE	
									Minimum_valid_value	0	H5T_STD_U16LE	
									Saturation_radiance	394.9	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1	
									Spatial_resolution	250.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	pixels	H5T_C_S1	
Unit	Count	H5T_C_S1										

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
228		Overlap_pre_VN06	プリオーバーラップ* 観測デジタルカウント値 (VN06)	H5T_STD_U16LE	3	248	1500		Data_description	Observed digital count of VN06 (Pre Overlap) only different from main data resolution Band_weighted_TOA_solar_irradiance, F0/D ² ; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Band_width	10.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	565.0	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	1797.1344	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m ² /um	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Maximum_valid_value	65534	H5T_STD_U16LE	
									Minimum_valid_value	0	H5T_STD_U16LE	
									Saturation_radiance	104.5	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1	
									Spatial_resolution	250.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	pixels	H5T_C_S1	
Unit	Count	H5T_C_S1										
229		Overlap_pre_VN07	プリオーバーラップ* 観測デジタルカウント値 (VN07)	H5T_STD_U16LE	3	248	1500		Data_description	Observed digital count of VN07 (Pre Overlap) only different from main data resolution Band_weighted_TOA_solar_irradiance, F0/D ² ; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Band_width	10.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	673.5	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	1502.5667	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m ² /um	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Maximum_valid_value	65534	H5T_STD_U16LE	
									Minimum_valid_value	0	H5T_STD_U16LE	
									Saturation_radiance	75.9	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1	
									Spatial_resolution	250.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	pixels	H5T_C_S1	
Unit	Count	H5T_C_S1										
230		Overlap_pre_VN08	プリオーバーラップ* 観測デジタルカウント値 (VN08)	H5T_STD_U16LE	3	248	1500		Data_description	Observed digital count of VN08 (Pre Overlap) only different from main data resolution Band_weighted_TOA_solar_irradiance, F0/D ² ; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Band_width	10.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	673.5	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	1502.3177	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m ² /um	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Maximum_valid_value	65534	H5T_STD_U16LE	
									Minimum_valid_value	0	H5T_STD_U16LE	
									Saturation_radiance	234.3	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1	
									Spatial_resolution	250.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	pixels	H5T_C_S1	
Unit	Count	H5T_C_S1										
231		Overlap_pre_VN09	プリオーバーラップ* 観測デジタルカウント値 (VN09)	H5T_STD_U16LE	3	248	1500		Data_description	Observed digital count of VN09 (Pre Overlap) only different from main data resolution Band_weighted_TOA_solar_irradiance, F0/D ² ; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Band_width	10.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	763.0	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	1245.3663	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m ² /um	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Maximum_valid_value	65534	H5T_STD_U16LE	
									Minimum_valid_value	0	H5T_STD_U16LE	
									Saturation_radiance	386.1	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1	
									Spatial_resolution	250.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	pixels	H5T_C_S1	
Unit	Count	H5T_C_S1										

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
232		Overlap_pre_VN10	プリオーバーラップ* 観測デジタルカウント値 (VN10)	H5T_STD_U16LE	3	248	1500		Data_description	Observed digital count of VN10(Pre Overlap) only different from main data resolution Band_weighted_TOA_solar_irradiance, F0/D^2; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Band_width	10.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	868.5	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	956.2323	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m^2/um	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Maximum_valid_value	65534	H5T_STD_U16LE	
									Minimum_valid_value	0	H5T_STD_U16LE	
									Saturation_radiance	40.7	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m^2/um/sr	H5T_C_S1	
									Spatial_resolution	250.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	pixels	H5T_C_S1	
Unit	Count	H5T_C_S1										
233		Overlap_pre_VN11	プリオーバーラップ* 観測デジタルカウント値 (VN11)	H5T_STD_U16LE	3	248	1500		Data_description	Observed digital count of VN11(Pre Overlap) only different from main data resolution Band_weighted_TOA_solar_irradiance, F0/D^2; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Band_width	10.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	868.5	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	956.5352	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m^2/um	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Maximum_valid_value	65534	H5T_STD_U16LE	
									Minimum_valid_value	0	H5T_STD_U16LE	
									Saturation_radiance	335.5	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m^2/um/sr	H5T_C_S1	
									Spatial_resolution	250.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	pixels	H5T_C_S1	
Unit	Count	H5T_C_S1										
234		Overlap_post_VN01	ポストオーバーラップ* 観測デジタルカウント値 (VN01)	H5T_STD_U16LE	3	248	1500		Data_description	Observed digital count of VN01(Post Overlap) only different from main data resolution Band_weighted_TOA_solar_irradiance, F0/D^2; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Band_width	10.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	380	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	1092.1436	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m^2/um	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Maximum_valid_value	65534	H5T_STD_U16LE	
									Minimum_valid_value	0	H5T_STD_U16LE	
									Saturation_radiance	264.0	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m^2/um/sr	H5T_C_S1	
									Spatial_resolution	250.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	pixels	H5T_C_S1	
Unit	Count	H5T_C_S1										
235		Overlap_post_VN02	ポストオーバーラップ* 観測デジタルカウント値 (VN02)	H5T_STD_U16LE	3	248	1500		Data_description	Observed digital count of VN02(Post Overlap) only different from main data resolution Band_weighted_TOA_solar_irradiance, F0/D^2; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Band_width	10.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	412	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	1712.1531	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m^2/um	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Maximum_valid_value	65534	H5T_STD_U16LE	
									Minimum_valid_value	0	H5T_STD_U16LE	
									Saturation_radiance	335.5	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m^2/um/sr	H5T_C_S1	
									Spatial_resolution	250.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	pixels	H5T_C_S1	
Unit	Count	H5T_C_S1										

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
236		Overlap_post_VN03	ポストオーバーラップ* 観測デジタルカウント値 (VN03)	H5T_STD_U16LE	3	248	1500		Data_description	Observed digital count of VN03(Post Overlap) only different from main data resolution Band_weighted_TOA_solar_irradiance, F0/D^2; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Band_width	10.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	443.0	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	1898.3185	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m^2/um	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Maximum_valid_value	65534	H5T_STD_U16LE	
									Minimum_valid_value	0	H5T_STD_U16LE	
									Saturation_radiance	502.7	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m^2/um/sr	H5T_C_S1	
									Spatial_resolution	250.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	pixels	H5T_C_S1	
Unit	Count	H5T_C_S1										
237		Overlap_post_VN04	ポストオーバーラップ* 観測デジタルカウント値 (VN04)	H5T_STD_U16LE	3	248	1500		Data_description	Observed digital count of VN04(Post Overlap) only different from main data resolution Band_weighted_TOA_solar_irradiance, F0/D^2; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Band_width	10.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	490.0	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	1938.4602	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m^2/um	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Maximum_valid_value	65534	H5T_STD_U16LE	
									Minimum_valid_value	0	H5T_STD_U16LE	
									Saturation_radiance	161.7	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m^2/um/sr	H5T_C_S1	
									Spatial_resolution	250.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	pixels	H5T_C_S1	
Unit	Count	H5T_C_S1										
238		Overlap_post_VN05	ポストオーバーラップ* 観測デジタルカウント値 (VN05)	H5T_STD_U16LE	3	248	1500		Data_description	Observed digital count of VN05(Post Overlap) only different from main data resolution Band_weighted_TOA_solar_irradiance, F0/D^2; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Band_width	10.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	530.0	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	1850.9604	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m^2/um	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Maximum_valid_value	65534	H5T_STD_U16LE	
									Minimum_valid_value	0	H5T_STD_U16LE	
									Saturation_radiance	394.9	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m^2/um/sr	H5T_C_S1	
									Spatial_resolution	250.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	pixels	H5T_C_S1	
Unit	Count	H5T_C_S1										
239		Overlap_post_VN06	ポストオーバーラップ* 観測デジタルカウント値 (VN06)	H5T_STD_U16LE	3	248	1500		Data_description	Observed digital count of VN06(Post Overlap) only different from main data resolution Band_weighted_TOA_solar_irradiance, F0/D^2; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Band_width	10.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	565.0	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	1797.1344	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m^2/um	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Maximum_valid_value	65534	H5T_STD_U16LE	
									Minimum_valid_value	0	H5T_STD_U16LE	
									Saturation_radiance	104.5	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m^2/um/sr	H5T_C_S1	
									Spatial_resolution	250.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	pixels	H5T_C_S1	
Unit	Count	H5T_C_S1										

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
240		Overlap_post_VN07	ポストオーバーラップ* 観測デジタルカウント値 (VN07)	H5T_STD_U16LE	3	248	1500		Data_description	Observed digital count of VN07(Post Overlap) only different from main data resolution Band_weighted_TOA_solar_irradiance, F0/D ² ; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Band_width	10.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	673.5	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	1502.5667	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m ² /um	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Maximum_valid_value	65534	H5T_STD_U16LE	
									Minimum_valid_value	0	H5T_STD_U16LE	
									Saturation_radiance	75.9	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1	
									Spatial_resolution	250.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	pixels	H5T_C_S1	
Unit	Count	H5T_C_S1										
241		Overlap_post_VN08	ポストオーバーラップ* 観測デジタルカウント値 (VN08)	H5T_STD_U16LE	3	248	1500		Data_description	Observed digital count of VN08(Post Overlap) only different from main data resolution Band_weighted_TOA_solar_irradiance, F0/D ² ; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Band_width	10.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	673.5	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	1502.3177	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m ² /um	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Maximum_valid_value	65534	H5T_STD_U16LE	
									Minimum_valid_value	0	H5T_STD_U16LE	
									Saturation_radiance	234.3	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1	
									Spatial_resolution	250.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	pixels	H5T_C_S1	
Unit	Count	H5T_C_S1										
242		Overlap_post_VN09	ポストオーバーラップ* 観測デジタルカウント値 (VN09)	H5T_STD_U16LE	3	248	1500		Data_description	Observed digital count of VN09(Post Overlap) only different from main data resolution Band_weighted_TOA_solar_irradiance, F0/D ² ; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Band_width	10.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	763.0	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	1245.3663	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m ² /um	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Maximum_valid_value	65534	H5T_STD_U16LE	
									Minimum_valid_value	0	H5T_STD_U16LE	
									Saturation_radiance	386.1	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1	
									Spatial_resolution	250.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	pixels	H5T_C_S1	
Unit	Count	H5T_C_S1										
243		Overlap_post_VN10	ポストオーバーラップ* 観測デジタルカウント値 (VN10)	H5T_STD_U16LE	3	248	1500		Data_description	Observed digital count of VN10(Post Overlap) only different from main data resolution Band_weighted_TOA_solar_irradiance, F0/D ² ; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Band_width	10.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	868.5	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	956.2323	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m ² /um	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Maximum_valid_value	65534	H5T_STD_U16LE	
									Minimum_valid_value	0	H5T_STD_U16LE	
									Saturation_radiance	40.7	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1	
									Spatial_resolution	250.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	pixels	H5T_C_S1	
Unit	Count	H5T_C_S1										

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
244		Overlap_post_VN11	ポストオーバーラップ 観測デジタルカウント値 (VN11)	H5T_STD_U16LE	3	248	1500		Data_description	Observed digital count of VN11(Post Overlap) only different from main data resolution Band_weighted_TOA_solar_irradiance, F0/D ² ; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Band_width	10.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	868.5	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	956.5352	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m ² /um	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Maximum_valid_value	65534	H5T_STD_U16LE	
									Minimum_valid_value	0	H5T_STD_U16LE	
									Saturation_radiance	335.5	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1	
									Spatial_resolution	250.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
Dim2	pixels	H5T_C_S1										
Unit	Count	H5T_C_S1										
245		Overlap_pre_Pre_post_scan_VN01	ブリアオーバーラップ* 観測補助画像データ (VN01)	H5T_STD_U16LE	3	248	92		Data_description	AUX raw image data of VN01 (blank, pre scan, pre OPB scan, pre dummy scan, post dummy scan, post OPB scan, post scan, blank)	H5T_C_S1	
									CCD_line_number	S06 (VN01)	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	00-19 : blank 20-36 : pre scan 37-44 : pre OPB scan 45 : pre dummy scan 46 : post dummy scan 47-54 : post OPB scan 55-71 : post scan 72-91 : blank	H5T_C_S1	
									CCD_line_number	S05 (VN02)	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
246		Overlap_pre_Pre_post_scan_VN02	ブリアオーバーラップ* 観測補助画像データ (VN02)	H5T_STD_U16LE	3	248	92		Data_description	AUX raw image data of VN02 (blank, pre scan, pre OPB scan, pre dummy scan, post dummy scan, post OPB scan, post scan, blank)	H5T_C_S1	
									CCD_line_number	S05 (VN02)	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	00-19 : blank 20-36 : pre scan 37-44 : pre OPB scan 45 : pre dummy scan 46 : post dummy scan 47-54 : post OPB scan 55-71 : post scan 72-91 : blank	H5T_C_S1	
									CCD_line_number	S07 (VN03)	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
247		Overlap_pre_Pre_post_scan_VN03	ブリアオーバーラップ* 観測補助画像データ (VN03)	H5T_STD_U16LE	3	248	92		Data_description	AUX raw image data of VN03 (blank, pre scan, pre OPB scan, pre dummy scan, post dummy scan, post OPB scan, post scan, blank)	H5T_C_S1	
									CCD_line_number	S07 (VN03)	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	00-19 : blank 20-36 : pre scan 37-44 : pre OPB scan 45 : pre dummy scan 46 : post dummy scan 47-54 : post OPB scan 55-71 : post scan 72-91 : blank	H5T_C_S1	
									CCD_line_number	S04 (VN04)	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
248		Overlap_pre_Pre_post_scan_VN04	ブリアオーバーラップ* 観測補助画像データ (VN04)	H5T_STD_U16LE	3	248	92		Data_description	AUX raw image data of VN04 (blank, pre scan, pre OPB scan, pre dummy scan, post dummy scan, post OPB scan, post scan, blank)	H5T_C_S1	
									CCD_line_number	S04 (VN04)	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	00-19 : blank 20-36 : pre scan 37-44 : pre OPB scan 45 : pre dummy scan 46 : post dummy scan 47-54 : post OPB scan 55-71 : post scan 72-91 : blank	H5T_C_S1	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
249		Overlap_pre_Pre_post_scan_VN05	ブリアオーバーラップ* 観測補助画像データ (VN05)	H5T_STD_U16LE	3	248	92		Data_description	AUX raw image data of VN05 (blank, pre scan, pre OPB scan, pre dummy scan, post dummy scan, post OPB scan, post scan, blank)	H5T_C_S1	
									CCD_line_number	S08 (VN05)	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	00-19 : blank 20-36 : pre scan 37-44 : pre OPB scan 45 : pre dummy scan 46 : post dummy scan 47-54 : post OPB scan 55-71 : post scan 72-91 : blank	H5T_C_S1	
250		Overlap_pre_Pre_post_scan_VN06	ブリアオーバーラップ* 観測補助画像データ (VN06)	H5T_STD_U16LE	3	248	92		Data_description	AUX raw image data of VN06 (blank, pre scan, pre OPB scan, pre dummy scan, post dummy scan, post OPB scan, post scan, blank)	H5T_C_S1	
									CCD_line_number	S03 (VN06)	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	00-19 : blank 20-36 : pre scan 37-44 : pre OPB scan 45 : pre dummy scan 46 : post dummy scan 47-54 : post OPB scan 55-71 : post scan 72-91 : blank	H5T_C_S1	
251		Overlap_pre_Pre_post_scan_VN07	ブリアオーバーラップ* 観測補助画像データ (VN07)	H5T_STD_U16LE	3	248	92		Data_description	AUX raw image data of VN07 (blank, pre scan, pre OPB scan, pre dummy scan, post dummy scan, post OPB scan, post scan, blank)	H5T_C_S1	
									CCD_line_number	S02 (VN07)	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	00-19 : blank 20-36 : pre scan 37-44 : pre OPB scan 45 : pre dummy scan 46 : post dummy scan 47-54 : post OPB scan 55-71 : post scan 72-91 : blank	H5T_C_S1	
252		Overlap_pre_Pre_post_scan_VN08	ブリアオーバーラップ* 観測補助画像データ (VN08)	H5T_STD_U16LE	3	248	92		Data_description	AUX raw image data of VN08 (blank, pre scan, pre OPB scan, pre dummy scan, post dummy scan, post OPB scan, post scan, blank)	H5T_C_S1	
									CCD_line_number	S09 (VN08)	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	00-19 : blank 20-36 : pre scan 37-44 : pre OPB scan 45 : pre dummy scan 46 : post dummy scan 47-54 : post OPB scan 55-71 : post scan 72-91 : blank	H5T_C_S1	
253		Overlap_pre_Pre_post_scan_VN09	ブリアオーバーラップ* 観測補助画像データ (VN09)	H5T_STD_U16LE	3	248	92		Data_description	AUX raw image data of VN09 (blank, pre scan, pre OPB scan, pre dummy scan, post dummy scan, post OPB scan, post scan, blank)	H5T_C_S1	
									CCD_line_number	S11 (VN09)	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	00-19 : blank 20-36 : pre scan 37-44 : pre OPB scan 45 : pre dummy scan 46 : post dummy scan 47-54 : post OPB scan 55-71 : post scan 72-91 : blank	H5T_C_S1	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
254		Overlap_pre_Pre_post_scan_VN10	ブリアオーバーラップ* 観測補助画像データ (VN10)	H5T_STD_U16LE	3	248	92		Data_description	AUX raw image data of VN10 (blank, pre scan, pre OPB scan, pre dummy scan, post dummy scan, post OPB scan, post scan, blank)	H5T_C_S1	
									CCD_line_number	S01 (VN10)	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	00-19 : blank 20-36 : pre scan 37-44 : pre OPB scan 45 : pre dummy scan 46 : post dummy scan 47-54 : post OPB scan 55-71 : post scan 72-91 : blank	H5T_C_S1	
255		Overlap_pre_Pre_post_scan_VN11	ブリアオーバーラップ* 観測補助画像データ (VN11)	H5T_STD_U16LE	3	248	92		Data_description	AUX raw image data of VN11 (blank, pre scan, pre OPB scan, pre dummy scan, post dummy scan, post OPB scan, post scan, blank)	H5T_C_S1	
									CCD_line_number	S10 (VN11)	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	00-19 : blank 20-36 : pre scan 37-44 : pre OPB scan 45 : pre dummy scan 46 : post dummy scan 47-54 : post OPB scan 55-71 : post scan 72-91 : blank	H5T_C_S1	
256		Overlap_post_Pre_post_scan_VN01	ポストオーバーラップ* 観測補助画像データ (VN01)	H5T_STD_U16LE	3	248	92		Data_description	AUX raw image data of VN01 (blank, pre scan, pre OPB scan, pre dummy scan, post dummy scan, post OPB scan, post scan, blank)	H5T_C_S1	
									CCD_line_number	S06 (VN01)	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	00-19 : blank 20-36 : pre scan 37-44 : pre OPB scan 45 : pre dummy scan 46 : post dummy scan 47-54 : post OPB scan 55-71 : post scan 72-91 : blank	H5T_C_S1	
257		Overlap_post_Pre_post_scan_VN02	ポストオーバーラップ* 観測補助画像データ (VN02)	H5T_STD_U16LE	3	248	92		Data_description	AUX raw image data of VN02 (blank, pre scan, pre OPB scan, pre dummy scan, post dummy scan, post OPB scan, post scan, blank)	H5T_C_S1	
									CCD_line_number	S05 (VN02)	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	00-19 : blank 20-36 : pre scan 37-44 : pre OPB scan 45 : pre dummy scan 46 : post dummy scan 47-54 : post OPB scan 55-71 : post scan 72-91 : blank	H5T_C_S1	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
258		Overlap_post_Pre_post_scan_VN03	ポストオーバーラップ* 観測補助画像データ (VN03)	H5T_STD_U16LE	3	248	92		Data_description	AUX raw image data of VN03 (blank, pre scan, pre OPB scan, pre dummy scan, post dummy scan, post OPB scan, post scan, blank)	H5T_C_S1	
									CCD_line_number	S07 (VN03)	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	00-19 : blank 20-36 : pre scan 37-44 : pre OPB scan 45 : pre dummy scan 46 : post dummy scan 47-54 : post OPB scan 55-71 : post scan 72-91 : blank	H5T_C_S1	
259		Overlap_post_Pre_post_scan_VN04	ポストオーバーラップ* 観測補助画像データ (VN04)	H5T_STD_U16LE	3	248	92		Data_description	AUX raw image data of VN04 (blank, pre scan, pre OPB scan, pre dummy scan, post dummy scan, post OPB scan, post scan, blank)	H5T_C_S1	
									CCD_line_number	S04 (VN04)	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	00-19 : blank 20-36 : pre scan 37-44 : pre OPB scan 45 : pre dummy scan 46 : post dummy scan 47-54 : post OPB scan 55-71 : post scan 72-91 : blank	H5T_C_S1	
260		Overlap_post_Pre_post_scan_VN05	ポストオーバーラップ* 観測補助画像データ (VN05)	H5T_STD_U16LE	3	248	92		Data_description	AUX raw image data of VN05 (blank, pre scan, pre OPB scan, pre dummy scan, post dummy scan, post OPB scan, post scan, blank)	H5T_C_S1	
									CCD_line_number	S08 (VN05)	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	00-19 : blank 20-36 : pre scan 37-44 : pre OPB scan 45 : pre dummy scan 46 : post dummy scan 47-54 : post OPB scan 55-71 : post scan 72-91 : blank	H5T_C_S1	
261		Overlap_post_Pre_post_scan_VN06	ポストオーバーラップ* 観測補助画像データ (VN06)	H5T_STD_U16LE	3	248	92		Data_description	AUX raw image data of VN06 (blank, pre scan, pre OPB scan, pre dummy scan, post dummy scan, post OPB scan, post scan, blank)	H5T_C_S1	
									CCD_line_number	S03 (VN06)	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	00-19 : blank 20-36 : pre scan 37-44 : pre OPB scan 45 : pre dummy scan 46 : post dummy scan 47-54 : post OPB scan 55-71 : post scan 72-91 : blank	H5T_C_S1	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
262		Overlap_post_Pre_post_scan_VN07	ポストオーバーラップ* 観測補助画像データ (VN07)	H5T_STD_U16LE	3	248	92		Data_description	AUX raw image data of VN07 (blank, pre scan, pre OPB scan, pre dummy scan, post dummy scan, post OPB scan, post scan, blank)	H5T_C_S1	
									CCD_line_number	S02 (VN07)	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	00-19 : blank 20-36 : pre scan 37-44 : pre OPB scan 45 : pre dummy scan 46 : post dummy scan 47-54 : post OPB scan 55-71 : post scan 72-91 : blank	H5T_C_S1	
263		Overlap_post_Pre_post_scan_VN08	ポストオーバーラップ* 観測補助画像データ (VN08)	H5T_STD_U16LE	3	248	92		Data_description	AUX raw image data of VN08 (blank, pre scan, pre OPB scan, pre dummy scan, post dummy scan, post OPB scan, post scan, blank)	H5T_C_S1	
									CCD_line_number	S09 (VN08)	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	00-19 : blank 20-36 : pre scan 37-44 : pre OPB scan 45 : pre dummy scan 46 : post dummy scan 47-54 : post OPB scan 55-71 : post scan 72-91 : blank	H5T_C_S1	
264		Overlap_post_Pre_post_scan_VN09	ポストオーバーラップ* 観測補助画像データ (VN09)	H5T_STD_U16LE	3	248	92		Data_description	AUX raw image data of VN09 (blank, pre scan, pre OPB scan, pre dummy scan, post dummy scan, post OPB scan, post scan, blank)	H5T_C_S1	
									CCD_line_number	S11 (VN09)	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	00-19 : blank 20-36 : pre scan 37-44 : pre OPB scan 45 : pre dummy scan 46 : post dummy scan 47-54 : post OPB scan 55-71 : post scan 72-91 : blank	H5T_C_S1	
265		Overlap_post_Pre_post_scan_VN10	ポストオーバーラップ* 観測補助画像データ (VN10)	H5T_STD_U16LE	3	248	92		Data_description	AUX raw image data of VN10 (blank, pre scan, pre OPB scan, pre dummy scan, post dummy scan, post OPB scan, post scan, blank)	H5T_C_S1	
									CCD_line_number	S01 (VN10)	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	00-19 : blank 20-36 : pre scan 37-44 : pre OPB scan 45 : pre dummy scan 46 : post dummy scan 47-54 : post OPB scan 55-71 : post scan 72-91 : blank	H5T_C_S1	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
266		Overlap_post_Pre_post_scan_VN11	ポストオーバーラップ* 観測補助画像データ(VN11)	H5T_STD_U16LE	3	248	92		Data_description	AUX raw image data of VN11 (blank, pre scan, pre OPB scan, pre dummy scan, post dummy scan, post OPB scan, post scan, blank)	H5T_C_S1	
									CCD_line_number	S10(VN11)	H5T_C_S1	
									Error_value	65535	H5T_STD_U16LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	00-19 : blank 20-36 : pre scan 37-44 : pre OPB scan 45 : pre dummy scan 46 : post dummy scan 47-54 : post OPB scan 55-71 : post scan 72-91 : blank	H5T_C_S1	
267		Overlap_pre_Raw_packet1	プリオーバーラップ* パケット1観測補助データ	H5T_STD_U8LE	3	248	594		Data_description	Packet#1 raw data (except header)	H5T_C_S1	
									Error_value	255	H5T_STD_U8LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	octets	H5T_C_S1	
268		Overlap_post_Raw_packet1	ポストオーバーラップ* パケット1観測補助データ	H5T_STD_U8LE	3	248	594		Data_description	Packet#1 raw data (except header)	H5T_C_S1	
									Error_value	255	H5T_STD_U8LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	octets	H5T_C_S1	
269	Reserved	Overlap_pre_Raw_packet_header	プリオーバーラップ* パケットヘッダ	H5T_STD_U8LE	3	248	312		Data_description	Raw packet header of all packets(#1-12)	H5T_C_S1	
									Error_value	255	H5T_STD_U8LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	octets	H5T_C_S1	
270	Reserved	Overlap_post_Raw_packet_header	ポストオーバーラップ* パケットヘッダ	H5T_STD_U8LE	3	248	312		Data_description	Raw packet header of all packets(#1-12)	H5T_C_S1	
									Error_value	255	H5T_STD_U8LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	octets	H5T_C_S1	
271		Overlap_pre_Qf_scan	スキャン品質フラグ	H5T_STD_U8LE	3	11	6816		Data_description	Quality flag of each scan	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	VN01(S06), VN02(S05), VN03(S07), VN04(S04), VN05(S08), VN06(S03), VN07(S02), VN08(S09), VN09(S11), VN10(S01), VN11(S10)	H5T_C_S1	
									Dim2	lines	H5T_C_S1	
									Bit00(LSB)-002	Quality flag 000 : Normal line 001 : Lack line 101 : Lack line (for synchronization between sensors) 010 : Resampling line (250m->1km/500m) 110 : Resampling line (500m->1km) 111 : Mixed line (000,001,101,010,110)	H5T_C_S1	
272	Reserved	Overlap_post_Qf_scan	スキャン品質フラグ	H5T_STD_U8LE	3	11	6816		Data_description	Quality flag of each scan	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	VN01(S06), VN02(S05), VN03(S07), VN04(S04), VN05(S08), VN06(S03), VN07(S02), VN08(S09), VN09(S11), VN10(S01), VN11(S10)	H5T_C_S1	
									Dim2	lines	H5T_C_S1	
									Bit00(LSB)-002	Quality flag 000 : Normal line 001 : Lack line 101 : Lack line (for synchronization between sensors) 010 : Resampling line (250m->1km/500m) 110 : Resampling line (500m->1km) 111 : Mixed line (000,001,101,010,110)	H5T_C_S1	
273	Reserved	Unused_packet_left	処理対象外パケット(左鏡筒)	H5T_STD_U8LE	0	2414		Data_description	Unused mission data packet(Left)	H5T_C_S1		
								Dim0	packets	H5T_C_S1		
								Dim1	octets	H5T_C_S1		
274	Reserved	Unused_packet_nadir	処理対象外パケット(中央鏡筒)	H5T_STD_U8LE	0	2414		Data_description	Unused mission data packet(Nadir)	H5T_C_S1		
								Dim0	packets	H5T_C_S1		
								Dim1	octets	H5T_C_S1		
275	Reserved	Unused_packet_right	処理対象外パケット(右鏡筒)	H5T_STD_U8LE	0	2414		Data_description	Unused mission data packet(Right)	H5T_C_S1		
								Dim0	packets	H5T_C_S1		
								Dim1	octets	H5T_C_S1		

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute	備考
Global_attributes									Product_file_name	GCISG1_201305201801_12302_1ASG_POLDK_1001.h5	H5T_C_S1	
									Mission_characteristics	Nominal orbit:inclination = 98.6(Sun-Synchronous); node = 10:15-10:45 AM(descending); eccentricity < 0.0012; altitude = 798km; ground speed = 6.6km/sec; revolutions per day =14+9/34	H5T_C_S1	
									Sensor	Second-generation Global Imager (SGLI)	H5T_C_S1	
									Algorithm_version	0.10	H5T_C_S1	
									Parameter_version	002.00	H5T_C_S1	
									Algorithm_developer	Japan Aerospace Exploration Agency (JAXA)	H5T_C_S1	
									Dataset_description	Sensor output (digital counts)	H5T_C_S1	
									Product_name	Sensor output (digital counts)	H5T_C_S1	
									Product_version	0002	H5T_C_S1	
									Satellite	Global Change Observation Mission - Climate (GCOM-	H5T_C_S1	
									Product_level	Level-1A	H5T_C_S1	
									Scene_start_time	20030320 23:28:39.823	H5T_C_S1	
									Scene_end_time	20030320 23:32:49.287	H5T_C_S1	
									Scene_center_time	20030320 23:30:44.555	H5T_C_S1	
									Ascending_node_crossing_time	20030320 23:42:23.000	H5T_C_S1	
									Total_orbit_number	12345	H5T_STD_I32LE	
									RSP_path_number	123	H5T_STD_I32LE	
									Scene_number	2	H5T_STD_I32LE	
									Orbit_direction	Ascending	H5T_C_S1	
									Maneuver_status	Include	H5T_C_S1	
									Start_argument_of_latitude	1	H5T_IEEE_F32L	
									End_argument_of_latitude	15	H5T_IEEE_F32L	
									Lines_per_scan	1, 1, 1, 1, 1, 1	H5T_STD_I32LE [6]	
									Stored_channels	PL01(+60), PL01(0), PL01(-60), PL02(+60), PL02(0), PL02(-60)	H5T_C_S1	
									Missing_lines	0, 0, 0, 0, 0, 0	H5T_STD_I32LE [6]	
									Missing_lines_rate	0.0, 0.0, 0.0, 0.0, 0.0, 0.0	H5T_IEEE_F32L E [6]	
									Saturated_pixels_rate	0.0, 0.0, 0.0, 0.0, 0.0, 0.0	H5T_IEEE_F32L E [6]	飽和ピクセル率の算出方式は VNR-NPと同様。 ただし、 N : L1Aシーン本体のピクセル 数 (Raw_data/Number_of_lines) × (Raw_data/Number_of_pixels) デジタルカウント値の飽和し きい値は、チャンネルごとの 処理パラメータ
									Abnormal_positions_rate	0.0	H5T_IEEE_F32L	
									Abnormal_velocities_rate	0.0	H5T_IEEE_F32L	
									Abnormal_attitudes_rate	0.0	H5T_IEEE_F32L	
Geometric_information_error_rate	0.0, 0.0, 0.0, 0.0, 0.0, 0.0	H5T_IEEE_F32L E [6]										
Individual_quality_info	GGGGGGGGGGGGGGGG	H5T_C_S1	G : Good P : Poor F : Fair N : NG									
Quality_judge_line	0	H5T_STD_I32LE										
Processing_attributes									Contact_point	JAXA/GCOM project team	H5T_C_S1	
									Input_files		H5T_C_S1	L1Aプロダクトを入力とした再 処理プロダクトの場合には、 L1Aプロダクト名が格納され る。
									Processing_UT	20120813 01:30:35	H5T_C_S1	
									Processing_result	Good	H5T_C_S1	
									Processing_result_description	Good, Fair, Poor, NG	H5T_C_S1	
Processing_organization	JAXA/GCOM-C project	H5T_C_S1										

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No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute	備考
1	Raw_data	P1_p60	観測デジタルカウント値(P1 +60°)	H5T_STD_U16LE	27167	857			Number_of_lines	27167	H5T_STD_I32LE	
									Number_of_pixels	857	H5T_STD_I32LE	
									Data_description	Observed digital count of P1 +60degree Band_weighted_TOA_solar_irradiance, F0/D^2; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Band_width	20	H5T_IEEE_F32L	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	673.5	H5T_IEEE_F32L	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	1503.605	H5T_IEEE_F32L	
									Band_weighted_TOA_solar_irradiance_unit	W/m^2/um	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Maximum_valid_value	65534	H5T_STD_I32LE	
									Minimum_valid_value	0	H5T_STD_I32LE	
									Saturation_radiance	324.5	H5T_IEEE_F32L	
									Saturation_radiance_unit	W/m^2/um/sr	H5T_C_S1	
									Spatial_resolution	1000.0	H5T_IEEE_F32L	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	lines	H5T_C_S1	
Dim1	pixels	H5T_C_S1										
Unit	Count	H5T_C_S1										
2	Raw_data	P1_0	観測デジタルカウント値(P1 0°)	H5T_STD_U16LE	27167	857			Data_description	Observed digital count of P1 0degree Band_weighted_TOA_solar_irradiance, F0/D^2; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Band_width	20	H5T_IEEE_F32L	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	673.5	H5T_IEEE_F32L	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	1503.605	H5T_IEEE_F32L	
									Band_weighted_TOA_solar_irradiance_unit	W/m^2/um	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Maximum_valid_value	65534	H5T_STD_I32LE	
									Minimum_valid_value	0	H5T_STD_I32LE	
									Saturation_radiance	346.5	H5T_IEEE_F32L	
									Saturation_radiance_unit	W/m^2/um/sr	H5T_C_S1	
									Spatial_resolution	1000.0	H5T_IEEE_F32L	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	
3	Raw_data	P1_m60	観測デジタルカウント値(P1 -60°)	H5T_STD_U16LE	27167	857			Data_description	Observed digital count of P1 -60degree Band_weighted_TOA_solar_irradiance, F0/D^2; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Band_width	20	H5T_IEEE_F32L	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	673.5	H5T_IEEE_F32L	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	1503.605	H5T_IEEE_F32L	
									Band_weighted_TOA_solar_irradiance_unit	W/m^2/um	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Maximum_valid_value	65534	H5T_STD_I32LE	
									Minimum_valid_value	0	H5T_STD_I32LE	
									Saturation_radiance	322.3	H5T_IEEE_F32L	
									Saturation_radiance_unit	W/m^2/um/sr	H5T_C_S1	
									Spatial_resolution	1000.0	H5T_IEEE_F32L	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	
4	Raw_data	P2_p60	観測デジタルカウント値(P2 +60°)	H5T_STD_U16LE	27167	857			Data_description	Observed digital count of P2 +60degree Band_weighted_TOA_solar_irradiance, F0/D^2; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Band_width	20	H5T_IEEE_F32L	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	868.5	H5T_IEEE_F32L	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	956.8333	H5T_IEEE_F32L	
									Band_weighted_TOA_solar_irradiance_unit	W/m^2/um	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Maximum_valid_value	65534	H5T_STD_I32LE	
									Minimum_valid_value	0	H5T_STD_I32LE	
									Saturation_radiance	435.6	H5T_IEEE_F32L	
									Saturation_radiance_unit	W/m^2/um/sr	H5T_C_S1	
									Spatial_resolution	1000.0	H5T_IEEE_F32L	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute	備考
5		P2_0	観測デジタルカウント値(P2 0°)	H5T_STD_U16LE	27167	857			Data_description	Observed digital count of PL2 0degree Band_weighted_TOA_solar_irradiance, F0/D^2; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Band_width	20	H5T_IEEE_F32L	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	868.5	H5T_IEEE_F32L	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	956.8333	H5T_IEEE_F32L	
									Band_weighted_TOA_solar_irradiance_unit	W/m^2/um	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Maximum_valid_value	65534	H5T_STD_I32LE	
									Minimum_valid_value	0	H5T_STD_I32LE	
									Saturation_radiance	466.4	H5T_IEEE_F32L	
									Saturation_radiance_unit	W/m^2/um/sr	H5T_C_S1	
									Spatial_resolution	1000.0	H5T_IEEE_F32L	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	
6		P2_m60	観測デジタルカウント値(P2 -60°)	H5T_STD_U16LE	27167	857			Data_description	Observed digital count of PL2 -60degree Band_weighted_TOA_solar_irradiance, F0/D^2; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Band_width	20	H5T_IEEE_F32L	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	868.5	H5T_IEEE_F32L	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	956.8333	H5T_IEEE_F32L	
									Band_weighted_TOA_solar_irradiance_unit	W/m^2/um	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Maximum_valid_value	65534	H5T_STD_I32LE	
									Minimum_valid_value	0	H5T_STD_I32LE	
									Saturation_radiance	440	H5T_IEEE_F32L	
									Saturation_radiance_unit	W/m^2/um/sr	H5T_C_S1	
									Spatial_resolution	1000.0	H5T_IEEE_F32L	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	
7		Pre_post_scan_P1_p60	観測補助画像データ(P1 +60°)	H5T_STD_U16LE	27167	92			Data_description	AUX raw image data of PL1 +60degree (pre scan, pre OPB scan, pre dummy scan, post dummy scan, post OPB scan, post scan)	H5T_C_S1	
									CCD_line_number	PL1-S09(p60)	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	0-33 : pre scan 34-43 : pre OPB scan 44-45 : pre dummy scan 46-47 : post dummy scan 48-57 : post OPB scan 58-91 : post scan	H5T_C_S1	
8		Pre_post_scan_P1_0	観測補助画像データ(P1 0°)	H5T_STD_U16LE	27167	92			Data_description	AUX raw image data of PL1 0degree (pre scan, pre OPB scan, pre dummy scan, post dummy scan, post OPB scan, post scan)	H5T_C_S1	
									CCD_line_number	PL1-S10(pm0)	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	0-33 : pre scan 34-43 : pre OPB scan 44-45 : pre dummy scan 46-47 : post dummy scan 48-57 : post OPB scan 58-91 : post scan	H5T_C_S1	
9		Pre_post_scan_P1_m60	観測補助画像データ(P1 -60°)	H5T_STD_U16LE	27167	92			Data_description	AUX raw image data of PL1 -60degree (pre scan, pre OPB scan, pre dummy scan, post dummy scan, post OPB scan, post scan)	H5T_C_S1	
									CCD_line_number	PL1-S11(m60)	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	0-33 : pre scan 34-43 : pre OPB scan 44-45 : pre dummy scan 46-47 : post dummy scan 48-57 : post OPB scan 58-91 : post scan	H5T_C_S1	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute	備考
10		Pre_post_scan_P2_p60	観測補助画像データ (P2 +60°)	H5T_STD_U16LE	27167	92			Data_description	AUX raw image data of PL2 +60degree (pre scan, pre OPB scan, pre dummy scan, post dummy scan, post OPB scan, post scan)	H5T_C_S1	
									CCD_line_number	PL2-S09(p60)	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	0-33 : pre scan 34-43 : pre OPB scan 44-45 : pre dummy scan 46-47 : post dummy scan 48-57 : post OPB scan 58-91 : post scan	H5T_C_S1	
11		Pre_post_scan_P2_0	観測補助画像データ (P2 0°)	H5T_STD_U16LE	27167	92			Data_description	AUX raw image data of PL2 0degree (pre scan, pre OPB scan, pre dummy scan, post dummy scan, post OPB scan, post scan)	H5T_C_S1	
									CCD_line_number	PL2-S10(pm0)	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	0-33 : pre scan 34-43 : pre OPB scan 44-45 : pre dummy scan 46-47 : post dummy scan 48-57 : post OPB scan 58-91 : post scan	H5T_C_S1	
12		Pre_post_scan_P2_m60	観測補助画像データ (P2 -60°)	H5T_STD_U16LE	27167	92			Data_description	AUX raw image data of PL2 -60degree (pre scan, pre OPB scan, pre dummy scan, post dummy scan, post OPB scan, post scan)	H5T_C_S1	
									CCD_line_number	PL2-S11(m60)	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	0-33 : pre scan 34-43 : pre OPB scan 44-45 : pre dummy scan 46-47 : post dummy scan 48-57 : post OPB scan 58-91 : post scan	H5T_C_S1	
13		Realtime_PCD	リアルタイムPCDの生データ	H5T_STD_U8LE	4139	256			Data_description	GCOM-C PCD raw data	H5T_C_S1	
									Dim0	Realtime PCD records (1Hz)	H5T_C_S1	
									Dim1	octets	H5T_C_S1	
14	Raw_data/AUX_packet	Raw_packet1	パケット1データ	H5T_STD_U8LE	2	27167	594		Data_description	Packet1 auxiliary Raw data	H5T_C_S1	
									Dim0	P1, P2	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	octets	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
15		Raw_packet_header	パケットヘッダ	H5T_STD_U8LE	2	27167	104		Data_description	Packet header of all packets	H5T_C_S1	
									Dim0	P1, P2	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	octets	H5T_C_S1	
16	Ancillary_data	—	—	—	—	—	—	Data_description	Don't use the record when lack line. (Refer to Data quality flag/Qf Scan)	H5T_C_S1		
16	Ancillary_data/TC_FPGA	Mode_register	モードレジスタ	H5T_STD_U8LE	2	27167			Data_description	Mode register	H5T_C_S1	
									Dim0	P1, P2	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
17		Bord_address_register	ボードアドレスレジスタ	H5T_STD_U8LE	2	27167			Data_description	Board address	H5T_C_S1	
									Dim0	P1, P2	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
18		SD4_PL_ASP_A_B_status	SD4 PL-ASP A系/B系ステータス	H5T_STD_U8LE	2	27167			Data_description	SD4 PL-ASP A/B status 0 : A 1 : B	H5T_C_S1	
									Dim0	P1, P2	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
19		SD3_NP_ASP_A_B_status	SD3 NP-ASP A系/B系ステータス	H5T_STD_U8LE	2	27167			Data_description	SD3 NP-ASP A/B status 0 : A 1 : B	H5T_C_S1	
									Dim0	P1, P2	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
20		SD2_MTR_A_B_status	SD2 MTR A系/B系ステータス	H5T_STD_U8LE	2	27167			Data_description	SD2 MTR A/B status 0 : A 1 : B	H5T_C_S1	
									Dim0	P1, P2	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
21		SD1_HCE_A_B_status	SD1 HCE A系/B系ステータス	H5T_STD_U8LE	2	27167			Data_description	SD1 HCE A/B status 0 : A 1 : B	H5T_C_S1	
									Dim0	P1, P2	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
22		Double_buffer_output_status	バッファステータス	H5T_STD_U8LE	2	27167			Data_description	Double buffer output status 0 : A 1 : B	H5T_C_S1	
									Dim0	P1, P2	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
23		TC_FPGA_ENA_DIS	TC-FPGS ENA/DIS ステータス	H5T_STD_U8LE	2	27167			Data_description	TC-FPGA ENA/DIS 0 : DISABLE 1 : ENABLE	H5T_C_S1	
									Dim0	P1, P2	H5T_C_S1	
									Dim1	lines	H5T_C_S1	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute	備考
24	Ancillary_data/PL_DSP_FPGA	Raw_mode_DSP	生データ切り替えステータス	H5T_STD_U8LE	2	27167			Data_description	DSP status in raw data mode or observation mode 0 : Observation 1 : Raw	H5T_C_S1	
									TLM_info_tlmID	VN0075, VN0085	H5T_C_S1	
									TLM_info_name	VNR PL-1 RAW DAT MODE, VNR PL-2 RAW DAT MODE	H5T_C_S1	
									TLM_info_short_name	V PL-1 RAW MODE SEL, V PL-2 RAW MODE SEL	H5T_C_S1	
									Dim0	P1, P2	H5T_C_S1	
25		DAT_ena_dis_status	観測データEna/Disステータス	H5T_STD_U8LE	2	27167			Data_description	Observation data enable or disable status 0 : Disable 1 : Enable	H5T_C_S1	
									TLM_info_tlmID	VN0076, VN0086	H5T_C_S1	
									TLM_info_name	VNR PL-1 DAT ENA/DIS, VNR PL-2 DAT ENA/DIS	H5T_C_S1	
									TLM_info_short_name	V PL-1 DAT ENA/DIS, V PL-2 DAT ENA/DIS	H5T_C_S1	
									Dim0	P1, P2	H5T_C_S1	
26	Ancillary_data/PL_ASP_telemetry	Line_rate	ラインレート	H5T_STD_U8LE	2	27167	3		Data_description	Selected line rate status The value of -60[degree] is invalid data, refer to 0[degree].	H5T_C_S1	
									Dim0	P1, P2	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	+60, 0, -60	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
27		Shutter_set_band	シャッター設定切替バンド選択	H5T_STD_U8LE	2	27167	3		Data_description	Selected band number in integration time 9 : BAND1(+60) 10 : BAND2(0) 11 : BAND3(-60) The value of 0[degree] is invalid data and needs to be replaced by 10:BAND2(0). The value of integration time is set in Dim2 of /Ancillary_data/PL_ASP_telemetry/Integration_time in order of +60[degree], 0[degree], -60[degree].	H5T_C_S1	
									Dim0	P1, P2	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	+60, 0, -60	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
28		Integration_time	積分時間	H5T_STD_U8LE	2	27167	3		Data_description	Selected Integration time The value of +60[degree] is invalid data, refer to 0[degree].	H5T_C_S1	
									Dim0	P1, P2	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	+60, 0, -60	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
29		t3	蓄積時間t3	H5T_IEEE_F64L	2	27167	3		Data_description	Integration time t3(usec)	H5T_C_S1	
									Dim0	P1, P2	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	+60, 0, -60	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
30	Ancillary_data/PL_ASP_SD	PL_ASP_select	偏光鏡筒指定	H5T_STD_U8LE	2	27167			Data_description	Selected lens telescope name in command 1 : P1 2 : P2 5 : Internal lamp (PD monitor gain) 6 : Internal lamp (LED white on/off) 7 : Internal lamp (LED NIR on/off)	H5T_C_S1	
									TLM_info_tlmID	VN0562	H5T_C_S1	
									TLM_info_name	VNR PL TYPE	H5T_C_S1	
									TLM_info_short_name	V PL SEL	H5T_C_S1	
									Dim0	P1, P2	H5T_C_S1	
31		PL_ASP_mode_status (PL1)	偏光動作切替 (PL1)	H5T_STD_U8LE	2	27167			Data_description	Selected mode of each lens telescope 1 : Wait mode 3 : Observation mode (observation data input) 5 : Observation mode (electrical calibration input)	H5T_C_S1	
									TLM_info_tlmID	VN0563	H5T_C_S1	
									TLM_info_name	VNR PL-1 MODE	H5T_C_S1	
									TLM_info_short_name	V PL-1 MODE	H5T_C_S1	
									Dim0	P1, P2	H5T_C_S1	
32		PL_ASP_mode_status (PL2)	偏光動作切替 (PL2)	H5T_STD_U8LE	2	27167			Data_description	Selected mode of each lens telescope 1 : Wait mode 3 : Observation mode (observation data input) 5 : Observation mode (electrical calibration input)	H5T_C_S1	
									TLM_info_tlmID	VN0564	H5T_C_S1	
									TLM_info_name	VNR PL-2 MODE	H5T_C_S1	
									TLM_info_short_name	V PL-2 MODE	H5T_C_S1	
									Dim0	P1, P2	H5T_C_S1	
33		DET_drive_status (PL1)	DET ON/OFF (PL1)	H5T_STD_U8LE	2	27167			Data_description	Detector CCD drive status 0 : OFF 1 : ON	H5T_C_S1	
									TLM_info_tlmID	VN0565	H5T_C_S1	
									TLM_info_name	VNR PL-1 DET ON/OFF	H5T_C_S1	
									TLM_info_short_name	V PL-1 DET ON/OFF	H5T_C_S1	
									Dim0	P1, P2	H5T_C_S1	
								Dim1	lines	H5T_C_S1		

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute	備考
34		DET_drive_status(PL2)	DET ON/OFF(PL2)	H5T_STD_U8LE	2	27167			Data_description	Detector CCD drive status 0 : OFF 1 : ON	H5T_C_S1	
									TLM_info_tlmID	VN0566	H5T_C_S1	
									TLM_info_name	VNR PL-2 DET ON/OFF	H5T_C_S1	
									TLM_info_short_name	V PL-2 DET ON/OFF	H5T_C_S1	
									Dim0	P1, P2	H5T_C_S1	
35		Electric_cal_level(PL1)	電気校正切替(PL1)	H5T_STD_U8LE	2	27167			Data_description	Electrical calibration signal level status 1 : Level 1 2 : Level 2 3 : Level 3 4 : Level 4 5 : Level 5 6 : Level 6	H5T_C_S1	
									TLM_info_tlmID	VN0569	H5T_C_S1	
									TLM_info_name	VNR PL-1 ELEC CAL LEVEL	H5T_C_S1	
									TLM_info_short_name	V PL-1 ELEC CAL	H5T_C_S1	
									Dim0	P1, P2	H5T_C_S1	
36		Electric_cal_level(PL2)	電気校正切替(PL2)	H5T_STD_U8LE	2	27167			Data_description	Electrical calibration signal level status 1 : Level 1 2 : Level 2 3 : Level 3 4 : Level 4 5 : Level 5 6 : Level 6	H5T_C_S1	
									TLM_info_tlmID	VN0570	H5T_C_S1	
									TLM_info_name	VNR PL-2 ELEC CAL LEVEL	H5T_C_S1	
									TLM_info_short_name	V PL-2 ELEC CAL	H5T_C_S1	
									Dim0	P1, P2	H5T_C_S1	
37		PD_monitor_gain	光量モニタゲイン	H5T_STD_U8LE	2	27167			Data_description	Sun monitor gain 0 : HI gain 1 : LO gain	H5T_C_S1	
									TLM_info_tlmID	VN0573	H5T_C_S1	
									TLM_info_name	VNR PD GAIN HI/LO	H5T_C_S1	
									TLM_info_short_name	V PD GAIN	H5T_C_S1	
									Dim0	P1, P2	H5T_C_S1	
38		LED_white_on_off	白色LED ON/OFF	H5T_STD_U8LE	2	27167			Data_description	White LED ON/OFF status 0 : LED1 OFF / LED2 OFF 1 : LED1 OFF / LED2 ON 2 : LED1 ON / LED2 OFF 3 : LED1 ON / LED2 ON	H5T_C_S1	
									TLM_info_tlmID	VN0574	H5T_C_S1	
									TLM_info_name	VNR VIS-LED ON/OFF	H5T_C_S1	
									TLM_info_short_name	V VIS-LED ON/OFF	H5T_C_S1	
									Dim0	P1, P2	H5T_C_S1	
39		LED_NIR_on_off	近赤外LED ON/OFF	H5T_STD_U8LE	2	27167			Data_description	LED NIR status 0 : LED1 OFF / LED2 OFF 1 : LED1 OFF / LED2 ON 2 : LED1 ON / LED2 OFF 3 : LED1 ON / LED2 ON	H5T_C_S1	
									TLM_info_tlmID	VN0575	H5T_C_S1	
									TLM_info_name	VNR NIR-LED ON/OFF	H5T_C_S1	
									TLM_info_short_name	V NIR-LED ON/OFF	H5T_C_S1	
									Dim0	P1, P2	H5T_C_S1	
40		PD_monitor	光量モニタ	H5T_IEEE_F32L	2	27167	4		Data_description	Sun monitor	H5T_C_S1	
									TLM_info_tlmID	VN0576, VN0577, VN0578, VN0579	H5T_C_S1	
									TLM_info_name	VNR PD MON1, VNR PD MON2, VNR PD MON3, VNR PD MON4	H5T_C_S1	
									TLM_info_short_name	V PD LEV1, V PD LEV2, V PD LEV3, V PD LEV4	H5T_C_S1	
									Minimum valid value	0	H5T_IEEE_F32L	
									Maximum valid value	-999	H5T_IEEE_F32L	
									Dim0	P1, P2	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	monitor1-monitor4	H5T_C_S1	
									Unit	nA	H5T_C_S1	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute	備考									
41		LED_white_current	内部光源駆動電流(白色LED)	H5T_IEEE_F32L	2	27167	2	4	Data_description	LED white current	H5T_C_S1										
									TLM_info_tlmID	VN0580, VN0581, VN0582, VN0583, VN0584, VN0585, VN0586, VN0587	H5T_C_S1										
									TLM_info_name	VNR VIS-LED1-1 CUR, VNR VIS-LED1-2 CUR, VNR VIS-LED1-3 CUR, VNR VIS-LED1-4 CUR, VNR VIS-LED2-1 CUR, VNR VIS-LED2-2 CUR, VNR VIS-LED2-3 CUR, VNR VIS-LED2-4 CUR	H5T_C_S1										
									TLM_info_short_name	V VIS-LED1-1 CUR, V VIS-LED1-2 CUR, V VIS-LED1-3 CUR, V VIS-LED1-4 CUR, V VIS-LED2-1 CUR, V VIS-LED2-2 CUR, V VIS-LED2-3 CUR, V VIS-LED2-4 CUR	H5T_C_S1										
									Minimum_valid_value	0	H5T_IEEE_F32L										
									Maximum_valid_value	80	H5T_IEEE_F32L										
									Dim0	P1, P2	H5T_C_S1										
									Dim1	lines	H5T_C_S1										
									Dim2	white LED1, white LED2	H5T_C_S1										
									Dim3	cur1-cur4	H5T_C_S1										
									Unit	mA	H5T_C_S1										
									42		LED_NIR_current		内部光源駆動電流(近赤外LED)	H5T_IEEE_F32L	2	27167	2	Data_description	LED NIR current	H5T_C_S1	
																		TLM_info_tlmID	VN0588, VN0589	H5T_C_S1	
TLM_info_name	VNR NIR-LED1 CUR, VNR NIR-LED2 CUR	H5T_C_S1																			
TLM_info_short_name	V NIR-LED1 CUR, V NIR-LED2 CUR	H5T_C_S1																			
Minimum_valid_value	0	H5T_IEEE_F32L																			
Maximum_valid_value	120	H5T_IEEE_F32L																			
Dim0	P1, P2	H5T_C_S1																			
Dim1	lines	H5T_C_S1																			
Dim2	NIR LED1 NIR LED2	H5T_C_S1																			
Unit	mA	H5T_C_S1																			
43		LED_white_temperature	白色LED用温度モニタ	H5T_IEEE_F32L	2	27167	2	Data_description				LED white temperature						H5T_C_S1			
								TLM_info_tlmID				VN0590, VN0591						H5T_C_S1			
								TLM_info_name				VNR VIS-LED TMP1, VNR VIS-LED TMP2						H5T_C_S1			
								TLM_info_short_name	V VIS-LED TMP1, V VIS-LED TMP2	H5T_C_S1											
								Minimum_valid_value	0	H5T_IEEE_F32L											
								Maximum_valid_value	60	H5T_IEEE_F32L											
								Dim0	P1, P2	H5T_C_S1											
								Dim1	lines	H5T_C_S1											
								Dim2	LED1 monitor, LED2 monitor	H5T_C_S1											
								Unit	degree C	H5T_C_S1											
								44		LED_NIR_temperature	近赤外用温度モニタ	H5T_IEEE_F32L	2	27167	2	Data_description	LED NIR temperature	H5T_C_S1			
																TLM_info_tlmID	VN0592, VN0593	H5T_C_S1			
																TLM_info_name	VNR NIR-LED TMP1, VNR NIR-LED TMP2	H5T_C_S1			
TLM_info_short_name	V NIR-LED TMP1, V NIR-LED TMP2	H5T_C_S1																			
Minimum_valid_value	0	H5T_IEEE_F32L																			
Maximum_valid_value	60	H5T_IEEE_F32L																			
Dim0	P1, P2	H5T_C_S1																			
Dim1	lines	H5T_C_S1																			
Dim2	LED1 monitor, LED2 monitor	H5T_C_S1																			
Unit	degree C	H5T_C_S1																			
45		PD_monitor_temperature	光量モニタ用温度モニタ	H5T_IEEE_F32L	2	27167	Data_description									Sun monitor temperature	H5T_C_S1				
							TLM_info_tlmID									VN0594	H5T_C_S1				
							TLM_info_name									VNR PD TMP	H5T_C_S1				
							TLM_info_short_name	V PD TMP	H5T_C_S1												
							Minimum_valid_value	0	H5T_IEEE_F32L												
							Maximum_valid_value	60	H5T_IEEE_F32L												
							Dim0	P1, P2	H5T_C_S1												
							Dim1	lines	H5T_C_S1												
							Unit	degree C	H5T_C_S1												
							46		CCD_temperature(PL1)	CCD温度モニタ(PL1)	H5T_IEEE_F32L	2	27167	2	Data_description	CCD temperature	H5T_C_S1				
															TLM_info_tlmID	VN0595, VN0596	H5T_C_S1				
															TLM_info_name	VNR PL CCD TMP1, VNR PL CCD TMP2	H5T_C_S1				
															TLM_info_short_name	V PL CCD TMP1, V PL CCD TMP2	H5T_C_S1				
Minimum_valid_value	0	H5T_IEEE_F32L																			
Maximum_valid_value	60	H5T_IEEE_F32L																			
Dim0	P1, P2	H5T_C_S1																			
Dim1	lines	H5T_C_S1																			
Dim2	temp1, temp2	H5T_C_S1																			
Unit	degree C	H5T_C_S1																			
47		CCD_temperature(PL2)	CCD温度モニタ(PL2)	H5T_IEEE_F32L	2	27167									2	Data_description	CCD temperature	H5T_C_S1			
																TLM_info_tlmID	VN0597, VN0598	H5T_C_S1			
																TLM_info_name	VNR PL CCD TMP3, VNR PL CCD TMP4	H5T_C_S1			
							TLM_info_short_name	V PL CCD TMP3, V PL CCD TMP4	H5T_C_S1												
							Minimum_valid_value	0	H5T_IEEE_F32L												
							Maximum_valid_value	60	H5T_IEEE_F32L												
							Dim0	P1, P2	H5T_C_S1												
							Dim1	lines	H5T_C_S1												
							Dim2	temp3, temp4	H5T_C_S1												
							Unit	degree C	H5T_C_S1												
							48	Ancillary_data/MTR_SD	Diffuser_pulse_count	拡散板パルスカウント	H5T_IEEE_F32L	2	27167	Data_description		Steer angle of scatter diffuser	H5T_C_S1				
														TLM_info_tlmID		VN0668	H5T_C_S1				
														TLM_info_name		VNR DIF PLS(ANG)	H5T_C_S1				
TLM_info_short_name	V DIF PLS CNT(ANG)	H5T_C_S1																			
Minimum_valid_value	-175	H5T_IEEE_F32L																			
Maximum_valid_value	45	H5T_IEEE_F32L																			
Dim0	P1, P2	H5T_C_S1																			
Dim1	lines	H5T_C_S1																			
Unit	degree	H5T_C_S1																			

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute	備考
49		Diffuser_status	拡散板駆動ステータス	H5T_STD_U8LE	2	27167			Data_description	Status of scatter diffuser 0 : Stop 1 : Drive	H5T_C_S1	
									TLM_info_tlmID	VN0603	H5T_C_S1	
									TLM_info_name	VNR DIF MOVE ST	H5T_C_S1	
									TLM_info_short_name	V DIF MOVE ST	H5T_C_S1	
									Dim0	P1, P2	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
50		Tilt_status	チルト駆動ステータス	H5T_STD_U8LE	2	27167			Data_description	Status of tilt 0 : Stop 1 : Drive	H5T_C_S1	
									TLM_info_tlmID	VN0628	H5T_C_S1	
									TLM_info_name	VNR TLT MOVE ST	H5T_C_S1	
									TLM_info_short_name	V TILT MOVE ST	H5T_C_S1	
									Dim0	P1, P2	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
51		Tilt_angle	チルト角 (バルスカウント算出)	H5T_IEEE_F32L	2	27167			Data_description	Tilt angle of VNR-PL lens telescope	H5T_C_S1	
									TLM_info_tlmID	VN0669	H5T_C_S1	
									TLM_info_name	VNR TLT PLS (ANG)	H5T_C_S1	
									TLM_info_short_name	V TLT PLS CNT (ANG)	H5T_C_S1	
									Minimum_valid_value	-90	H5T_IEEE_F32L	
									Maximum_valid_value	90	H5T_IEEE_F32L	
									Dim0	P1, P2	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Unit	degree	H5T_C_S1	
									Unit	degree	H5T_C_S1	
52		Tilt_angle_resolver	チルト角 (レゾルバカウント算出)	H5T_IEEE_F32LE	2	27167			Data_description	Tilt angle from resolver count of VNR-PL lens telescope	H5T_C_S1	
									TLM_info_tlmID	VN0638	H5T_C_S1	
									TLM_info_name	VNR TLT RESE DAT	H5T_C_S1	
									TLM_info_short_name	V TLT RESE DAT	H5T_C_S1	
									Minimum_valid_value	-90	H5T_IEEE_F32L	
									Maximum_valid_value	90	H5T_IEEE_F32L	
									Dim0	P1, P2	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Unit	degree	H5T_C_S1	
									Unit	degree	H5T_C_S1	
53	Ancillary_data/HCE_SD	HCE_temperature	HCE センサ計測温度	H5T_IEEE_F64L	2	27167	64		Data_description	HCE sensor temperature	H5T_C_S1	
									TLM_info_tlmID	VN0345-VN0408	H5T_C_S1	
									TLM_info_name	VNR HCE CH1 TMP-VNR HCE CH1 TMP	H5T_C_S1	
									TLM_info_short_name	V HCE TMP NUM1-V HCE TMP NUM64	H5T_C_S1	
									Minimum_valid_value	0	H5T_IEEE_F64L	
									Maximum_valid_value	-999	H5T_IEEE_F64L	
									Dim0	P1, P2	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	templ-temp64	H5T_C_S1	
									Unit	degree C	H5T_C_S1	
	Converted_PCD	---	---	---	---	---	---	---	Worst_orbit_source	0	H5T_STD_U8LE	
									Worst_orbit_source_data_description	Source of orbit data(GPS_position_ECR, GPS_velocity_ECR, GPS_position_ECI, GPS_velocity_ECI, Argument_of_latitude) 0 : Realtime PCD 1 : Decision Ephemeris 2 : Prediction Ephemeris	H5T_C_S1	
									Worst_attitude_source	0	H5T_STD_U8LE	
									Worst_attitude_source_data_description	Source of attitude data(Attitude_time, Attitude_error_angle, Attitude_angular_velocity, Attitude_flag, Quaternion, Quaternion_index, Quaternion_number) 0 : Realtime PCD (Quaternion) 1 : Realtime PCD (Eular angle) 2 : Nominal	H5T_C_S1	
54		Navigation_time	GPS航法時刻 [GPS]	H5T_IEEE_F64LE	4139				Data_description	GPS navigation time	H5T_C_S1	
									Epoch time	19800106 00:00:00	H5T_C_S1	
									Dim0	orbit records (1Hz)	H5T_C_S1	
									Unit	sec	H5T_C_S1	
55		GPS_position_ECR	GPS衛星位置 (WGS84座標系)	H5T_IEEE_F32LE	4139	3			Data_description	GCOM-C position calculated by GPS	H5T_C_S1	
									Coordinate system	WGS84	H5T_C_S1	
									Dim0	orbit records (1Hz)	H5T_C_S1	
									Dim1	x, y, z	H5T_C_S1	
									Unit	km	H5T_C_S1	
56		GPS_velocity_ECR	GPS衛星速度 (WGS84座標系)	H5T_IEEE_F32LE	4139	3			Data_description	GCOM-C velocity calculated by GPS	H5T_C_S1	
									Coordinate system	WGS84	H5T_C_S1	
									Dim0	orbit records (1Hz)	H5T_C_S1	
									Dim1	Vx, Vy, Vz	H5T_C_S1	
									Unit	km/s	H5T_C_S1	
57		GPS_position_ECI	GPS衛星位置 (J2000座標系)	H5T_IEEE_F32LE	4139	3			Data_description	GCOM-C position calculated by GPS	H5T_C_S1	
									Coordinate system	J2000	H5T_C_S1	
									Dim0	orbit records (1Hz)	H5T_C_S1	
									Dim1	x, y, z	H5T_C_S1	
58		GPS_velocity_ECI	GPS衛星速度 (J2000座標系)	H5T_IEEE_F32LE	4139	3			Data_description	GCOM-C velocity calculated by GPS	H5T_C_S1	
									Coordinate system	J2000	H5T_C_S1	
									Dim0	orbit records (1Hz)	H5T_C_S1	
									Dim1	Vx, Vy, Vz	H5T_C_S1	
									Unit	km/s	H5T_C_S1	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute	備考
59		Argument_of_latitude	緯度引数(WGS84座標系)[真緯度引数]	H5T_IEEE_F32LE	4139				Data_description	Argument of latitude (true anomaly)	H5T_C_S1	
									Coordinate system	WGS84	H5T_C_S1	
									Dim0	orbit records (1Hz)	H5T_C_S1	
									Unit	degree	H5T_C_S1	
60		Navigation_status	航法ステータス	H5T_STD_U32LE	4139				Data_description	Navigation status	H5T_C_S1	
									Bit00 (LSB)-01	navigation status 00 : Stop 01 : AG filter 10 : Kalman filter 11 : Kalman filter (Convergence)	H5T_C_S1	
									Bit02-07	spare	H5T_C_S1	
									Bit08-09	antenna (CH1) 00 : Not use 01 : GPSR-A 10 : GPSR-B 11 : N/A	H5T_C_S1	
									Bit10-11	antenna (CH2) 00 : Not use 01 : GPSR-A 10 : GPSR-B 11 : N/A	H5T_C_S1	
									Bit12-13	antenna (CH3) 00 : Not use 01 : GPSR-A 10 : GPSR-B 11 : N/A	H5T_C_S1	
									Bit14-15	antenna (CH4) 00 : Not use 01 : GPSR-A 10 : GPSR-B 11 : N/A	H5T_C_S1	
									Bit16-17	antenna (CH5) 00 : Not use 01 : GPSR-A 10 : GPSR-B 11 : N/A	H5T_C_S1	
									Bit18-19	antenna (CH6) 00 : Not use 01 : GPSR-A 10 : GPSR-B 11 : N/A	H5T_C_S1	
									Bit20-21	antenna (CH7) 00 : Not use 01 : GPSR-A 10 : GPSR-B 11 : N/A	H5T_C_S1	
									Bit22-23	antenna (CH8) 00 : Not use 01 : GPSR-A 10 : GPSR-B 11 : N/A	H5T_C_S1	
61		Attitude_time	姿勢決定時刻[GPS]	H5T_IEEE_F64LE	4139				Dim0	Realtime PCD records (1Hz)	H5T_C_S1	
									Data_description	Time when attitude determined	H5T_C_S1	
									Epoch_time	19800106 00:00:00	H5T_C_S1	
									Dim0	attitude records (1Hz)	H5T_C_S1	
62		Attitude_error_angle	姿勢誤差 [軌道面座標系]	H5T_IEEE_F32LE	4139	3			Unit	sec	H5T_C_S1	
									Data_description	Attitude error	H5T_C_S1	
									Dim0	attitude records (1Hz)	H5T_C_S1	
									Dim1	Roll, Pitch, Yaw	H5T_C_S1	
63		Attitude_angular_velocity	姿勢角速度 [軌道面座標系]	H5T_IEEE_F32LE	4139	3			Unit	degree/sec	H5T_C_S1	
									Data_description	Attitude angular velocity	H5T_C_S1	
									Dim0	attitude records (1Hz)	H5T_C_S1	
									Dim1	Roll, Pitch, Yaw	H5T_C_S1	
64		Attitude_flag	姿勢フラグ	H5T_STD_U8LE	4139				Unit	degree/sec	H5T_C_S1	
									Data_description	Quaternion usable / unusable flag 0 : ESA/IRU (quaternion unusable) 1 : STT/IRU (quaternion usable) 255 : Error value	H5T_C_S1	
									Dim0	attitude records (1Hz)	H5T_C_S1	
									Dim1	Maximum number of quaternions (unusable area is stored with indefinite value)	H5T_C_S1	
65		Quaternion	クォータニオン	H5T_IEEE_F32LE	4139	11	4		Error_value	-999.99	H5T_IEEE_F32LE	
									Data_description	Quaternion(9-11 data per sec)	H5T_C_S1	
									Dim0	attitude records (1Hz)	H5T_C_S1	
									Dim1	Maximum number of quaternions (unusable area is stored with indefinite value)	H5T_C_S1	
								Dim2	q1, q2, q3, q4(scalar)	H5T_C_S1		

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute	備考										
66		Quaternion_index	姿勢決定時刻インデックス	H5T_STD_U8LE	4139				Data_description	Quaternion index (0-10) corresponds to "Att_time"	H5T_C_S1											
									Error_value	255	H5T_STD_U8LE											
									Minimum_valid_value	0	H5T_STD_U8LE											
									Maximum_valid_value	10	H5T_STD_U8LE											
67		Quaternion_number	クォータニオンの有効数	H5T_STD_U8LE	4139				Dim0	attitude records (1Hz)	H5T_C_S1											
									Data_description	Available number of quaternion	H5T_C_S1											
									Error_value	255	H5T_STD_U8LE											
									Minimum_valid_value	9	H5T_STD_U8LE											
68		AOCS_mode	AOCS制御モード	H5T_STD_U8LE	4139				Data_description	AOCS(Attitude and Orbit Control System) control mode	H5T_C_S1											
									Bit00 (LSB)-07	Control Mode / Control Sub Mode 01110000 : Normal control / Not execute unloading 01110001 : Normal control / Execute magnetic unloading 01110010 : Normal control / Execute thruster unloading 10000000 : Orbit control / Attitude control thruster Delta-V (pitch and yaw-failure) 10000001 : Orbit control / Orbit control thruster (normal) 10000010 : Orbit control / Orbit control thruster Delta-V (pitch-failure) 10000011 : Orbit control / Orbit control thruster Delta-V (yaw-failure) 10000100 : Orbit control / Attitude control thruster(Three axis stabilized attitude control) 10000101 : Orbit control / Delta-V Idling 10000110 : Orbit control / Yaw around (first half) 10000111 : Orbit control / Yaw around (last half) 10010000 : Calibration Maneuver / Solar calibration or Gain deviation maneuver(First maneuver) 10010001 : Calibration Maneuver / Solar calibration or Gain deviation maneuver(Second maneuver) 10010010 : Calibration Maneuver / Solar calibration or Gain deviation maneuver(Third maneuver) 10010011 : Calibration Maneuver / Lunar calibration maneuver(First maneuver) 10010100 : Calibration Maneuver / Lunar calibration maneuver(Second maneuver) 10010101 : Calibration Maneuver / Lunar calibration maneuver(Third maneuver) Others : Not defined	H5T_C_S1											
									Error_value	255	H5T_C_S1											
									Dim0	Realtime PCD records (1Hz)	H5T_C_S1											
									69		Orbit_source		軌道情報の源泉種別	H5T_STD_U8LE	4139				Data_description	Source of orbit data(GPS_position_ECR, GPS_velocity_ECR, GPS_position_ECI, GPS_velocity_ECI, Argument_of_latitude) 0 : Realtime PCD 1 : Decision Ephemeris 2 : Prediction Ephemeris	H5T_C_S1	
																			Dim0	orbit records (1Hz)	H5T_C_S1	
									70		Attitude_source		姿勢情報の源泉種別	H5T_STD_U8LE	4139				Data_description	Source of attitude data(Attitude_time, Attitude_error_angle, Attitude_angular_velocity, Attitude_flag, Quaternion, Quaternion_index, Quaternion_number) 0 : Realtime PCD (Quaternion) 1 : Realtime PCD (Eular angle) 2 : Nominal	H5T_C_S1	
																			Dim0	attitude records (1Hz)	H5T_C_S1	
									Geometry_parameter													
									71		Sensor_position		センサの視線原点の位置 [衛星固定座標系]	H5T_IEEE_F64LE	2	3			Geometry_parameter_version	0002	H5T_C_S1	
Data_description	Sensor base position	H5T_C_S1																				
Dim0	P1, P2	H5T_C_S1																				
Dim1	x, y, z	H5T_C_S1																				
72		GPSR_position	GPSR位置[衛星固定座標系]	H5T_IEEE_F64LE	2	3			Data_description	GPSR position	H5T_C_S1											
									Dim0	Antenna-A, Antenna-B	H5T_C_S1											
									Dim1	x, y, z	H5T_C_S1											
									Unit	mm	H5T_C_S1											
73		Sensor_alignment	取付アライメント	H5T_IEEE_F64LE	2	3	3		Data_description	Sensor alignment	H5T_C_S1											
									Dim0	P1, P2	H5T_C_S1											
									Dim1	Rows	H5T_C_S1											
									Dim2	Columns	H5T_C_S1											
74		Primary_change_rate	一次変化率	H5T_IEEE_F64LE	2	3			Unit	N/A	H5T_C_S1											
									Data_description	Primary change rate	H5T_C_S1											
									Dim0	P1, P2	H5T_C_S1											
									Dim1	lx, ly, lz	H5T_C_S1											
								Unit	radian/day	H5T_C_S1												

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute	備考
75		Exponential_amplitude	指数項振幅	H5T_IEEE_F64LE	2	3			Data_description	Exponential term amplitude	H5T_C_S1	
									Dim0	P1, P2	H5T_C_S1	
									Dim1	Ax, Ay, Az	H5T_C_S1	
									Unit	N/A	H5T_C_S1	
76		Exponential_time_constant	指数項時定数	H5T_IEEE_F64LE	2				Data_description	Exponential term time constant	H5T_C_S1	
									Dim0	P1, P2	H5T_C_S1	
									Unit	day	H5T_C_S1	
77		Long_period	長周期(長周期バイアス変動)	H5T_IEEE_F64LE	2				Data_description	Long round period	H5T_C_S1	
									Epoch_time	20000101	H5T_C_S1	
									Dim0	P1, P2	H5T_C_S1	
									Unit	day	H5T_C_S1	
78		Long_fourier_coef	フーリエ級数係数(長周期バイアス変動)	H5T_IEEE_F64LE	2	6	8		Data_description	Fourier series coefficient (Long round period)	H5T_C_S1	
									Dim0	P1, P2	H5T_C_S1	
									Dim1	ax, bx, ay, by, az, bz	H5T_C_S1	
									Dim2	degree1-degree8	H5T_C_S1	
									Unit	N/A	H5T_C_S1	
79		Orbit_period	軌道周期(熱歪軌道周回変動)	H5T_IEEE_F64LE	2				Data_description	Orbit period	H5T_C_S1	
									Dim0	P1, P2	H5T_C_S1	
									Unit	min	H5T_C_S1	
80		Orbit_fourier_coef	フーリエ級数係数(熱歪軌道周回変動)	H5T_IEEE_F64LE	2	6	8		Data_description	Fourier series coefficient (Orbit period)	H5T_C_S1	
									Dim0	P1, P2	H5T_C_S1	
									Dim1	ax, bx, ay, by, az, bz	H5T_C_S1	
									Dim2	degree1-degree8	H5T_C_S1	
									Unit	N/A	H5T_C_S1	
81		Tilt_axis	チルト駆動軸のベクトル(α, β, γ)	H5T_IEEE_F64LE	3				Data_description	PL telescope tilt drive axis	H5T_C_S1	
									Dim0	alpha, beta, gamma	H5T_C_S1	
									Unit	N/A	H5T_C_S1	
82		Tilt_error_coef	チルト機構の誤差角の多項式係数	H5T_IEEE_F64LE	5				Data_description	Tilt angle error correct coefficient	H5T_C_S1	
									Dim0	A0-A4	H5T_C_S1	
									Unit	N/A	H5T_C_S1	
83		Tilt_coef	チルト機構の誤差角の多項式係数	H5T_IEEE_F64LE	2	3	8		Data_description	Tilt coefficient	H5T_C_S1	
									Dim0	P1, P2	H5T_C_S1	
									Dim1	Mx, My, Mz	H5T_C_S1	
									Dim2	degree1-degree8	H5T_C_S1	
									Unit	N/A	H5T_C_S1	
84		Geo_opt_P1	画素視線ベクトル要素(P1)[センサ基準座標系]	H5T_IEEE_F64LE	3	2	6		Data_description	CCD sensor vector parameter (P1)	H5T_C_S1	
									Dim0	+60, 0, -60	H5T_C_S1	
									Dim1	theta-x, theta-y	H5T_C_S1	
									Dim2	A0-A5	H5T_C_S1	
									Unit	N/A	H5T_C_S1	
85		Geo_opt_P2	画素視線ベクトル要素(P2)[センサ基準座標系]	H5T_IEEE_F64LE	3	2	6		Data_description	CCD sensor vector parameter (P2)	H5T_C_S1	
									Dim0	+60, 0, -60	H5T_C_S1	
									Dim1	theta-x, theta-y	H5T_C_S1	
									Dim2	A0-A5	H5T_C_S1	
									Unit	N/A	H5T_C_S1	
86	Radiometric_parameter	Offset_prepost_P1_m60	Pre/Post・スキャン/OPBから求める分光放射輝度算出用オフセット(P1)-60°	H5T_IEEE_F32LE	27167				Data_description	Radiometric offset parameter from pre/post scan/OPB	H5T_C_S1	
									Dim0	lines	H5T_C_S1	
									Unit	Count	H5T_C_S1	
87		Offset_prepost_P1_0	Pre/Post・スキャン/OPBから求める分光放射輝度算出用オフセット(P1)0°	H5T_IEEE_F32LE	27167				Data_description	Radiometric offset parameter from pre/post scan/OPB	H5T_C_S1	
									Dim0	lines	H5T_C_S1	
									Unit	Count	H5T_C_S1	
88		Offset_prepost_P1_p60	Pre/Post・スキャン/OPBから求める分光放射輝度算出用オフセット(P1)60°	H5T_IEEE_F32LE	27167				Data_description	Radiometric offset parameter from pre/post scan/OPB	H5T_C_S1	
									Dim0	lines	H5T_C_S1	
									Unit	Count	H5T_C_S1	
89		Offset_prepost_P2_m60	Pre/Post・スキャン/OPBから求める分光放射輝度算出用オフセット(P2)-60°	H5T_IEEE_F32LE	27167				Data_description	Radiometric offset parameter from pre/post scan/OPB	H5T_C_S1	
									Dim0	lines	H5T_C_S1	
									Unit	Count	H5T_C_S1	
90		Offset_prepost_P2_0	Pre/Post・スキャン/OPBから求める分光放射輝度算出用オフセット(P2)0°	H5T_IEEE_F32LE	27167				Data_description	Radiometric offset parameter from pre/post scan/OPB	H5T_C_S1	
									Dim0	lines	H5T_C_S1	
									Unit	Count	H5T_C_S1	
91		Offset_prepost_P2_p60	Pre/Post・スキャン/OPBから求める分光放射輝度算出用オフセット(P2)60°	H5T_IEEE_F32LE	27167				Data_description	Radiometric offset parameter from pre/post scan/OPB	H5T_C_S1	
									Dim0	lines	H5T_C_S1	
									Unit	Count	H5T_C_S1	
92	Data_quality_flag	Qf_scan	スキャン品質フラグ	H5T_STD_U8LE	6	27167			Data_description	Quality flag of each scan	H5T_C_S1	
									Dim0	P1:+60, 0, -60, P2:+60, 0, -60	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Bit00(LSB)-002	Quality flag 000 : Normal line 001 : Lack line 011 : Lack line (1km/500m->250m or 1km->500m) 100 : Lack line (for calibration) 101 : Lack line (for synchronization between sensors) 010 : Resampling line (250m->1km/500m) 110 : Resampling line (500m->1km) 111 : Mixed line (000, 001, 011, 100, 101, 010, 110)	H5T_C_S1	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute	備考
93		Qf_data	データ品質フラグ	H5T_STD_U16LE	27167	857			Data_description	Quality flag of each pixel	H5T_C_S1	
									Bit00 (LSB) -Bit05	Stray-light quantity flag P1_m60 P1_0 P1_p60 P2_m60 P2_0 P2_p60 0 : Less than threshold 1 : More than threshold	H5T_C_S1	
									Bit06-Bit11	joint surface on polarization filter effect to stray-light correction P1_m60 P1_0 P1_p60 P2_m60 P2_0 P2_p60 0 : Not affect 1 : Affect	H5T_C_S1	
									Dim0	lines	H5T_C_S1	
94		Qf_data_filter	偏光フィルタの接合面無効値フラグ	H5T_STD_U8LE	27167	857			Data_description	Data invalid flag of joint surface on polarization filter	H5T_C_S1	
									Bit00 (LSB) -Bit05	P1_m60 P1_0 P1_p60 P2_m60 P2_0 P2_p60 0 : Not joint surface 1 : Joint surface	H5T_C_S1	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
95		Qf_data_stray	迷光補正量	H5T_STD_U8LE	27167	857			Data_description	This dataset isn't used.	H5T_C_S1	
									Band_width	0	H5T_IEEE_F32L	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	0	H5T_IEEE_F32L	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	1503.605	H5T_IEEE_F32L	
									Band_weighted_TOA_solar_irradiance_unit	W/m ² /um	H5T_C_S1	
									Error_DN	255	H5T_STD_U8LE	
									Maximum_valid_DN	254	H5T_STD_U8LE	
									Minimum_valid_DN	0	H5T_STD_U8LE	
									Saturation_radiance	0.0	H5T_IEEE_F32L	
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1	
									Spatial_resolution	1000.0	H5T_IEEE_F32L	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	W/m ² /um/sr	H5T_C_S1	
									Slope	0.007	H5T_IEEE_F32L	
									Offset	0	H5T_IEEE_F32L	
Channel		H5T_C_S1										
96		Qf_GPS	GPSの受信状況	H5T_STD_U8LE	4139				Data_description	Quality flag of GPS 0 : GPS time standard 1 : DMS time standard 255 : Error value	H5T_C_S1	
									Dim0	orbit records (1Hz)	H5T_C_S1	
97		Qf_sc_position	衛星の位置の品質フラグ	H5T_STD_U8LE	4139				Data_description	Quality flag of GCOM-C position 0 : Normal 1 : Satellite position value falls outside the normal range(or Error value)	H5T_C_S1	
									Dim0	orbit records (1Hz)	H5T_C_S1	
98		Qf_sc_velocity	衛星の速度の品質フラグ	H5T_STD_U8LE	4139				Data_description	Quality flag of GCOM-C velocity 0 : Normal 1 : Satellite velocity value falls outside the normal range(or Error value)	H5T_C_S1	
									Dim0	orbit records (1Hz)	H5T_C_S1	
99		Qf_sc_attitude_quaternion	衛星の姿勢 (クォータニオン) の品質フラグ	H5T_STD_U8LE	4139				Data_description	Quality flag of GCOM-C quaternion 0 : Normal 1 : Abnormal(or Error value)	H5T_C_S1	
									Dim0	attitude records (1Hz)	H5T_C_S1	
100		Qf_sc_attitude_eular_angle	衛星の姿勢 (オイラー角) の品質フラグ	H5T_STD_U8LE	4139				Data_description	Quality flag of GCOM-C eular angle 0 : Normal 1 : Abnormal(or Error value)	H5T_C_S1	
									Dim0	attitude records (1Hz)	H5T_C_S1	
101		Qf_sc_status	衛星の状態を示すフラグ	H5T_STD_U8LE	4139				Data_description	Quality flag of GCOM-C status 0 : Normal 1 : Possibly less accurate around maneuver or tilt	H5T_C_S1	
									Dim0	orbit records (1Hz)	H5T_C_S1	
102		Qf_sun_calibration	太陽光校正フラグ	H5T_STD_U8LE	27167				Data_description	Quality flag of Sun calibration 0 : Not Sun calibration 1 : Sun calibration 2 : Sun calibration(Solar elevation value falls outside the normal range)	H5T_C_S1	
									Dim0	lines	H5T_C_S1	
103		Qf_internal_lamp_calibration	内部光源校正フラグ	H5T_STD_U8LE	27167				Data_description	Quality flag of internal lamp calibration 0 : Not internal lamp calibration 1 : Internal lamp calibration	H5T_C_S1	
									Dim0	lines	H5T_C_S1	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute	備考
104		QF_electric_calibration	電気校正フラグ	H5T_STD_U8LE	27167				Data_description	Quality flag of electrical calibration 0 : Not electrical calibration 1 : Electrical calibration 2 : Indefinite	H5T_C_S1	
									Dim0	lines	H5T_C_S1	
105		QF_maneuver	マヌーバ校正フラグ	H5T_STD_U8LE	27167				Data_description	Quality flag of maneuver 0 : Not maneuver 1 : Not maneuver(out of range) 11 : Maneuver(Moon, out of range) 12 : Maneuver(Moon, in of range) 13 : Maneuver(Moon, indefinite) 21 : Maneuver(Sun/Gain deviation) 22 : Maneuver(Sun/Gain deviation, indefinite) 31 : Orbit Control Mode(STT/IRU) 32 : Orbit Control Mode(STT/IRU, indefinite) 33 : Orbit Control Mode(not STT/IRU) 34 : Orbit Control Mode(not STT/IRU, indefinite) 255 : AOCs Control Mode Error value(nominal attitude)	H5T_C_S1	
									Dim0	lines	H5T_C_S1	
106		QF_shutter_set	積分時間不定フラグ	H5T_STD_U8LE	27167				Data_description	Quality flag of shutter set 0 : Normal 1 : indefinite	H5T_C_S1	
									Dim0	lines	H5T_C_S1	
107		QF_tilt_angle	チルト角の品質フラグ	H5T_STD_U8LE	27167				Data_description	Quality flag of tilt angle 0 : Normal 1 : tilt angle value falls outside the normal range	H5T_C_S1	
									Dim0	lines	H5T_C_S1	
108		QF_CCD_temperature_VN	CCD温度の品質フラグ (NP)	H5T_STD_U8LE	27167				Data_description	Quality flag of CCD temperature (VNR-NP)	H5T_C_S1	
									Bit00 (LSB)	temperature1 (Left lens telescope) 0 : Normal 1 : CCD temperature falls outside the normal range	H5T_C_S1	
									Bit01	temperature2 (Left lens telescope) 0 : Normal 1 : CCD temperature falls outside the normal range	H5T_C_S1	
									Bit02	temperature1 (Nadir lens telescope) 0 : Normal 1 : CCD temperature falls outside the normal range	H5T_C_S1	
									Bit03	temperature2 (Nadir lens telescope) 0 : Normal 1 : CCD temperature falls outside the normal range	H5T_C_S1	
									Bit04	temperature1 (Right lens telescope) 0 : Normal 1 : CCD temperature falls outside the normal range	H5T_C_S1	
									Bit05	temperature2 (Right lens telescope) 0 : Normal 1 : CCD temperature falls outside the normal range	H5T_C_S1	
									Dim0	lines	H5T_C_S1	
109		QF_CCD_temperature_PL	CCD温度の品質フラグ (PL)	H5T_STD_U8LE	27167				Data_description	Quality flag of CCD temperature (VNR-PL)	H5T_C_S1	
									Bit00 (LSB)	temperature1 (P1) 0 : Normal 1 : CCD temperature falls outside the normal range	H5T_C_S1	
									Bit01	temperature2 (P1) 0 : Normal 1 : CCD temperature falls outside the normal range	H5T_C_S1	
									Bit02	temperature1 (P2) 0 : Normal 1 : CCD temperature falls outside the normal range	H5T_C_S1	
									Bit03	temperature2 (P2) 0 : Normal 1 : CCD temperature falls outside the normal range	H5T_C_S1	
									Dim0	lines	H5T_C_S1	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute	備考
110		Qf_LED_temperature	LED温度の品質フラグ	H5T_STD_U8LE	27167				Data_description	Quality flag of LED	H5T_C_S1	
									Bit00 (LSB)	temperature (white LED1) 0 : Normal 1 : LED temperature falls outside the normal range	H5T_C_S1	
									Bit01	temperature (white LED2) 0 : Normal 1 : LED temperature falls outside the normal range	H5T_C_S1	
									Bit02	temperature (NIR LED1) 0 : Normal 1 : LED temperature falls outside the normal range	H5T_C_S1	
									Bit03	temperature (NIR LED2) 0 : Normal 1 : LED temperature falls outside the normal range	H5T_C_S1	
111		Qf_ASP_temperature	ASP温度の品質フラグ	H5T_STD_U8LE	27167				Dim0	lines	H5T_C_S1	
									Data_description	Quality flag of ASP temperature	H5T_C_S1	
112		Qf_sun_monitor_temperature	光量モニタの品質フラグ	H5T_STD_U8LE	27167				Bit00 (LSB)	ASP temperature 0 : Normal 1 : ASP temperature falls outside the normal range	H5T_C_S1	
									Data_description	Quality flag of sun monitor temperature	H5T_C_S1	
113		Qf_diffuser	拡散板の品質フラグ	H5T_STD_U8LE	27167				Bit00-Bit03	monitor1-monitor4 0 : Normal 1 : Sun monitor value falls outside the normal	H5T_C_S1	
									Data_description	Quality flag of scatter diffuser angle 0 : Normal 1 : Scatter diffuser angle falls outside the normal range	H5T_C_S1	
114		Qf_offset	オフセット値の算出フラグ 分光放射輝度算出に使用したオフセット値の品質フラグ	H5T_STD_U16LE	27167				Dim0	lines	H5T_C_S1	
									Data_description	Quality flag of offset	H5T_C_S1	
									Bit00 (LSB)	P1 +60degree 0 : Good precision 1 : Bad precision	H5T_C_S1	
									Bit01	P1 0degree 0 : Good precision 1 : Bad precision	H5T_C_S1	
									Bit02	P1 -60degree 0 : Good precision 1 : Bad precision	H5T_C_S1	
									Bit03	P2 +60degree 0 : Good precision 1 : Bad precision	H5T_C_S1	
									Bit04	P2 0degree 0 : Good precision 1 : Bad precision	H5T_C_S1	
115		Qf_gain	ゲイン値の算出フラグ 分光放射輝度算出に使用したゲイン値の品質フラグ	H5T_STD_U16LE	27167				Dim0	lines	H5T_C_S1	
									Data_description	Quality flag of gain	H5T_C_S1	
									Bit00 (LSB)	P1 +60degree 0 : Good precision 1 : Bad precision	H5T_C_S1	
									Bit01	P1 0degree 0 : Good precision 1 : Bad precision	H5T_C_S1	
									Bit02	P1 -60degree 0 : Good precision 1 : Bad precision	H5T_C_S1	
									Bit03	P2 +60degree 0 : Good precision 1 : Bad precision	H5T_C_S1	
									Bit04	P2 0degree 0 : Good precision 1 : Bad precision	H5T_C_S1	
Bit05	P2 -60degree 0 : Good precision 1 : Bad precision	H5T_C_S1										
								Dim0	lines	H5T_C_S1		

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute	備考							
116		Saturation_num_in_line	飽和輝度値の数	H5T_STD_U16LE	6	27167			Data_description	Number of saturation data in line	H5T_C_S1	数のカウント方法、飽和の判定条件はVNR-NPと同じ。 デジタルカウント値の飽和しきい値は、チャンネルごとの処理パラメータ							
									Dim0	PL01(-60), PL01(0), PL01(+60), PL02(-60), PL02(0), PL02(+60)	H5T_C_S1								
									Dim1	lines	H5T_C_S1								
116	Geometry_data	---	---	---	---	---	---	---	Number of lines	5435	H5T_STD_I32LE								
									Number of pixels	173	H5T_STD_I32LE								
									Latitude_unit	degree North	H5T_C_S1								
									Longitude_unit	degree East	H5T_C_S1								
									Upper_left_latitude	31.771229	H5T_IEEE_F32L	Error_value:-999.99							
									Upper_left_longitude	177.67711	H5T_IEEE_F32L	Error_value:-999.99							
									Upper_right_latitude	34.70099	H5T_IEEE_F32L	Error_value:-999.99							
									Upper_right_longitude	158.7626	H5T_IEEE_F32L	Error_value:-999.99							
									Lower_left_latitude	45.7335	H5T_IEEE_F32L	Error_value:-999.99							
									Lower_left_longitude	-175.31715	H5T_IEEE_F32L	Error_value:-999.99							
									Lower_right_latitude	49.363934	H5T_IEEE_F32L	Error_value:-999.99							
									Lower_right_longitude	161.3183	H5T_IEEE_F32L	Error_value:-999.99							
									Latitude_P1_p60	格子点緯度(P1 +60°)	H5T_IEEE_F32LE	5435	173			Data_description	Latitude grid points of P1 +60degree(No elevation correction)	H5T_C_S1	
																Minimum_valid_value	-90	H5T_IEEE_F32L	
																Maximum_valid_value	90	H5T_IEEE_F32L	
							Error_value	-999.99	H5T_IEEE_F32L										
							Data_interval_pixel	5	H5T_STD_I32LE										
							Data_interval_line	5	H5T_STD_I32LE										
							Dim0	Line grids	H5T_C_S1										
							Dim1	pixel grids	H5T_C_S1										
							Unit	degree	H5T_C_S1										
118		Latitude_P1_0	格子点緯度(P1 0°)	H5T_IEEE_F32LE	5435	173			Data_description	Latitude grid points of P1 0degree(No elevation correction)	H5T_C_S1								
									Minimum_valid_value	-90	H5T_IEEE_F32L								
									Maximum_valid_value	90	H5T_IEEE_F32L								
									Error_value	-999.99	H5T_IEEE_F32L								
									Data_interval_pixel	5	H5T_STD_I32LE								
									Data_interval_line	5	H5T_STD_I32LE								
									Dim0	Line grids	H5T_C_S1								
									Dim1	pixel grids	H5T_C_S1								
									Unit	degree	H5T_C_S1								
119		Latitude_P1_m60	格子点緯度(P1 -60°)	H5T_IEEE_F32LE	5435	173			Data_description	Latitude grid points of P1 -60degree(No elevation correction)	H5T_C_S1								
									Minimum_valid_value	-90	H5T_IEEE_F32L								
									Maximum_valid_value	90	H5T_IEEE_F32L								
									Error_value	-999.99	H5T_IEEE_F32L								
									Data_interval_pixel	5	H5T_STD_I32LE								
									Data_interval_line	5	H5T_STD_I32LE								
									Dim0	Line grids	H5T_C_S1								
									Dim1	pixel grids	H5T_C_S1								
									Unit	degree	H5T_C_S1								
120		Latitude_P2_p60	格子点緯度(P2 +60°)	H5T_IEEE_F32LE	5435	173			Data_description	Latitude grid points of P2 +60degree(No elevation correction)	H5T_C_S1								
									Minimum_valid_value	-90	H5T_IEEE_F32L								
									Maximum_valid_value	90	H5T_IEEE_F32L								
									Error_value	-999.99	H5T_IEEE_F32L								
									Data_interval_pixel	5	H5T_STD_I32LE								
									Data_interval_line	5	H5T_STD_I32LE								
									Dim0	Line grids	H5T_C_S1								
									Dim1	pixel grids	H5T_C_S1								
									Unit	degree	H5T_C_S1								
121		Latitude_P2_0	格子点緯度(P2 0°)	H5T_IEEE_F32LE	5435	173			Data_description	Latitude grid points of P2 0degree(No elevation correction)	H5T_C_S1								
									Minimum_valid_value	-90	H5T_IEEE_F32L								
									Maximum_valid_value	90	H5T_IEEE_F32L								
									Error_value	-999.99	H5T_IEEE_F32L								
									Data_interval_pixel	5	H5T_STD_I32LE								
									Data_interval_line	5	H5T_STD_I32LE								
									Dim0	Line grids	H5T_C_S1								
									Dim1	pixel grids	H5T_C_S1								
									Unit	degree	H5T_C_S1								
122		Latitude_P2_m60	格子点緯度(P2 -60°)	H5T_IEEE_F32LE	5435	173			Data_description	Latitude grid points of P2 -60degree(No elevation correction)	H5T_C_S1								
									Minimum_valid_value	-90	H5T_IEEE_F32L								
									Maximum_valid_value	90	H5T_IEEE_F32L								
									Error_value	-999.99	H5T_IEEE_F32L								
									Data_interval_pixel	5	H5T_STD_I32LE								
									Data_interval_line	5	H5T_STD_I32LE								
									Dim0	Line grids	H5T_C_S1								
									Dim1	pixel grids	H5T_C_S1								
									Unit	degree	H5T_C_S1								

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute	備考
123		Longitude_P1_p60	格子点経度(P1 +60°)	H5T_IEEE_F32LE	5435	173			Data_description	Longitude grid points of P1 +60degree(No elevation correction) Minimum_valid_value < value <= Maximum_valid_value	H5T_C_S1	
									Minimum_valid_value	-180	H5T_IEEE_F32L	
									Maximum_valid_value	180	H5T_IEEE_F32L	
									Error_value	-999.99	H5T_IEEE_F32L	
									Data_interval_pixel	5	H5T_STD_I32LE	
									Data_interval_line	5	H5T_STD_I32LE	
									Dim0	Line grids	H5T_C_S1	
									Dim1	pixel grids	H5T_C_S1	
124		Longitude_P1_0	格子点経度(P1 0°)	H5T_IEEE_F32LE	5435	173			Data_description	Longitude grid points of P1 0degree(No elevation correction) Minimum_valid_value < value <= Maximum_valid_value	H5T_C_S1	
									Minimum_valid_value	-180	H5T_IEEE_F32L	
									Maximum_valid_value	180	H5T_IEEE_F32L	
									Error_value	-999.99	H5T_IEEE_F32L	
									Data_interval_pixel	5	H5T_STD_I32LE	
									Data_interval_line	5	H5T_STD_I32LE	
									Dim0	Line grids	H5T_C_S1	
									Dim1	pixel grids	H5T_C_S1	
125		Longitude_P1_m60	格子点経度(P1 -60°)	H5T_IEEE_F32LE	5435	173			Data_description	Longitude grid points of P1 -60degree(No elevation correction) Minimum_valid_value < value <= Maximum_valid_value	H5T_C_S1	
									Minimum_valid_value	-180	H5T_IEEE_F32L	
									Maximum_valid_value	180	H5T_IEEE_F32L	
									Error_value	-999.99	H5T_IEEE_F32L	
									Data_interval_pixel	5	H5T_STD_I32LE	
									Data_interval_line	5	H5T_STD_I32LE	
									Dim0	Line grids	H5T_C_S1	
									Dim1	pixel grids	H5T_C_S1	
126		Longitude_P2_p60	格子点経度(P2 +60°)	H5T_IEEE_F32LE	5435	173			Data_description	Longitude grid points of P2 +60degree(No elevation correction) Minimum_valid_value < value <= Maximum_valid_value	H5T_C_S1	
									Minimum_valid_value	-180	H5T_IEEE_F32L	
									Maximum_valid_value	180	H5T_IEEE_F32L	
									Error_value	-999.99	H5T_IEEE_F32L	
									Data_interval_pixel	5	H5T_STD_I32LE	
									Data_interval_line	5	H5T_STD_I32LE	
									Dim0	Line grids	H5T_C_S1	
									Dim1	pixel grids	H5T_C_S1	
127		Longitude_P2_0	格子点経度(P2 0°)	H5T_IEEE_F32LE	5435	173			Data_description	Longitude grid points of P2 0degree(No elevation correction) Minimum_valid_value < value <= Maximum_valid_value	H5T_C_S1	
									Minimum_valid_value	-180	H5T_IEEE_F32L	
									Maximum_valid_value	180	H5T_IEEE_F32L	
									Error_value	-999.99	H5T_IEEE_F32L	
									Data_interval_pixel	5	H5T_STD_I32LE	
									Data_interval_line	5	H5T_STD_I32LE	
									Dim0	Line grids	H5T_C_S1	
									Dim1	pixel grids	H5T_C_S1	
128		Longitude_P2_m60	格子点経度(P2 -60°)	H5T_IEEE_F32LE	5435	173			Data_description	Longitude grid points of P2 -60degree(No elevation correction) Minimum_valid_value < value <= Maximum_valid_value	H5T_C_S1	
									Minimum_valid_value	-180	H5T_IEEE_F32L	
									Maximum_valid_value	180	H5T_IEEE_F32L	
									Error_value	-999.99	H5T_IEEE_F32L	
									Data_interval_pixel	5	H5T_STD_I32LE	
									Data_interval_line	5	H5T_STD_I32LE	
									Dim0	Line grids	H5T_C_S1	
									Dim1	pixel grids	H5T_C_S1	
129		GPS_TAI	GPS-TAI (1993) の差分秒	H5T_IEEE_F64LE	1			Data_description	Time difference between GPS(Epoch 1980/1/6) and TAI(Epoch 1993/1/1)	H5T_C_S1		
								Unit	sec	H5T_C_S1		
130		Leap_second	うるう秒	H5T_STD_I8LE	2			Data_description	Leap second time (TAI-UTC)	H5T_C_S1		
								Unit	sec	H5T_C_S1		
131		Scan_start_time_TAI	走査開始時刻 (TAI)	H5T_IEEE_F64LE	2	27167			Insert_leap_time	20170101, 00000000	H5T_C_S1	
									Data_description	Scan start time (TAI)	H5T_C_S1	
									Dim0	P1, P2	H5T_C_S1	
									Epoch_time	19930101 00:00:00	H5T_C_S1	
									Error_value	0	H5T_IEEE_F64L	
Unit	sec	H5T_C_S1										

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute	備考
132		Tilt_Flag	チルト設定 0:チルト 0[degree] 1:前方チルト 45.0[degree] 2:後方チルト -45.0[degree] 3:任意角	H5T_STD_U8LE	27167				Data_description	Tilt flag 0: 0[degree] 1: +45[degree] 2: -45[degree] 3: else	H5T_C_S1	
									Dim0	lines	H5T_C_S1	
133		Modified_julian_date	修正ユリウス日	H5T_IEEE_F64LE	2	27167			Data_description	Modified julian date	H5T_C_S1	
									Dim0	P1, P2	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Unit	day	H5T_C_S1	
134		Sun_vector_ECI	太陽位置ベクトル(J2000)	H5T_IEEE_F64LE	27167	3			Data_description	Sun position vector (J2000)	H5T_C_S1	
									Coordinate_system	J2000	H5T_C_S1	
									Data_interval_line	1	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	x, y, z	H5T_C_S1	
									Unit	km	H5T_C_S1	
135		Moon_vector_ECI	月位置ベクトル(J2000)	H5T_IEEE_F64LE	27167	3			Data_description	Moon position vector (J2000)	H5T_C_S1	
									Coordinate_system	J2000	H5T_C_S1	
									Data_interval_line	1	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	x, y, z	H5T_C_S1	
									Unit	km	H5T_C_S1	
136		Solar_azimuth	衛星座標系における太陽の方位角	H5T_IEEE_F32LE	27167				Data_description	Solar azimuth angle	H5T_C_S1	
									Coordinate_system	Satellite coordinate system	H5T_C_S1	
									Error_value	-999.99	H5T_IEEE_F32L	
									Dim0	lines	H5T_C_S1	
									Unit	degree	H5T_C_S1	
137		Solar_zenith	衛星座標系における太陽の天頂角	H5T_IEEE_F32LE	27167				Data_description	Solar zenith angle	H5T_C_S1	
									Coordinate_system	Satellite coordinate system	H5T_C_S1	
									Error_value	-999.99	H5T_IEEE_F32L	
									Dim0	lines	H5T_C_S1	
									Unit	degree	H5T_C_S1	
138		Moon_azimuth	衛星座標系における月の方位角	H5T_IEEE_F32LE	27167				Data_description	Moon azimuth angle	H5T_C_S1	
									Coordinate_system	Satellite coordinate system	H5T_C_S1	
									Error_value	-999.99	H5T_IEEE_F32L	
									Dim0	lines	H5T_C_S1	
									Unit	degree	H5T_C_S1	
139		Moon_zenith	衛星座標系における月の天頂角	H5T_IEEE_F32LE	27167				Data_description	Moon zenith angle	H5T_C_S1	
									Coordinate_system	Satellite coordinate system	H5T_C_S1	
									Error_value	-999.99	H5T_IEEE_F32L	
									Dim0	lines	H5T_C_S1	
									Unit	degree	H5T_C_S1	
140	Earth_rotation_parameter	Polar_motion	極運動パラメータ	H5T_IEEE_F64LE	2				Data_description	Polar motion parameter	H5T_C_S1	
									Dim0	dx, dy	H5T_C_S1	
									Unit	sec of arc	H5T_C_S1	
141		UT1-UTC	UT1-UTCの差	H5T_IEEE_F32LE	1				Data_description	UT1-UTC	H5T_C_S1	
									Unit	sec	H5T_C_S1	
142		Precession_nutation	歳差/章動パラメータ	H5T_IEEE_F64LE	2				Data_description	Precession and nutation parameter	H5T_C_S1	
									Dim0	dpsi, deps	H5T_C_S1	
									Unit	msec of arc	H5T_C_S1	
142	Extended_area	—	—	—	—	—	—	—				
143	Reserved	Unused_packet_P1	処理対象外パケット(P1)	H5T_STD_U8LE	0	2414			Data_description	Unused mission data packet(P1)	H5T_C_S1	
									Dim0	packets	H5T_C_S1	
									Dim1	octets	H5T_C_S1	
144		Unused_packet_P2	処理対象外パケット(P2)	H5T_STD_U8LE	0	2414			Data_description	Unused mission data packet(P2)	H5T_C_S1	
									Dim0	packets	H5T_C_S1	
									Dim1	octets	H5T_C_S1	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
Global_attributes									Product_file_name	GC1SG1_201305201801_12302_IASG_IRSDH_1001.h5	H5T_C_S1	
									Mission_characteristics	Nominal orbit: inclination = 98.6 (Sun-Synchronous); node = 10:15-10:45 AM (descending); eccentricity < 0.0012; altitude = 798km; ground speed = 6.6km/sec; revolutions per day = 14+9/34	H5T_C_S1	
									Sensor	Second-generation Global Imager (SGLI)	H5T_C_S1	
									Algorithm_version	0.10	H5T_C_S1	
									Parameter_version	002.00	H5T_C_S1	
									Algorithm_developer	Japan Aerospace Exploration Agency (JAXA)	H5T_C_S1	
									Dataset_description	Sensor output (digital counts)	H5T_C_S1	
									Product_name	Sensor output (digital counts)	H5T_C_S1	
									Product_version	0002	H5T_C_S1	
									Satellite	Global Change Observation Mission - Climate (GCOM-C)	H5T_C_S1	
									Product_level	Level-1A	H5T_C_S1	
									Scene_start_time	20030320 23:28:39.823	H5T_C_S1	
									Scene_end_time	20030320 23:32:49.287	H5T_C_S1	
									Scene_center_time	20030320 23:30:44.555	H5T_C_S1	
									Ascending_node_crossing_time	20030320 23:42:23.000	H5T_C_S1	
									Total_orbit_number	12345	H5T_STD_I32LE	
									RSP_path_number	123	H5T_STD_I32LE	
									Scene_number	2	H5T_STD_I32LE	
									Orbit_direction	Ascending	H5T_C_S1	
									Maneuver_status	Include	H5T_C_S1	
									Start_argument_of_latitude	1	H5T_IEEE_F32LE	
									End_argument_of_latitude	15	H5T_IEEE_F32LE	
									Lines_per_scan	5, 5, 5, 5, 10, 10	H5T_STD_I32LE_[6]	
									Stored_channels	SW1, SW2, SW3, SW4, TI1, TI2	H5T_C_S1	
									Missing_lines	0, 0, 0, 0, 0, 0	H5T_STD_I32LE_[6]	
									Missing_lines_rate	0.0, 0.0, 0.0, 0.0, 0.0, 0.0	H5T_IEEE_F32LE_[6]	
									Saturated_pixels_rate	0.0, 0.0, 0.0, 0.0, 0.0, 0.0	H5T_IEEE_F32LE_[6]	飽和ピクセル率の算出方式はVNR-NPと同様。 ただし、 N: L1Aシーン本体のピクセル数 (Raw_data/Number_of_lines) × (Raw_data/Number_of_pixels) デジタルカウント値の飽和しきい値は、チャンネル、分解能ごとの処理パラメータ
									Abnormal_positions_rate	0.0	H5T_IEEE_F32LE	
									Abnormal_velocities_rate	0.0	H5T_IEEE_F32LE	
									Abnormal_attitudes_rate	0.0	H5T_IEEE_F32LE	
									Geometric_information_error_rate	0.0, 0.0, 0.0, 0.0, 0.0, 0.0	H5T_IEEE_F32LE_[6]	
									Individual_quality_info	GGGGGGGGGGGGGGGG	H5T_C_S1	G: Good P: Poor F: Fair N: NG
Quality_judge_line	0,0	H5T_STD_I32LE	SW1, TIR									
Processing_attributes									Contact_point	JAXA/GCOM project team	H5T_C_S1	
									Input_files		H5T_C_S1	L1Aプロダクトを入力とした再処理プロダクトの場合には、L1Aプロダクト名が格納される。
									Processing_UT	20120813 01:30:35	H5T_C_S1	
									Processing_result	Good	H5T_C_S1	
									Processing_result_description	Good, Fair, Poor, NG	H5T_C_S1	
Processing_organization	JAXA/GCOM-C project	H5T_C_S1										

B

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考										
1	Raw_data	SW1	観測デジタルカウント値(SWI01用)	H5T_STD_U16LE	1715	1146			Number_of_lines	3430	H5T_STD_I32LE											
									Number_of_pixels	2292	H5T_STD_I32LE											
									Data_description	Observed digital count of SW1 Band_weighted_TOA_solar_irradiance, F0/D ² ; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1											
									Band_width	20.0	H5T_IEEE_F32LE											
									Band_width_unit	nm	H5T_C_S1											
									Center_wavelength	1050.0	H5T_IEEE_F32LE											
									Center_wavelength_unit	nm	H5T_C_S1											
									Band_weighted_TOA_solar_irradiance	646.5213	H5T_IEEE_F32LE											
									Band_weighted_TOA_solar_irradiance_unit	W/m ² /um	H5T_C_S1											
									Error_value	65535	H5T_STD_I32LE											
									Maximum_valid_value	65534	H5T_STD_I32LE											
									Minimum_valid_value	0	H5T_STD_I32LE											
									Saturation_radiance	284.9	H5T_IEEE_F32LE											
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1											
									Spatial_resolution	1000.0	H5T_IEEE_F32LE											
									Spatial_resolution_unit	meter	H5T_C_S1											
									Dim0	lines	H5T_C_S1											
									Dim1	pixels	H5T_C_S1											
									Unit	Count	H5T_C_S1											
									2	Raw_data	SW2		観測デジタルカウント値(SWI02用)	H5T_STD_U16LE	1715	1146			Data_description	Observed digital count of SW2 Band_weighted_TOA_solar_irradiance, F0/D ² ; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
Band_width	20.0	H5T_IEEE_F32LE																				
Band_width_unit	nm	H5T_C_S1																				
Center_wavelength	1380.0	H5T_IEEE_F32LE																				
Center_wavelength_unit	nm	H5T_C_S1																				
Band_weighted_TOA_solar_irradiance	361.225	H5T_IEEE_F32LE																				
Band_weighted_TOA_solar_irradiance_unit	W/m ² /um	H5T_C_S1																				
Error_value	65535	H5T_STD_I32LE																				
Maximum_valid_value	65534	H5T_STD_I32LE																				
Minimum_valid_value	0	H5T_STD_I32LE																				
Saturation_radiance	118.5	H5T_IEEE_F32LE																				
Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1																				
Spatial_resolution	1000.0	H5T_IEEE_F32LE																				
Spatial_resolution_unit	meter	H5T_C_S1																				
Dim0	lines	H5T_C_S1																				
Dim1	pixels	H5T_C_S1																				
Unit	Count	H5T_C_S1																				
3	Raw_data	SW3	観測デジタルカウント値(SWI03用)	H5T_STD_U16LE	1715	1146						Data_description							Observed digital count of SW3 Band_weighted_TOA_solar_irradiance, F0/D ² ; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1		
												Band_width							200.0	H5T_IEEE_F32LE		
												Band_width_unit							nm	H5T_C_S1		
									Center_wavelength	1630.0	H5T_IEEE_F32LE											
									Center_wavelength_unit	nm	H5T_C_S1											
									Band_weighted_TOA_solar_irradiance	237.5784	H5T_IEEE_F32LE											
									Band_weighted_TOA_solar_irradiance_unit	W/m ² /um	H5T_C_S1											
									Error_value	65535	H5T_STD_I32LE											
									Maximum_valid_value	65534	H5T_STD_I32LE											
									Minimum_valid_value	0	H5T_STD_I32LE											
									Saturation_radiance	55.2	H5T_IEEE_F32LE											
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1											
									Spatial_resolution	1000.0	H5T_IEEE_F32LE											
									Spatial_resolution_unit	meter	H5T_C_S1											
									Dim0	lines	H5T_C_S1											
									Dim1	pixels	H5T_C_S1											
									Unit	Count	H5T_C_S1											

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考										
4		SW4	観測デジタルカウント値(SWI04用)	H5T_STD_U16LE	1715	1146			Data_description	Observed digital count of SW4	H5T_C_S1											
										Band_weighted_TOA_solar_irradiance, F0/D ² ; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)												
									Band_width	50.0	H5T_IEEE_F32LE											
									Band_width_unit	nm	H5T_C_S1											
									Center_wavelength	2210.0	H5T_IEEE_F32LE											
									Center_wavelength_unit	nm	H5T_C_S1											
									Band_weighted_TOA_solar_irradiance	84.2413	H5T_IEEE_F32LE											
									Band_weighted_TOA_solar_irradiance_unit	W/m ² /um	H5T_C_S1											
									Error_value	65535	H5T_STD_I32LE											
									Maximum_valid_value	65534	H5T_STD_I32LE											
									Minimum_valid_value	0	H5T_STD_I32LE											
									Saturation_radiance	22.2	H5T_IEEE_F32LE											
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1											
									Spatial_resolution	1000.0	H5T_IEEE_F32LE											
									Spatial_resolution_unit	meter	H5T_C_S1											
									Dim0	lines	H5T_C_S1											
									Dim1	pixels	H5T_C_S1											
Unit	Count	H5T_C_S1																				
5		TI1	観測デジタルカウント値(TIR01用)	H5T_STD_U16LE	3430	2292			Data_description	Observed digital count of TI1	H5T_C_S1											
										Band_width	700.0		H5T_IEEE_F32LE									
										Band_width_unit	nm		H5T_C_S1									
										Center_wavelength	11000.0		H5T_IEEE_F32LE									
										Center_wavelength_unit	nm		H5T_C_S1									
										Error_value	65535		H5T_STD_I32LE									
										Maximum_valid_value	65534		H5T_STD_I32LE									
										Minimum_valid_value	0		H5T_STD_I32LE									
										Saturation_radiance	18.2		H5T_IEEE_F32LE									
										Saturation_radiance_unit	W/m ² /um/sr		H5T_C_S1									
										Spatial_resolution	500.0		H5T_IEEE_F32LE									
										Spatial_resolution_unit	meter		H5T_C_S1									
										Dim0	lines		H5T_C_S1									
										Dim1	pixels		H5T_C_S1									
										Unit	Count		H5T_C_S1									
									6		TI2		観測デジタルカウント値(TIR02用)	H5T_STD_U16LE	3430	2292			Data_description	Observed digital count of TI2	H5T_C_S1	
																				Band_width	700.0	
	Band_width_unit	nm	H5T_C_S1																			
	Center_wavelength	1200.0	H5T_IEEE_F32LE																			
	Center_wavelength_unit	nm	H5T_C_S1																			
	Error_value	65535	H5T_STD_I32LE																			
	Maximum_valid_value	65534	H5T_STD_I32LE																			
	Minimum_valid_value	0	H5T_STD_I32LE																			
	Saturation_radiance	16.1	H5T_IEEE_F32LE																			
	Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1																			
	Spatial_resolution	500.0	H5T_IEEE_F32LE																			
	Spatial_resolution_unit	meter	H5T_C_S1																			
	Dim0	lines	H5T_C_S1																			
	Dim1	pixels	H5T_C_S1																			
	Unit	Count	H5T_C_S1																			
7		Blackbody_SW1	校正黒体データ(SW1)	H5T_STD_U16LE	1715	32						Data_description							Blackbody raw data of SW1	H5T_C_S1		
																			Error_value	65535		
										Dim0	lines	H5T_C_S1										
										Dim1	pixels	H5T_C_S1										
										Unit	Count	H5T_C_S1										
8		Blackbody_SW2	校正黒体データ(SW2)	H5T_STD_U16LE	1715	32			Data_description	Blackbody raw data of SW2	H5T_C_S1											
										Error_value	65535		H5T_STD_I32LE									
										Dim0	lines		H5T_C_S1									
										Dim1	pixels		H5T_C_S1									
										Unit	Count		H5T_C_S1									
9		Blackbody_SW3	校正黒体データ(SW3)	H5T_STD_U16LE	1715	32			Data_description	Blackbody raw data of SW3	H5T_C_S1											
										Error_value	65535		H5T_STD_I32LE									
										Dim0	lines		H5T_C_S1									
										Dim1	pixels		H5T_C_S1									
										Unit	Count		H5T_C_S1									
10		Blackbody_SW4	校正黒体データ(SW4)	H5T_STD_U16LE	1715	32			Data_description	Blackbody raw data of SW4	H5T_C_S1											
										Error_value	65535		H5T_STD_I32LE									
										Dim0	lines		H5T_C_S1									
										Dim1	pixels		H5T_C_S1									
										Unit	Count		H5T_C_S1									
11		Blackbody_TI1	校正黒体データ(TI1)	H5T_STD_U16LE	3430	64			Data_description	Blackbody raw data of TI1	H5T_C_S1											
										Error_value	65535		H5T_STD_I32LE									
										Dim0	lines		H5T_C_S1									
										Dim1	pixels		H5T_C_S1									
										Unit	Count		H5T_C_S1									
12		Blackbody_TI2	校正黒体データ(TI2)	H5T_STD_U16LE	3430	64			Data_description	Blackbody raw data of TI2	H5T_C_S1											
										Error_value	65535		H5T_STD_I32LE									
										Dim0	lines		H5T_C_S1									
										Dim1	pixels		H5T_C_S1									
										Unit	Count		H5T_C_S1									

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
13		Internal_lamp_LED_SW1	内部光源データ (SW1)	H5T_STD_U16LE	1715	32			Data_description	Internal light raw data of SW1	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	
14		Internal_lamp_LED_SW2	内部光源データ (SW2)	H5T_STD_U16LE	1715	32			Data_description	Internal light raw data of SW2	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	
15		Internal_lamp_LED_SW3	内部光源データ (SW3)	H5T_STD_U16LE	1715	32			Data_description	Internal light raw data of SW3	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	
16		Internal_lamp_LED_SW4	内部光源データ (SW4)	H5T_STD_U16LE	1715	32			Data_description	Internal light raw data of SW4	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	
17		Internal_lamp_LED_TI1	内部光源データ (TI1)	H5T_STD_U16LE	3430	64			Data_description	Internal light raw data of TI1	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	
18		Internal_lamp_LED_TI2	内部光源データ (TI2)	H5T_STD_U16LE	3430	64			Data_description	Internal light raw data of TI2	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	
19		Deep_space_SW1	深宇宙視野データ (SW1)	H5T_STD_U16LE	1715	32			Data_description	Deep space raw data of SW1	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	
20		Deep_space_SW2	深宇宙視野データ (SW2)	H5T_STD_U16LE	1715	32			Data_description	Deep space raw data of SW2	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	
21		Deep_space_SW3	深宇宙視野データ (SW3)	H5T_STD_U16LE	1715	32			Data_description	Deep space raw data of SW3	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	
22		Deep_space_SW4	深宇宙視野データ (SW4)	H5T_STD_U16LE	1715	32			Data_description	Deep space raw data of SW4	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	
23		Deep_space_TI1	深宇宙視野データ (TI1)	H5T_STD_U16LE	3430	64			Data_description	Deep space raw data of TI1	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	
24		Deep_space_TI2	深宇宙視野データ (TI2)	H5T_STD_U16LE	3430	64			Data_description	Deep space raw data of TI2	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	
25		Diffuser_SW1	拡散板データ (SW1)	H5T_STD_U16LE	1715	64			Data_description	Scatter diffuser raw data of SW1	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	
26		Diffuser_SW2	拡散板データ (SW2)	H5T_STD_U16LE	1715	64			Data_description	Scatter diffuser raw data of SW2	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	
27		Diffuser_SW3	拡散板データ (SW3)	H5T_STD_U16LE	1715	64			Data_description	Scatter diffuser raw data of SW3	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	
28		Diffuser_SW4	拡散板データ (SW4)	H5T_STD_U16LE	1715	64			Data_description	Scatter diffuser raw data of SW4	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	
29		Diffuser_TI1	拡散板データ (TI1)	H5T_STD_U16LE	3430	128			Data_description	Scatter diffuser raw data of TI1	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	

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No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
30		Diffuser_T12	拡散板データ (T12)	H5T_STD_U16LE	3430	128			Data_description	Scatter diffuser raw data of T12	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
31		Realtime_PCD	リアルタイムPCDの生データ	H5T_STD_U8LE	354	256			Data_description	GCOM-C PCD raw data	H5T_C_S1	
									Dim0	Realtime PCD records (1Hz)	H5T_C_S1	
									Dim1	octets	H5T_C_S1	
									Unit	Count	H5T_C_S1	
32	Raw_data/AUX_packet	Raw_packet1_2_SWI	パケット1&2観測補助データ (SWI)	H5T_STD_U8LE	343	2	1826		Data_description	Packet#1 and #2 raw data	H5T_C_S1	
									Dim0	scans	H5T_C_S1	
									Dim1	packet#1, packet#2	H5T_C_S1	
									Dim2	octets	H5T_C_S1	
33		Raw_packet_header_SWI	パケットヘッダ	H5T_STD_U8LE	343	2522			Data_description	Raw packet header of all packets(#1-97)	H5T_C_S1	
									Dim0	scans	H5T_C_S1	
									Dim1	octets	H5T_C_S1	
									Unit	Count	H5T_C_S1	
34		Raw_packet1_2_TIR	パケット1&2観測補助データ (TIR)	H5T_STD_U8LE	343	2	1826		Data_description	Packet#1 and #2 raw data	H5T_C_S1	
									Dim0	scans	H5T_C_S1	
									Dim1	packet#1, packet#2	H5T_C_S1	
									Dim2	octets	H5T_C_S1	
35		Raw_packet_header_TIR	パケットヘッダ	H5T_STD_U8LE	343	4212			Data_description	Raw packet header of all packets(#1-162)	H5T_C_S1	
									Dim0	scans	H5T_C_S1	
									Dim1	octets	H5T_C_S1	
									Unit	Count	H5T_C_S1	
	Ancillary_data	—	—	—	—	—	—	—	Data_description	Don't use the record when lack line. (Refer to Data_quality_flag/Qf_Scan)	H5T_C_S1	
36	Ancillary_data/IRS_DSP_AB	Halogen_on_off	ハロゲン電源ON/OFFステータス	H5T_STD_U8LE	2	343	2		Data_description	Halogen lamp ON/OFF status 0 : OFF 1 : ON	H5T_C_S1	
									TLM_info_tlmID	IR0046	H5T_C_S1	
									TLM_info_name	IRS HAL ON/OFF	H5T_C_S1	
									TLM_info_short_name	I HAL PWR ONOFF	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Dim2	packet#1, packet#2	H5T_C_S1	
									Unit	Count	H5T_C_S1	
37	Ancillary_data/TC_FPGA	Mode_register	モードレジスタ	H5T_STD_U8LE	2	343	2		Data_description	Mode register	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Dim2	packet#1, packet#2	H5T_C_S1	
38		Board_address	ボードアドレス	H5T_STD_U8LE	2	343	2		Data_description	Board address	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Dim2	packet#1, packet#2	H5T_C_S1	
39		SD5_SMCU_TLM_word_status	SD5 ワード数選択ステータス	H5T_STD_U8LE	2	343	2		Data_description	SD5 SMCU TLM word status 0 : 32 words 1 : 97 words	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Dim2	packet#1, packet#2	H5T_C_S1	
40		SD5_SMCU_CMD_word_status	SMCU_CMD ワード数選択ステータス	H5T_STD_U8LE	2	343	2		Data_description	SD5 SMCU CMD word status 0 : 32 words 1 : 97 words	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Dim2	packet#1, packet#2	H5T_C_S1	
41		SD5_SMCU_ANGLE_A_B_status	SD5/ANGL A系/B系ステータス	H5T_STD_U8LE	2	343	2		Data_description	SD5 SMCU ANGLE A/B status 0 : A 1 : B	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Dim2	packet#1, packet#2	H5T_C_S1	
42		SD4_CCE_A_B_status	SD4 A系/B系ステータス	H5T_STD_U8LE	2	343	2		Data_description	SD4 CCE A/B status 0 : A 1 : B	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Dim2	packet#1, packet#2	H5T_C_S1	
43		SD3_TEC_A_B_status	SD3 A系/B系ステータス	H5T_STD_U8LE	2	343	2		Data_description	SD3 TEC A/B status 0 : A 1 : B	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Dim2	packet#1, packet#2	H5T_C_S1	
44		SD2_I-ASP_A_B_status	SD2 A系/B系ステータス	H5T_STD_U8LE	2	343	2		Data_description	SD2 I-ASP A/B status 0 : A 1 : B	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Dim2	packet#1, packet#2	H5T_C_S1	
45		SD1_HCE_A_B_status	SD1 A系/B系ステータス	H5T_STD_U8LE	2	343	2		Data_description	SD1 HCE A/B status 0 : A 1 : B	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Dim2	packet#1, packet#2	H5T_C_S1	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
46		Double_buffer_output_status	バッファステータス	H5T_STD_U8LE	2	343	2		Data_description	Double buffer output status 0 : A 1 : B	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Dim2	packet#1, packet#2	H5T_C_S1	
47		TC_FPGA_ENA_DIS	TC-FPGA ENA/DIS ステータス	H5T_STD_U8LE	2	343	2		Data_description	TC-FPGA ENA/DIS 0 : DISABLE 1 : ENABLE	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Dim2	packet#1, packet#2	H5T_C_S1	
48	Ancillary_data/SWI_DSP_FPGA	DSP_AB_select	DSP入力選択状態(SWI)	H5T_STD_U8LE	343	2			Data_description	Selected LVDS input status of SWI observation data (A or B) 0 : A 1 : Non-selected 2 : B	H5T_C_S1	
									TLM_info_tlmID	IR0069	H5T_C_S1	
									TLM_info_name	IRS DSP SWI A/B SEL	H5T_C_S1	
									TLM_info_short_name	I DSP SWI AB SEL	H5T_C_S1	
									Dim0	scans	H5T_C_S1	
									Dim1	packet#1, packet#2	H5T_C_S1	
									Dim2	packet#1, packet#2	H5T_C_S1	
49		Resolution_status	SWI分解能ステータス	H5T_STD_U8LE	343	2			Data_description	Resolution status(SWI) 1 : 250m 3 : 1km	H5T_C_S1	
									TLM_info_tlmID	IR0070	H5T_C_S1	
									TLM_info_name	IRS SWI RESO STS	H5T_C_S1	
									TLM_info_short_name	I SWI RES SEL	H5T_C_S1	
									Dim0	scans	H5T_C_S1	
									Dim1	packet#1, packet#2	H5T_C_S1	
									Dim2	packet#1, packet#2	H5T_C_S1	
50		All_round_mode_status	SWI観測/走査全周データ処理切替ステータス	H5T_STD_U8LE	343	2			Data_description	Observation/Round scan mode switch(SWI) 0 : Observation 1 : Round scan	H5T_C_S1	
									TLM_info_tlmID	IR0071	H5T_C_S1	
									TLM_info_name	IRS SWI ALL DAT MODE	H5T_C_S1	
									TLM_info_short_name	I SWI ALL MODE SEL	H5T_C_S1	
									Dim0	scans	H5T_C_S1	
									Dim1	packet#1, packet#2	H5T_C_S1	
									Dim2	packet#1, packet#2	H5T_C_S1	
51		DAT_ena_dis_status	SWI観測データEna/Disステータス	H5T_STD_U8LE	343	2			Data_description	Observation data enable or disable status 0 : Disable 1 : Enable	H5T_C_S1	
									TLM_info_tlmID	IR0072	H5T_C_S1	
									TLM_info_name	IRS SWI DAT ENA/DIS	H5T_C_S1	
									TLM_info_short_name	I SWI DAT ENA/DIS	H5T_C_S1	
									Dim0	scans	H5T_C_S1	
									Dim1	packet#1, packet#2	H5T_C_S1	
									Dim2	packet#1, packet#2	H5T_C_S1	
52	Ancillary_data/TIR_DSP_FPGA	DSP_AB_select	DSP入力選択状態(TIR)	H5T_STD_U8LE	343	2			Data_description	Selected LVDS input status of TIR observation data (A or B) 0 : A 1 : Non-selected 2 : B	H5T_C_S1	
									TLM_info_tlmID	IR0068	H5T_C_S1	
									TLM_info_name	IRS DSP TIR A/B SEL	H5T_C_S1	
									TLM_info_short_name	I DSP TIR AB SEL	H5T_C_S1	
									Dim0	scans	H5T_C_S1	
									Dim1	packet#1, packet#2	H5T_C_S1	
									Dim2	packet#1, packet#2	H5T_C_S1	
53		TIR_TDI_status	TIR TDI加算ステータス	H5T_STD_U8LE	343	2	2		Data_description	Fixed data status 0 : TDI (A/B) 1 : No TDI (B) 2 : No TDI (A)	H5T_C_S1	
									TLM_info_tlmID	IR0074, IR0073	H5T_C_S1	
									TLM_info_name	IRS TIR1 TDI STS, IRS TIR TDI STS	H5T_C_S1	
									TLM_info_short_name	I TIR1 TDI ST, I TIR2 TDI ST	H5T_C_S1	
									Dim0	scans	H5T_C_S1	
									Dim1	packet#1, packet#2	H5T_C_S1	
									Dim2	TI1, TI2	H5T_C_S1	
54		Resolution_status	TIR分解能ステータス	H5T_STD_U8LE	343	2			Data_description	Resolution status(TIR) 1 : 250m 2 : 500m 3 : 1km	H5T_C_S1	
									TLM_info_tlmID	IR0075	H5T_C_S1	
									TLM_info_name	IRS TIR RESO STS	H5T_C_S1	
									TLM_info_short_name	I TIR RES SEL	H5T_C_S1	
									Dim0	scans	H5T_C_S1	
									Dim1	packet#1, packet#2	H5T_C_S1	
									Dim2	packet#1, packet#2	H5T_C_S1	
55		All_round_mode_status	TIR観測/走査全周データ処理切替ステータス	H5T_STD_U8LE	343	2			Data_description	Observation/Round scan mode switch(TIR) 0 : Observation 1 : Round scan	H5T_C_S1	
									TLM_info_tlmID	IR0076	H5T_C_S1	
									TLM_info_name	IRS TIR ALL DAT MODE	H5T_C_S1	
									TLM_info_short_name	I TIR ALL MODE SEL	H5T_C_S1	
									Dim0	scans	H5T_C_S1	
									Dim1	packet#1, packet#2	H5T_C_S1	
									Dim2	packet#1, packet#2	H5T_C_S1	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
56		DAT_ena_dis_status	TIR観測データEna/Disステータス	H5T_STD_U8LE	343	2			Data_description	Observation data enable or disable status 0 : Disable 1 : Enable	H5T_C_S1	
									TLM_info_tlmID	IR0077	H5T_C_S1	
									TLM_info_name	IRS TIR DAT ENA/DIS	H5T_C_S1	
									TLM_info_short_name	I TIR DAT ENA/DIS	H5T_C_S1	
									Dim0	scans	H5T_C_S1	
57	Ancillary_data/IRS_ASP_SD	SWI_ASP_mode_status	SWI動作切替	H5T_STD_U8LE	2	343	2		Data_description	Selected mode of SWI 1 : Wait mode 3 : Observation mode (observation data input) 4 : Round scan mode 5 : Observation mode (electrical calibration input)	H5T_C_S1	
									TLM_info_tlmID	IR0527, IR0528	H5T_C_S1	
									TLM_info_name	IRS SWI 1-3 MODE, IRS SWI 4 MODE	H5T_C_S1	
									TLM_info_short_name	I SWI MODE, I SWI4 MODE	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Dim2	SWI/2/3, SW4	H5T_C_S1	
58		SWI_electric_cal_level	SWI電気校正レベル切替	H5T_STD_U8LE	2	343	2		Data_description	Electrical calibration signal level status 1 : Level1 2 : Level2 3 : Level3 4 : Level4 5 : Level5 6 : Level6	H5T_C_S1	
									TLM_info_tlmID	IR0529, IR0530	H5T_C_S1	
									TLM_info_name	IRS SWI 1-3 ELEC CAL LVL, IRS SWI 4 ELEC CAL LVL	H5T_C_S1	
									TLM_info_short_name	I SWI1-3 ELEC CAL, I SWI4 ELEC CAL	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Dim2	SWI/2/3, SW4	H5T_C_S1	
59		SWI_clamp_level	SWIオフセット値設定	H5T_STD_U8LE	2	343	8		Data_description	Offset voltage level setting 0-255 : Level1-Level256	H5T_C_S1	
									TLM_info_tlmID	IR0531, IR0656, IR0657, IR0533, IR0534, IR0535, IR0536, IR0537	H5T_C_S1	
									TLM_info_name	IRS SWI 1-2 OFFSET, IRS SWI3-1 OFFSET, IRS SWI3-2 OFFSET, IRS SWI4-1 OFFSET, IRS SWI4-2 OFFSET, IRS SWI4-3 OFFSET, IRS SWI4-4 OFFSET, IRS SWI4-5 OFFSET	H5T_C_S1	
									TLM_info_short_name	I SWI1-2 OFFSET, I SWI3 OFFSET1, I SWI3 OFFSET2, I SWI4 OFFSET1, I SWI4 OFFSET2, I SWI4 OFFSET3, I SWI4 OFFSET4, I SWI4 OFFSET5	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
60		TIR_ASP_mode_status	TIR動作切替	H5T_STD_U8LE	2	343	2		Data_description	Selected mode of TIR 1 : Wait modex 3 : Observation mode (observation data input) 4 : All scan data output mode 5 : Observation mode (electrical calibration input)	H5T_C_S1	
									TLM_info_tlmID	IR0539, IR0546	H5T_C_S1	
									TLM_info_name	IRS TIR1-A MODE, IRS TIR2-A MODE	H5T_C_S1	
									TLM_info_short_name	I TIR1A MODE, I TIR2A MODE	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
61		TIR_long_short_status	LONG/SHORTコマンドステータス	H5T_STD_U8LE	2	343	2		Data_description	LONG/SHORT command status 0 : Short 1 : Long	H5T_C_S1	
									TLM_info_tlmID	IR0659, IR0660	H5T_C_S1	
									TLM_info_name	IRS TIR1 LG/ST CMD STS, IRS TIR2 LG/ST CMD STS	H5T_C_S1	
									TLM_info_short_name	I TIR1 LGST ST, I TIR2 LGST ST	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
62		TIR_long_short_counter	LONG/SHORTコマンドカウンタ	H5T_STD_U8LE	2	343	2		Data_description	LONG/SHORT command counter (change state 0->1->2->3 with every command)	H5T_C_S1	
									TLM_info_tlmID	IR0658, IR0655	H5T_C_S1	
									TLM_info_name	IRS TIR1 LG/ST CMD CNT, IRS TIR2 LG/ST CMD CNT	H5T_C_S1	
									TLM_info_short_name	I TIR1 LGST CNT, I TIR2 LGST CNT	H5T_C_S1	
									Minimum_valid_value	0	H5T_STD_U8LE	
									Maximum_valid_value	3	H5T_STD_U8LE	
									Dim0	SWI, TIR	H5T_C_S1	
Dim1	scans	H5T_C_S1										
Dim2	TI1, TI2	H5T_C_S1										

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
63		TIR_integration_time	TIR積分時間切替	H5T_STD_U8LE	2	343	2		Data_description	TIR integral time INT setting 1-8 selected(max:0, min:7)	H5T_C_S1	
									TLM_info_tlmID	IR0540, IR0547	H5T_C_S1	
									TLM_info_name	IRS TIR-A INTG SEL, IRS TIR-B INTG SEL	H5T_C_S1	
									TLM_info_short_name	I TIR-A INTG SEL, I TIR-B INTG SEL	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Dim2	A, B	H5T_C_S1	
64		TIR_electric_cal_level	TIR電気校正レベル切替	H5T_STD_U8LE	2	343	2		Data_description	Electrical calibration signal level status 1 : Level1 2 : Level2 3 : Level3 4 : Level4 5 : Level5 6 : Level6	H5T_C_S1	
									TLM_info_tlmID	IR0541, IR0548	H5T_C_S1	
									TLM_info_name	IRS TIR1-A ELEC CAL LVL, IRS TIR2-A ELEC CAL LVL	H5T_C_S1	
									TLM_info_short_name	I TIR1A ELEC CAL, I TIR2A ELEC CAL	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Dim2	TIR-A, TIR-B	H5T_C_S1	
65		TIR_clamp_level	TIRオフセット値設定	H5T_STD_U8LE	2	343	2	2	Data_description	TIR clamp(offset) 0-255 : level1-level256	H5T_C_S1	
									TLM_info_tlmID	IR0544, IR0545, IR0551, IR0552	H5T_C_S1	
									TLM_info_name	IRS TIR1-A OFFSET, IRS TIR1-B OFFSET, IRS TIR2-A OFFSET, IRS TIR2-B OFFSET	H5T_C_S1	
									TLM_info_short_name	I TIR1A OFFSET, I TIR1B OFFSET, I TIR2A OFFSET, I TIR2B OFFSET	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Dim2	TI1, TI2	H5T_C_S1	
66		LED_on_off	LED ON/OFF	H5T_STD_U8LE	2	343			Data_description	LED ON/OFF status 0 : LED1-3 OFF / LED4-6 OFF 1 : LED1-3 OFF / LED4-6 ON 2 : LED1-3 ON / LED4-6 OFF 3 : LED1-3 ON / LED4-6 ON	H5T_C_S1	
									TLM_info_tlmID	IR0553	H5T_C_S1	
									TLM_info_name	IRS LED ON/OFF MODE	H5T_C_S1	
									TLM_info_short_name	I LED ONOFF	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
67		LED_PD_monitor	LED光量モニタ	H5T_IEEE_F64LE	2	343			Data_description	LED monitor	H5T_C_S1	
									TLM_info_tlmID	IR0554	H5T_C_S1	
									TLM_info_name	IRS LED PD MON	H5T_C_S1	
									TLM_info_short_name	I LED PD MON	H5T_C_S1	
									Minimum_valid_value	0	H5T_IEEE_F64LE	
									Maximum_valid_value	-999	H5T_IEEE_F64LE	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Unit	uA	H5T_C_S1	
									68		Sun_PD_monitor	
TLM_info_tlmID	IR0555, IR0556	H5T_C_S1										
TLM_info_name	IRS SUN PD MON1, IRS SUN PD MON2	H5T_C_S1										
TLM_info_short_name	I SUN PD MON1, I SUN PD MON2	H5T_C_S1										
Minimum_valid_value	0	H5T_IEEE_F64LE										
Maximum_valid_value	-999	H5T_IEEE_F64LE										
Dim0	SWI, TIR	H5T_C_S1										
Dim1	scans	H5T_C_S1										
Dim2	monitor1, monitor2	H5T_C_S1										
Unit	uA	H5T_C_S1										
69		LED_current	内部光源駆動電流	H5T_IEEE_F32LE	2	343	6		Data_description	LED current	H5T_C_S1	
									TLM_info_tlmID	IR0557, IR0558, IR0559, IR0560, IR0561, IR0562	H5T_C_S1	
									TLM_info_name	IRS VIS-LED1 CUR, IRS VIS-LED2 CUR, IRS VIS-LED3 CUR, IRS VIS-LED4 CUR, IRS VIS-LED5 CUR, IRS VIS-LED6 CUR	H5T_C_S1	
									TLM_info_short_name	I CUR LED1, I CUR LED2, I CUR LED3, I CUR LED4, I CUR LED5, I CUR LED6	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Dim2	LED1-LED6	H5T_C_S1	
									Minimum_valid_value	0	H5T_IEEE_F32LE	
									Maximum_valid_value	70	H5T_IEEE_F32LE	
									Unit	mA	H5T_C_S1	
70		Halogen_voltage	ハロゲン電圧モニタ	H5T_IEEE_F64LE	2	343			Data_description	Halogen voltage	H5T_C_S1	
									TLM_info_tlmID	IR0563	H5T_C_S1	
									TLM_info_name	IRS HAL VLT	H5T_C_S1	
									TLM_info_short_name	I HAL VLT MON	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Minimum_valid_value	0	H5T_IEEE_F64LE	
									Maximum_valid_value	12	H5T_IEEE_F64LE	
Unit	V	H5T_C_S1										

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
71		Halogen_current	ハロゲン電流モニタ	H5T_IEEE_F64LE	2	343			Data_description	Halogen current	H5T_C_S1	
									TLM_info_tlmID	IR0564	H5T_C_S1	
									TLM_info_name	IRS HAL CUR	H5T_C_S1	
									TLM_info_short_name	I HAL CUR MON	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Minimum_valid_value	0	H5T_IEEE_F64LE	
									Maximum_valid_value	2.5	H5T_IEEE_F64LE	
									Unit	A	H5T_C_S1	
									72		TIR_temperature	
TLM_info_tlmID	IR0565, IR0566	H5T_C_S1										
TLM_info_name	IRS LWIRD TMP1, IRS LWIRD TMP2	H5T_C_S1										
TLM_info_short_name	I LWID MON TMP1, I LWID MON TMP2	H5T_C_S1										
Dim0	SWI, TIR	H5T_C_S1										
Dim1	scans	H5T_C_S1										
Dim2	templ(narrow), temp2(wide)	H5T_C_S1										
Minimum_valid_value(narrow)	50	H5T_IEEE_F64LE										
Maximum_valid_value(narrow)	60	H5T_IEEE_F64LE										
Minimum_valid_value(wide)	47	H5T_IEEE_F64LE										
Maximum_valid_value(wide)	170	H5T_IEEE_F64LE										
Unit	K	H5T_C_S1										
73		LED_temperature	LED温度モニタ	H5T_IEEE_F64LE	2	343	2		Data_description	LED temperature monitor	H5T_C_S1	
									TLM_info_tlmID	IR0567, IR0568	H5T_C_S1	
									TLM_info_name	IRS LED TMP1, IRS LED TMP2	H5T_C_S1	
									TLM_info_short_name	I LED MON TMP1, I LED MON TMP2	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Dim2	templ, temp2	H5T_C_S1	
									Minimum_valid_value	0	H5T_IEEE_F64LE	
									Maximum_valid_value	50	H5T_IEEE_F64LE	
									Unit	degree C	H5T_C_S1	
74		PD_temperature	PD温度モニタ	H5T_IEEE_F64LE	2	343			Data_description	PD temperature monitor	H5T_C_S1	
									TLM_info_tlmID	IR0569	H5T_C_S1	
									TLM_info_name	IRS PD TMP	H5T_C_S1	
									TLM_info_short_name	I PD MON TMP	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Minimum_valid_value	0	H5T_IEEE_F64LE	
									Maximum_valid_value	50	H5T_IEEE_F64LE	
									Unit	degree C	H5T_C_S1	
									75		Halogen_temperature	
TLM_info_tlmID	IR0570	H5T_C_S1										
TLM_info_name	IRS HAL TMP	H5T_C_S1										
TLM_info_short_name	I HAL MON TMP	H5T_C_S1										
Dim0	SWI, TIR	H5T_C_S1										
Dim1	scans	H5T_C_S1										
Minimum_valid_value	0	H5T_IEEE_F64LE										
Maximum_valid_value	50	H5T_IEEE_F64LE										
Unit	degree C	H5T_C_S1										
76		Blackbody_temperature	黒体モニタ温度	H5T_IEEE_F64LE	2	343	5					Data_description
									TLM_info_tlmID	IR0571, IR0572, IR0573, IR0574, IR0575	H5T_C_S1	
									TLM_info_name	IRS BLACK BODY TMP1, IRS BLACK BODY TMP2, IRS BLACK BODY TMP3, IRS BLACK BODY TMP4, IRS BLACK BODY TMP5	H5T_C_S1	
									TLM_info_short_name	I BB MON TMP1, I BB MON TMP2, I BB MON TMP3, I BB MON TMP4, I BB MON TMP5	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Dim2	templ-temp5	H5T_C_S1	
									Minimum_valid_value	0	H5T_IEEE_F64LE	
									Maximum_valid_value	50	H5T_IEEE_F64LE	
									Unit	degree C	H5T_C_S1	
77	Ancillary_data/HCE_SD	HCE_temperature	HCE_センサ計測温度	H5T_IEEE_F64LE	2	343	64		Data_description	HCE temperature monitor	H5T_C_S1	
									TLM_info_tlmID	IR0334-IR0397	H5T_C_S1	
									TLM_info_name	IRS HCE CH1 TMP-IRS HCE CH64 TMP	H5T_C_S1	
									TLM_info_short_name	I HCE TMP NUM1-I HCE TMP NUM64	H5T_C_S1	
									Minimum_valid_value	0	H5T_IEEE_F64LE	
									Maximum_valid_value	-999	H5T_IEEE_F64LE	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Dim2	templ-temp64	H5T_C_S1	
									Unit	degree C	H5T_C_S1	
78	Ancillary_data/TEC_SD	TEC_drv_status	TEC DRV ON/OFFステータス	H5T_STD_U8LE	2	343			Data_description	TEC drive ON/OFF status	H5T_C_S1	
									0 : OFF			
									1 : ON			
									TLM_info_tlmID	IR0576	H5T_C_S1	
									TLM_info_name	IRS TEC DRV ON/OFF	H5T_C_S1	
TLM_info_short_name	I TEC ONOFF	H5T_C_S1										
Dim0	SWI, TIR	H5T_C_S1										
Dim1	scans	H5T_C_S1										

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
79		TEC_mode	TEC MODEステータス	H5T_STD_U8LE	2	343			Data_description	TEC mode switch status 0 : Constant current control 1 : PI control	H5T_C_S1	
									TLM_info_tlmID	IR0577	H5T_C_S1	
									TLM_info_name	IRS TEC CNTL MODE	H5T_C_S1	
									TLM_info_short_name	I TEC CTRL ST	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
80		TEC_temperature	TEC TEMPステータス	H5T_STD_U8LE	2	343			Data_description	TEC temperature control setting value status 0 : Control temperature -32 degree C 1 : Control temperature -30 degree C	H5T_C_S1	
									TLM_info_tlmID	IR0578	H5T_C_S1	
									TLM_info_name	IRS TEC TMP STS	H5T_C_S1	
									TLM_info_short_name	I TEC TMP	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
81		TEC_current	TEC制御回路電流値	H5T_IEEE_F64LE	2	343			Data_description	TEC control current	H5T_C_S1	
									TLM_info_tlmID	IR0579	H5T_C_S1	
									TLM_info_name	IRS TEC CUR	H5T_C_S1	
									TLM_info_short_name	I TEC CUR	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Minimum_valid_value	0	H5T_IEEE_F64LE	
									Maximum_valid_value	2	H5T_IEEE_F64LE	
									Unit	A	H5T_C_S1	
									82		TEC_voltage	
TLM_info_tlmID	IR0580	H5T_C_S1										
TLM_info_name	IRS TEC VLT	H5T_C_S1										
TLM_info_short_name	I TEC VLT	H5T_C_S1										
Dim0	SWI, TIR	H5T_C_S1										
Dim1	scans	H5T_C_S1										
Minimum_valid_value	0	H5T_IEEE_F64LE										
Maximum_valid_value	2	H5T_IEEE_F64LE										
Unit	V	H5T_C_S1										
83		SWI_temperature	温度モニタ (SWIR焦点面温度)	H5T_IEEE_F64LE	2	343	2					Data_description
									TLM_info_tlmID	IR0581, IR0582	H5T_C_S1	
									TLM_info_name	IRS TEC SWIR TMP1, IRS TEC SWIR TMP2	H5T_C_S1	
									TLM_info_short_name	I TEC TMP MON1, I TEC TMP MON2	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Dim2	templ(narrow), temp2(wide)	H5T_C_S1	
									Minimum_valid_value(narrow)	-35	H5T_IEEE_F64LE	
									Maximum_valid_value(narrow)	-25	H5T_IEEE_F64LE	
									Minimum_valid_value(wide)	-35	H5T_IEEE_F64LE	
84	Ancillary_data/CCE_SD	STC_voltage_set_monitor	STC 出力電圧の設定値モニタ	H5T_IEEE_F64LE	2	343			Data_description	STC_voltage_set_monitor	H5T_C_S1	
									TLM_info_tlmID	IR0583	H5T_C_S1	
									TLM_info_name	IRS CCE STC SET VLT	H5T_C_S1	
									TLM_info_short_name	I CCE STC VLT SET MON	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Minimum_valid_value	0	H5T_IEEE_F64LE	
									Maximum_valid_value	22.721	H5T_IEEE_F64LE	
									Unit	Vrms	H5T_C_S1	
									85		STB_voltage_set_monitor	
TLM_info_tlmID	IR0584	H5T_C_S1										
TLM_info_name	IRS CCE STB SET VLT	H5T_C_S1										
TLM_info_short_name	I CCE STB VLT SET MON	H5T_C_S1										
Dim0	SWI, TIR	H5T_C_S1										
Dim1	scans	H5T_C_S1										
Minimum_valid_value	0	H5T_IEEE_F64LE										
Maximum_valid_value	2.754	H5T_IEEE_F64LE										
Unit	Vrms	H5T_C_S1										
86		STB_power_set_monitor	STB 位相設定値モニタ	H5T_IEEE_F64LE	2	343						Data_description
									TLM_info_tlmID	IR0585	H5T_C_S1	
									TLM_info_name	IRS CCE STB SET PHASE	H5T_C_S1	
									TLM_info_short_name	I CCE STB PWR SET MON	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Minimum_valid_value	271.2	H5T_IEEE_F64LE	
									Maximum_valid_value	327.9	H5T_IEEE_F64LE	
									Unit	degree	H5T_C_S1	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
87		CCE_status_monitor	ステータスマニタ	H5T_STD_U8LE	2	343			Data_description	CCE status monitor	H5T_C_S1	
									TLM_info_tlmID	IR0598	H5T_C_S1	
									TLM_info_name	IRS CCE STS	H5T_C_S1	
									TLM_info_short_name	I CCE ST MON	H5T_C_S1	
									Bit00(LSB)	STC OVI 0 : Normal 1 : OVI	H5T_C_S1	
									Bit01	STB OVI 0 : Normal 1 : OVI	H5T_C_S1	
									Bit02	TLM REQ RETRY 0 : No retry 1 : Retry	H5T_C_S1	
									Bit03	CMD RETRY 0 : No retry 1 : Retry	H5T_C_S1	
									Bit04	DRIVE TLM 0 : Update 1 : No update	H5T_C_S1	
									Bit05	CTRL TLM 0 : Update 1 : No update	H5T_C_S1	
									Bit06	COMN 0 : A 1 : B	H5T_C_S1	
									Bit07	IRS CCE temperature sensor 0 : TMP1 1 : TMP2	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
88		STC_voltage	STC 出力電圧実測値モニタ	H5T_IEEE_F64LE	2	343			Data_description	STC voltage monitor	H5T_C_S1	
									TLM_info_tlmID	IR0587	H5T_C_S1	
									TLM_info_name	IRS CCE STC VLT	H5T_C_S1	
									TLM_info_short_name	I CCE STC VLT MON	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Minimum_valid_value	0	H5T_IEEE_F64LE	
									Maximum_valid_value	23.435	H5T_IEEE_F64LE	
									Unit	Vrms	H5T_C_S1	
89		STC_current	STC 出力電流実測値モニタ	H5T_IEEE_F64LE	2	343			Data_description	STC current monitor	H5T_C_S1	
									TLM_info_tlmID	IR0588	H5T_C_S1	
									TLM_info_name	IRS CCE STC CUR	H5T_C_S1	
									TLM_info_short_name	I CCE STC CUR MON	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Minimum_valid_value	0	H5T_IEEE_F64LE	
									Maximum_valid_value	4.333	H5T_IEEE_F64LE	
									Unit	Arms	H5T_C_S1	
90		STC_power	STC 出力電力実測値モニタ	H5T_IEEE_F64LE	2	343			Data_description	STC power monitor	H5T_C_S1	
									TLM_info_tlmID	IR0589	H5T_C_S1	
									TLM_info_name	IRS CCE STC PWR MON	H5T_C_S1	
									TLM_info_short_name	I CCE STC PWR MON	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Minimum_valid_value	0	H5T_IEEE_F64LE	
									Maximum_valid_value	65.357	H5T_IEEE_F64LE	
									Unit	W	H5T_C_S1	
91		STB_voltage	STB 出力電圧実測値モニタ	H5T_IEEE_F64LE	2	343			Data_description	STB voltage monitor	H5T_C_S1	
									TLM_info_tlmID	IR0590	H5T_C_S1	
									TLM_info_name	IRS CCE STB VLT	H5T_C_S1	
									TLM_info_short_name	I CCE STB VLT MON	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Minimum_valid_value	0	H5T_IEEE_F64LE	
									Maximum_valid_value	2.55	H5T_IEEE_F64LE	
									Unit	Vrms	H5T_C_S1	
92		STB_current	STB 出力電流実測値モニタ	H5T_IEEE_F64LE	2	343			Data_description	STB current monitor	H5T_C_S1	
									TLM_info_tlmID	IR0591	H5T_C_S1	
									TLM_info_name	IRS CCE STB CUR	H5T_C_S1	
									TLM_info_short_name	I CCE STB CUR MON	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Minimum_valid_value	0	H5T_IEEE_F64LE	
									Maximum_valid_value	1.173	H5T_IEEE_F64LE	
									Unit	Arms	H5T_C_S1	
93		STB_power	STB 出力電力実測値モニタ	H5T_IEEE_F64LE	2	343			Data_description	STB power monitor	H5T_C_S1	
									TLM_info_tlmID	IR0592	H5T_C_S1	
									TLM_info_name	IRS CCE STB PWR MON	H5T_C_S1	
									TLM_info_short_name	I CCE STB PWR MON	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Minimum_valid_value	0	H5T_IEEE_F64LE	
									Maximum_valid_value	1.658	H5T_IEEE_F64LE	
									Unit	W	H5T_C_S1	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
94		Cold_stage_heater_voltage	ヒータ駆動電圧実測値モニタ	H5T_IEEE_F64LE	2	343			Data_description	Heat voltage monitor	H5T_C_S1	
									TLM_info_tlmID	IR0595	H5T_C_S1	
									TLM_info_name	IRS CCE HTR VLT	H5T_C_S1	
									TLM_info_short_name	I CCE HTR VLT MON	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Minimum_valid_value	0	H5T_IEEE_F64LE	
									Maximum_valid_value	9.96	H5T_IEEE_F64LE	
Unit	V	H5T_C_S1										
95		Cold_stage_heater_current	ヒータ駆動電流実測値モニタ	H5T_IEEE_F64LE	2	343			Data_description	Heat current monitor	H5T_C_S1	
									TLM_info_tlmID	IR0596	H5T_C_S1	
									TLM_info_name	IRS CCE HTR CUR	H5T_C_S1	
									TLM_info_short_name	I CCE HTR CUR MON	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Minimum_valid_value	0	H5T_IEEE_F64LE	
									Maximum_valid_value	99.6	H5T_IEEE_F64LE	
Unit	mA	H5T_C_S1										
96		Cold_stage_heater_power	ヒータ駆動電力実測値モニタ	H5T_IEEE_F64LE	2	343			Data_description	Heat power monitor	H5T_C_S1	
									TLM_info_tlmID	IR0597	H5T_C_S1	
									TLM_info_name	IRS CCE HTR PWR MON	H5T_C_S1	
									TLM_info_short_name	I CCE HTR PWR MON	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Minimum_valid_value	0	H5T_IEEE_F64LE	
									Maximum_valid_value	996	H5T_IEEE_F64LE	
Unit	mW	H5T_C_S1										
97	Ancillary_data/SMCU	Scan_rate	走査回転レート	H5T_IEEE_F64LE	2	343			Data_description	Scan rotation rate	H5T_C_S1	
									TLM_info_tlmID	IR0611	H5T_C_S1	
									TLM_info_name	IRS SMCU SCAN RATE	H5T_C_S1	
									TLM_info_short_name	I SM SCAN RATE	H5T_C_S1	
									Minimum_valid_value	0	H5T_IEEE_F64LE	
									Maximum_valid_value	127.5	H5T_IEEE_F64LE	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
Unit	rpm	H5T_C_S1										
98	Ancillary_data/Scan_angle	Scan_angle_ENG	走査角度データ	H5T_IEEE_F64LE	2	343	1000		Data_description	Scan angle data	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Dim2	1/1000 Revolution	H5T_C_S1	
Converted_PCD		—	—	—	—	—	—	—	Worst_orbit_source	0	H5T_STD_U8LE	
									Worst_orbit_source_data_description	Source of orbit data (GPS_position_ECR, GPS_velocity_ECR, GPS_position_ECI, GPS_velocity_ECI, Argument_of_latitude) 0 : Realtime PCD 1 : Decision Ephemeris 2 : Prediction Ephemeris	H5T_C_S1	
									Worst_attitude_source	0	H5T_STD_U8LE	
									Worst_attitude_source_data_description	Source of attitude data (Attitude_time, Attitude_error_angle, Attitude_angular_velocity, Attitude_flag, Quaternion, Quaternion_index, Quaternion_number) 0 : Realtime PCD (Quaternion) 1 : Realtime PCD (Eular angle) 2 : Nominal	H5T_C_S1	
99		Navigation_time	GPS航法時刻 [GPS]	H5T_IEEE_F64LE	354				Data_description	GPS navigation time	H5T_C_S1	
									Epoch_time	19800106 00:00:00	H5T_C_S1	
									Dim0	orbit records (1Hz)	H5T_C_S1	
									Unit	sec	H5T_C_S1	
100		GPS_position_ECR	GPS衛星位置 (WGS84座標系)	H5T_IEEE_F32LE	354	3			Data_description	GCOM-C position calculated by GPS	H5T_C_S1	
									Coordinate_system	WGS84	H5T_C_S1	
									Dim0	orbit records (1Hz)	H5T_C_S1	
									Dim1	x, y, z	H5T_C_S1	
101		GPS_velocity_ECR	GPS衛星速度 (WGS84座標系)	H5T_IEEE_F32LE	354	3			Data_description	GCOM-C velocity calculated by GPS	H5T_C_S1	
									Coordinate_system	WGS84	H5T_C_S1	
									Dim0	orbit records (1Hz)	H5T_C_S1	
									Dim1	Vx, Vy, Vz	H5T_C_S1	
102		GPS_position_ECI	GPS衛星位置 (J2000座標系)	H5T_IEEE_F32LE	354	3			Data_description	GCOM-C position calculated by GPS	H5T_C_S1	
									Coordinate_system	J2000	H5T_C_S1	
									Dim0	orbit records (1Hz)	H5T_C_S1	
									Dim1	x, y, z	H5T_C_S1	
103		GPS_velocity_ECI	GPS衛星速度 (J2000座標系)	H5T_IEEE_F32LE	354	3			Data_description	GCOM-C velocity calculated by GPS	H5T_C_S1	
									Coordinate_system	J2000	H5T_C_S1	
									Dim0	orbit records (1Hz)	H5T_C_S1	
									Dim1	Vx, Vy, Vz	H5T_C_S1	
104		Argument_of_latitude	緯度引数 (WGS84座標系) [真緯度引数]	H5T_IEEE_F32LE	354				Data_description	Argument of latitude (true anomaly)	H5T_C_S1	
									Coordinate_system	WGS84	H5T_C_S1	
									Dim0	orbit records (1Hz)	H5T_C_S1	
									Unit	degree	H5T_C_S1	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
105		Navigation_status	航法ステータス	H5T_STD_U32LE	354				Data_description	Navigation status	H5T_C_S1	
									Bit00(LSB)-01	navigation status 00 : Stop 01 : AG filter 10 : Kalman filter 11 : Kalman filter (Convergence)	H5T_C_S1	
									Bit02-07	spare	H5T_C_S1	
									Bit08-09	antenna (CH1) 00 : Not use 01 : GPSR-A 10 : GPSR-B 11 : N/A	H5T_C_S1	
									Bit10-11	antenna (CH2) 00 : Not use 01 : GPSR-A 10 : GPSR-B 11 : N/A	H5T_C_S1	
									Bit12-13	antenna (CH3) 00 : Not use 01 : GPSR-A 10 : GPSR-B 11 : N/A	H5T_C_S1	
									Bit14-15	antenna (CH4) 00 : Not use 01 : GPSR-A 10 : GPSR-B 11 : N/A	H5T_C_S1	
									Bit16-17	antenna (CH5) 00 : Not use 01 : GPSR-A 10 : GPSR-B 11 : N/A	H5T_C_S1	
									Bit18-19	antenna (CH6) 00 : Not use 01 : GPSR-A 10 : GPSR-B 11 : N/A	H5T_C_S1	
									Bit20-21	antenna (CH7) 00 : Not use 01 : GPSR-A 10 : GPSR-B 11 : N/A	H5T_C_S1	
106	Attitude_time	姿勢決定時刻 [GPS]	H5T_IEEE_F64LE	354					Dim0	Realtime PCD records (1Hz)	H5T_C_S1	
									Data_description	Time when attitude determined	H5T_C_S1	
									Epoch_time	19800106 00:00:00	H5T_C_S1	
									Dim0	attitude records (1Hz)	H5T_C_S1	
									Unit	sec	H5T_C_S1	
107	Attitude_error_angle	姿勢誤差 [軌道面座標系]	H5T_IEEE_F32LE	354	3				Data_description	Attitude error	H5T_C_S1	
									Dim0	attitude records (1Hz)	H5T_C_S1	
									Dim1	Roll, Pitch, Yaw	H5T_C_S1	
									Unit	degree	H5T_C_S1	
108	Attitude_angular_velocity	姿勢角速度 [軌道面座標系]	H5T_IEEE_F32LE	354	3				Data_description	Attitude angular velocity	H5T_C_S1	
									Dim0	attitude records (1Hz)	H5T_C_S1	
									Dim1	Roll, Pitch, Yaw	H5T_C_S1	
									Unit	degree/sec	H5T_C_S1	
109	Attitude_flag	姿勢フラグ	H5T_STD_U8LE	354					Data_description	Quaternion usable / unusable flag 0 : ESA/IRU (quaternion unusable) 1 : STT/IRU (quaternion usable) 255 : Error value	H5T_C_S1	
									Dim0	attitude records (1Hz)	H5T_C_S1	
110	Quaternion	クォータニオン	H5T_IEEE_F32LE	354	11	4			Data_description	Quaternion(9-11 data per sec)	H5T_C_S1	
									Error_value	-999.99	H5T_IEEE_F32LE	
									Dim0	attitude records (1Hz)	H5T_C_S1	
									Dim1	Maximum number of quaternions (unusable area is stored with indefinite value)	H5T_C_S1	
111	Quaternion_index	姿勢決定時刻インデックス	H5T_STD_U8LE	354					Dim2	q1, q2, q3, q4(scalar)	H5T_C_S1	
									Data_description	Quaternion index (0-10) corresponds to "Att_time"	H5T_C_S1	
									Error_value	255	H5T_STD_U8LE	
									Minimum_valid_value	0	H5T_STD_U8LE	
									Maximum_valid_value	10	H5T_STD_U8LE	
Dim0	attitude records (1Hz)	H5T_C_S1										

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
112		Quaternion_number	クォータニオンの有効数	H5T_STD_U8LE	354				Data_description	Available number of quaternion	H5T_C_S1	
									Error_value	255	H5T_STD_U8LE	
									Minimum_valid_value	9	H5T_STD_U8LE	
									Maximum_valid_value	11	H5T_STD_U8LE	
									Dim0	attitude records (1Hz)	H5T_C_S1	
113		AOCS_mode	AOCS制御モード	H5T_STD_U8LE	354			Data_description	AOCS(attitude and Orbit Control System) control mode	H5T_C_S1		
								Bit00(LSB)-07	Control Mode / Control Sub Mode 01110000 : Normal control / Not execute unloading 01110001 : Normal control / Execute magnetic unloading 01110010 : Normal control / Execute thruster unloading 10000000 : Orbit control / Attitude control thruster Delta-V (pitch and yaw-failure) 10000001 : Orbit control / Orbit control thruster (normal) 10000010 : Orbit control / Orbit control thruster Delta-V (pitch-failure) 10000011 : Orbit control / Orbit control thruster Delta-V (yaw-failure) 10000100 : Orbit control / Attitude control thruster(Three axis stabilized attitude control) 10000101 : Orbit control / Delta-V Idling 10000110 : Orbit control / Yaw around (first half) 10000111 : Orbit control / Yaw around (last half) 10010000 : Calibration Maneuver / Solar calibration or Gain deviation maneuver(First maneuver) 10010001 : Calibration Maneuver / Solar calibration or Gain deviation maneuver(Second maneuver) 10010010 : Calibration Maneuver / Solar calibration or Gain deviation maneuver(Third maneuver) 10010011 : Calibration Maneuver / Lunar calibration maneuver(First maneuver) 10010100 : Calibration Maneuver / Lunar calibration maneuver(Second maneuver) 10010101 : Calibration Maneuver / Lunar calibration maneuver(Third maneuver) Others : Not defined	H5T_C_S1		
								Error_value	255	H5T_C_S1		
								Dim0	Realtime PCD records (1Hz)	H5T_C_S1		
114		Orbit_source	軌道情報の源泉種別	H5T_STD_U8LE	354				Data_description	Source of orbit data(GPS_position_ECR,GPS_velocity_ECR,GPS_position_ECI,GPS_velocity_ECI,Argument_of_latitude) 0 : Realtime PCD 1 : Decision Ephemeris 2 : Prediction Ephemeris	H5T_C_S1	
115		Attitude_source	姿勢情報の源泉種別	H5T_STD_U8LE	354				Dim0	orbit records (1Hz)	H5T_C_S1	
									Data_description	Source of attitude data (Attitude_time, Attitude_error_angle, Attitude_angular_velocity, Attitude_flag, Quaternion, Quaternion_index, Quaternion_number) 0 : Realtime PCD (Quaternion) 1 : Realtime PCD (Eular angle) 2 : Nominal	H5T_C_S1	
								Dim0	attitude records (1Hz)	H5T_C_S1		
	Geometry_parameter								Geometry_parameter_version	0002	H5T_C_S1	
116		Sensor_position	センサの視線原点の位置 [衛星固定座標系]	H5T_IEEE_F64LE	3				Data_description	Sensor base position	H5T_C_S1	
									Dim0	x, y, z	H5T_C_S1	
								Unit	mm	H5T_C_S1		
117		GPSR_position	GPSR位置[衛星固定座標系]	H5T_IEEE_F64LE	2	3			Data_description	GPSR position	H5T_C_S1	
									Dim0	Antenna-A, Antenna-B	H5T_C_S1	
									Dim1	x, y, z	H5T_C_S1	
									Unit	mm	H5T_C_S1	
118		DTC_sensor_alignment	取付アライメント	H5T_IEEE_F64LE	3	3			Data_description	Sensor alignment	H5T_C_S1	
									Dim0	Rows	H5T_C_S1	
									Dim1	Columns	H5T_C_S1	
									Unit	N/A	H5T_C_S1	
119		DTC_primary_change_rate	一次変化率	H5T_IEEE_F64LE	3				Data_description	Primary change rate	H5T_C_S1	
									Dim0	lx, ly, lz	H5T_C_S1	
									Unit	radian/day	H5T_C_S1	
120		DTC_exponential_amplitude	指数項振幅	H5T_IEEE_F64LE	3				Data_description	Exponential term amplitude	H5T_C_S1	
									Dim0	Ax, Ay, Az	H5T_C_S1	
									Unit	N/A	H5T_C_S1	
121		DTC_exponential_time_constant	指数項時定数	H5T_IEEE_F64LE	1				Data_description	Exponential term time constant	H5T_C_S1	
									Unit	day	H5T_C_S1	
122		DTC_long_period	長周期(長周期バイアス変動)	H5T_IEEE_F64LE	1				Data_description	Long round period	H5T_C_S1	
									Epoch_time	20000101	H5T_C_S1	
								Unit	day	H5T_C_S1		

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No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
123		DTC_long_fourier_coef	フーリエ級数係数(1年周期変動バイアス)	H5T_IEEE_F64LE	6	8			Data_description	Fourier series coefficient (Long round period)	H5T_C_S1	
									Dim0	ax, bx, ay, by, az, bz	H5T_C_S1	
									Dim1	degree1-degree8	H5T_C_S1	
									Unit	N/A	H5T_C_S1	
124		DTC_orbit_period	軌道周期(熱歪軌道周回変動)	H5T_IEEE_F64LE	1			Data_description	Orbit period	H5T_C_S1		
								Unit	min	H5T_C_S1		
								Unit	min	H5T_C_S1		
125		DTC_orbit_fourier_coef	フーリエ級数係数(熱歪軌道周回変動)	H5T_IEEE_F64LE	6	8			Data_description	Fourier series coefficient (Orbit period)	H5T_C_S1	
									Dim0	ax, bx, ay, by, az, bz	H5T_C_S1	
									Dim1	degree1-degree8	H5T_C_S1	
									Unit	N/A	H5T_C_S1	
126		SCN_sensor_alignment	取付アライメント	H5T_IEEE_F64LE	3	3			Data_description	Sensor alignment	H5T_C_S1	
									Dim0	Rows	H5T_C_S1	
									Dim1	Columns	H5T_C_S1	
									Unit	N/A	H5T_C_S1	
127		SCN_primary_change_rate	一次変化率	H5T_IEEE_F64LE	3				Data_description	Primary change rate	H5T_C_S1	
									Dim0	lx, ly, lz	H5T_C_S1	
									Unit	radian/day	H5T_C_S1	
128		SCN_exponential_amplitude	指数項振幅	H5T_IEEE_F64LE	3				Data_description	Exponential term amplitude	H5T_C_S1	
									Dim0	Ax, Ay, Az	H5T_C_S1	
									Unit	N/A	H5T_C_S1	
129		SCN_exponential_time_constant	指数項時定数	H5T_IEEE_F64LE	1				Data_description	Exponential term time constant	H5T_C_S1	
									Unit	day	H5T_C_S1	
130		SCN_long_period	長周期(長周期バイアス変動)	H5T_IEEE_F64LE	1				Data_description	Long round period	H5T_C_S1	
									Epoch time	20000101	H5T_C_S1	
									Unit	day	H5T_C_S1	
131		SCN_long_fourier_coef	フーリエ級数係数(1年周期変動バイアス)	H5T_IEEE_F64LE	6	8			Data_description	Fourier series coefficient (Long round period)	H5T_C_S1	
									Dim0	ax, bx, ay, by, az, bz	H5T_C_S1	
									Dim1	degree1-degree8	H5T_C_S1	
									Unit	N/A	H5T_C_S1	
132		SCN_orbit_period	軌道周期(熱歪軌道周回変動)	H5T_IEEE_F64LE	1				Data_description	Orbit period	H5T_C_S1	
									Unit	min	H5T_C_S1	
133		SCN_orbit_fourier_coef	フーリエ級数係数(熱歪軌道周回変動)	H5T_IEEE_F64LE	6	8			Data_description	Fourier series coefficient (Orbit period)	H5T_C_S1	
									Dim0	ax, bx, ay, by, az, bz	H5T_C_S1	
									Dim1	degree1-degree8	H5T_C_S1	
									Unit	N/A	H5T_C_S1	
134		Rotation_angle_ref	走査ミラー回転原点の回転角	H5T_IEEE_F64LE	1				Data_description	Rotation angle ref	H5T_C_S1	
									Unit	degree	H5T_C_S1	
135		Motor_linearity_coef	走査モータ機構の走査リニアリティ補正係数	H5T_IEEE_F64LE	2	10			Data_description	Motor linearity correction coefficient	H5T_C_S1	
									Dim0	correction function, reverse function	H5T_C_S1	
									Dim1	A0(B0)-A9(B9)	H5T_C_S1	
									Unit	N/A	H5T_C_S1	
136		Geo_opt_SW1	画素視線ベクトル算出用デバイス位置(SW1)[デバイス座標系]	H5T_IEEE_F64LE	3	3	5		Data_description	Detector vector parameter (SW1)	H5T_C_S1	
									Dim0	SW1, SW2, SW4	H5T_C_S1	
									Dim1	d_ct, d_at, f	H5T_C_S1	
									Dim2	pixel01-pixel05	H5T_C_S1	
137		Geo_opt_SW3	画素視線ベクトル算出用デバイス位置(SW3)[デバイス座標系]	H5T_IEEE_F64LE	3	20			Data_description	Detector vector parameter (SW1/SW3)	H5T_C_S1	
									Dim0	d_ct, d_at, f	H5T_C_S1	
									Dim1	pixel01-pixel20	H5T_C_S1	
									Unit	mm	H5T_C_S1	
138		Geo_opt_TIR	画素視線ベクトル算出用デバイス位置(TIR)[デバイス座標系]	H5T_IEEE_F64LE	4	3	20		Data_description	Detector vector parameter (TIR)	H5T_C_S1	
									Dim0	TI1-A, TI1-B, TI2-A, TI2-B	H5T_C_S1	
									Dim1	d_ct, d_at, f	H5T_C_S1	
									Dim2	pixel01-pixel20	H5T_C_S1	
139		IRS_sample_start_number	IRS T1~T6パラメータ値 (サンプル開始番号)	H5T_STD_U16LE	6	3			Data_description	sample start number of IRS scan	H5T_C_S1	
									Dim0	T1-T6	H5T_C_S1	
									Dim1	1km, 500m, 250m	H5T_C_S1	
									Unit	sample (1 origin)	H5T_C_S1	
140		IRS_sample_start_time	IRS T1~T6パラメータ値 (サンプル開始時間)	H5T_IEEE_F64LE	6				Data_description	sample start time of IRS scan	H5T_C_S1	
									Dim0	T1-T6	H5T_C_S1	
									Unit	msec	H5T_C_S1	
141		IRS_delta_ts	Δts	H5T_IEEE_F64LE	3	3			Data_description	sampling interval of IRS scan	H5T_C_S1	
									Dim0	(SW1&SW2&SW4), SW3, TIR	H5T_C_S1	
									Dim1	1km, 500m, 250m	H5T_C_S1	
									Unit	usec	H5T_C_S1	
142		K_DELAY	相対遅延サンプル (K_DELAY)	H5T_IEEE_F64LE	6	20			Data_description	K DELAY: relative sample delay	H5T_C_S1	
									Dim0	SW1, SW2, SW3(250m), SW3(1km), SW4, TIR	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
143	Radiometric_parameter	Offset_deepspace_SW1	深宇宙カウントから求める分光放射輝度算出用オフセット(SW1)	H5T_IEEE_F32LE	1715				Data_description	Radiometric offset parameter from deep space	H5T_C_S1	
									Dim0	counts	H5T_C_S1	
									Unit	Count	H5T_C_S1	
144		Offset_deepspace_SW2	深宇宙カウントから求める分光放射輝度算出用オフセット(SW2)	H5T_IEEE_F32LE	1715				Data_description	Radiometric offset parameter from deep space	H5T_C_S1	
									Dim0	counts	H5T_C_S1	
									Unit	Count	H5T_C_S1	
145		Offset_deepspace_SW3	深宇宙カウントから求める分光放射輝度算出用オフセット(SW3)	H5T_IEEE_F32LE	1715				Data_description	Radiometric offset parameter from deep space	H5T_C_S1	
									Dim0	counts	H5T_C_S1	
									Unit	Count	H5T_C_S1	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
146		Offset_deepspace_SW4	深宇宙カウントから求める分光放射輝度算出用オフセット(SW4)	H5T_IEEE_F32LE	1715				Data_description	Radiometric offset parameter from deep space counts	H5T_C_S1	
									Dim0	lines	H5T_C_S1	
									Unit	Count	H5T_C_S1	
147		Offset_deepspace_TIR1	深宇宙カウントから求める分光放射輝度算出用オフセット(TI1)	H5T_IEEE_F32LE	3430				Data_description	Radiometric offset parameter from deep space counts	H5T_C_S1	
									Dim0	lines	H5T_C_S1	
									Unit	Count	H5T_C_S1	
148		Offset_deepspace_TIR2	深宇宙カウントから求める分光放射輝度算出用オフセット(TI2)	H5T_IEEE_F32LE	3430				Data_description	Radiometric offset parameter from deep space counts	H5T_C_S1	
									Dim0	lines	H5T_C_S1	
									Unit	Count	H5T_C_S1	
149		Offset_blackbody_TIR1	黒体カウントから求める分光放射輝度算出用オフセット(TI1)	H5T_IEEE_F32LE	3430				Data_description	Radiometric offset parameter from black body counts	H5T_C_S1	
									Dim0	lines	H5T_C_S1	
									Unit	Count	H5T_C_S1	
150		Offset_blackbody_TIR2	黒体カウントから求める分光放射輝度算出用オフセット(TI2)	H5T_IEEE_F32LE	3430				Data_description	Radiometric offset parameter from black body counts	H5T_C_S1	
									Dim0	lines	H5T_C_S1	
									Unit	Count	H5T_C_S1	
151		Blackbody_radiation_rate	校正黒体輻射率	H5T_IEEE_F32LE	2				Data_description	The rate of black body radiation	H5T_C_S1	
									Dim0	lines	H5T_C_S1	
									Unit	Count	H5T_C_S1	
152		Blackbody_temperature	平均黒体温度	H5T_IEEE_F32LE	343				Data_description	Black body average temperature	H5T_C_S1	
									Dim0	scans	H5T_C_S1	
									Unit	degree C	H5T_C_S1	
153		Blackbody_environment_temperature	平均黒体周辺温度	H5T_IEEE_F32LE	343				Data_description	Black body environment average temperature	H5T_C_S1	
									Dim0	scans	H5T_C_S1	
									Unit	degree C	H5T_C_S1	
154	Data_quality_flag	Qf_scan_SW1	スキャン品質フラグ(SW1, 2, 4)	H5T_STD_U8LE	3	1715			Data_description	Quality flag of each scan	H5T_C_S1	
									Dim0	SW1, SW2, SW4	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Bit00(LSB)-002	Quality flag 000 : Normal line 001 : Lack line 011 : Lack line (1km/500m->250m or 1km->500m) 100 : Lack line (for calibration) 101 : Lack line (for synchronization between sensors) 010 : Resampling line (250m->1km/500m) 110 : Resampling line (500m->1km) 111 : Mixed line (000, 001, 011, 100, 101, 010, 110)	H5T_C_S1	
155		Qf_scan_SW3	スキャン品質フラグ(SW3)	H5T_STD_U8LE	1715				Data_description	Quality flag of each scan	H5T_C_S1	
									Dim0	lines	H5T_C_S1	
									Bit00(LSB)-002	Quality flag 000 : Normal line 001 : Lack line 011 : Lack line (1km/500m->250m or 1km->500m) 100 : Lack line (for calibration) 101 : Lack line (for synchronization between sensors) 010 : Resampling line (250m->1km/500m) 110 : Resampling line (500m->1km) 111 : Mixed line (000, 001, 011, 100, 101, 010, 110)	H5T_C_S1	
156		Qf_scan_TIR	スキャン品質フラグ(TIR)	H5T_STD_U8LE	2	3430			Data_description	Quality flag of each scan	H5T_C_S1	
									Dim0	TIR1, TIR2	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Bit00(LSB)-002	Quality flag 000 : Normal line 001 : Lack line 011 : Lack line (1km/500m->250m or 1km->500m) 100 : Lack line (for calibration) 101 : Lack line (for synchronization between sensors) 010 : Resampling line (250m->1km/500m) 110 : Resampling line (500m->1km) 111 : Mixed line (000, 001, 011, 100, 101, 010, 110)	H5T_C_S1	
157		Qf_data_SW1	データ品質フラグ(SW1, 2, 4)	H5T_STD_U16LE	1715	1146			Data_description	Quality flag of each pixel	H5T_C_S1	
									Bit00(LSB)-Bit03	Stray-light quantity flag SW1 SW2 SW4 0 : Less than threshold 1 : More than threshold	H5T_C_S1	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
158		Qf_data_SW3	データ品質フラグ(SW3)	H5T_STD_U16LE	1715	1146			Data_description	Quality flag of each pixel	H5T_C_S1	
									Bit00(LSB)	Stray-light quantity flag SW3 0 : Less than threshold 1 : More than threshold	H5T_C_S1	
									Dim0	lines	H5T_C_S1	
								Dim1	pixels	H5T_C_S1		

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
159		Qf_data_TIR	データ品質フラグ(TIR)	H5T_STD_U16LE	3430	2292			Data_description	Quality flag of each pixel	H5T_C_S1	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
160		Qf_data_stray	迷光補正量	H5T_STD_U8LE	1715	1146			Data_description	This dataset isn't used.	H5T_C_S1	
									Band_width	0.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	0.0	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	237.5784	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m ² /um	H5T_C_S1	
									Error_DN	255	H5T_STD_U8LE	
									Maximum_valid_DN	254	H5T_STD_U8LE	
									Minimum_valid_DN	0	H5T_STD_U8LE	
									Saturation_radiance	0.0	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1	
									Spatial_resolution	1000.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	W/m ² /um/sr	H5T_C_S1	
Slope	0.007	H5T_IEEE_F32LE										
Offset	0	H5T_IEEE_F32LE										
161		Qf_GPS	GPSの受信状況	H5T_STD_U8LE	354			Data_description	Quality flag of GPS 0 : GPS time standard 1 : DMS time standard	H5T_C_S1		
								Dim0	orbit records (1Hz)	H5T_C_S1		
162		Qf_sc_position	衛星の位置の品質フラグ	H5T_STD_U8LE	354			Data_description	Quality flag of GCOM-C position 0 : Normal 1 : Satellite position value falls outside the normal range(or Error value)	H5T_C_S1		
								Dim0	orbit records (1Hz)	H5T_C_S1		
163		Qf_sc_velocity	衛星の速度の品質フラグ	H5T_STD_U8LE	354			Data_description	Quality flag of GCOM-C velocity 0 : Normal 1 : Satellite velocity value falls outside the normal range(or Error value)	H5T_C_S1		
								Dim0	orbit records (1Hz)	H5T_C_S1		
164		Qf_sc_attitude_quaternion	衛星の姿勢 (クォータニオン) の品質フラグ	H5T_STD_U8LE	354			Data_description	Quality flag of GCOM-C quaternion 0 : Normal 1 : Abnormal(or Error value)	H5T_C_S1		
								Dim0	attitude records (1Hz)	H5T_C_S1		
165		Qf_sc_attitude_eular_angle	衛星の姿勢 (オイラー角) の品質フラグ	H5T_STD_U8LE	354			Data_description	Quality flag of GCOM-C eular angle 0 : Normal 1 : Abnormal(or Error value)	H5T_C_S1		
								Dim0	attitude records (1Hz)	H5T_C_S1		
166		Qf_sc_status	衛星の状態を示すフラグ	H5T_STD_U8LE	354			Data_description	Quality flag of GCOM-C status 0 : Normal 1 : Possibly less accurate around maneuver or tilt	H5T_C_S1		
								Dim0	orbit records (1Hz)	H5T_C_S1		
167		Qf_sun_calibration	太陽光校正フラグ(SWIのみ)	H5T_STD_U8LE	343			Data_description	Quality flag of Sun calibration (SWI only) 0 : Not Sun calibration(Solar elevation value is within the normal range) 1 : Sun calibration(Solar elevation value falls outside the normal range)	H5T_C_S1	Quality flag of Sun calibration 0 : Normal observation 1 : Sun calibration	
								Dim0	scans	H5T_C_S1		
168		Qf_Internal_light_calibration	内部光源校正フラグ(SWIのみ)	H5T_STD_U8LE	343			Data_description	Quality flag of Internal light calibration (SWI only) 0 : Not internal light calibration 1 : Internal light calibration	H5T_C_S1		
								Dim0	scans	H5T_C_S1		
169		Qf_electric_calibration	電気校正フラグ	H5T_STD_U8LE	2	343			Data_description	Quality flag of electrical calibration 0 : Not electrical calibration 1 : Electrical calibration	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
170		Qf_maneuver	マヌーバ校正フラグ	H5T_STD_U8LE	2	343			Data_description	Quality flag of maneuver 0 : Not maneuver 1 : Not maneuver(out of range) 11 : Maneuver(Moon, out of range) 12 : Maneuver(Moon, in of range) 13 : Maneuver(Moon, indefinite) 21 : Maneuver(Sun/Gain deviation) 22 : Maneuver(Sun/Gain deviation, indefinite) 31 : Orbit Control Mode(STT/IRU) 32 : Orbit Control Mode(STT/IRU, indefinite) 33 : Orbit Control Mode(not STT/IRU) 34 : Orbit Control Mode(not STT/IRU, indefinite) 255 : AOCs Control Mode Error value(nominal attitude)	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
171		Qf_LWIR_temperature	LWIR(TIR)温度の品質フラグ	H5T_STD_U8LE	343				Data_description	Quality flag of LWIR (TIR) temperature 0 : Normal 1 : LWIR temperature falls outside the normal range	H5T_C_S1	
									Dim0	scans	H5T_C_S1	
172		Qf_SWIR_temperature	SWIR温度の品質フラグ	H5T_STD_U8LE	343	2			Data_description	Quality flag of SWIR (SWIR) temperature 0 : Normal 1 : SWIR temperature falls outside the normal range	H5T_C_S1	
									Dim0	scans	H5T_C_S1	
									Dim1	temp1(narrow), temp2(wide)	H5T_C_S1	
173		Qf_LED_temperature	LED温度の品質フラグ	H5T_STD_U8LE	343				Data_description	Quality flag of LED temperature 0 : Normal 1 : LED temperature falls outside the normal range	H5T_C_S1	
									Dim0	scans	H5T_C_S1	
174		Qf_halogen_temperature	ハロゲン温度の品質フラグ	H5T_STD_U8LE	343				Data_description	Quality flag of Halogen temperature 0 : Normal 1 : Halogen temperature falls outside the normal range	H5T_C_S1	
									Dim0	scans	H5T_C_S1	
175		Qf_blackbody_temperature	黒体温度の品質フラグ	H5T_STD_U8LE	343				Data_description	Quality flag of Blackbody temperature temperature1 - temperature5 0 : Normal 1 : Blackbody temperature falls outside the normal range	H5T_C_S1	
									Dim0	scans	H5T_C_S1	
176		Qf_ASP_temperature	ASP温度の品質フラグ	H5T_STD_U8LE	343				Data_description	Quality flag of ASP temperature ASP temperature 0 : Normal 1 : ASP temperature falls outside the normal range	H5T_C_S1	
									Dim0	scans	H5T_C_S1	
177		Qf_preamp_temperature	プリアンプ温度の品質フラグ	H5T_STD_U8LE	343				Data_description	Quality flag of Preamp temperature Preamp temperature 0 : Normal 1 : Preamp temperature falls outside the normal range	H5T_C_S1	
									Dim0	scans	H5T_C_S1	
178		Qf_around_blackbody_temperature	黒体周辺温度の品質フラグ	H5T_STD_U8LE	343				Data_description	Quality flag of temperature around blackbody temperature around blackbody 0 : Normal 1 : Temperature around Blackbody falls outside the normal range	H5T_C_S1	
									Dim0	scans	H5T_C_S1	
179		Qf_moon_interference	深宇宙窓からの月影響算出フラグ	H5T_STD_U16LE	343				Data_description	Flag of moon interference in deep space window SW1-SW4, T11-T12 0 : No affect 1 : Affect	H5T_C_S1	
									Dim0	scans	H5T_C_S1	
180		Qf_scan_rate	走査回転フラグ	H5T_STD_U8LE	343				Data_description	Flag of scan rotation rate 0 : No affect 1 : Affect	H5T_C_S1	
									Dim0	scans	H5T_C_S1	
181		Qf_gain_SW1	ゲイン値の算出フラグ(SW1) 分光放射輝度算出に使用したゲイン値の品質フラグ(SW1)	H5T_STD_U16LE	1715				Data_description	Quality flag of gain (SW1, SW2, SW4)	H5T_C_S1	
									Bit00(LSB)-Bit02	SW1, SW2, SW4 0 : Good precision 1 : Bad precision	H5T_C_S1	
182		Qf_gain_SW3	ゲイン値の算出フラグ(SW3) 分光放射輝度算出に使用したゲイン値の品質フラグ(SW3)	H5T_STD_U16LE	1715				Data_description	Quality flag of gain (SW3)	H5T_C_S1	
									Bit00(LSB)	SW3 0 : Good precision 1 : Bad precision	H5T_C_S1	
									Dim0	lines	H5T_C_S1	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考					
183		Qf_gain_TIR	ゲイン値の算出フラグ(TIR) 分光放射輝度算出に使用したゲイン値の品質フラグ(TIR)	H5T_STD_U16LE	3430				Data_description	Quality flag of gain (TIR)	H5T_C_S1						
									Bit00 (LSB)-Bit01	TI1-TI2 0 : Good precision 1 : Bad precision	H5T_C_S1						
									Dim0	lines	H5T_C_S1						
184		Qf_offset_SWI	オフセット値の算出フラグ(SWI) 分光放射輝度算出に使用したオフセット値の品質フラグ(SWI)	H5T_STD_U16LE	1715				Data_description	Quality flag of offset (SW1, SW2, SW4)	H5T_C_S1						
									Bit00 (LSB)-Bit02	SW1, SW2, SW4 0 : Good precision 1 : Bad precision	H5T_C_S1						
									Dim0	lines	H5T_C_S1						
185		Qf_offset_SW3	オフセット値の算出フラグ(SW3) 分光放射輝度算出に使用したオフセット値の品質フラグ(SW3)	H5T_STD_U16LE	1715				Data_description	Quality flag of offset (SW3)	H5T_C_S1						
									Bit00 (LSB)	SW3 0 : Good precision 1 : Bad precision	H5T_C_S1						
									Dim0	lines	H5T_C_S1						
186		Qf_offset_TIR	オフセット値の算出フラグ(TIR) 分光放射輝度算出に使用したオフセット値の品質フラグ(TIR)	H5T_STD_U16LE	3430				Data_description	Quality flag of offset	H5T_C_S1						
									Bit00 (LSB)-Bit01	TI1-TI2 0 : Good precision 1 : Bad precision	H5T_C_S1						
									Dim0	lines	H5T_C_S1						
187		Saturation_num_in_line_SWI	飽和輝度値の数(SWI1, 2, 4)	H5T_STD_U16LE	3	1715			Data_description	Number of saturation data in line (SWI1, 2, 4)	H5T_C_S1	数のカウント方法、飽和の判定条件はVNR-NPと同じ。 デジタルカウント値の飽和しきい値は、チャンネルごとの処理パラメータ					
									Dim0	SWI1, 2, 4	H5T_C_S1						
									Dim1	lines	H5T_C_S1						
188		Saturation_num_in_line_SW3	飽和輝度値の数(SWI3)	H5T_STD_U16LE	1715				Data_description	Number of saturation data in line (SWI3)	H5T_C_S1	数のカウント方法、飽和の判定条件はVNR-NPと同じ。 デジタルカウント値の飽和しきい値は、分解能ごとの処理パラメータ					
									Dim0	lines	H5T_C_S1						
									Dim1	lines	H5T_C_S1						
189		Saturation_num_in_line_TIR	飽和輝度値の数(TIR1, 2)	H5T_STD_U16LE	2	3430			Data_description	Number of saturation data in line (TIR)	H5T_C_S1	数のカウント方法、飽和の判定条件はVNR-NPと同じ。 デジタルカウント値の飽和しきい値は、チャンネル、分解能ごとの処理パラメータ					
									Dim0	TIR1, 2	H5T_C_S1						
									Dim1	lines	H5T_C_S1						
189	Geometry_data	—	—	—	—	—	—	—	Number_of_lines	5435	H5T_STD_I32LE						
									Number_of_pixels	173	H5T_STD_I32LE						
									Latitude_unit	degree North	H5T_C_S1						
									Longitude_unit	degree East	H5T_C_S1						
									Upper_left_latitude	31.771229	H5T_IEEE_F32LE		Error_value:-999.99				
									Upper_left_longitude	177.67711	H5T_IEEE_F32LE		Error_value:-999.99				
									Upper_right_latitude	34.70099	H5T_IEEE_F32LE		Error_value:-999.99				
									Upper_right_longitude	158.7626	H5T_IEEE_F32LE		Error_value:-999.99				
									Lower_left_latitude	45.7335	H5T_IEEE_F32LE		Error_value:-999.99				
									Lower_left_longitude	-175.31715	H5T_IEEE_F32LE		Error_value:-999.99				
									Lower_right_latitude	49.363934	H5T_IEEE_F32LE		Error_value:-999.99				
									Lower_right_longitude	161.3183	H5T_IEEE_F32LE		Error_value:-999.99				
									Latitude_SW1	格子点緯度 (SW1)	H5T_IEEE_F32LE		1715	116	Data_description	Latitude grid points of SW1(No elevation)	H5T_C_S1
															Minimum_valid_value	-90	H5T_IEEE_F32LE
															Maximum_valid_value	90	H5T_IEEE_F32LE
															Error_value	-999.99	H5T_IEEE_F32LE
															Data_interval_pixel	10	H5T_STD_I32LE
					Data_interval_line	1	H5T_STD_I32LE										
					Dim0	Line grids	H5T_C_S1										
					Dim1	Pixel grids	H5T_C_S1										
					Unit	degree	H5T_C_S1										
191		Latitude_SW2	格子点緯度 (SW2)	H5T_IEEE_F32LE	1715	116			Data_description	Latitude grid points of SW2(No elevation)	H5T_C_S1						
									Minimum_valid_value	-90	H5T_IEEE_F32LE						
									Maximum_valid_value	90	H5T_IEEE_F32LE						
									Error_value	-999.99	H5T_IEEE_F32LE						
									Data_interval_pixel	10	H5T_STD_I32LE						
									Data_interval_line	1	H5T_STD_I32LE						
									Dim0	Line grids	H5T_C_S1						
									Dim1	Pixel grids	H5T_C_S1						
									Unit	degree	H5T_C_S1						

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
192		Latitude_SW3	格子点緯度(SW3 250m解像度時のみ)	H5T_IEEE_F32LE	1715	116		Data_description	Latitude grid points of SW3(No elevation)	H5T_C_S1		
								Minimum_valid_value	-90	H5T_IEEE_F32LE		
								Maximum_valid_value	90	H5T_IEEE_F32LE		
								Error_value	-999.99	H5T_IEEE_F32LE		
								Data_interval_pixel	10	H5T_STD_I32LE		
								Data_interval_line	1	H5T_STD_I32LE		
								Dim0	Line grids	H5T_C_S1		
								Dim1	Pixel grids	H5T_C_S1		
								Unit	degree	H5T_C_S1		
								193		Latitude_SW4		格子点緯度 (SW4)
Minimum_valid_value	-90	H5T_IEEE_F32LE										
Maximum_valid_value	90	H5T_IEEE_F32LE										
Error_value	-999.99	H5T_IEEE_F32LE										
Data_interval_pixel	10	H5T_STD_I32LE										
Data_interval_line	1	H5T_STD_I32LE										
Dim0	Line grids	H5T_C_S1										
Dim1	Pixel grids	H5T_C_S1										
Unit	degree	H5T_C_S1										
194		Latitude_TI1	格子点緯度 (TI1)	H5T_IEEE_F32LE	3430	231					Data_description	
								Minimum_valid_value	-90	H5T_IEEE_F32LE		
								Maximum_valid_value	90	H5T_IEEE_F32LE		
								Error_value	-999.99	H5T_IEEE_F32LE		
								Data_interval_pixel	10	H5T_STD_I32LE		
								Data_interval_line	1	H5T_STD_I32LE		
								Dim0	Line grids	H5T_C_S1		
								Dim1	Pixel grids	H5T_C_S1		
								Unit	degree	H5T_C_S1		
								195		Latitude_TI2	格子点緯度 (TI2)	H5T_IEEE_F32LE
Minimum_valid_value	-90	H5T_IEEE_F32LE										
Maximum_valid_value	90	H5T_IEEE_F32LE										
Error_value	-999.99	H5T_IEEE_F32LE										
Data_interval_pixel	10	H5T_STD_I32LE										
Data_interval_line	1	H5T_STD_I32LE										
Dim0	Line grids	H5T_C_S1										
Dim1	Pixel grids	H5T_C_S1										
Unit	degree	H5T_C_S1										
196		Longitude_SW1	格子点経度 (SW1)	H5T_IEEE_F32LE	1715	116						
								Minimum_valid_value	-180	H5T_IEEE_F32LE		
								Maximum_valid_value	180	H5T_IEEE_F32LE		
								Error_value	-999.99	H5T_IEEE_F32LE		
								Data_interval_pixel	10	H5T_STD_I32LE		
								Data_interval_line	1	H5T_STD_I32LE		
								Dim0	Line grids	H5T_C_S1		
								Dim1	Pixel grids	H5T_C_S1		
								Unit	degree	H5T_C_S1		
								197		Longitude_SW2	格子点経度 (SW2)	H5T_IEEE_F32LE
Minimum_valid_value	-180	H5T_IEEE_F32LE										
Maximum_valid_value	180	H5T_IEEE_F32LE										
Error_value	-999.99	H5T_IEEE_F32LE										
Data_interval_pixel	10	H5T_STD_I32LE										
Data_interval_line	1	H5T_STD_I32LE										
Dim0	Line grids	H5T_C_S1										
Dim1	Pixel grids	H5T_C_S1										
Unit	degree	H5T_C_S1										
198		Longitude_SW3	格子点経度 (SW3)	H5T_IEEE_F32LE	1715	116						
								Minimum_valid_value	-180	H5T_IEEE_F32LE		
								Maximum_valid_value	180	H5T_IEEE_F32LE		
								Error_value	-999.99	H5T_IEEE_F32LE		
								Data_interval_pixel	10	H5T_STD_I32LE		
								Data_interval_line	1	H5T_STD_I32LE		
								Dim0	Line grids	H5T_C_S1		
								Dim1	Pixel grids	H5T_C_S1		
								Unit	degree	H5T_C_S1		
								199		Longitude_SW4	格子点経度 (SW4)	H5T_IEEE_F32LE
Minimum_valid_value	-180	H5T_IEEE_F32LE										
Maximum_valid_value	180	H5T_IEEE_F32LE										
Error_value	-999.99	H5T_IEEE_F32LE										
Data_interval_pixel	10	H5T_STD_I32LE										
Data_interval_line	1	H5T_STD_I32LE										
Dim0	Line grids	H5T_C_S1										
Dim1	Pixel grids	H5T_C_S1										
Unit	degree	H5T_C_S1										

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
200		Longitude_T11	格子点経度 (T11)	H5T_IEEE_F32LE	3430	231			Data_description	Longitude grid points of T11(No elevation correction)	H5T_C_S1	
									Minimum_valid_value	-180	H5T_IEEE_F32LE	
									Maximum_valid_value	180	H5T_IEEE_F32LE	
									Error_value	-999.99	H5T_IEEE_F32LE	
									Data_interval_pixel	10	H5T_STD_I32LE	
									Data_interval_line	1	H5T_STD_I32LE	
									Dim0	Line grids	H5T_C_S1	
									Dim1	Pixel grids	H5T_C_S1	
201		Longitude_T12	格子点経度 (T12)	H5T_IEEE_F32LE	3430	231			Data_description	Longitude grid points of T12(No elevation correction)	H5T_C_S1	
									Minimum_valid_value	-180	H5T_IEEE_F32LE	
									Maximum_valid_value	180	H5T_IEEE_F32LE	
									Error_value	-999.99	H5T_IEEE_F32LE	
									Data_interval_pixel	10	H5T_STD_I32LE	
									Data_interval_line	1	H5T_STD_I32LE	
									Dim0	Line grids	H5T_C_S1	
									Dim1	Pixel grids	H5T_C_S1	
202		GPS_TAI	GPS-TAI (1993) の差分秒	H5T_IEEE_F64LE	1				Data_description	Time difference between GPS(Epoch 1980/1/6) and TAI(Epoch 1993/1/1)	H5T_C_S1	
									Unit	sec	H5T_C_S1	
203		Leap_second	うるう秒	H5T_STD_I8LE	2				Data_description	Leap second time (TAI-UTC)	H5T_C_S1	
									Unit	sec	H5T_C_S1	
204		Scan_start_time_TAI	走査開始時刻	H5T_IEEE_F64LE	343				Data_description	Scan start time (TAI)	H5T_C_S1	
									Epoch_time	19930101 00:00:00	H5T_C_S1	
									Dim0	scans	H5T_C_S1	
									Error_value	0	H5T_IEEE_F64LE	
									Unit	sec	H5T_C_S1	
205		Modified_julian_date	修正ユリウス日	H5T_IEEE_F64LE	343				Data_description	Modified julian date	H5T_C_S1	
									Dim0	scans	H5T_C_S1	
206		Sun_vector_ECI	太陽位置ベクトル(J2000)	H5T_IEEE_F64LE	3430	3			Data_description	Sun position vector (J2000)	H5T_C_S1	
									Coordinate_system	J2000	H5T_C_S1	
									Data_interval_line	1	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	x, y, z	H5T_C_S1	
207		Moon_vector_ECI	月位置ベクトル(J2000)	H5T_IEEE_F64LE	3430	3			Data_description	Moon position vector (J2000)	H5T_C_S1	
									Coordinate_system	J2000	H5T_C_S1	
									Data_interval_line	1	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	x, y, z	H5T_C_S1	
208		Solar_azimuth	衛星座標系における太陽の方位角	H5T_IEEE_F32LE	3430				Data_description	Solar azimuth angle	H5T_C_S1	
									Coordinate_system	Satellite coordinate system	H5T_C_S1	
									Error_value	-999.99	H5T_IEEE_F32LE	
									Dim0	lines	H5T_C_S1	
									Unit	degree	H5T_C_S1	
209		Solar_zenith	衛星座標系における太陽の天頂角	H5T_IEEE_F32LE	3430				Data_description	Solar zenith angle	H5T_C_S1	
									Coordinate_system	Satellite coordinate system	H5T_C_S1	
									Error_value	-999.99	H5T_IEEE_F32LE	
									Dim0	lines	H5T_C_S1	
									Unit	degree	H5T_C_S1	
210		Moon_azimuth	衛星座標系における月の方位角	H5T_IEEE_F32LE	3430				Data_description	Moon azimuth angle	H5T_C_S1	
									Coordinate_system	Satellite coordinate system	H5T_C_S1	
									Error_value	-999.99	H5T_IEEE_F32LE	
									Dim0	lines	H5T_C_S1	
									Unit	degree	H5T_C_S1	
211		Moon_zenith	衛星座標系における月の天頂角	H5T_IEEE_F32LE	3430				Data_description	Moon zenith angle	H5T_C_S1	
									Coordinate_system	Satellite coordinate system	H5T_C_S1	
									Error_value	-999.99	H5T_IEEE_F32LE	
									Dim0	lines	H5T_C_S1	
									Unit	degree	H5T_C_S1	
212		Moon_sc_y_axis_angle	月方向ベクトルと衛星座標系のY軸のはさみ角	H5T_IEEE_F32LE	3430				Data_description	The angle of between Moon direction and spacecraft Y axis	H5T_C_S1	
									Coordinate_system	Satellite coordinate system	H5T_C_S1	
									Error_value	-999.99	H5T_IEEE_F32LE	
									Dim0	lines	H5T_C_S1	
									Unit	degree	H5T_C_S1	
213	Earth_rotation_parameter	Polar_motion	極運動パラメータ	H5T_IEEE_F64LE	2				Data_description	Polar motion parameter	H5T_C_S1	
									Dim0	dx, dy	H5T_C_S1	
214		UT1-UTC	UT1-UTCの差	H5T_IEEE_F32LE	1				Data_description	UT1-UTC	H5T_C_S1	
									Unit	sec	H5T_C_S1	
215		Precession_nutation	歳差/章動パラメータ	H5T_IEEE_F64LE	2				Data_description	Precession and nutation parameter	H5T_C_S1	
									Dim0	dpsi, deps	H5T_C_S1	
									Unit	msec of arc	H5T_C_S1	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
216	Extended_area/SW_250m	Overlap_pre_SW1	プリアオーバーラップ* 観測デジタルカウント値(SWI01用)	H5T_STD_U16LE	375	1146			Data_description	Observed digital count of SW1(Pre Overlap) only different from main data resolution Band_weighted_TOA_solar_irradiance, F0/D ² ; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Band_width	20.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	1050.0	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	646.5213	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m ² /um	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Maximum_valid_value	65534	H5T_STD_I32LE	
									Minimum_valid_value	0	H5T_STD_I32LE	
									Saturation_radiance	284.9	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1	
									Spatial_resolution	1000.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	
217		Overlap_pre_SW2	プリアオーバーラップ* 観測デジタルカウント値(SWI02用)	H5T_STD_U16LE	375	1146			Data_description	Observed digital count of SW2(Pre Overlap) only different from main data resolution Band_weighted_TOA_solar_irradiance, F0/D ² ; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Band_width	20.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	1380.0	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	361.225	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m ² /um	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Maximum_valid_value	65534	H5T_STD_I32LE	
									Minimum_valid_value	0	H5T_STD_I32LE	
									Saturation_radiance	118.5	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1	
									Spatial_resolution	1000.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	
218		Overlap_pre_SW3	プリアオーバーラップ* 観測デジタルカウント値(SWI03用)	H5T_STD_U16LE	1500	4584			Data_description	Observed digital count of SW3(Pre Overlap) only different from main data resolution Band_weighted_TOA_solar_irradiance, F0/D ² ; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Band_width	200.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	1630.0	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	237.5784	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m ² /um	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Maximum_valid_value	65534	H5T_STD_I32LE	
									Minimum_valid_value	0	H5T_STD_I32LE	
									Saturation_radiance	55.2	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1	
									Spatial_resolution	250.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
219		Overlap_pre_SW4	プリオーバーラップ* 観測デジタルカウント値(SWI03用)	H5T_STD_U16LE	375	1146			Data_description	Observed digital count of SW4(Pre Overlap) only different from main data resolution Band_weighted_TOA_solar_irradiance, F0/D^2; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Band_width	50.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	2210.0	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	84.2413	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m^2/um	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Maximum_valid_value	65534	H5T_STD_I32LE	
									Minimum_valid_value	0	H5T_STD_I32LE	
									Saturation_radiance	22.2	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m^2/um/sr	H5T_C_S1	
									Spatial_resolution	1000.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
Unit	Count	H5T_C_S1										
220		Overlap_post_SW1	ポストオーバーラップ* 観測デジタルカウント値(SWI01用)	H5T_STD_U16LE	375	1146			Data_description	Observed digital count of SW1(Post Overlap) only different from main data resolution Band_weighted_TOA_solar_irradiance, F0/D^2; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Band_width	20.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	1050.0	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	646.5213	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m^2/um	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Maximum_valid_value	65534	H5T_STD_I32LE	
									Minimum_valid_value	0	H5T_STD_I32LE	
									Saturation_radiance	284.9	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m^2/um/sr	H5T_C_S1	
									Spatial_resolution	1000.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
Unit	Count	H5T_C_S1										
221		Overlap_post_SW2	ポストオーバーラップ* 観測デジタルカウント値(SWI02用)	H5T_STD_U16LE	375	1146			Data_description	Observed digital count of SW2(Post Overlap) only different from main data resolution Band_weighted_TOA_solar_irradiance, F0/D^2; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Band_width	20.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	1380.0	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	361.225	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m^2/um	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Maximum_valid_value	65534	H5T_STD_I32LE	
									Minimum_valid_value	0	H5T_STD_I32LE	
									Saturation_radiance	118.5	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m^2/um/sr	H5T_C_S1	
									Spatial_resolution	1000.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
Unit	Count	H5T_C_S1										

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
222		Overlap_post_SW3	ポストオーバーラップ* 観測デジタルカウント値(SWI03用)	H5T_STD_U16LE	1500	4584			Data_description	Observed digital count of SW3(Post Overlap) only different from main data resolution Band_weighted_TOA_solar_irradiance, F0/D ² ; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Band_width	200.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	1630.0	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	237.5784	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m ² /um	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Maximum_valid_value	65534	H5T_STD_I32LE	
									Minimum_valid_value	0	H5T_STD_I32LE	
									Saturation_radiance	55.2	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1	
									Spatial_resolution	250.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	
223		Overlap_post_SW4	ポストオーバーラップ* 観測デジタルカウント値(SWI03用)	H5T_STD_U16LE	375	1146			Data_description	Observed digital count of SW4(Post Overlap) only different from main data resolution Band_weighted_TOA_solar_irradiance, F0/D ² ; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Band_width	50.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	2210.0	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	84.2413	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m ² /um	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Maximum_valid_value	65534	H5T_STD_I32LE	
									Minimum_valid_value	0	H5T_STD_I32LE	
									Saturation_radiance	22.2	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1	
									Spatial_resolution	1000.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	
224		Overlap_pre_Blackbody_SW1	プリオーバーラップ* 校正黒体データ(SW1)	H5T_STD_U16LE	375	32			Data_description	Blackbody raw data of SW1	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	
225		Overlap_post_Blackbody_SW1	ポストオーバーラップ* 校正黒体データ(SW1)	H5T_STD_U16LE	375	32			Data_description	Blackbody raw data of SW1	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	
226		Overlap_pre_Blackbody_SW2	プリオーバーラップ* 校正黒体データ(SW2)	H5T_STD_U16LE	375	32			Data_description	Blackbody raw data of SW2	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	
227		Overlap_post_Blackbody_SW2	ポストオーバーラップ* 校正黒体データ(SW2)	H5T_STD_U16LE	375	32			Data_description	Blackbody raw data of SW2	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	
228		Overlap_pre_Blackbody_SW3	プリオーバーラップ* 校正黒体データ(SW3)	H5T_STD_U16LE	1500	32			Data_description	Blackbody raw data of SW3	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	
229		Overlap_post_Blackbody_SW3	ポストオーバーラップ* 校正黒体データ(SW3)	H5T_STD_U16LE	1500	32			Data_description	Blackbody raw data of SW3	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	

別紙_L1プロダクトフォーマット一覧_L1A

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
230		Overlap_pre_Blackbody_SW4	プリオーバーラップ* 校正黒体データ (SW4)	H5T_STD_U16LE	375	32			Data_description	Blackbody raw data of SW4	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
231		Overlap_post_Blackbody_SW4	ポストオーバーラップ* 校正黒体データ (SW4)	H5T_STD_U16LE	375	32			Data_description	Blackbody raw data of SW4	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
232		Overlap_pre_Internal_lamp_LED_SW1	プリオーバーラップ* 内部光源データ (SW1)	H5T_STD_U16LE	375	32			Data_description	Internal light raw data of SW1	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
233		Overlap_post_Internal_lamp_LED_SW1	ポストオーバーラップ* 内部光源データ (SW1)	H5T_STD_U16LE	375	32			Data_description	Internal light raw data of SW1	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
234		Overlap_pre_Internal_lamp_LED_SW2	プリオーバーラップ* 内部光源データ (SW2)	H5T_STD_U16LE	375	32			Data_description	Internal light raw data of SW2	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
235		Overlap_post_Internal_lamp_LED_SW2	ポストオーバーラップ* 内部光源データ (SW2)	H5T_STD_U16LE	375	32			Data_description	Internal light raw data of SW2	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
236		Overlap_pre_Internal_lamp_LED_SW3	プリオーバーラップ* 内部光源データ (SW3)	H5T_STD_U16LE	1500	32			Data_description	Internal light raw data of SW3	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
237		Overlap_post_Internal_lamp_LED_SW3	ポストオーバーラップ* 内部光源データ (SW3)	H5T_STD_U16LE	1500	32			Data_description	Internal light raw data of SW3	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
238		Overlap_pre_Internal_lamp_LED_SW4	プリオーバーラップ* 内部光源データ (SW4)	H5T_STD_U16LE	375	32			Data_description	Internal light raw data of SW4	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
239		Overlap_post_Internal_lamp_LED_SW4	ポストオーバーラップ* 内部光源データ (SW4)	H5T_STD_U16LE	375	32			Data_description	Internal light raw data of SW4	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
240		Overlap_pre_Deep_space_SW1	プリオーバーラップ* 深宇宙視野データ (SW1)	H5T_STD_U16LE	375	32			Data_description	Deep space raw data of SW1	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
241		Overlap_post_Deep_space_SW1	ポストオーバーラップ* 深宇宙視野データ (SW1)	H5T_STD_U16LE	375	32			Data_description	Deep space raw data of SW1	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
242		Overlap_pre_Deep_space_SW2	プリオーバーラップ* 深宇宙視野データ (SW2)	H5T_STD_U16LE	375	32			Data_description	Deep space raw data of SW2	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
243		Overlap_post_Deep_space_SW2	ポストオーバーラップ* 深宇宙視野データ (SW2)	H5T_STD_U16LE	375	32			Data_description	Deep space raw data of SW2	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
244		Overlap_pre_Deep_space_SW3	プリオーバーラップ* 深宇宙視野データ (SW3)	H5T_STD_U16LE	1500	32			Data_description	Deep space raw data of SW3	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
245		Overlap_post_Deep_space_SW3	ポストオーバーラップ* 深宇宙視野データ (SW3)	H5T_STD_U16LE	1500	32			Data_description	Deep space raw data of SW3	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
246		Overlap_pre_Deep_space_SW4	プリオーバーラップ* 深宇宙視野データ (SW4)	H5T_STD_U16LE	375	32			Data_description	Deep space raw data of SW4	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
247		Overlap_post_Deep_space_SW4	ポストオーバーラップ* 深宇宙視野データ (SW4)	H5T_STD_U16LE	375	32			Data_description	Deep space raw data of SW4	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
248		Overlap_pre_Diffuser_SW1	プリオーバーラップ* 拡散板データ (SW1)	H5T_STD_U16LE	375	64			Data_description	Scatter diffuser raw data of SW1	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
249		Overlap_post_Diffuser_SW1	ポストオーバーラップ* 拡散板データ (SW1)	H5T_STD_U16LE	375	64			Data_description	Scatter diffuser raw data of SW1	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
250		Overlap_pre_Diffuser_SW2	プリオーバーラップ* 拡散板データ (SW2)	H5T_STD_U16LE	375	64			Data_description	Scatter diffuser raw data of SW2	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
251		Overlap_post_Diffuser_SW2	ポストオーバーラップ* 拡散板データ (SW2)	H5T_STD_U16LE	375	64			Data_description	Scatter diffuser raw data of SW2	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
252		Overlap_pre_Diffuser_SW3	プリオーバーラップ* 拡散板データ (SW3)	H5T_STD_U16LE	1500	64			Data_description	Scatter diffuser raw data of SW3	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
253		Overlap_post_Diffuser_SW3	ポストオーバーラップ* 拡散板データ (SW3)	H5T_STD_U16LE	1500	64			Data_description	Scatter diffuser raw data of SW3	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
254		Overlap_pre_Diffuser_SW4	プリオーバーラップ* 拡散板データ (SW4)	H5T_STD_U16LE	375	64			Data_description	Scatter diffuser raw data of SW4	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
255		Overlap_post_Diffuser_SW4	ポストオーバーラップ* 拡散板データ (SW4)	H5T_STD_U16LE	375	64			Data_description	Scatter diffuser raw data of SW4	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
256		Overlap_pre_Raw_packet1_2_SWI	プリオーバーラップ*パケット1&2観測補助デー	H5T_STD_U8LE	75	2	1826		Data_description	Packet#1 and #2 raw data	H5T_C_S1	
									Error_value	255	H5T_STD_U8LE	
									Dim0	lines	H5T_C_S1	
									Dim1	packet#1, packet#2	H5T_C_S1	
257		Overlap_pre_Raw_packet_header_SW1	プリオーバーラップ*パケットヘッダ	H5T_STD_U8LE	75	2522			Data_description	Raw packet header of all packets(#1-97)	H5T_C_S1	
									Error_value	255	H5T_STD_U8LE	
									Dim0	lines	H5T_C_S1	
									Dim1	octets	H5T_C_S1	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
258		Overlap_post_Raw_packet1_2_SWI	ポストオーバーラップ*パケット1&2観測補助デ	H5T_STD_U8LE	75	2	1826	Data_description	Packet#1 and #2 raw data	H5T_C_S1		
								Error_value	255	H5T_STD_U8LE		
								Dim0	lines	H5T_C_S1		
								Dim1	packet#1, packet#2	H5T_C_S1		
259		Overlap_post_Raw_packet_header_SWI	ポストオーバーラップ*パケットヘッダ	H5T_STD_U8LE	75	2522	Data_description	Raw packet header of all packets(#1-97)	H5T_C_S1			
							Error_value	255	H5T_STD_U8LE			
							Dim0	lines	H5T_C_S1			
							Dim1	octets	H5T_C_S1			
260		Overlap_pre_Qf_scan_SWI	スキャン品質フラグ(SW1, 2, 4)	H5T_STD_U8LE	3	1715	Data_description	Quality flag of each scan	H5T_C_S1			
							Dim0	SW1, SW2, SW4	H5T_C_S1			
							Dim1	lines	H5T_C_S1			
							Bit00(LSB)-002	Quality flag 000 : Normal line 001 : Lack line 101 : Lack line (for synchronization between sensors) 010 : Resampling line (250m->1km/500m) 110 : Resampling line (500m->1km) 111 : Mixed line (000,001,101,010,110)	H5T_C_S1			
261		Overlap_pre_Qf_scan_SW3	スキャン品質フラグ(SW3)	H5T_STD_U8LE	1715	Data_description	Quality flag of each scan	H5T_C_S1				
						Dim0	lines	H5T_C_S1				
						Bit00(LSB)-002	Quality flag 000 : Normal line 001 : Lack line 101 : Lack line (for synchronization between sensors) 010 : Resampling line (250m->1km/500m) 110 : Resampling line (500m->1km) 111 : Mixed line (000,001,101,010,110)	H5T_C_S1				
						Dim1	lines	H5T_C_S1				
262		Overlap_post_Qf_scan_SWI	スキャン品質フラグ(SW1, 2, 4)	H5T_STD_U8LE	3	1715	Data_description	Quality flag of each scan	H5T_C_S1			
							Dim0	SW1, SW2, SW4	H5T_C_S1			
							Dim1	lines	H5T_C_S1			
							Bit00(LSB)-002	Quality flag 000 : Normal line 001 : Lack line 101 : Lack line (for synchronization between sensors) 010 : Resampling line (250m->1km/500m) 110 : Resampling line (500m->1km) 111 : Mixed line (000,001,101,010,110)	H5T_C_S1			
263		Overlap_post_Qf_scan_SW3	スキャン品質フラグ(SW3)	H5T_STD_U8LE	1715	Data_description	Quality flag of each scan	H5T_C_S1				
						Dim0	lines	H5T_C_S1				
						Bit00(LSB)-002	Quality flag 000 : Normal line 001 : Lack line 101 : Lack line (for synchronization between sensors) 010 : Resampling line (250m->1km/500m) 110 : Resampling line (500m->1km) 111 : Mixed line (000,001,101,010,110)	H5T_C_S1				
						Dim1	lines	H5T_C_S1				
264	Extended_area/SW_1km	Overlap_pre_SW1	プリオーバーラップ* 観測デジタルカウント値(SWI01用)	H5T_STD_U16LE	375	1146	Data_description	Observed digital count of SW1(Pre Overlap) only different from main data resolution Band_weighted_TOA_solar_irradiance, F0/D^2; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1			
							Band_width	20.0	H5T_IEEE_F32LE			
							Band_width_unit	nm	H5T_C_S1			
							Center_wavelength	1050.0	H5T_IEEE_F32LE			
							Center_wavelength_unit	nm	H5T_C_S1			
							Band_weighted_TOA_solar_irradiance	646.5213	H5T_IEEE_F32LE			
							Band_weighted_TOA_solar_irradiance_unit	W/m^2/um	H5T_C_S1			
							Error_value	65535	H5T_STD_I32LE			
							Maximum_valid_value	65534	H5T_STD_I32LE			
							Minimum_valid_value	0	H5T_STD_I32LE			
							Saturation_radiance	284.9	H5T_IEEE_F32LE			
							Saturation_radiance_unit	W/m^2/um/sr	H5T_C_S1			
							Spatial_resolution	1000.0	H5T_IEEE_F32LE			
							Spatial_resolution_unit	meter	H5T_C_S1			
							Dim0	lines	H5T_C_S1			
							Dim1	pixels	H5T_C_S1			
Unit	Count	H5T_C_S1										

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
265		Overlap_pre_SW2	プリオーバーラップ* 観測デジタルカウント値(SWI02用)	H5T_STD_U16LE	375	1146			Data_description	Observed digital count of SW2(Pre Overlap) only different from main data resolution Band_weighted_TOA_solar_irradiance, F0/D ² ; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Band_width	20.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	1380.0	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	361.225	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m ² /um	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Maximum_valid_value	65534	H5T_STD_I32LE	
									Minimum_valid_value	0	H5T_STD_I32LE	
									Saturation_radiance	118.5	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1	
									Spatial_resolution	1000.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	
266		Overlap_pre_SW3	プリオーバーラップ* 観測デジタルカウント値(SWI03用)	H5T_STD_U16LE	1500	4584			Data_description	Observed digital count of SW3(Pre Overlap) only different from main data resolution Band_weighted_TOA_solar_irradiance, F0/D ² ; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Band_width	200.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	1630.0	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	237.5784	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m ² /um	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Maximum_valid_value	65534	H5T_STD_I32LE	
									Minimum_valid_value	0	H5T_STD_I32LE	
									Saturation_radiance	55.2	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1	
									Spatial_resolution	250.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	
267		Overlap_pre_SW4	プリオーバーラップ* 観測デジタルカウント値(SWI03用)	H5T_STD_U16LE	375	1146			Data_description	Observed digital count of SW4(Pre Overlap) only different from main data resolution Band_weighted_TOA_solar_irradiance, F0/D ² ; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Band_width	50.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	2210.0	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	84.2413	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m ² /um	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Maximum_valid_value	65534	H5T_STD_I32LE	
									Minimum_valid_value	0	H5T_STD_I32LE	
									Saturation_radiance	22.2	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1	
									Spatial_resolution	1000.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
268		Overlap_post_SW1	ポストオーバーラップ* 観測デジタルカウント値(SWI01用)	H5T_STD_U16LE	375	1146			Data_description	Observed digital count of SW1(Post Overlap) only different from main data resolution Band_weighted_TOA_solar_irradiance, F0/D ² ; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Band_width	20.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	1050.0	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	646.5213	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m ² /um	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Maximum_valid_value	65534	H5T_STD_I32LE	
									Minimum_valid_value	0	H5T_STD_I32LE	
									Saturation_radiance	284.9	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1	
									Spatial_resolution	1000.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	
269		Overlap_post_SW2	ポストオーバーラップ* 観測デジタルカウント値(SWI02用)	H5T_STD_U16LE	375	1146			Data_description	Observed digital count of SW2(Post Overlap) only different from main data resolution Band_weighted_TOA_solar_irradiance, F0/D ² ; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Band_width	20.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	1380.0	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	361.225	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m ² /um	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Maximum_valid_value	65534	H5T_STD_I32LE	
									Minimum_valid_value	0	H5T_STD_I32LE	
									Saturation_radiance	118.5	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1	
									Spatial_resolution	1000.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	
270		Overlap_post_SW3	ポストオーバーラップ* 観測デジタルカウント値(SWI03用)	H5T_STD_U16LE	1500	4584			Data_description	Observed digital count of SW3(Post Overlap) only different from main data resolution Band_weighted_TOA_solar_irradiance, F0/D ² ; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Band_width	200.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	1630.0	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	237.5784	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m ² /um	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Maximum_valid_value	65534	H5T_STD_I32LE	
									Minimum_valid_value	0	H5T_STD_I32LE	
									Saturation_radiance	55.2	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1	
									Spatial_resolution	250.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
271		Overlap_post_SW4	ポストオーバーラップ* 観測デジタルカウント値(SWI03用)	H5T_STD_U16LE	375	1146			Data_description	Observed digital count of SW4(Post Overlap) only different from main data resolution Band_weighted_TOA_solar_irradiance, F0/D ² ; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Band_width	50.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	2210.0	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	84.2413	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m ² /um	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Maximum_valid_value	65534	H5T_STD_I32LE	
									Minimum_valid_value	0	H5T_STD_I32LE	
									Saturation_radiance	22.2	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1	
									Spatial_resolution	1000.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	lines	H5T_C_S1	
Dim1	pixels	H5T_C_S1										
Unit	Count	H5T_C_S1										
272		Overlap_pre_Blackbody_SW1	プリオーバーラップ* 校正黒体データ(SW1)	H5T_STD_U16LE	375	32			Data_description	Blackbody raw data of SW1	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	
273		Overlap_post_Blackbody_SW1	ポストオーバーラップ* 校正黒体データ(SW1)	H5T_STD_U16LE	375	32			Data_description	Blackbody raw data of SW1	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	
274		Overlap_pre_Blackbody_SW2	プリオーバーラップ* 校正黒体データ(SW2)	H5T_STD_U16LE	375	32			Data_description	Blackbody raw data of SW2	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	
275		Overlap_post_Blackbody_SW2	ポストオーバーラップ* 校正黒体データ(SW2)	H5T_STD_U16LE	375	32			Data_description	Blackbody raw data of SW2	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	
276		Overlap_pre_Blackbody_SW3	プリオーバーラップ* 校正黒体データ(SW3)	H5T_STD_U16LE	1500	32			Data_description	Blackbody raw data of SW3	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	
277		Overlap_post_Blackbody_SW3	ポストオーバーラップ* 校正黒体データ(SW3)	H5T_STD_U16LE	1500	32			Data_description	Blackbody raw data of SW3	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	
278		Overlap_pre_Blackbody_SW4	プリオーバーラップ* 校正黒体データ(SW4)	H5T_STD_U16LE	375	32			Data_description	Blackbody raw data of SW4	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	
279		Overlap_post_Blackbody_SW4	ポストオーバーラップ* 校正黒体データ(SW4)	H5T_STD_U16LE	375	32			Data_description	Blackbody raw data of SW4	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	
280		Overlap_pre_Internal_lamp_LED_SW1	プリオーバーラップ* 内部光源データ(SW1)	H5T_STD_U16LE	375	32			Data_description	Internal light raw data of SW1	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	
281		Overlap_post_Internal_lamp_LED_SW1	ポストオーバーラップ* 内部光源データ(SW1)	H5T_STD_U16LE	375	32			Data_description	Internal light raw data of SW1	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
282		Overlap_pre_Internal_lamp_LED_SW2	プリオーバーラップ* 内部光源データ (SW2)	H5T_STD_U16LE	375	32			Data_description	Internal light raw data of SW2	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	
283		Overlap_post_Internal_lamp_LED_SW2	ポストオーバーラップ* 内部光源データ (SW2)	H5T_STD_U16LE	375	32			Data_description	Internal light raw data of SW2	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	
284		Overlap_pre_Internal_lamp_LED_SW3	プリオーバーラップ* 内部光源データ (SW3)	H5T_STD_U16LE	1500	32			Data_description	Internal light raw data of SW3	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	
285		Overlap_post_Internal_lamp_LED_SW3	ポストオーバーラップ* 内部光源データ (SW3)	H5T_STD_U16LE	1500	32			Data_description	Internal light raw data of SW3	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	
286		Overlap_pre_Internal_lamp_LED_SW4	プリオーバーラップ* 内部光源データ (SW4)	H5T_STD_U16LE	375	32			Data_description	Internal light raw data of SW4	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	
287		Overlap_post_Internal_lamp_LED_SW4	ポストオーバーラップ* 内部光源データ (SW4)	H5T_STD_U16LE	375	32			Data_description	Internal light raw data of SW4	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	
288		Overlap_pre_Deep_space_SW1	プリオーバーラップ* 深宇宙視野データ (SW1)	H5T_STD_U16LE	375	32			Data_description	Deep space raw data of SW1	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	
289		Overlap_post_Deep_space_SW1	ポストオーバーラップ* 深宇宙視野データ (SW1)	H5T_STD_U16LE	375	32			Data_description	Deep space raw data of SW1	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	
290		Overlap_pre_Deep_space_SW2	プリオーバーラップ* 深宇宙視野データ (SW2)	H5T_STD_U16LE	375	32			Data_description	Deep space raw data of SW2	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	
291		Overlap_post_Deep_space_SW2	ポストオーバーラップ* 深宇宙視野データ (SW2)	H5T_STD_U16LE	375	32			Data_description	Deep space raw data of SW2	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	
292		Overlap_pre_Deep_space_SW3	プリオーバーラップ* 深宇宙視野データ (SW3)	H5T_STD_U16LE	1500	32			Data_description	Deep space raw data of SW3	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	
293		Overlap_post_Deep_space_SW3	ポストオーバーラップ* 深宇宙視野データ (SW3)	H5T_STD_U16LE	1500	32			Data_description	Deep space raw data of SW3	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	
294		Overlap_pre_Deep_space_SW4	プリオーバーラップ* 深宇宙視野データ (SW4)	H5T_STD_U16LE	375	32			Data_description	Deep space raw data of SW4	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	
295		Overlap_post_Deep_space_SW4	ポストオーバーラップ* 深宇宙視野データ (SW4)	H5T_STD_U16LE	375	32			Data_description	Deep space raw data of SW4	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	

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No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
296		Overlap_pre_Diffuser_SW1	プリオーバーラップ* 拡散板データ (SW1)	H5T_STD_U16LE	375	64			Data_description	Scatter diffuser raw data of SW1	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
297		Overlap_post_Diffuser_SW1	ポストオーバーラップ* 拡散板データ (SW1)	H5T_STD_U16LE	375	64			Data_description	Scatter diffuser raw data of SW1	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
298		Overlap_pre_Diffuser_SW2	プリオーバーラップ* 拡散板データ (SW2)	H5T_STD_U16LE	375	64			Data_description	Scatter diffuser raw data of SW2	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
299		Overlap_post_Diffuser_SW2	ポストオーバーラップ* 拡散板データ (SW2)	H5T_STD_U16LE	375	64			Data_description	Scatter diffuser raw data of SW2	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
300		Overlap_pre_Diffuser_SW3	プリオーバーラップ* 拡散板データ (SW3)	H5T_STD_U16LE	1500	64			Data_description	Scatter diffuser raw data of SW3	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
301		Overlap_post_Diffuser_SW3	ポストオーバーラップ* 拡散板データ (SW3)	H5T_STD_U16LE	1500	64			Data_description	Scatter diffuser raw data of SW3	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
302		Overlap_pre_Diffuser_SW4	プリオーバーラップ* 拡散板データ (SW4)	H5T_STD_U16LE	375	64			Data_description	Scatter diffuser raw data of SW4	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
303		Overlap_post_Diffuser_SW4	ポストオーバーラップ* 拡散板データ (SW4)	H5T_STD_U16LE	375	64			Data_description	Scatter diffuser raw data of SW4	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
304		Overlap_pre_Raw_packet1_2_SW1	プリオーバーラップ*パケット1&2観測補助デ	H5T_STD_U8LE	75	2	1826		Data_description	Packet#1 and #2 raw data	H5T_C_S1	
									Error_value	255	H5T_STD_U8LE	
									Dim0	lines	H5T_C_S1	
									Dim1	packet#1, packet#2	H5T_C_S1	
305		Overlap_pre_Raw_packet_header_SW1	プリオーバーラップ*パケットヘッダ	H5T_STD_U8LE	75	2522			Data_description	Raw packet header of all packets(#1-97)	H5T_C_S1	
									Error_value	255	H5T_STD_U8LE	
									Dim0	lines	H5T_C_S1	
									Dim1	octets	H5T_C_S1	
306		Overlap_post_Raw_packet1_2_SW1	ポストオーバーラップ*パケット1&2観測補助デ	H5T_STD_U8LE	75	2	1826		Data_description	Packet#1 and #2 raw data	H5T_C_S1	
									Error_value	255	H5T_STD_U8LE	
									Dim0	lines	H5T_C_S1	
									Dim1	packet#1, packet#2	H5T_C_S1	
307		Overlap_post_Raw_packet_header_SW1	ポストオーバーラップ*パケットヘッダ	H5T_STD_U8LE	75	2522			Data_description	Raw packet header of all packets(#1-97)	H5T_C_S1	
									Error_value	255	H5T_STD_U8LE	
									Dim0	lines	H5T_C_S1	
									Dim1	octets	H5T_C_S1	
308		Overlap_pre_Qf_scan_SW1	スキャン品質フラグ(SW1, 2, 4)	H5T_STD_U8LE	3	1715			Data_description	Quality flag of each scan	H5T_C_S1	
									Dim0	SW1, SW2, SW4	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Bit00 (LSB)-002	Quality flag 000 : Normal line 001 : Lack line 101 : Lack line (for synchronization between sensors) 010 : Resampling line (250m->1km/500m) 110 : Resampling line (500m->1km) 111 : Mixed line (000,001,101,010,110)	H5T_C_S1	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
309		Overlap_pre_Qf_scan_SW3	スキャン品質フラグ(SW3)	H5T_STD_U8LE	1715				Data_description	Quality flag of each scan	H5T_C_S1	
									Dim0	lines	H5T_C_S1	
									Bit00(LSB)-002	Quality flag 000 : Normal line 001 : Lack line 101 : Lack line (for synchronization between sensors) 010 : Resampling line (250m->1km/500m) 110 : Resampling line (500m->1km) 111 : Mixed line (000,001,101,010,110)	H5T_C_S1	
310		Overlap_post_Qf_scan_SWI	スキャン品質フラグ(SW1, 2, 4)	H5T_STD_U8LE	3	1715			Data_description	Quality flag of each scan	H5T_C_S1	
									Dim0	SW1, SW2, SW4	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
311		Overlap_post_Qf_scan_SW3	スキャン品質フラグ(SW3)	H5T_STD_U8LE	1715				Data_description	Quality flag of each scan	H5T_C_S1	
									Dim0	lines	H5T_C_S1	
									Bit00(LSB)-002	Quality flag 000 : Normal line 001 : Lack line 101 : Lack line (for synchronization between sensors) 010 : Resampling line (250m->1km/500m) 110 : Resampling line (500m->1km) 111 : Mixed line (000,001,101,010,110)	H5T_C_S1	
312	Extended_area/TI_250m	Overlap_pre_TI1	プリオーバーラップ* 観測デジタルカウント値(TIR01用)	H5T_STD_U16LE	1500	4584			Data_description	Observed digital count of TI1(Pre Overlap) only different from main data resolution	H5T_C_S1	
									Band_width	700.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	11000.0	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Maximum_valid_value	65534	H5T_STD_I32LE	
									Minimum_valid_value	0	H5T_STD_I32LE	
									Saturation_radiance	18.2	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1	
									Spatial_resolution	250.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
Unit	Count	H5T_C_S1										
313		Overlap_pre_TI2	プリオーバーラップ* 観測デジタルカウント値(TIR02用)	H5T_STD_U16LE	1500	4584			Data_description	Observed digital count of TI2(Pre Overlap) only different from main data resolution	H5T_C_S1	
									Band_width	700.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	12000.0	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Maximum_valid_value	65534	H5T_STD_I32LE	
									Minimum_valid_value	0	H5T_STD_I32LE	
									Saturation_radiance	16.1	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1	
									Spatial_resolution	250.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
Unit	Count	H5T_C_S1										
314		Overlap_post_TI1	ポストオーバーラップ* 観測デジタルカウント値(TIR01用)	H5T_STD_U16LE	1500	4584			Data_description	Observed digital count of TI1(Post Overlap) only different from main data resolution	H5T_C_S1	
									Band_width	700.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	11000.0	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Maximum_valid_value	65534	H5T_STD_I32LE	
									Minimum_valid_value	0	H5T_STD_I32LE	
									Saturation_radiance	18.2	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1	
									Spatial_resolution	250.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
Unit	Count	H5T_C_S1										

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
315		Overlap_post_T12	ポストオーバーラップ 観測デジタルカウント値(T1R02用)	H5T_STD_U16LE	1500	4584			Data_description	Observed digital count of T12(Post Overlap) only different from main data resolution	H5T_C_S1	
									Band_width	700.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	12000.0	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Maximum_valid_value	65534	H5T_STD_I32LE	
									Minimum_valid_value	0	H5T_STD_I32LE	
									Saturation_radiance	16.1	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1	
									Spatial_resolution	250.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
Unit	Count	H5T_C_S1										
316		Overlap_pre_Blackbody_T11	プリオーバーラップ* 校正黒体データ(T11)	H5T_STD_U16LE	1500	64			Data_description	Blackbody raw data of T11	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
317		Overlap_post_Blackbody_T11	ポストオーバーラップ* 校正黒体データ(T11)	H5T_STD_U16LE	1500	64			Data_description	Blackbody raw data of T11	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
318		Overlap_pre_Blackbody_T12	プリオーバーラップ* 校正黒体データ(T12)	H5T_STD_U16LE	1500	64			Data_description	Blackbody raw data of T12	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
319		Overlap_post_Blackbody_T12	ポストオーバーラップ* 校正黒体データ(T12)	H5T_STD_U16LE	1500	64			Data_description	Blackbody raw data of T12	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
320		Overlap_pre_Internal_lamp_LED_T11	プリオーバーラップ* 内部光源データ(T11)	H5T_STD_U16LE	1500	64			Data_description	Internal light raw data of T11	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
321		Overlap_post_Internal_lamp_LED_T11	ポストオーバーラップ* 内部光源データ(T11)	H5T_STD_U16LE	1500	64			Data_description	Internal light raw data of T11	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
322		Overlap_pre_Internal_lamp_LED_T12	プリオーバーラップ* 内部光源データ(T12)	H5T_STD_U16LE	1500	64			Data_description	Internal light raw data of T12	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
323		Overlap_post_Internal_lamp_LED_T12	ポストオーバーラップ* 内部光源データ(T12)	H5T_STD_U16LE	1500	64			Data_description	Internal light raw data of T12	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
324		Overlap_pre_Deep_space_T11	プリオーバーラップ* 深宇宙視野データ(T11)	H5T_STD_U16LE	1500	64			Data_description	Deep space raw data of T11	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
325		Overlap_post_Deep_space_T11	ポストオーバーラップ* 深宇宙視野データ(T11)	H5T_STD_U16LE	1500	64			Data_description	Deep space raw data of T11	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
326		Overlap_pre_Deep_space_T12	プリオーバーラップ* 深宇宙視野データ(T12)	H5T_STD_U16LE	1500	64			Data_description	Deep space raw data of T12	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
327		Overlap_post_Deep_space_TI2	ポストオーバーラップ* 深宇宙視野データ (TI2)	H5T_STD_U16LE	1500	64			Data_description	Deep space raw data of TI2	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
328		Overlap_pre_Diffuser_TI1	プリオーバーラップ* 拡散板データ (TI1)	H5T_STD_U16LE	1500	128			Data_description	Scatter diffuser raw data of TI1	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
329		Overlap_post_Diffuser_TI1	ポストオーバーラップ* 拡散板データ (TI1)	H5T_STD_U16LE	1500	128			Data_description	Scatter diffuser raw data of TI1	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
330		Overlap_pre_Diffuser_TI2	プリオーバーラップ* 拡散板データ (TI2)	H5T_STD_U16LE	1500	128			Data_description	Scatter diffuser raw data of TI2	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
331		Overlap_post_Diffuser_TI2	ポストオーバーラップ* 拡散板データ (TI2)	H5T_STD_U16LE	1500	128			Data_description	Scatter diffuser raw data of TI2	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
332		Overlap_pre_Raw_packet1_2_TIR	プリオーバーラップ* パケット1&2観測補助データ (TIR)	H5T_STD_U8LE	75	2	1826		Data_description	Packet#1 and #2 raw data	H5T_C_S1	
									Error_value	255	H5T_STD_U8LE	
									Dim0	lines	H5T_C_S1	
									Dim1	packet#1, packet#2	H5T_C_S1	
333		Overlap_pre_Raw_packet_header_TIR	プリオーバーラップ*パケットヘッダ	H5T_STD_U8LE	75	4212			Data_description	Raw packet header of all packets(#1-162)	H5T_C_S1	
									Error_value	255	H5T_STD_U8LE	
									Dim0	lines	H5T_C_S1	
									Dim1	octets	H5T_C_S1	
334		Overlap_post_Raw_packet1_2_TIR	ポストオーバーラップ* パケット1&2観測補助データ (TIR)	H5T_STD_U8LE	75	2	1826		Data_description	Packet#1 and #2 raw data	H5T_C_S1	
									Error_value	255	H5T_STD_U8LE	
									Dim0	lines	H5T_C_S1	
									Dim1	packet#1, packet#2	H5T_C_S1	
335		Overlap_post_Raw_packet_header_TIR	ポストオーバーラップ*パケットヘッダ	H5T_STD_U8LE	75	4212			Data_description	Raw packet header of all packets(#1-162)	H5T_C_S1	
									Error_value	255	H5T_STD_U8LE	
									Dim0	lines	H5T_C_S1	
									Dim1	octets	H5T_C_S1	
336		Overlap_pre_Qf_scan_TIR	スキャン品質フラグ(TIR)	H5T_STD_U8LE	2	3430			Data_description	Quality flag of each scan	H5T_C_S1	
									Dim0	TIR1, TIR2	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Bit00(LSB)-002	Quality flag 000 : Normal line 001 : Lack line 101 : Lack line (for synchronization between sensors) 010 : Resampling line (250m->1km/500m) 110 : Resampling line (500m->1km) 111 : Mixed line (000,001,101,010,110)	H5T_C_S1	
337		Overlap_post_Qf_scan_TIR	スキャン品質フラグ(TIR)	H5T_STD_U8LE	2	3430			Data_description	Quality flag of each scan	H5T_C_S1	
									Dim0	TIR1, TIR2	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Bit00(LSB)-002	Quality flag 000 : Normal line 001 : Lack line 101 : Lack line (for synchronization between sensors) 010 : Resampling line (250m->1km/500m) 110 : Resampling line (500m->1km) 111 : Mixed line (000,001,101,010,110)	H5T_C_S1	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
338	Extended_area/TI_500m	Overlap_pre_TI1	プリオーバーラップ* 観測デジタルカウント値(TIR01用)	H5T_STD_U16LE	1500	4584			Data_description	Observed digital count of TI1(Pre Overlap) only different from main data resolution	H5T_C_S1	
									Band_width	700.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	11000.0	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Maximum_valid_value	65534	H5T_STD_I32LE	
									Minimum_valid_value	0	H5T_STD_I32LE	
									Saturation_radiance	18.2	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1	
									Spatial_resolution	250.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
Unit	Count	H5T_C_S1										
339		Overlap_pre_TI2	プリオーバーラップ* 観測デジタルカウント値(TIR02用)	H5T_STD_U16LE	1500	4584			Data_description	Observed digital count of TI2(Pre Overlap) only different from main data resolution	H5T_C_S1	
									Band_width	700.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	12000.0	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Maximum_valid_value	65534	H5T_STD_I32LE	
									Minimum_valid_value	0	H5T_STD_I32LE	
									Saturation_radiance	16.1	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1	
									Spatial_resolution	250.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
Unit	Count	H5T_C_S1										
340		Overlap_post_TI1	ポストオーバーラップ* 観測デジタルカウント値(TIR01用)	H5T_STD_U16LE	1500	4584			Data_description	Observed digital count of TI1(Post Overlap) only different from main data resolution	H5T_C_S1	
									Band_width	700.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	11000.0	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Maximum_valid_value	65534	H5T_STD_I32LE	
									Minimum_valid_value	0	H5T_STD_I32LE	
									Saturation_radiance	18.2	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1	
									Spatial_resolution	250.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
Unit	Count	H5T_C_S1										
341		Overlap_post_TI2	ポストオーバーラップ* 観測デジタルカウント値(TIR02用)	H5T_STD_U16LE	1500	4584			Data_description	Observed digital count of TI2(Post Overlap) only different from main data resolution	H5T_C_S1	
									Band_width	700.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	12000.0	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Maximum_valid_value	65534	H5T_STD_I32LE	
									Minimum_valid_value	0	H5T_STD_I32LE	
									Saturation_radiance	16.1	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1	
									Spatial_resolution	250.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
Unit	Count	H5T_C_S1										
342		Overlap_pre_Blackbody_TI1	プリオーバーラップ* 校正黒体データ(TI1)	H5T_STD_U16LE	1500	64			Data_description	Blackbody raw data of TI1	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
Unit	Count	H5T_C_S1										
343		Overlap_post_Blackbody_TI1	ポストオーバーラップ* 校正黒体データ(TI1)	H5T_STD_U16LE	1500	64			Data_description	Blackbody raw data of TI1	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
Unit	Count	H5T_C_S1										
344		Overlap_pre_Blackbody_TI2	プリオーバーラップ* 校正黒体データ(TI2)	H5T_STD_U16LE	1500	64			Data_description	Blackbody raw data of TI2	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
Unit	Count	H5T_C_S1										

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No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
345		Overlap_post_Blackbody_TI2	ポストオーバーラップ* 校正黒体データ (TI2)	H5T_STD_U16LE	1500	64			Data_description	Blackbody raw data of TI2	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	
346		Overlap_pre_Internal_lamp_LED_TI1	プリオーバーラップ* 内部光源データ (TI1)	H5T_STD_U16LE	1500	64			Data_description	Internal light raw data of TI1	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	
347		Overlap_post_Internal_lamp_LED_TI1	ポストオーバーラップ* 内部光源データ (TI1)	H5T_STD_U16LE	1500	64			Data_description	Internal light raw data of TI1	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	
348		Overlap_pre_Internal_lamp_LED_TI2	プリオーバーラップ* 内部光源データ (TI2)	H5T_STD_U16LE	1500	64			Data_description	Internal light raw data of TI2	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	
349		Overlap_post_Internal_lamp_LED_TI2	ポストオーバーラップ* 内部光源データ (TI2)	H5T_STD_U16LE	1500	64			Data_description	Internal light raw data of TI2	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	
350		Overlap_pre_Deep_space_TI1	プリオーバーラップ* 深宇宙視野データ (TI1)	H5T_STD_U16LE	1500	64			Data_description	Deep space raw data of TI1	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	
351		Overlap_post_Deep_space_TI1	ポストオーバーラップ* 深宇宙視野データ (TI1)	H5T_STD_U16LE	1500	64			Data_description	Deep space raw data of TI1	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	
352		Overlap_pre_Deep_space_TI2	プリオーバーラップ* 深宇宙視野データ (TI2)	H5T_STD_U16LE	1500	64			Data_description	Deep space raw data of TI2	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	
353		Overlap_post_Deep_space_TI2	ポストオーバーラップ* 深宇宙視野データ (TI2)	H5T_STD_U16LE	1500	64			Data_description	Deep space raw data of TI2	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	
354		Overlap_pre_Diffuser_TI1	プリオーバーラップ* 拡散板データ (TI1)	H5T_STD_U16LE	1500	128			Data_description	Scatter diffuser raw data of TI1	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	
355		Overlap_post_Diffuser_TI1	ポストオーバーラップ* 拡散板データ (TI1)	H5T_STD_U16LE	1500	128			Data_description	Scatter diffuser raw data of TI1	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	
356		Overlap_pre_Diffuser_TI2	プリオーバーラップ* 拡散板データ (TI2)	H5T_STD_U16LE	1500	128			Data_description	Scatter diffuser raw data of TI2	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	
357		Overlap_post_Diffuser_TI2	ポストオーバーラップ* 拡散板データ (TI2)	H5T_STD_U16LE	1500	128			Data_description	Scatter diffuser raw data of TI2	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	
358		Overlap_pre_Raw_packet1_2_TIR	プリオーバーラップ* パケット1&2観測補助データ (TIR)	H5T_STD_U8LE	75	2	1826		Data_description	Packet#1 and #2 raw data	H5T_C_S1	
									Error_value	255	H5T_STD_U8LE	
									Dim0	lines	H5T_C_S1	
									Dim1	packet#1, packet#2	H5T_C_S1	
									Dim2	octets	H5T_C_S1	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
359		Overlap_pre_Raw_packet_header_TIR	プリオーバーラップ*パケットヘッダ	H5T_STD_U8LE	75	4212			Data_description	Raw packet header of all packets(#1-162)	H5T_C_S1	
									Error_value	255	H5T_STD_U8LE	
									Dim0	lines	H5T_C_S1	
									Dim1	octets	H5T_C_S1	
360		Overlap_post_Raw_packet1_2_TIR	ポストオーバーラップ*パケット1&2観測補助データ(TIR)	H5T_STD_U8LE	75	2	1826		Data_description	Packet#1 and #2 raw data	H5T_C_S1	
									Error_value	255	H5T_STD_U8LE	
									Dim0	lines	H5T_C_S1	
									Dim1	packet#1, packet#2	H5T_C_S1	
361		Overlap_post_Raw_packet_header_TIR	ポストオーバーラップ*パケットヘッダ	H5T_STD_U8LE	75	4212			Data_description	Raw packet header of all packets(#1-162)	H5T_C_S1	
									Error_value	255	H5T_STD_U8LE	
									Dim0	lines	H5T_C_S1	
									Dim1	octets	H5T_C_S1	
362		Overlap_pre_Qf_scan_TIR	スキャン品質フラグ(TIR)	H5T_STD_U8LE	2	3430			Data_description	Quality flag of each scan	H5T_C_S1	
									Dim0	TIR1, TIR2	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Bit00(LSB)-002	Quality flag 000 : Normal line 001 : Lack line 101 : Lack line (for synchronization between sensors) 010 : Resampling line (250m->1km/500m) 110 : Resampling line (500m->1km) 111 : Mixed line (000,001,101,010,110)	H5T_C_S1	
363		Overlap_post_Qf_scan_TIR	スキャン品質フラグ(TIR)	H5T_STD_U8LE	2	3430			Data_description	Quality flag of each scan	H5T_C_S1	
									Dim0	TIR1, TIR2	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Bit00(LSB)-002	Quality flag 000 : Normal line 001 : Lack line 101 : Lack line (for synchronization between sensors) 010 : Resampling line (250m->1km/500m) 110 : Resampling line (500m->1km) 111 : Mixed line (000,001,101,010,110)	H5T_C_S1	
364	Extended_area/TI_1km	Overlap_pre_TI1	プリオーバーラップ*観測デジタルカウント値(TIR01用)	H5T_STD_U16LE	1500	4584			Data_description	Observed digital count of TI1(Pre Overlap) only different from main data resolution	H5T_C_S1	
									Band_width	700.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	11000.0	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Maximum_valid_value	65534	H5T_STD_I32LE	
									Minimum_valid_value	0	H5T_STD_I32LE	
									Saturation_radiance	18.2	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1	
									Spatial_resolution	250.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	Count	H5T_C_S1	
									365		Overlap_pre_TI2	
Band_width	700.0	H5T_IEEE_F32LE										
Band_width_unit	nm	H5T_C_S1										
Center_wavelength	12000.0	H5T_IEEE_F32LE										
Center_wavelength_unit	nm	H5T_C_S1										
Error_value	65535	H5T_STD_I32LE										
Maximum_valid_value	65534	H5T_STD_I32LE										
Minimum_valid_value	0	H5T_STD_I32LE										
Saturation_radiance	16.1	H5T_IEEE_F32LE										
Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1										
Spatial_resolution	250.0	H5T_IEEE_F32LE										
Spatial_resolution_unit	meter	H5T_C_S1										
Dim0	lines	H5T_C_S1										
Dim1	pixels	H5T_C_S1										
Unit	Count	H5T_C_S1										

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
366		Overlap_post_T11	ポストオーバーラップ* 観測デジタルカウント値(T1R01用)	H5T_STD_U16LE	1500	4584			Data_description	Observed digital count of T11(Post Overlap) only different from main data resolution	H5T_C_S1	
									Band_width	700.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	11000.0	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Maximum_valid_value	65534	H5T_STD_I32LE	
									Minimum_valid_value	0	H5T_STD_I32LE	
									Saturation_radiance	18.2	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1	
									Spatial_resolution	250.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
Unit	Count	H5T_C_S1										
367		Overlap_post_T12	ポストオーバーラップ* 観測デジタルカウント値(T1R02用)	H5T_STD_U16LE	1500	4584			Data_description	Observed digital count of T12(Post Overlap) only different from main data resolution	H5T_C_S1	
									Band_width	700.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	12000.0	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Maximum_valid_value	65534	H5T_STD_I32LE	
									Minimum_valid_value	0	H5T_STD_I32LE	
									Saturation_radiance	16.1	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1	
									Spatial_resolution	250.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
Unit	Count	H5T_C_S1										
368		Overlap_pre_Blackbody_T11	プリオーバーラップ* 校正黒体データ(T11)	H5T_STD_U16LE	1500	64			Data_description	Blackbody raw data of T11	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
Unit	Count	H5T_C_S1										
369		Overlap_post_Blackbody_T11	ポストオーバーラップ* 校正黒体データ(T11)	H5T_STD_U16LE	1500	64			Data_description	Blackbody raw data of T11	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
Unit	Count	H5T_C_S1										
370		Overlap_pre_Blackbody_T12	プリオーバーラップ* 校正黒体データ(T12)	H5T_STD_U16LE	1500	64			Data_description	Blackbody raw data of T12	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
Unit	Count	H5T_C_S1										
371		Overlap_post_Blackbody_T12	ポストオーバーラップ* 校正黒体データ(T12)	H5T_STD_U16LE	1500	64			Data_description	Blackbody raw data of T12	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
Unit	Count	H5T_C_S1										
372		Overlap_pre_Internal_lamp_LED_T11	プリオーバーラップ* 内部光源データ(T11)	H5T_STD_U16LE	1500	64			Data_description	Internal light raw data of T11	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
Unit	Count	H5T_C_S1										
373		Overlap_post_Internal_lamp_LED_T11	ポストオーバーラップ* 内部光源データ(T11)	H5T_STD_U16LE	1500	64			Data_description	Internal light raw data of T11	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
Unit	Count	H5T_C_S1										
374		Overlap_pre_Internal_lamp_LED_T12	プリオーバーラップ* 内部光源データ(T12)	H5T_STD_U16LE	1500	64			Data_description	Internal light raw data of T12	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
Unit	Count	H5T_C_S1										
375		Overlap_post_Internal_lamp_LED_T12	ポストオーバーラップ* 内部光源データ(T12)	H5T_STD_U16LE	1500	64			Data_description	Internal light raw data of T12	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
Unit	Count	H5T_C_S1										

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No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
376		Overlap_pre_Deep_space_T11	プリオーバーラップ* 深宇宙視野データ (T11)	H5T_STD_U16LE	1500	64			Data_description	Deep space raw data of T11	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
377		Overlap_post_Deep_space_T11	ポストオーバーラップ* 深宇宙視野データ (T11)	H5T_STD_U16LE	1500	64			Data_description	Deep space raw data of T11	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
378		Overlap_pre_Deep_space_T12	プリオーバーラップ* 深宇宙視野データ (T12)	H5T_STD_U16LE	1500	64			Data_description	Deep space raw data of T12	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
379		Overlap_post_Deep_space_T12	ポストオーバーラップ* 深宇宙視野データ (T12)	H5T_STD_U16LE	1500	64			Data_description	Deep space raw data of T12	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
380		Overlap_pre_Diffuser_T11	プリオーバーラップ* 拡散板データ (T11)	H5T_STD_U16LE	1500	128			Data_description	Scatter diffuser raw data of T11	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
381		Overlap_post_Diffuser_T11	ポストオーバーラップ* 拡散板データ (T11)	H5T_STD_U16LE	1500	128			Data_description	Scatter diffuser raw data of T11	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
382		Overlap_pre_Diffuser_T12	プリオーバーラップ* 拡散板データ (T12)	H5T_STD_U16LE	1500	128			Data_description	Scatter diffuser raw data of T12	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
383		Overlap_post_Diffuser_T12	ポストオーバーラップ* 拡散板データ (T12)	H5T_STD_U16LE	1500	128			Data_description	Scatter diffuser raw data of T12	H5T_C_S1	
									Error_value	65535	H5T_STD_I32LE	
									Dim0	lines	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
384		Overlap_pre_Raw_packet1_2_TIR	プリオーバーラップ* パケット1&2観測補助データ (TIR)	H5T_STD_U8LE	75	2	1826		Data_description	Packet#1 and #2 raw data	H5T_C_S1	
									Error_value	255	H5T_STD_U8LE	
									Dim0	lines	H5T_C_S1	
									Dim1	packet#1, packet#2	H5T_C_S1	
385		Overlap_pre_Raw_packet_header_TIR	プリオーバーラップ*パケットヘッダ	H5T_STD_U8LE	75	4212			Data_description	Raw packet header of all packets(#1-162)	H5T_C_S1	
									Error_value	255	H5T_STD_U8LE	
									Dim0	lines	H5T_C_S1	
									Dim1	octets	H5T_C_S1	
386		Overlap_post_Raw_packet1_2_TIR	ポストオーバーラップ* パケット1&2観測補助データ (TIR)	H5T_STD_U8LE	75	2	1826		Data_description	Packet#1 and #2 raw data	H5T_C_S1	
									Error_value	255	H5T_STD_U8LE	
									Dim0	lines	H5T_C_S1	
									Dim1	packet#1, packet#2	H5T_C_S1	
387		Overlap_post_Raw_packet_header_TIR	ポストオーバーラップ*パケットヘッダ	H5T_STD_U8LE	75	4212			Data_description	Raw packet header of all packets(#1-162)	H5T_C_S1	
									Error_value	255	H5T_STD_U8LE	
									Dim0	lines	H5T_C_S1	
									Dim1	octets	H5T_C_S1	
388		Overlap_pre_Qf_scan_TIR	スキャン品質フラグ(TIR)	H5T_STD_U8LE	2	3430			Data_description	Quality flag of each scan	H5T_C_S1	
									Dim0	TIR1, TIR2	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Bit00(LSB)-002	Quality flag 000 : Normal line 001 : Lack line 101 : Lack line (for synchronization between sensors) 010 : Resampling line (250m->1km/500m) 110 : Resampling line (500m->1km) 111 : Mixed line (000,001,101,010,110)	H5T_C_S1	

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No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
389		Overlap_post_Qf_scan_TIR	スキャン品質フラグ(TIR)	H5T_STD_U8LE	2	3430			Data_description	Quality flag of each scan	H5T_C_S1	
									Dim0	TIR1, TIR2	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Bit00(LSB)-002	Quality flag 000 : Normal line 001 : Lack line 101 : Lack line (for synchronization between sensors) 010 : Resampling line (250m->1km/500m) 110 : Resampling line (500m->1km) 111 : Mixed line (000,001,101,010,110)	H5T_C_S1	
390	Reserved	Unused_packet_SWI	処理対象外バケット(SWI)	H5T_STD_U8LE	0	2028			Data_description	Unused mission data packet(SWI)	H5T_C_S1	
									Dim0	packets	H5T_C_S1	
									Dim1	octets	H5T_C_S1	
391		Unused_packet_TIR	処理対象外バケット(TIR)	H5T_STD_U8LE	0	2028			Data_description	Unused mission data packet(TIR)	H5T_C_S1	
									Dim0	packets	H5T_C_S1	
									Dim1	octets	H5T_C_S1	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
	Global_attributes								Product_file_name	GCISG1_201305201801_12302_1BSG_VNRDQ_1001.h5	H5T_C_S1	
									Mission_characteristics	Nominal orbit: inclination = 98.6 (Sun-Synchronous); node = 10:15-10:45 AM(descending); eccentricity < 0.0012; altitude = 798km; ground speed = 6.6km/sec; revolutions per day = 14+9/34	H5T_C_S1	
									Sensor	Second-generation Global Imager (SGLI)	H5T_C_S1	
									Product_version	0002	H5T_C_S1	
									Algorithm_developer	Japan Aerospace Exploration Agency (JAXA)	H5T_C_S1	
									Dataset_description	Top of atmosphere radiance (reflectance) at [VN01 (S06), VN02 (S05), VN03 (S07), VN04 (S04), VN05 (S08), VN06 (S03), VN07 (S02), VN08 (S09), VN09 (S11), VN10 (S01), VN11 (S10)]	H5T_C_S1	
									Product_name	Top of atmosphere radiance (reflectance)	H5T_C_S1	
									Algorithm_version	0.10	H5T_C_S1	
									Parameter_version	002.00	H5T_C_S1	
									Satellite	Global Change Observation Mission - Climate (GCOM-C)	H5T_C_S1	
									Product_level	Level-1B	H5T_C_S1	
									Scene_start_time	20030320 23:28:39.823	H5T_C_S1	
									Scene_end_time	20030320 23:32:49.287	H5T_C_S1	
									Scene_center_time	20030320 23:30:44.555	H5T_C_S1	
									Scene_start_index	3356	H5T_STD_I32LE	
									Scene_end_index	5211	H5T_STD_I32LE	
									Ascending_node_crossing_time	20030320 23:42:23.000	H5T_C_S1	
									Total_orbit_number	12345	H5T_STD_I32LE	
									RSP_path_number	123	H5T_STD_I32LE	
									Scene_number	2	H5T_STD_I32LE	
									Orbit_direction	Ascending	H5T_C_S1	
									Maneuver_status	Include	H5T_C_S1	
									Start_argument_of_latitude	1	H5T_IEEE_F32LE	
									End_argument_of_latitude	15	H5T_IEEE_F32LE	
									Lines_per_scan	1, 1, 1, 1, 1, 1, 1, 1, 1, 1	H5T_STD_I32LE_[11]	
									Stored_channels	VN01 (S06), VN02 (S05), VN03 (S07), VN04 (S04), VN05 (S08), VN06 (S03), VN07 (S02), VN08 (S09), VN09 (S11), VN10 (S01), VN11 (S10)	H5T_C_S1	
									Missing_lines	0, 0, 0, 0, 0, 0, 0, 0, 0, 0	H5T_STD_I32LE_[11]	
									Missing_lines_rate	0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0	H5T_IEEE_F32LE_[11]	
									Saturated_pixels_rate	0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0	H5T_IEEE_F32LE_[11]	R=Nsatu/(N-Nloss) 0.0≤R≤1.0を満たす。 R: 飽和ピクセル率 N: L1B画像のピクセル数 Image_data/Number_of_lines) × Image_data/Number_of_pixels) Nloss: ピクセル数Nのうち欠損値であるピクセル数 Nsatu: ピクセル数Nのうち飽和しているピクセル数 飽和の判定条件: 分光放射輝度値≥Lsatu Lsatu: 分光放射輝度値の飽和しきい値。 Lsatu=16381.5 * slope + offset slope: Image_data/Lt_*/slopeの格納値 offset: Image_data/Lt_*/offsetの格納値
									Abnormal_positions_rate	0.0	H5T_IEEE_F32LE	
									Abnormal_velocities_rate	0.0	H5T_IEEE_F32LE	
									Abnormal_attitudes_rate	0.0	H5T_IEEE_F32LE	
									Geometric_information_error_rate	0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0	H5T_IEEE_F32LE_[11]	
									Stray_light_corrected_pixels_rate	0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0	H5T_IEEE_F32LE_[11]	
									Radiance_error_pixels_rate	0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0	H5T_IEEE_F32LE_[11]	
									Stripe_correction	1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1	H5T_STD_U32LE_[11]	縞除去実施有無 1: 実施 0: 実施せず
									Radiometer_correction	1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1	H5T_STD_U32LE_[11]	鏡筒間整合性補正実施有無 1: 実施 0: 実施せず
									L1B_line_sample_interval	dt=147.1734msec (1km)	H5T_C_S1	
									Orbital_period	6057sec	H5T_C_S1	
									Representative_channel	VN01	H5T_C_S1	
								Individual_quality_info	GGGGGGGGGGGGGGGGGG	H5T_C_S1	G: Good P: Poor F: Fair N: NG	
								Quality_judge_line	0	H5T_STD_I32LE		

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考							
	Processing_attributes								Contact_point	JAXA/GCOM project team	H5T_C_S1	L1Aプロダクトを入力とした再処理プロダクトの場合には、L1Aプロダクト名が格納される。							
									Input_files		H5T_C_S1								
									Processing_UT	20120813 01:30:35	H5T_C_S1								
									Processing_result	Good	H5T_C_S1								
									Processing_result_description	Good, Fair, Poor, NG	H5T_C_S1								
									Processing_organization	JAXA/GCOM-C project	H5T_C_S1								
									Number_of_lines	743	H5T_STD_I32LE								
									Number_of_pixels	501	H5T_STD_I32LE								
	Geometry_data								Image_projection	LIB reference grid	H5T_C_S1								
									Grid_interval	2500	H5T_IEEE_F32LE								
									Grid_interval_unit	meter	H5T_C_S1								
									Latitude_unit	degree North	H5T_C_S1								
									Longitude_unit	degree East	H5T_C_S1								
									Upper_left_longitude	124.127	H5T_IEEE_F32LE								
									Upper_left_latitude	46.2602	H5T_IEEE_F32LE								
									Upper_right_longitude	143.978	H5T_IEEE_F32LE								
									Upper_right_latitude	43.2426	H5T_IEEE_F32LE								
									Lower_left_longitude	120.908	H5T_IEEE_F32LE								
									Lower_left_latitude	29.0959	H5T_IEEE_F32LE								
									Lower_right_longitude	136.931	H5T_IEEE_F32LE								
									Lower_right_latitude	26.6657	H5T_IEEE_F32LE								
									1	ECR_position_VN01	格子点衛星位置 (ECR) (VN01)	H5T_IEEE_F64LE	743	9	3		Data_description	ECR position at sampling column addresses of 352, 1076, 1800 for NP-L, 1848, 2500, 3152 for NP-N, and 3200, 3924, 4648 for NP-R with respect to VN01	H5T_C_S1
																	Unit	km	H5T_C_S1
																	Resampling_interval	10	H5T_STD_I32LE
Resampling_interval_unit	pixel(line)	H5T_C_S1																	
Dim0	Line grids	H5T_C_S1																	
Dim1	Sampling column address	H5T_C_S1																	
Dim2	XYZ	H5T_C_S1																	
Minimum_valid_value	-7200	H5T_IEEE_F64LE																	
Maximum_valid_value	7200	H5T_IEEE_F64LE																	
Error_value	-9999	H5T_IEEE_F64LE																	
2	ECR_position_VN02	格子点衛星位置 (ECR) (VN02)	H5T_IEEE_F64LE	743	9	3		Data_description									ECR position at sampling column addresses of 352, 1076, 1800 for NP-L, 1848, 2500, 3152 for NP-N, and 3200, 3924, 4648 for NP-R with respect to VN02	H5T_C_S1	
								Unit									km	H5T_C_S1	
								Resampling_interval									10	H5T_STD_I32LE	
								Resampling_interval_unit	pixel(line)	H5T_C_S1									
								Dim0	Line grids	H5T_C_S1									
								Dim1	Sampling column address	H5T_C_S1									
								Dim2	XYZ	H5T_C_S1									
								Minimum_valid_value	-7200	H5T_IEEE_F64LE									
								Maximum_valid_value	7200	H5T_IEEE_F64LE									
								Error_value	-9999	H5T_IEEE_F64LE									
								3	ECR_position_VN03	格子点衛星位置 (ECR) (VN03)	H5T_IEEE_F64LE	743	9	3		Data_description	ECR position at sampling column addresses of 352, 1076, 1800 for NP-L, 1848, 2500, 3152 for NP-N, and 3200, 3924, 4648 for NP-R with respect to VN03	H5T_C_S1	
																Unit	km	H5T_C_S1	
																Resampling_interval	10	H5T_STD_I32LE	
Resampling_interval_unit	pixel(line)	H5T_C_S1																	
Dim0	Line grids	H5T_C_S1																	
Dim1	Sampling column address	H5T_C_S1																	
Dim2	XYZ	H5T_C_S1																	
Minimum_valid_value	-7200	H5T_IEEE_F64LE																	
Maximum_valid_value	7200	H5T_IEEE_F64LE																	
Error_value	-9999	H5T_IEEE_F64LE																	
4	ECR_position_VN04	格子点衛星位置 (ECR) (VN04)	H5T_IEEE_F64LE	743	9	3										Data_description	ECR position at sampling column addresses of 352, 1076, 1800 for NP-L, 1848, 2500, 3152 for NP-N, and 3200, 3924, 4648 for NP-R with respect to VN04	H5T_C_S1	
																Unit	km	H5T_C_S1	
																Resampling_interval	10	H5T_STD_I32LE	
								Resampling_interval_unit	pixel(line)	H5T_C_S1									
								Dim0	Line grids	H5T_C_S1									
								Dim1	Sampling column address	H5T_C_S1									
								Dim2	XYZ	H5T_C_S1									
								Minimum_valid_value	-7200	H5T_IEEE_F64LE									
								Maximum_valid_value	7200	H5T_IEEE_F64LE									
								Error_value	-9999	H5T_IEEE_F64LE									
								5	ECR_position_VN05	格子点衛星位置 (ECR) (VN05)	H5T_IEEE_F64LE	743	9	3		Data_description	ECR position at sampling column addresses of 352, 1076, 1800 for NP-L, 1848, 2500, 3152 for NP-N, and 3200, 3924, 4648 for NP-R with respect to VN05	H5T_C_S1	
																Unit	km	H5T_C_S1	
																Resampling_interval	10	H5T_STD_I32LE	
Resampling_interval_unit	pixel(line)	H5T_C_S1																	
Dim0	Line grids	H5T_C_S1																	
Dim1	Sampling column address	H5T_C_S1																	
Dim2	XYZ	H5T_C_S1																	
Minimum_valid_value	-7200	H5T_IEEE_F64LE																	
Maximum_valid_value	7200	H5T_IEEE_F64LE																	
Error_value	-9999	H5T_IEEE_F64LE																	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考							
6		ECR_position_VN06	格子点衛星位置(ECR)(VN06)	H5T_IEEE_F64LE	743	9	3	Data_description	ECR position at sampling column addresses of 352, 1076, 1800 for NP-L, 1848, 2500, 3152 for NP-N, and 3200, 3924, 4648 for NP-R with respect to VN06	H5T_C_S1									
								Unit	km	H5T_C_S1									
								Resampling_interval	10	H5T_STD_I32LE									
								Resampling_interval_unit	pixel(line)	H5T_C_S1									
								Dim0	Line grids	H5T_C_S1									
								Dim1	Sampling column address	H5T_C_S1									
								Dim2	XYZ	H5T_C_S1									
								Minimum_valid_value	-7200	H5T_IEEE_F64LE									
								Maximum_valid_value	7200	H5T_IEEE_F64LE									
								Error_value	-9999	H5T_IEEE_F64LE									
								7		ECR_position_VN07	格子点衛星位置(ECR)(VN07)	H5T_IEEE_F64LE	743	9	3	Data_description	ECR position at sampling column addresses of 352, 1076, 1800 for NP-L, 1848, 2500, 3152 for NP-N, and 3200, 3924, 4648 for NP-R with respect to VN07	H5T_C_S1	
																Unit	km	H5T_C_S1	
Resampling_interval	10	H5T_STD_I32LE																	
Resampling_interval_unit	pixel(line)	H5T_C_S1																	
Dim0	Line grids	H5T_C_S1																	
Dim1	Sampling column address	H5T_C_S1																	
Dim2	XYZ	H5T_C_S1																	
Minimum_valid_value	-7200	H5T_IEEE_F64LE																	
Maximum_valid_value	7200	H5T_IEEE_F64LE																	
Error_value	-9999	H5T_IEEE_F64LE																	
8		ECR_position_VN08	格子点衛星位置(ECR)(VN08)	H5T_IEEE_F64LE	743	9	3									Data_description	ECR position at sampling column addresses of 352, 1076, 1800 for NP-L, 1848, 2500, 3152 for NP-N, and 3200, 3924, 4648 for NP-R with respect to VN08	H5T_C_S1	
																Unit	km	H5T_C_S1	
								Resampling_interval	10	H5T_STD_I32LE									
								Resampling_interval_unit	pixel(line)	H5T_C_S1									
								Dim0	Line grids	H5T_C_S1									
								Dim1	Sampling column address	H5T_C_S1									
								Dim2	XYZ	H5T_C_S1									
								Minimum_valid_value	-7200	H5T_IEEE_F64LE									
								Maximum_valid_value	7200	H5T_IEEE_F64LE									
								Error_value	-9999	H5T_IEEE_F64LE									
								9		ECR_position_VN09	格子点衛星位置(ECR)(VN09)	H5T_IEEE_F64LE	743	9	3	Data_description	ECR position at sampling column addresses of 352, 1076, 1800 for NP-L, 1848, 2500, 3152 for NP-N, and 3200, 3924, 4648 for NP-R with respect to VN09	H5T_C_S1	
																Unit	km	H5T_C_S1	
Resampling_interval	10	H5T_STD_I32LE																	
Resampling_interval_unit	pixel(line)	H5T_C_S1																	
Dim0	Line grids	H5T_C_S1																	
Dim1	Sampling column address	H5T_C_S1																	
Dim2	XYZ	H5T_C_S1																	
Minimum_valid_value	-7200	H5T_IEEE_F64LE																	
Maximum_valid_value	7200	H5T_IEEE_F64LE																	
Error_value	-9999	H5T_IEEE_F64LE																	
10		ECR_position_VN10	格子点衛星位置(ECR)(VN10)	H5T_IEEE_F64LE	743	9	3									Data_description	ECR position at sampling column addresses of 352, 1076, 1800 for NP-L, 1848, 2500, 3152 for NP-N, and 3200, 3924, 4648 for NP-R with respect to VN10	H5T_C_S1	
																Unit	km	H5T_C_S1	
								Resampling_interval	10	H5T_STD_I32LE									
								Resampling_interval_unit	pixel(line)	H5T_C_S1									
								Dim0	Line grids	H5T_C_S1									
								Dim1	Sampling column address	H5T_C_S1									
								Dim2	XYZ	H5T_C_S1									
								Minimum_valid_value	-7200	H5T_IEEE_F64LE									
								Maximum_valid_value	7200	H5T_IEEE_F64LE									
								Error_value	-9999	H5T_IEEE_F64LE									
								11		ECR_position_VN11	格子点衛星位置(ECR)(VN11)	H5T_IEEE_F64LE	743	9	3	Data_description	ECR position at sampling column addresses of 352, 1076, 1800 for NP-L, 1848, 2500, 3152 for NP-N, and 3200, 3924, 4648 for NP-R with respect to VN11	H5T_C_S1	
																Unit	km	H5T_C_S1	
Resampling_interval	10	H5T_STD_I32LE																	
Resampling_interval_unit	pixel(line)	H5T_C_S1																	
Dim0	Line grids	H5T_C_S1																	
Dim1	Sampling column address	H5T_C_S1																	
Dim2	XYZ	H5T_C_S1																	
Minimum_valid_value	-7200	H5T_IEEE_F64LE																	
Maximum_valid_value	7200	H5T_IEEE_F64LE																	
Error_value	-9999	H5T_IEEE_F64LE																	
12		Latitude	格子点緯度	H5T_IEEE_F32LE	743	501	Data_description									Latitude (degree)	H5T_C_S1		
							Unit									degree	H5T_C_S1		
							Slope	1	H5T_IEEE_F32LE										
							Offset	0	H5T_IEEE_F32LE										
							Resampling_interval	10	H5T_STD_I32LE										
							Resampling_interval_unit	pixel	H5T_C_S1										
							Dim0	Line grids	H5T_C_S1										
							Dim1	Pixel grids	H5T_C_S1										
							Minimum_valid_value	-90	H5T_IEEE_F32LE										
							Maximum_valid_value	90	H5T_IEEE_F32LE										
							Error_value	-999	H5T_IEEE_F32LE										

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考											
13		Longitude	格子点経度	H5T_IEEE_F32LE	743	501			Data_description	Longitude (degree)	H5T_C_S1												
										Minimum valid value < value <= Maximum valid value	H5T_C_S1												
										Unit	degree		H5T_C_S1										
										Slope	1		H5T_IEEE_F32LE										
										Offset	0		H5T_IEEE_F32LE										
										Resampling_interval	10		H5T_STD_I32LE										
										Resampling_interval_unit	pixel		H5T_C_S1										
										Dim0	Line grids		H5T_C_S1										
										Dim1	Pixel grids		H5T_C_S1										
										Minimum valid value	-180		H5T_IEEE_F32LE										
										Maximum valid value	180		H5T_IEEE_F32LE										
										Error_value	-999		H5T_IEEE_F32LE										
									14		Matrix_OPT_to_ECR_VN01		格子点座標変換行列 (OPT座標→ECR座標) (VN01)	H5T_IEEE_F64LE	743	9	9		Data_description	Coordinates transformation matrix from OPT to ECR at sampling column addresses of 352, 1076, 1800 for NP-L, 1848, 2500, 3152 for NP-N, and 3200, 3924, 4648 for NP-R with respect to VN01	H5T_C_S1		
	Unit	N/A	H5T_C_S1																				
	Resampling_interval	10	H5T_STD_I32LE																				
	Resampling_interval_unit	pixel(line)	H5T_C_S1																				
	Minimum valid value	-1	H5T_IEEE_F64LE																				
	Maximum valid value	1	H5T_IEEE_F64LE																				
	Error_value	-999	H5T_IEEE_F64LE																				
	Dim0	Line grids	H5T_C_S1																				
	Dim1	Sampling column address	H5T_C_S1																				
	Dim2	elements of 3x3 matrix (line x column)	H5T_C_S1																				
15		Matrix_OPT_to_ECR_VN02	格子点座標変換行列 (OPT座標→ECR座標) (VN02)	H5T_IEEE_F64LE	743	9	9					Data_description							Coordinates transformation matrix from OPT to ECR at sampling column addresses of 352, 1076, 1800 for NP-L, 1848, 2500, 3152 for NP-N, and 3200, 3924, 4648 for NP-R with respect to VN02	H5T_C_S1			
																			Unit	N/A			H5T_C_S1
																			Resampling_interval	10			H5T_STD_I32LE
										Resampling_interval_unit	pixel(line)	H5T_C_S1											
										Minimum valid value	-1	H5T_IEEE_F64LE											
										Maximum valid value	1	H5T_IEEE_F64LE											
										Error_value	-999	H5T_IEEE_F64LE											
										Dim0	Line grids	H5T_C_S1											
										Dim1	Sampling column address	H5T_C_S1											
										Dim2	elements of 3x3 matrix (line x column)	H5T_C_S1											
									16		Matrix_OPT_to_ECR_VN03	格子点座標変換行列 (OPT座標→ECR座標) (VN03)	H5T_IEEE_F64LE	743	9	9		Data_description	Coordinates transformation matrix from OPT to ECR at sampling column addresses of 352, 1076, 1800 for NP-L, 1848, 2500, 3152 for NP-N, and 3200, 3924, 4648 for NP-R with respect to VN03	H5T_C_S1			
																			Unit	N/A			H5T_C_S1
																			Resampling_interval	10			H5T_STD_I32LE
	Resampling_interval_unit	pixel(line)	H5T_C_S1																				
	Minimum valid value	-1	H5T_IEEE_F64LE																				
	Maximum valid value	1	H5T_IEEE_F64LE																				
	Error_value	-999	H5T_IEEE_F64LE																				
	Dim0	Line grids	H5T_C_S1																				
	Dim1	Sampling column address	H5T_C_S1																				
	Dim2	elements of 3x3 matrix (line x column)	H5T_C_S1																				
17		Matrix_OPT_to_ECR_VN04	格子点座標変換行列 (OPT座標→ECR座標) (VN04)	H5T_IEEE_F64LE	743	9	9											Data_description	Coordinates transformation matrix from OPT to ECR at sampling column addresses of 352, 1076, 1800 for NP-L, 1848, 2500, 3152 for NP-N, and 3200, 3924, 4648 for NP-R with respect to VN04	H5T_C_S1			
																			Unit	N/A			H5T_C_S1
																			Resampling_interval	10			H5T_STD_I32LE
										Resampling_interval_unit	pixel(line)	H5T_C_S1											
										Minimum valid value	-1	H5T_IEEE_F64LE											
										Maximum valid value	1	H5T_IEEE_F64LE											
										Error_value	-999	H5T_IEEE_F64LE											
										Dim0	Line grids	H5T_C_S1											
										Dim1	Sampling column address	H5T_C_S1											
										Dim2	elements of 3x3 matrix (line x column)	H5T_C_S1											
									18		Matrix_OPT_to_ECR_VN05	格子点座標変換行列 (OPT座標→ECR座標) (VN05)	H5T_IEEE_F64LE	743	9	9		Data_description	Coordinates transformation matrix from OPT to ECR at sampling column addresses of 352, 1076, 1800 for NP-L, 1848, 2500, 3152 for NP-N, and 3200, 3924, 4648 for NP-R with respect to VN05	H5T_C_S1			
																			Unit	N/A			H5T_C_S1
																			Resampling_interval	10			H5T_STD_I32LE
	Resampling_interval_unit	pixel(line)	H5T_C_S1																				
	Minimum valid value	-1	H5T_IEEE_F64LE																				
	Maximum valid value	1	H5T_IEEE_F64LE																				
	Error_value	-999	H5T_IEEE_F64LE																				
	Dim0	Line grids	H5T_C_S1																				
	Dim1	Sampling column address	H5T_C_S1																				
	Dim2	elements of 3x3 matrix (line x column)	H5T_C_S1																				

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考										
19		Matrix_OPT_to_ECR_VN06	格子点座標変換行列 (OPT座標→ECR座標) (VN06)	H5T_IEEE_F64LE	743	9	9		Data_description	Coordinates transformation matrix from OPT to ECR at sampling column addresses of 352, 1076, 1800 for NP-L, 1848, 2500, 3152 for NP-N, and 3200, 3924, 4648 for NP-R with respect to VN06	H5T_C_S1											
									Unit	N/A	H5T_C_S1											
									Resampling_interval	10	H5T_STD_I32LE											
									Resampling_interval_unit	pixel(line)	H5T_C_S1											
									Minimum_valid_value	-1	H5T_IEEE_F64LE											
									Maximum_valid_value	1	H5T_IEEE_F64LE											
									Error_value	-999	H5T_IEEE_F64LE											
									Dim0	Line grids	H5T_C_S1											
									Dim1	Sampling column address	H5T_C_S1											
									Dim2	elements of 3x3 matrix (line x column)	H5T_C_S1											
									20		Matrix_OPT_to_ECR_VN07		格子点座標変換行列 (OPT座標→ECR座標) (VN07)	H5T_IEEE_F64LE	743	9	9		Data_description	Coordinates transformation matrix from OPT to ECR at sampling column addresses of 352, 1076, 1800 for NP-L, 1848, 2500, 3152 for NP-N, and 3200, 3924, 4648 for NP-R with respect to VN07	H5T_C_S1	
																			Unit	N/A	H5T_C_S1	
																			Resampling_interval	10	H5T_STD_I32LE	
Resampling_interval_unit	pixel(line)	H5T_C_S1																				
Minimum_valid_value	-1	H5T_IEEE_F64LE																				
Maximum_valid_value	1	H5T_IEEE_F64LE																				
Error_value	-999	H5T_IEEE_F64LE																				
Dim0	Line grids	H5T_C_S1																				
Dim1	Sampling column address	H5T_C_S1																				
Dim2	elements of 3x3 matrix (line x column)	H5T_C_S1																				
21		Matrix_OPT_to_ECR_VN08	格子点座標変換行列 (OPT座標→ECR座標) (VN08)	H5T_IEEE_F64LE	743	9	9					Data_description							Coordinates transformation matrix from OPT to ECR at sampling column addresses of 352, 1076, 1800 for NP-L, 1848, 2500, 3152 for NP-N, and 3200, 3924, 4648 for NP-R with respect to VN08	H5T_C_S1		
												Unit							N/A	H5T_C_S1		
												Resampling_interval							10	H5T_STD_I32LE		
									Resampling_interval_unit	pixel(line)	H5T_C_S1											
									Minimum_valid_value	-1	H5T_IEEE_F64LE											
									Maximum_valid_value	1	H5T_IEEE_F64LE											
									Error_value	-999	H5T_IEEE_F64LE											
									Dim0	Line grids	H5T_C_S1											
									Dim1	Sampling column address	H5T_C_S1											
									Dim2	elements of 3x3 matrix (line x column)	H5T_C_S1											
									22		Matrix_OPT_to_ECR_VN09	格子点座標変換行列 (OPT座標→ECR座標) (VN09)	H5T_IEEE_F64LE	743	9	9		Data_description	Coordinates transformation matrix from OPT to ECR at sampling column addresses of 352, 1076, 1800 for NP-L, 1848, 2500, 3152 for NP-N, and 3200, 3924, 4648 for NP-R with respect to VN09	H5T_C_S1		
																		Unit	N/A	H5T_C_S1		
																		Resampling_interval	10	H5T_STD_I32LE		
Resampling_interval_unit	pixel(line)	H5T_C_S1																				
Minimum_valid_value	-1	H5T_IEEE_F64LE																				
Maximum_valid_value	1	H5T_IEEE_F64LE																				
Error_value	-999	H5T_IEEE_F64LE																				
Dim0	Line grids	H5T_C_S1																				
Dim1	Sampling column address	H5T_C_S1																				
Dim2	elements of 3x3 matrix (line x column)	H5T_C_S1																				
23		Matrix_OPT_to_ECR_VN10	格子点座標変換行列 (OPT座標→ECR座標) (VN10)	H5T_IEEE_F64LE	743	9	9											Data_description	Coordinates transformation matrix from OPT to ECR at sampling column addresses of 352, 1076, 1800 for NP-L, 1848, 2500, 3152 for NP-N, and 3200, 3924, 4648 for NP-R with respect to VN10	H5T_C_S1		
																		Unit	N/A	H5T_C_S1		
																		Resampling_interval	10	H5T_STD_I32LE		
									Resampling_interval_unit	pixel(line)	H5T_C_S1											
									Minimum_valid_value	-1	H5T_IEEE_F64LE											
									Maximum_valid_value	1	H5T_IEEE_F64LE											
									Error_value	-999	H5T_IEEE_F64LE											
									Dim0	Line grids	H5T_C_S1											
									Dim1	Sampling column address	H5T_C_S1											
									Dim2	elements of 3x3 matrix (line x column)	H5T_C_S1											
									24		Matrix_OPT_to_ECR_VN11	格子点座標変換行列 (OPT座標→ECR座標) (VN11)	H5T_IEEE_F64LE	743	9	9		Data_description	Coordinates transformation matrix from OPT to ECR at sampling column addresses of 352, 1076, 1800 for NP-L, 1848, 2500, 3152 for NP-N, and 3200, 3924, 4648 for NP-R with respect to VN11	H5T_C_S1		
																		Unit	N/A	H5T_C_S1		
																		Resampling_interval	10	H5T_STD_I32LE		
Resampling_interval_unit	pixel(line)	H5T_C_S1																				
Minimum_valid_value	-1	H5T_IEEE_F64LE																				
Maximum_valid_value	1	H5T_IEEE_F64LE																				
Error_value	-999	H5T_IEEE_F64LE																				
Dim0	Line grids	H5T_C_S1																				
Dim1	Sampling column address	H5T_C_S1																				
Dim2	elements of 3x3 matrix (line x column)	H5T_C_S1																				

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
25		Obs_time	格子点観測時刻	H5T_STD_I16LE	743	501			Data_description	Observation time (hour)	H5T_C_S1	UTC時系でその日の始まり(グレゴリウスIDの観測開始年月日00時00分00秒)からの経過時間。
									Unit	hour	H5T_C_S1	
									Slope	0.001	H5T_IEEE_F32LE	
									Offset	0	H5T_IEEE_F32LE	
									Resampling_interval	10	H5T_STD_I32LE	
									Resampling_interval_unit	pixel	H5T_C_S1	
									Dim0	Line grids	H5T_C_S1	
									Dim1	Pixel grids	H5T_C_S1	
									Minimum_valid_DN	-32767	H5T_STD_I16LE	
									Maximum_valid_DN	32767	H5T_STD_I16LE	
									Error_DN	-32768	H5T_STD_I16LE	
									26		Obs_time_VN01	
Unit	hour	H5T_C_S1										
Slope	0.001	H5T_IEEE_F32LE										
Offset	0	H5T_IEEE_F32LE										
Resampling_interval	10	H5T_STD_I32LE										
Resampling_interval_unit	pixel	H5T_C_S1										
Dim0	Line grids	H5T_C_S1										
Dim1	Pixel grids	H5T_C_S1										
Minimum_valid_DN	-32767	H5T_STD_I16LE										
Maximum_valid_DN	32767	H5T_STD_I16LE										
Error_DN	-32768	H5T_STD_I16LE										
27		Obs_time_VN02	格子点観測時刻(VN02)	H5T_STD_I16LE	743	501						Data_description
									Unit	hour	H5T_C_S1	
									Slope	0.001	H5T_IEEE_F32LE	
									Offset	0	H5T_IEEE_F32LE	
									Resampling_interval	10	H5T_STD_I32LE	
									Resampling_interval_unit	pixel	H5T_C_S1	
									Dim0	Line grids	H5T_C_S1	
									Dim1	Pixel grids	H5T_C_S1	
									Minimum_valid_DN	-32767	H5T_STD_I16LE	
									Maximum_valid_DN	32767	H5T_STD_I16LE	
									Error_DN	-32768	H5T_STD_I16LE	
									28		Obs_time_VN03	格子点観測時刻(VN03)
Unit	hour	H5T_C_S1										
Slope	0.001	H5T_IEEE_F32LE										
Offset	0	H5T_IEEE_F32LE										
Resampling_interval	10	H5T_STD_I32LE										
Resampling_interval_unit	pixel	H5T_C_S1										
Dim0	Line grids	H5T_C_S1										
Dim1	Pixel grids	H5T_C_S1										
Minimum_valid_DN	-32767	H5T_STD_I16LE										
Maximum_valid_DN	32767	H5T_STD_I16LE										
Error_DN	-32768	H5T_STD_I16LE										
29		Obs_time_VN04	格子点観測時刻(VN04)	H5T_STD_I16LE	743	501						
									Unit	hour	H5T_C_S1	
									Slope	0.001	H5T_IEEE_F32LE	
									Offset	0	H5T_IEEE_F32LE	
									Resampling_interval	10	H5T_STD_I32LE	
									Resampling_interval_unit	pixel	H5T_C_S1	
									Dim0	Line grids	H5T_C_S1	
									Dim1	Pixel grids	H5T_C_S1	
									Minimum_valid_DN	-32767	H5T_STD_I16LE	
									Maximum_valid_DN	32767	H5T_STD_I16LE	
									Error_DN	-32768	H5T_STD_I16LE	
									30		Obs_time_VN05	格子点観測時刻(VN05)
Unit	hour	H5T_C_S1										
Slope	0.001	H5T_IEEE_F32LE										
Offset	0	H5T_IEEE_F32LE										
Resampling_interval	10	H5T_STD_I32LE										
Resampling_interval_unit	pixel	H5T_C_S1										
Dim0	Line grids	H5T_C_S1										
Dim1	Pixel grids	H5T_C_S1										
Minimum_valid_DN	-32767	H5T_STD_I16LE										
Maximum_valid_DN	32767	H5T_STD_I16LE										
Error_DN	-32768	H5T_STD_I16LE										

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
31		Obs_time_VN06	格子点観測時刻(VN06)	H5T_STD_I16LE	743	501			Data_description	Observation time of VN06	H5T_C_S1	UTC時系でその日の始まり(グラ ニールIDの観測開始年月日00 時00分00秒)からの経過時間。
									Unit	hour	H5T_C_S1	
									Slope	0.001	H5T_IEEE_F32LE	
									Offset	0	H5T_IEEE_F32LE	
									Resampling_interval	10	H5T_STD_I32LE	
									Resampling_interval_unit	pixel	H5T_C_S1	
									Dim0	Line grids	H5T_C_S1	
									Dim1	Pixel grids	H5T_C_S1	
									Minimum_valid_DN	-32767	H5T_STD_I16LE	
									Maximum_valid_DN	32767	H5T_STD_I16LE	
									Error_DN	-32768	H5T_STD_I16LE	
									32		Obs_time_VN07	
Unit	hour	H5T_C_S1										
Slope	0.001	H5T_IEEE_F32LE										
Offset	0	H5T_IEEE_F32LE										
Resampling_interval	10	H5T_STD_I32LE										
Resampling_interval_unit	pixel	H5T_C_S1										
Dim0	Line grids	H5T_C_S1										
Dim1	Pixel grids	H5T_C_S1										
Minimum_valid_DN	-32767	H5T_STD_I16LE										
Maximum_valid_DN	32767	H5T_STD_I16LE										
Error_DN	-32768	H5T_STD_I16LE										
33		Obs_time_VN08	格子点観測時刻(VN08)	H5T_STD_I16LE	743	501						Data_description
									Unit	hour	H5T_C_S1	
									Slope	0.001	H5T_IEEE_F32LE	
									Offset	0	H5T_IEEE_F32LE	
									Resampling_interval	10	H5T_STD_I32LE	
									Resampling_interval_unit	pixel	H5T_C_S1	
									Dim0	Line grids	H5T_C_S1	
									Dim1	Pixel grids	H5T_C_S1	
									Minimum_valid_DN	-32767	H5T_STD_I16LE	
									Maximum_valid_DN	32767	H5T_STD_I16LE	
									Error_DN	-32768	H5T_STD_I16LE	
									34		Obs_time_VN09	格子点観測時刻(VN09)
Unit	hour	H5T_C_S1										
Slope	0.001	H5T_IEEE_F32LE										
Offset	0	H5T_IEEE_F32LE										
Resampling_interval	10	H5T_STD_I32LE										
Resampling_interval_unit	pixel	H5T_C_S1										
Dim0	Line grids	H5T_C_S1										
Dim1	Pixel grids	H5T_C_S1										
Minimum_valid_DN	-32767	H5T_STD_I16LE										
Maximum_valid_DN	32767	H5T_STD_I16LE										
Error_DN	-32768	H5T_STD_I16LE										
35		Obs_time_VN10	格子点観測時刻(VN10)	H5T_STD_I16LE	743	501						
									Unit	hour	H5T_C_S1	
									Slope	0.001	H5T_IEEE_F32LE	
									Offset	0	H5T_IEEE_F32LE	
									Resampling_interval	10	H5T_STD_I32LE	
									Resampling_interval_unit	pixel	H5T_C_S1	
									Dim0	Line grids	H5T_C_S1	
									Dim1	Pixel grids	H5T_C_S1	
									Minimum_valid_DN	-32767	H5T_STD_I16LE	
									Maximum_valid_DN	32767	H5T_STD_I16LE	
									Error_DN	-32768	H5T_STD_I16LE	
									36		Obs_time_VN11	格子点観測時刻(VN11)
Unit	hour	H5T_C_S1										
Slope	0.001	H5T_IEEE_F32LE										
Offset	0	H5T_IEEE_F32LE										
Resampling_interval	10	H5T_STD_I32LE										
Resampling_interval_unit	pixel	H5T_C_S1										
Dim0	Line grids	H5T_C_S1										
Dim1	Pixel grids	H5T_C_S1										
Minimum_valid_DN	-32767	H5T_STD_I16LE										
Maximum_valid_DN	32767	H5T_STD_I16LE										
Error_DN	-32768	H5T_STD_I16LE										
37		Sensor_azimuth	格子点センサ方位角	H5T_STD_I16LE	743	501						
									Unit	degree	H5T_C_S1	
									Slope	0.01	H5T_IEEE_F32LE	
									Offset	0	H5T_IEEE_F32LE	
									Resampling_interval	10	H5T_STD_I32LE	
									Resampling_interval_unit	pixel	H5T_C_S1	
									Dim0	Line grids	H5T_C_S1	
									Dim1	Pixel grids	H5T_C_S1	
									Minimum_valid_DN	-32767	H5T_STD_I16LE	
									Maximum_valid_DN	32767	H5T_STD_I16LE	
									Error_DN	-32768	H5T_STD_I16LE	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考								
38		Sensor_azimuth_VN01	格子点センサ方位角 (VN01)	H5T_STD_I16LE	743	501		Data description	Sensor azimuth angle of VN01	H5T_C_S1										
								Unit	degree	H5T_C_S1										
								Slope	0.01	H5T_IEEE_F32LE										
								Offset	0	H5T_IEEE_F32LE										
								Resampling interval	10	H5T_STD_I32LE										
								Resampling interval unit	pixel	H5T_C_S1										
								Dim0	Line grids	H5T_C_S1										
								Dim1	Pixel grids	H5T_C_S1										
								Minimum valid DN	-32767	H5T_STD_I16LE										
								Maximum valid DN	32767	H5T_STD_I16LE										
								Error DN	-32768	H5T_STD_I16LE										
								39		Sensor_azimuth_VN02		格子点センサ方位角 (VN02)	H5T_STD_I16LE	743	501		Data description	Sensor azimuth angle of VN02	H5T_C_S1	
																	Unit	degree	H5T_C_S1	
																	Slope	0.01	H5T_IEEE_F32LE	
Offset	0	H5T_IEEE_F32LE																		
Resampling interval	10	H5T_STD_I32LE																		
Resampling interval unit	pixel	H5T_C_S1																		
Dim0	Line grids	H5T_C_S1																		
Dim1	Pixel grids	H5T_C_S1																		
Minimum valid DN	-32767	H5T_STD_I16LE																		
Maximum valid DN	32767	H5T_STD_I16LE																		
Error DN	-32768	H5T_STD_I16LE																		
40		Sensor_azimuth_VN03	格子点センサ方位角 (VN03)	H5T_STD_I16LE	743	501					Data description						Sensor azimuth angle of VN03	H5T_C_S1		
											Unit						degree	H5T_C_S1		
											Slope						0.01	H5T_IEEE_F32LE		
								Offset	0	H5T_IEEE_F32LE										
								Resampling interval	10	H5T_STD_I32LE										
								Resampling interval unit	pixel	H5T_C_S1										
								Dim0	Line grids	H5T_C_S1										
								Dim1	Pixel grids	H5T_C_S1										
								Minimum valid DN	-32767	H5T_STD_I16LE										
								Maximum valid DN	32767	H5T_STD_I16LE										
								Error DN	-32768	H5T_STD_I16LE										
								41		Sensor_azimuth_VN04	格子点センサ方位角 (VN04)	H5T_STD_I16LE	743	501		Data description	Sensor azimuth angle of VN04	H5T_C_S1		
																Unit	degree	H5T_C_S1		
																Slope	0.01	H5T_IEEE_F32LE		
Offset	0	H5T_IEEE_F32LE																		
Resampling interval	10	H5T_STD_I32LE																		
Resampling interval unit	pixel	H5T_C_S1																		
Dim0	Line grids	H5T_C_S1																		
Dim1	Pixel grids	H5T_C_S1																		
Minimum valid DN	-32767	H5T_STD_I16LE																		
Maximum valid DN	32767	H5T_STD_I16LE																		
Error DN	-32768	H5T_STD_I16LE																		
42		Sensor_azimuth_VN05	格子点センサ方位角 (VN05)	H5T_STD_I16LE	743	501										Data description	Sensor azimuth angle of VN05	H5T_C_S1		
																Unit	degree	H5T_C_S1		
																Slope	0.01	H5T_IEEE_F32LE		
								Offset	0	H5T_IEEE_F32LE										
								Resampling interval	10	H5T_STD_I32LE										
								Resampling interval unit	pixel	H5T_C_S1										
								Dim0	Line grids	H5T_C_S1										
								Dim1	Pixel grids	H5T_C_S1										
								Minimum valid DN	-32767	H5T_STD_I16LE										
								Maximum valid DN	32767	H5T_STD_I16LE										
								Error DN	-32768	H5T_STD_I16LE										
								43		Sensor_azimuth_VN06	格子点センサ方位角 (VN06)	H5T_STD_I16LE	743	501		Data description	Sensor azimuth angle of VN06	H5T_C_S1		
																Unit	degree	H5T_C_S1		
																Slope	0.01	H5T_IEEE_F32LE		
Offset	0	H5T_IEEE_F32LE																		
Resampling interval	10	H5T_STD_I32LE																		
Resampling interval unit	pixel	H5T_C_S1																		
Dim0	Line grids	H5T_C_S1																		
Dim1	Pixel grids	H5T_C_S1																		
Minimum valid DN	-32767	H5T_STD_I16LE																		
Maximum valid DN	32767	H5T_STD_I16LE																		
Error DN	-32768	H5T_STD_I16LE																		
44		Sensor_azimuth_VN07	格子点センサ方位角 (VN07)	H5T_STD_I16LE	743	501										Data description	Sensor azimuth angle of VN07	H5T_C_S1		
																Unit	degree	H5T_C_S1		
																Slope	0.01	H5T_IEEE_F32LE		
								Offset	0	H5T_IEEE_F32LE										
								Resampling interval	10	H5T_STD_I32LE										
								Resampling interval unit	pixel	H5T_C_S1										
								Dim0	Line grids	H5T_C_S1										
								Dim1	Pixel grids	H5T_C_S1										
								Minimum valid DN	-32767	H5T_STD_I16LE										
								Maximum valid DN	32767	H5T_STD_I16LE										
								Error DN	-32768	H5T_STD_I16LE										
								45		Sensor_azimuth_VN08	格子点センサ方位角 (VN08)	H5T_STD_I16LE	743	501		Data description	Sensor azimuth angle of VN08	H5T_C_S1		
																Unit	degree	H5T_C_S1		
																Slope	0.01	H5T_IEEE_F32LE		
Offset	0	H5T_IEEE_F32LE																		
Resampling interval	10	H5T_STD_I32LE																		
Resampling interval unit	pixel	H5T_C_S1																		
Dim0	Line grids	H5T_C_S1																		
Dim1	Pixel grids	H5T_C_S1																		
Minimum valid DN	-32767	H5T_STD_I16LE																		
Maximum valid DN	32767	H5T_STD_I16LE																		
Error DN	-32768	H5T_STD_I16LE																		

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考								
46		Sensor_azimuth_VN09	格子点センサ方位角(VN09)	H5T_STD_I16LE	743	501		Data description	Sensor azimuth angle of VN09	H5T_C_S1										
								Unit	degree	H5T_C_S1										
								Slope	0.01	H5T_IEEE_F32LE										
								Offset	0	H5T_IEEE_F32LE										
								Resampling interval	10	H5T_STD_I32LE										
								Resampling interval unit	pixel	H5T_C_S1										
								Dim0	Line grids	H5T_C_S1										
								Dim1	Pixel grids	H5T_C_S1										
								Minimum valid DN	-32767	H5T_STD_I16LE										
								Maximum valid DN	32767	H5T_STD_I16LE										
								Error DN	-32768	H5T_STD_I16LE										
								47		Sensor_azimuth_VN10		格子点センサ方位角(VN10)	H5T_STD_I16LE	743	501		Data description	Sensor azimuth angle of VN10	H5T_C_S1	B
																	Unit	degree	H5T_C_S1	
																	Slope	0.01	H5T_IEEE_F32LE	
Offset	0	H5T_IEEE_F32LE																		
Resampling interval	10	H5T_STD_I32LE																		
Resampling interval unit	pixel	H5T_C_S1																		
Dim0	Line grids	H5T_C_S1																		
Dim1	Pixel grids	H5T_C_S1																		
Minimum valid DN	-32767	H5T_STD_I16LE																		
Maximum valid DN	32767	H5T_STD_I16LE																		
Error DN	-32768	H5T_STD_I16LE																		
48		Sensor_azimuth_VN11	格子点センサ方位角(VN11)	H5T_STD_I16LE	743	501					Data description						Sensor azimuth angle of VN11	H5T_C_S1	B	
											Unit						degree	H5T_C_S1		
											Slope						0.01	H5T_IEEE_F32LE		
								Offset	0	H5T_IEEE_F32LE										
								Resampling interval	10	H5T_STD_I32LE										
								Resampling interval unit	pixel	H5T_C_S1										
								Dim0	Line grids	H5T_C_S1										
								Dim1	Pixel grids	H5T_C_S1										
								Minimum valid DN	-32767	H5T_STD_I16LE										
								Maximum valid DN	32767	H5T_STD_I16LE										
								Error DN	-32768	H5T_STD_I16LE										
								49		Sensor_zenith	格子点センサ天頂角	H5T_STD_I16LE	743	501		Data description	Sensor zenith angle (from the local zenith)	H5T_C_S1		B
																Unit	degree	H5T_C_S1		
																Slope	0.01	H5T_IEEE_F32LE		
Offset	0	H5T_IEEE_F32LE																		
Resampling interval	10	H5T_STD_I32LE																		
Resampling interval unit	pixel	H5T_C_S1																		
Dim0	Line grids	H5T_C_S1																		
Dim1	Pixel grids	H5T_C_S1																		
Minimum valid DN	-32767	H5T_STD_I16LE																		
Maximum valid DN	32767	H5T_STD_I16LE																		
Error DN	-32768	H5T_STD_I16LE																		
50		Sensor_zenith_VN01	格子点センサ天頂角(VN01)	H5T_STD_I16LE	743	501										Data description	Sensor zenith angle of VN01	H5T_C_S1	B	
																Unit	degree	H5T_C_S1		
																Slope	0.01	H5T_IEEE_F32LE		
								Offset	0	H5T_IEEE_F32LE										
								Resampling interval	10	H5T_STD_I32LE										
								Resampling interval unit	pixel	H5T_C_S1										
								Dim0	Line grids	H5T_C_S1										
								Dim1	Pixel grids	H5T_C_S1										
								Minimum valid DN	-32767	H5T_STD_I16LE										
								Maximum valid DN	32767	H5T_STD_I16LE										
								Error DN	-32768	H5T_STD_I16LE										
								51		Sensor_zenith_VN02	格子点センサ天頂角(VN02)	H5T_STD_I16LE	743	501		Data description	Sensor zenith angle of VN02	H5T_C_S1		B
																Unit	degree	H5T_C_S1		
																Slope	0.01	H5T_IEEE_F32LE		
Offset	0	H5T_IEEE_F32LE																		
Resampling interval	10	H5T_STD_I32LE																		
Resampling interval unit	pixel	H5T_C_S1																		
Dim0	Line grids	H5T_C_S1																		
Dim1	Pixel grids	H5T_C_S1																		
Minimum valid DN	-32767	H5T_STD_I16LE																		
Maximum valid DN	32767	H5T_STD_I16LE																		
Error DN	-32768	H5T_STD_I16LE																		
52		Sensor_zenith_VN03	格子点センサ天頂角(VN03)	H5T_STD_I16LE	743	501										Data description	Sensor zenith angle of VN03	H5T_C_S1	B	
																Unit	degree	H5T_C_S1		
																Slope	0.01	H5T_IEEE_F32LE		
								Offset	0	H5T_IEEE_F32LE										
								Resampling interval	10	H5T_STD_I32LE										
								Resampling interval unit	pixel	H5T_C_S1										
								Dim0	Line grids	H5T_C_S1										
								Dim1	Pixel grids	H5T_C_S1										
								Minimum valid DN	-32767	H5T_STD_I16LE										
								Maximum valid DN	32767	H5T_STD_I16LE										
								Error DN	-32768	H5T_STD_I16LE										
								53		Sensor_zenith_VN04	格子点センサ天頂角(VN04)	H5T_STD_I16LE	743	501		Data description	Sensor zenith angle of VN04	H5T_C_S1		B
																Unit	degree	H5T_C_S1		
																Slope	0.01	H5T_IEEE_F32LE		
Offset	0	H5T_IEEE_F32LE																		
Resampling interval	10	H5T_STD_I32LE																		
Resampling interval unit	pixel	H5T_C_S1																		
Dim0	Line grids	H5T_C_S1																		
Dim1	Pixel grids	H5T_C_S1																		
Minimum valid DN	-32767	H5T_STD_I16LE																		
Maximum valid DN	32767	H5T_STD_I16LE																		
Error DN	-32768	H5T_STD_I16LE																		

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考								
54		Sensor_zenith_VN05	格子点センサ天頂角(VN05)	H5T_STD_I16LE	743	501		Data description	Sensor zenith angle of VN05	H5T_C_S1										
								Unit	degree	H5T_C_S1										
								Slope	0.01	H5T_IEEE_F32LE										
								Offset	0	H5T_IEEE_F32LE										
								Resampling interval	10	H5T_STD_I32LE										
								Resampling interval unit	pixel	H5T_C_S1										
								Dim0	Line grids	H5T_C_S1										
								Dim1	Pixel grids	H5T_C_S1										
								Minimum valid DN	-32767	H5T_STD_I16LE										
								Maximum valid DN	32767	H5T_STD_I16LE										
								Error DN	-32768	H5T_STD_I16LE										
								55		Sensor_zenith_VN06		格子点センサ天頂角(VN06)	H5T_STD_I16LE	743	501		Data description	Sensor zenith angle of VN06	H5T_C_S1	B
																	Unit	degree	H5T_C_S1	
																	Slope	0.01	H5T_IEEE_F32LE	
Offset	0	H5T_IEEE_F32LE																		
Resampling interval	10	H5T_STD_I32LE																		
Resampling interval unit	pixel	H5T_C_S1																		
Dim0	Line grids	H5T_C_S1																		
Dim1	Pixel grids	H5T_C_S1																		
Minimum valid DN	-32767	H5T_STD_I16LE																		
Maximum valid DN	32767	H5T_STD_I16LE																		
Error DN	-32768	H5T_STD_I16LE																		
56		Sensor_zenith_VN07	格子点センサ天頂角(VN07)	H5T_STD_I16LE	743	501					Data description						Sensor zenith angle of VN07	H5T_C_S1	B	
											Unit						degree	H5T_C_S1		
											Slope						0.01	H5T_IEEE_F32LE		
								Offset	0	H5T_IEEE_F32LE										
								Resampling interval	10	H5T_STD_I32LE										
								Resampling interval unit	pixel	H5T_C_S1										
								Dim0	Line grids	H5T_C_S1										
								Dim1	Pixel grids	H5T_C_S1										
								Minimum valid DN	-32767	H5T_STD_I16LE										
								Maximum valid DN	32767	H5T_STD_I16LE										
								Error DN	-32768	H5T_STD_I16LE										
								57		Sensor_zenith_VN08	格子点センサ天頂角(VN08)	H5T_STD_I16LE	743	501		Data description	Sensor zenith angle of VN08	H5T_C_S1		B
																Unit	degree	H5T_C_S1		
																Slope	0.01	H5T_IEEE_F32LE		
Offset	0	H5T_IEEE_F32LE																		
Resampling interval	10	H5T_STD_I32LE																		
Resampling interval unit	pixel	H5T_C_S1																		
Dim0	Line grids	H5T_C_S1																		
Dim1	Pixel grids	H5T_C_S1																		
Minimum valid DN	-32767	H5T_STD_I16LE																		
Maximum valid DN	32767	H5T_STD_I16LE																		
Error DN	-32768	H5T_STD_I16LE																		
58		Sensor_zenith_VN09	格子点センサ天頂角(VN09)	H5T_STD_I16LE	743	501										Data description	Sensor zenith angle of VN09	H5T_C_S1	B	
																Unit	degree	H5T_C_S1		
																Slope	0.01	H5T_IEEE_F32LE		
								Offset	0	H5T_IEEE_F32LE										
								Resampling interval	10	H5T_STD_I32LE										
								Resampling interval unit	pixel	H5T_C_S1										
								Dim0	Line grids	H5T_C_S1										
								Dim1	Pixel grids	H5T_C_S1										
								Minimum valid DN	-32767	H5T_STD_I16LE										
								Maximum valid DN	32767	H5T_STD_I16LE										
								Error DN	-32768	H5T_STD_I16LE										
								59		Sensor_zenith_VN10	格子点センサ天頂角(VN10)	H5T_STD_I16LE	743	501		Data description	Sensor zenith angle of VN10	H5T_C_S1		B
																Unit	degree	H5T_C_S1		
																Slope	0.01	H5T_IEEE_F32LE		
Offset	0	H5T_IEEE_F32LE																		
Resampling interval	10	H5T_STD_I32LE																		
Resampling interval unit	pixel	H5T_C_S1																		
Dim0	Line grids	H5T_C_S1																		
Dim1	Pixel grids	H5T_C_S1																		
Minimum valid DN	-32767	H5T_STD_I16LE																		
Maximum valid DN	32767	H5T_STD_I16LE																		
Error DN	-32768	H5T_STD_I16LE																		
60		Sensor_zenith_VN11	格子点センサ天頂角(VN11)	H5T_STD_I16LE	743	501										Data description	Sensor zenith angle of VN11	H5T_C_S1	B	
																Unit	degree	H5T_C_S1		
																Slope	0.01	H5T_IEEE_F32LE		
								Offset	0	H5T_IEEE_F32LE										
								Resampling interval	10	H5T_STD_I32LE										
								Resampling interval unit	pixel	H5T_C_S1										
								Dim0	Line grids	H5T_C_S1										
								Dim1	Pixel grids	H5T_C_S1										
								Minimum valid DN	-32767	H5T_STD_I16LE										
								Maximum valid DN	32767	H5T_STD_I16LE										
								Error DN	-32768	H5T_STD_I16LE										
								61		Solar_azimuth	太陽方位角	H5T_STD_I16LE	743	501		Data description	Solar azimuth angle (Clockwise from the North)	H5T_C_S1		B
																Unit	degree	H5T_C_S1		
																Slope	0.01	H5T_IEEE_F32LE		
Offset	0	H5T_IEEE_F32LE																		
Resampling interval	10	H5T_STD_I32LE																		
Resampling interval unit	pixel	H5T_C_S1																		
Dim0	Line grids	H5T_C_S1																		
Dim1	Pixel grids	H5T_C_S1																		
Minimum valid DN	-32767	H5T_STD_I16LE																		
Maximum valid DN	32767	H5T_STD_I16LE																		
Error DN	-32768	H5T_STD_I16LE																		

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考	
62		Solar_zenith	太陽天頂角	H5T_STD_I16LE	743	501			Data description	Solar zenith angle (from the local zenith)	H5T_C_S1		
									Unit	degree	H5T_C_S1		
									Slope	0.01	H5T_IEEE_F32LE		
									Offset	0	H5T_IEEE_F32LE		
									Resampling interval	10	H5T_STD_I32LE		
									Resampling interval unit	pixel	H5T_C_S1		
									Dim0	Line grids	H5T_C_S1		
									Dim1	Pixel grids	H5T_C_S1		
									Minimum valid DN	-32767	H5T_STD_I16LE		
									Maximum valid DN	32767	H5T_STD_I16LE		
									Error DN	-32768	H5T_STD_I16LE		
									Number of lines	7416	H5T_STD_I32LE		
									Number of pixels	5000	H5T_STD_I32LE		
Image projection	L1B reference grid	H5T_C_S1											
Grid interval	250	H5T_IEEE_F32LE											
Grid interval unit	meter	H5T_C_S1											
63		Line_msec	観測時刻(日の通算ミリ秒)	H5T_STD_I32LE	7416				Data description	Day millisecond at each line (UTC)	H5T_C_S1	UTC時系でその日の始まり(グレゴリウスIDの観測開始年月日00時00分00秒)からの経過時間。	
									Unit	millisecond	H5T_C_S1		
									Slope	1	H5T_IEEE_F32LE		
									Offset	0	H5T_IEEE_F32LE		
									Dim0	L1B-lines	H5T_C_S1		
									Minimum valid DN	-2147483647	H5T_STD_I32LE		
									Maximum valid DN	2147483647	H5T_STD_I32LE		
									Error DN	-2147483648	H5T_STD_I32LE		
									TAI93 at each line	TAI93 at each line	H5T_C_S1		
									L1B-lines	L1B-lines	H5T_C_S1		
Error value	-1.0	H5T_IEEE_F64LE											
Maximum valid value	9.99999999E8	H5T_IEEE_F64LE											
Minimum valid value	0.0	H5T_IEEE_F64LE											
Unit	second	H5T_C_S1											
64		Line_tai93	観測時刻 (TAI93)	H5T_IEEE_F64LE	7416				Data description	TAI93 at each line	H5T_C_S1		
									Dim0	L1B-lines	H5T_C_S1		
									Error value	-1.0	H5T_IEEE_F64LE		
									Maximum valid value	9.99999999E8	H5T_IEEE_F64LE		
									Minimum valid value	0.0	H5T_IEEE_F64LE		
									Unit	second	H5T_C_S1		
									Data description	TOA radiance of VN01: Lt[W/m ² /sr/um]=(DN&Mask)*Slope+Offset; TOA reflectance of VN01: rt[Lt*pi/(F0/d ²)]=(DN&Mask)*Slope_reflectance+Offset_reflectance Band_weighted_TOA_solar_irradiance, F0/D ² ; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1		
									Mask	16383	H5T_STD_U16LE		
									Bit00(LSB)-13	Digital Number 16383 : Missing value 16382 : Saturation value	H5T_C_S1		
									Bit14	Stray light correction sign flag (delta_L = Ltrue - Lobs) 0:Sign of the amount of stray light correction is positive (or zero) 1:Sign of the amount of stray light correction is negative	H5T_C_S1		
									Bit15(MSB)	Stray light correction flag 0 : Stray light is uncorrected 1 : Stray light is corrected	H5T_C_S1		
									Unit	W/m ² /um/sr	H5T_C_S1		
									Slope	0.01758027	H5T_IEEE_F32LE		
Offset	-24	H5T_IEEE_F32LE											
Spatial resolution	250	H5T_IEEE_F32LE											
Spatial resolution unit	meter	H5T_C_S1											
Dim0	L1B-lines	H5T_C_S1											
Dim1	L1B-pixels	H5T_C_S1											
Minimum valid DN	0	H5T_STD_U16LE											
Maximum valid DN	65533	H5T_STD_U16LE											
Error DN	65535	H5T_STD_U16LE											
Center wavelength	380	H5T_IEEE_F32LE											
Center wavelength unit	nm	H5T_C_S1											
Band width	10	H5T_IEEE_F32LE											
Band width unit	nm	H5T_C_S1											
Saturation radiance	264	H5T_IEEE_F32LE											
Saturation radiance unit	W/m ² /um/sr	H5T_C_S1											
Band weighted TOA solar irradiance	1092.1436	H5T_IEEE_F32LE											
Band weighted TOA solar irradiance unit	W/m ² /um	H5T_C_S1											
Slope reflectance	2.06197E-05	H5T_IEEE_F32LE											
Offset reflectance	0	H5T_IEEE_F32LE											

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No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考										
66		Lt_VN02	分光放射輝度値(VN02)	H5T_STD_U16LE	7416	5000			Data_description	TOA radiance of VN02: Lt[W/m ² /sr/um]=(DN&Mask)*Slope+Offset; TOA reflectance of VN02: rt[Lt*pi/(F0/d ²)]=(DN&Mask)*Slope_reflectance+Offse t_reflectance Band_weighted_TOA_solar_irradiance, F0/D ² : F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1											
									Mask	16383	H5T_STD_U16LE											
									Bit00(LSB)-13	Digital Number 16383 : Missing value 16382 : Saturation value	H5T_C_S1											
									Bit14	Stray light correction sign flag (delta_L = Ltrue - Lobs) 0:Sign of the amount of stray light correction is positive (or zero) 1:Sign of the amount of stray light correction is negative	H5T_C_S1											
									Bit15(MSB)	Stray light correction flag 0 : Stray light is uncorrected 1 : Stray light is corrected	H5T_C_S1											
									Unit	W/m ² /um/sr	H5T_C_S1											
									Slope	0.02234159	H5T_IEEE_F32LE											
									Offset	-30.5	H5T_IEEE_F32LE											
									Spatial_resolution	250	H5T_IEEE_F32LE											
									Spatial_resolution_unit	meter	H5T_C_S1											
									Dim0	LIB-lines	H5T_C_S1											
									Dim1	LIB-pixels	H5T_C_S1											
									Minimum_valid_DN	0	H5T_STD_U16LE											
									Maximum_valid_DN	65533	H5T_STD_U16LE											
									Error_DN	65535	H5T_STD_U16LE											
									Center_wavelength	412	H5T_IEEE_F32LE											
									Center_wavelength_unit	nm	H5T_C_S1											
									Band_width	10	H5T_IEEE_F32LE											
									Band_width_unit	nm	H5T_C_S1											
									Saturation_radiance	335.5	H5T_IEEE_F32LE											
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1											
									Band_weighted_TOA_solar_irradiance	1712.1531	H5T_IEEE_F32LE											
									Band_weighted_TOA_solar_irradiance_uni	W/m ² /um	H5T_C_S1											
									Slope_reflectance	1.58813E-05	H5T_IEEE_F32LE											
									Offset_reflectance	0	H5T_IEEE_F32LE											
									67		Lt_VN03		分光放射輝度値(VN03)	H5T_STD_U16LE	7416	5000			Data_description	TOA radiance of VN03: Lt[W/m ² /sr/um]=(DN&Mask)*Slope+Offset; TOA reflectance of VN03: rt[Lt*pi/(F0/d ²)]=(DN&Mask)*Slope_reflectance+Offse t_reflectance Band_weighted_TOA_solar_irradiance, F0/D ² : F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
																			Mask	16383	H5T_STD_U16LE	
Bit00(LSB)-13	Digital Number 16383 : Missing value 16382 : Saturation value	H5T_C_S1																				
Bit14	Stray light correction sign flag (delta_L = Ltrue - Lobs) 0:Sign of the amount of stray light correction is positive (or zero) 1:Sign of the amount of stray light correction is negative	H5T_C_S1																				
Bit15(MSB)	Stray light correction flag 0 : Stray light is uncorrected 1 : Stray light is corrected	H5T_C_S1																				
Unit	W/m ² /um/sr	H5T_C_S1																				
Slope	0.03347577	H5T_IEEE_F32LE																				
Offset	-45.7	H5T_IEEE_F32LE																				
Spatial_resolution	250	H5T_IEEE_F32LE																				
Spatial_resolution_unit	meter	H5T_C_S1																				
Dim0	LIB-lines	H5T_C_S1																				
Dim1	LIB-pixels	H5T_C_S1																				
Minimum_valid_DN	0	H5T_STD_U16LE																				
Maximum_valid_DN	65533	H5T_STD_U16LE																				
Error_DN	65535	H5T_STD_U16LE																				
Center_wavelength	443	H5T_IEEE_F32LE																				
Center_wavelength_unit	nm	H5T_C_S1																				
Band_width	10	H5T_IEEE_F32LE																				
Band_width_unit	nm	H5T_C_S1																				
Saturation_radiance	502.7	H5T_IEEE_F32LE																				
Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1																				
Band_weighted_TOA_solar_irradiance	1898.3185	H5T_IEEE_F32LE																				
Band_weighted_TOA_solar_irradiance_uni	W/m ² /um	H5T_C_S1																				
Slope_reflectance	2.28372E-05	H5T_IEEE_F32LE																				
Offset_reflectance	0	H5T_IEEE_F32LE																				

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考										
68		Lt_VN04	分光放射輝度値(VN04)	H5T_STD_U16LE	7416	5000			Data_description	TOA radiance of VN04: Lt[W/m ² /sr/um]=(DN&Mask)*Slope+Offset; TOA reflectance of VN04: rt[Lt*pi/(F0/d ²)]=(DN&Mask)*Slope_reflectance+Offse t_reflectance Band_weighted_TOA_solar_irradiance, F0/D ² : F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1											
									Mask	16383	H5T_STD_U16LE											
									Bit00(LSB)-13	Digital Number 16383 : Missing value 16382 : Saturation value	H5T_C_S1											
									Bit14	Stray light correction sign flag (delta_L = Ltrue - Lobs) 0:Sign of the amount of stray light correction is positive (or zero) 1:Sign of the amount of stray light correction is negative	H5T_C_S1											
									Bit15(MSB)	Stray light correction flag 0 : Stray light is uncorrected 1 : Stray light is corrected	H5T_C_S1											
									Unit	W/m ² /um/sr	H5T_C_S1											
									Slope	0.01076792	H5T_IEEE_F32LE											
									Offset	-14.7	H5T_IEEE_F32LE											
									Spatial_resolution	250	H5T_IEEE_F32LE											
									Spatial_resolution_unit	meter	H5T_C_S1											
									Dim0	L1B-lines	H5T_C_S1											
									Dim1	L1B-pixels	H5T_C_S1											
									Minimum_valid_DN	0	H5T_STD_U16LE											
									Maximum_valid_DN	65533	H5T_STD_U16LE											
									Error_DN	65535	H5T_STD_U16LE											
									Center_wavelength	490	H5T_IEEE_F32LE											
									Center_wavelength_unit	nm	H5T_C_S1											
									Band_width	10	H5T_IEEE_F32LE											
									Band_width_unit	nm	H5T_C_S1											
									Saturation_radiance	161.7	H5T_IEEE_F32LE											
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1											
									Band_weighted_TOA_solar_irradiance	1938.4602	H5T_IEEE_F32LE											
									Band_weighted_TOA_solar_irradiance_uni	W/m ² /um	H5T_C_S1											
									Slope_reflectance	6.66439E-06	H5T_IEEE_F32LE											
									Offset_reflectance	0	H5T_IEEE_F32LE											
									69		Lt_VN05		分光放射輝度値(VN05)	H5T_STD_U16LE	7416	5000			Data_description	TOA radiance of VN05: Lt[W/m ² /sr/um]=(DN&Mask)*Slope+Offset; TOA reflectance of VN05: rt[Lt*pi/(F0/d ²)]=(DN&Mask)*Slope_reflectance+Offse t_reflectance Band_weighted_TOA_solar_irradiance, F0/D ² : F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
																			Mask	16383	H5T_STD_U16LE	
Bit00(LSB)-13	Digital Number 16383 : Missing value 16382 : Saturation value	H5T_C_S1																				
Bit14	Stray light correction sign flag (delta_L = Ltrue - Lobs) 0:Sign of the amount of stray light correction is positive (or zero) 1:Sign of the amount of stray light correction is negative	H5T_C_S1																				
Bit15(MSB)	Stray light correction flag 0 : Stray light is uncorrected 1 : Stray light is corrected	H5T_C_S1																				
Unit	W/m ² /um/sr	H5T_C_S1																				
Slope	0.02629716	H5T_IEEE_F32LE																				
Offset	-35.9	H5T_IEEE_F32LE																				
Spatial_resolution	250	H5T_IEEE_F32LE																				
Spatial_resolution_unit	meter	H5T_C_S1																				
Dim0	L1B-lines	H5T_C_S1																				
Dim1	L1B-pixels	H5T_C_S1																				
Minimum_valid_DN	0	H5T_STD_U16LE																				
Maximum_valid_DN	65533	H5T_STD_U16LE																				
Error_DN	65535	H5T_STD_U16LE																				
Center_wavelength	530	H5T_IEEE_F32LE																				
Center_wavelength_unit	nm	H5T_C_S1																				
Band_width	20	H5T_IEEE_F32LE																				
Band_width_unit	nm	H5T_C_S1																				
Saturation_radiance	394.9	H5T_IEEE_F32LE																				
Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1																				
Band_weighted_TOA_solar_irradiance	1850.9604	H5T_IEEE_F32LE																				
Band_weighted_TOA_solar_irradiance_uni	W/m ² /um	H5T_C_S1																				
Slope_reflectance	2.04362E-05	H5T_IEEE_F32LE																				
Offset_reflectance	0	H5T_IEEE_F32LE																				

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
70		Lt_VN06	分光放射輝度値(VN06)	H5T_STD_U16LE	7416	5000			Data_description	TOA radiance of VN06: Lt[W/m ² /sr/um]=(DN&Mask)*Slope+Offset; TOA reflectance of VN06: rt[Lt*pi/(F0/d ²)]=(DN&Mask)*Slope_reflectance+Offse t_reflectance Band_weighted_TOA_solar_irradiance, F0/D ² : F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Mask	16383	H5T_STD_U16LE	
									Bit00(LSB)-13	Digital Number 16383 : Missing value 16382 : Saturation value	H5T_C_S1	
									Bit14	Stray light correction sign flag (delta_L = Ltrue - Lobs) 0:Sign of the amount of stray light correction is positive (or zero) 1:Sign of the amount of stray light correction is negative	H5T_C_S1	
									Bit15(MSB)	Stray light correction flag 0 : Stray light is uncorrected 1 : Stray light is corrected	H5T_C_S1	
									Unit	W/m ² /um/sr	H5T_C_S1	
									Slope	0.00695886	H5T_IEEE_F32LE	
									Offset	-9.5	H5T_IEEE_F32LE	
									Spatial_resolution	250	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	LIB-lines	H5T_C_S1	
									Dim1	LIB-pixels	H5T_C_S1	
									Minimum_valid_DN	0	H5T_STD_U16LE	
									Maximum_valid_DN	65533	H5T_STD_U16LE	
									Error_DN	65535	H5T_STD_U16LE	
									Center_wavelength	565	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_width	20	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Saturation_radiance	104.5	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	1797.1344	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_uni	W/m ² /um	H5T_C_S1	
									Slope_reflectance	5.38764E-06	H5T_IEEE_F32LE	
									Offset_reflectance	0	H5T_IEEE_F32LE	
									71		Lt_VN07	
Mask	16383	H5T_STD_U16LE										
Bit00(LSB)-13	Digital Number 16383 : Missing value 16382 : Saturation value	H5T_C_S1										
Bit14	Stray light correction sign flag (delta_L = Ltrue - Lobs) 0:Sign of the amount of stray light correction is positive (or zero) 1:Sign of the amount of stray light correction is negative	H5T_C_S1										
Bit15(MSB)	Stray light correction flag 0 : Stray light is uncorrected 1 : Stray light is corrected	H5T_C_S1										
Unit	W/m ² /um/sr	H5T_C_S1										
Slope	0.00505433	H5T_IEEE_F32LE										
Offset	-6.9	H5T_IEEE_F32LE										
Spatial_resolution	250	H5T_IEEE_F32LE										
Spatial_resolution_unit	meter	H5T_C_S1										
Dim0	LIB-lines	H5T_C_S1										
Dim1	LIB-pixels	H5T_C_S1										
Minimum_valid_DN	0	H5T_STD_U16LE										
Maximum_valid_DN	65533	H5T_STD_U16LE										
Error_DN	65535	H5T_STD_U16LE										
Center_wavelength	673.5	H5T_IEEE_F32LE										
Center_wavelength_unit	nm	H5T_C_S1										
Band_width	20	H5T_IEEE_F32LE										
Band_width_unit	nm	H5T_C_S1										
Saturation_radiance	75.9	H5T_IEEE_F32LE										
Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1										
Band_weighted_TOA_solar_irradiance	1502.5667	H5T_IEEE_F32LE										
Band_weighted_TOA_solar_irradiance_uni	W/m ² /um	H5T_C_S1										
Slope_reflectance	4.52803E-06	H5T_IEEE_F32LE										
Offset_reflectance	0	H5T_IEEE_F32LE										

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
72		Lt_VN08	分光放射輝度値(VN08)	H5T_STD_U16LE	7416	5000			Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1	
									Data_description	TOA radiance of VN08: Lt[W/m ² /sr/um]=(DN&Mask)*Slope+Offset; TOA reflectance of VN08: rt[Lt*pi/(F0/d ²)]=(DN&Mask)*Slope_reflectance+Offset_reflectance Band_weighted_TOA_solar_irradiance, F0/D ² ; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Mask	16383	H5T_STD_U16LE	
									Bit00(LSB)-13	Digital Number 16383 : Missing value 16382 : Saturation value	H5T_C_S1	
									Bit14	Stray light correction sign flag (delta_L = Ltrue - Lobs) 0:Sign of the amount of stray light correction is positive (or zero) 1:Sign of the amount of stray light correction is negative	H5T_C_S1	
									Bit15(MSB)	Stray light correction flag 0 : Stray light is uncorrected 1 : Stray light is corrected	H5T_C_S1	
									Unit	W/m ² /um/sr	H5T_C_S1	
									Slope	0.01560249	H5T_IEEE_F32LE	
									Offset	-21.3	H5T_IEEE_F32LE	
									Spatial_resolution	250	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	LiB-lines	H5T_C_S1	
									Dim1	LiB-pixels	H5T_C_S1	
									Minimum_valid_DN	0	H5T_STD_U16LE	
									Maximum_valid_DN	65533	H5T_STD_U16LE	
									Error_DN	65535	H5T_STD_U16LE	
									Center_wavelength	673.5	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_width	20	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Saturation_radiance	234.3	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance	1502.3177	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m ² /um	H5T_C_S1	
									Slope_reflectance	1.50934E-05	H5T_IEEE_F32LE	
									Offset_reflectance	0	H5T_IEEE_F32LE	
									Data_description	TOA radiance of VN09: Lt[W/m ² /sr/um]=(DN&Mask)*Slope+Offset; TOA reflectance of VN09: rt[Lt*pi/(F0/d ²)]=(DN&Mask)*Slope_reflectance+Offset_reflectance Band_weighted_TOA_solar_irradiance, F0/D ² ; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Mask	16383	H5T_STD_U16LE	
Bit00(LSB)-13	Digital Number 16383 : Missing value 16382 : Saturation value	H5T_C_S1										
Bit14	Stray light correction sign flag (delta_L = Ltrue - Lobs) 0:Sign of the amount of stray light correction is positive (or zero) 1:Sign of the amount of stray light correction is negative	H5T_C_S1										
Bit15(MSB)	Stray light correction flag 0 : Stray light is uncorrected 1 : Stray light is corrected	H5T_C_S1										
Unit	W/m ² /um/sr	H5T_C_S1										
Slope	0.02571115	H5T_IEEE_F32LE										
Offset	-35.1	H5T_IEEE_F32LE										
Spatial_resolution	250	H5T_IEEE_F32LE										
Spatial_resolution_unit	meter	H5T_C_S1										
Dim0	LiB-lines	H5T_C_S1										
Dim1	LiB-pixels	H5T_C_S1										
Minimum_valid_DN	0	H5T_STD_U16LE										
Maximum_valid_DN	65533	H5T_STD_U16LE										
Error_DN	65535	H5T_STD_U16LE										
Center_wavelength	763	H5T_IEEE_F32LE										
Center_wavelength_unit	nm	H5T_C_S1										
Band_width	12	H5T_IEEE_F32LE										
Band_width_unit	nm	H5T_C_S1										
Saturation_radiance	386.1	H5T_IEEE_F32LE										
Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1										
Band_weighted_TOA_solar_irradiance	1245.3663	H5T_IEEE_F32LE										
Band_weighted_TOA_solar_irradiance_unit	W/m ² /um	H5T_C_S1										
Slope_reflectance	3.03445E-05	H5T_IEEE_F32LE										
Offset_reflectance	0	H5T_IEEE_F32LE										

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考										
74		Lt_VN10	分光放射輝度値(VN10)	H5T_STD_U16LE	7416	5000			Data_description	TOA radiance of VN10: Lt[W/m ² /sr/um]=(DN&Mask)*Slope+Offset; TOA reflectance of VN10: rt[Lt*pi/(F0/d ²)]=(DN&Mask)*Slope_reflectance+Offse t_reflectance Band_weighted_TOA_solar_irradiance, F0/D ² : F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1											
									Mask	16383	H5T_STD_U16LE											
									Bit00(LSB)-13	Digital Number 16383 : Missing value 16382 : Saturation value	H5T_C_S1											
									Bit14	Stray light correction sign flag (delta_L = Ltrue - Lobs) 0:Sign of the amount of stray light correction is positive (or zero) 1:Sign of the amount of stray light correction is negative	H5T_C_S1											
									Bit15(MSB)	Stray light correction flag 0 : Stray light is uncorrected 1 : Stray light is corrected	H5T_C_S1											
									Unit	W/m ² /um/sr	H5T_C_S1											
									Slope	0.00271029	H5T_IEEE_F32LE											
									Offset	-3.7	H5T_IEEE_F32LE											
									Spatial_resolution	250	H5T_IEEE_F32LE											
									Spatial_resolution_unit	meter	H5T_C_S1											
									Dim0	L1B-lines	H5T_C_S1											
									Dim1	L1B-pixels	H5T_C_S1											
									Minimum_valid_DN	0	H5T_STD_U16LE											
									Maximum_valid_DN	65533	H5T_STD_U16LE											
									Error_DN	65535	H5T_STD_U16LE											
									Center_wavelength	868.5	H5T_IEEE_F32LE											
									Center_wavelength_unit	nm	H5T_C_S1											
									Band_width	20	H5T_IEEE_F32LE											
									Band_width_unit	nm	H5T_C_S1											
									Saturation_radiance	40.7	H5T_IEEE_F32LE											
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1											
									Band_weighted_TOA_solar_irradiance	956.2323	H5T_IEEE_F32LE											
									Band_weighted_TOA_solar_irradiance_uni	W/m ² /um	H5T_C_S1											
									Slope_reflectance	3.37901E-06	H5T_IEEE_F32LE											
									Offset_reflectance	0	H5T_IEEE_F32LE											
									75		Lt_VN11		分光放射輝度値(VN11)	H5T_STD_U16LE	7416	5000			Data_description	TOA radiance of VN11: Lt[W/m ² /sr/um]=(DN&Mask)*Slope+Offset; TOA reflectance of VN11: rt[Lt*pi/(F0/d ²)]=(DN&Mask)*Slope_reflectance+Offse t_reflectance Band_weighted_TOA_solar_irradiance, F0/D ² : F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
																			Mask	16383	H5T_STD_U16LE	
Bit00(LSB)-13	Digital Number 16383 : Missing value 16382 : Saturation value	H5T_C_S1																				
Bit14	Stray light correction sign flag (delta_L = Ltrue - Lobs) 0:Sign of the amount of stray light correction is positive (or zero) 1:Sign of the amount of stray light correction is negative	H5T_C_S1																				
Bit15(MSB)	Stray light correction flag 0 : Stray light is uncorrected 1 : Stray light is corrected	H5T_C_S1																				
Unit	W/m ² /um/sr	H5T_C_S1																				
Slope	0.02234159	H5T_IEEE_F32LE																				
Offset	-30.5	H5T_IEEE_F32LE																				
Spatial_resolution	250	H5T_IEEE_F32LE																				
Spatial_resolution_unit	meter	H5T_C_S1																				
Dim0	L1B-lines	H5T_C_S1																				
Dim1	L1B-pixels	H5T_C_S1																				
Minimum_valid_DN	0	H5T_STD_U16LE																				
Maximum_valid_DN	65533	H5T_STD_U16LE																				
Error_DN	65535	H5T_STD_U16LE																				
Center_wavelength	868.5	H5T_IEEE_F32LE																				
Center_wavelength_unit	nm	H5T_C_S1																				
Band_width	20	H5T_IEEE_F32LE																				
Band_width_unit	nm	H5T_C_S1																				
Saturation_radiance	335.5	H5T_IEEE_F32LE																				
Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1																				
Band_weighted_TOA_solar_irradiance	956.5352	H5T_IEEE_F32LE																				
Band_weighted_TOA_solar_irradiance_uni	W/m ² /um	H5T_C_S1																				
Slope_reflectance	0.000034128	H5T_IEEE_F32LE																				
Offset_reflectance	0	H5T_IEEE_F32LE																				

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考										
76		QA_flag	品質フラグ	H5T_STD_U16LE	7416	5000			Data_description	Quality flag of each pixels	H5T_C_S1											
									Bit00(LSB)	channel integrity 0 : Not integrity 1 : Integrity	H5T_C_S1											
									Bit01	vnr-pol tilt-driving 0 : Not tilt-driving 1 : Tilt-driving	H5T_C_S1											
									Unit	NA	H5T_C_S1											
									Slope	1	H5T_IEEE_F32LE											
									Offset	0	H5T_IEEE_F32LE											
									Spatial_resolution	250	H5T_IEEE_F32LE											
									Spatial_resolution_unit	meter	H5T_C_S1											
									Dim0	LIB-lines	H5T_C_S1											
									Dim1	LIB-pixels	H5T_C_S1											
									Minimum_valid_DN	0	H5T_STD_U16LE											
									Maximum_valid_DN	65534	H5T_STD_U16LE											
									Error_DN	65535	H5T_STD_U16LE											
									77		Land_water_flag		陸海フラグ	H5T_STD_U8LE	7416	5000			Data_description	Rate of land at each pixel (With elevation correction) 0 : water	H5T_C_S1	
Dim0	LIB-lines	H5T_C_S1																				
Dim1	LIB-pixels	H5T_C_S1																				
Minimum_valid_value	0	H5T_STD_U8LE																				
Maximum_valid_value	100	H5T_STD_U8LE																				
Error_value	255	H5T_STD_U8LE																				
Altitude_correction	yes	H5T_C_S1																				
Operation_mode	0BD	H5T_C_S1																				
Level_1_attributes									Radiometric_calibration	Original	H5T_C_S1											
									Geometric_calibration	Original	H5T_C_S1											
									Number_of_pixels_L1A	1500	H5T_STD_I32LE											
									Number_of_lines_L1A	6816	H5T_STD_I32LE											
									78		Lt_overlap_VN01		鏡筒間オーバーラップ(VN01)	H5T_STD_U16LE	2	2	7416	304	Data_description	TOA radiance of VN01: $Lt[W/m^2/sr/um]=DN*Slope+Offset$; TOA reflectance of VN01: $rt[Lt*pi/(F0/d^2)]=DN*Slope_reflectance+Offset_reflectance$	H5T_C_S1	
																			Unit	$W/m^2/um/sr$	H5T_C_S1	
Slope	0.01758027	H5T_IEEE_F32LE																				
Offset	-24	H5T_IEEE_F32LE																				
Spatial_resolution	250	H5T_IEEE_F32LE																				
Spatial_resolution_unit	meter	H5T_C_S1																				
Dim0	left-overlap(VNR-L & VNR-N), right-overlap(VNR-N & VNR-R)	H5T_C_S1																				
Dim1	left-side-image, right-side-image	H5T_C_S1																				
Dim2	LIB-lines	H5T_C_S1																				
Dim3	LIB-pixels	H5T_C_S1																				
Minimum_valid_DN	0	H5T_STD_U16LE																				
Maximum_valid_DN	65534	H5T_STD_U16LE																				
Error_DN	65535	H5T_STD_U16LE																				
Center_wavelength	380	H5T_IEEE_F32LE																				
Center_wavelength_unit	nm	H5T_C_S1																				
Band_width	10	H5T_IEEE_F32LE																				
Band_width_unit	nm	H5T_C_S1																				
Saturation_radiance	264	H5T_IEEE_F32LE																				
Saturation_radiance_unit	$W/m^2/um/sr$	H5T_C_S1																				
79		Lt_overlap_VN02	鏡筒間オーバーラップ(VN02)	H5T_STD_U16LE	2	2	7416	304	Data_description	TOA radiance of VN02: $Lt[W/m^2/sr/um]=DN*Slope+Offset$; TOA reflectance of VN02: $rt[Lt*pi/(F0/d^2)]=DN*Slope_reflectance+Offset_reflectance$	H5T_C_S1											
									Unit	$W/m^2/um/sr$	H5T_C_S1											
									Slope	0.02234159	H5T_IEEE_F32LE											
									Offset	-30.5	H5T_IEEE_F32LE											
									Spatial_resolution	250	H5T_IEEE_F32LE											
									Spatial_resolution_unit	meter	H5T_C_S1											
									Dim0	left-overlap(VNR-L & VNR-N), right-overlap(VNR-N & VNR-R)	H5T_C_S1											
									Dim1	left-side-image, right-side-image	H5T_C_S1											
									Dim2	LIB-lines	H5T_C_S1											
									Dim3	LIB-pixels	H5T_C_S1											
									Minimum_valid_DN	0	H5T_STD_U16LE											
									Maximum_valid_DN	65534	H5T_STD_U16LE											
									Error_DN	65535	H5T_STD_U16LE											
									Center_wavelength	412	H5T_IEEE_F32LE											
Center_wavelength_unit	nm	H5T_C_S1																				
Band_width	10	H5T_IEEE_F32LE																				
Band_width_unit	nm	H5T_C_S1																				
Saturation_radiance	335.5	H5T_IEEE_F32LE																				
Saturation_radiance_unit	$W/m^2/um/sr$	H5T_C_S1																				

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
80		Lt_overlap_VN03	鏡筒間オーバーラップ(VN03)	H5T_STD_U16LE	2	2	7416	304	Data_description	TOA radiance of VN03: Lt[W/m ² /sr/um]=DN*Slope+Offset; TOA reflectance of VN03: rt[Lt*pi/(F0/d ²)] = DN*Slope_reflectance+Offset_refle	H5T_C_S1	
									Unit	W/m ² /um/sr	H5T_C_S1	
									Slope	0.03347577	H5T_IEEE_F32LE	
									Offset	-45.7	H5T_IEEE_F32LE	
									Spatial_resolution	250	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	left-overlap(VNR-L & VNR-N), right-overlap(VNR-N & VNR-R)	H5T_C_S1	
									Dim1	left-side-image, right-side-image	H5T_C_S1	
									Dim2	L1B-lines	H5T_C_S1	
									Dim3	L1B-pixels	H5T_C_S1	
									Minimum_valid_DN	0	H5T_STD_U16LE	
									Maximum_valid_DN	65534	H5T_STD_U16LE	
									Error_DN	65535	H5T_STD_U16LE	
									Center_wavelength	443	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_width	10	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Saturation_radiance	502.7	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1	
									81		Lt_overlap_VN04	
Unit	W/m ² /um/sr	H5T_C_S1										
Slope	0.01076792	H5T_IEEE_F32LE										
Offset	-14.7	H5T_IEEE_F32LE										
Spatial_resolution	250	H5T_IEEE_F32LE										
Spatial_resolution_unit	meter	H5T_C_S1										
Dim0	left-overlap(VNR-L & VNR-N), right-overlap(VNR-N & VNR-R)	H5T_C_S1										
Dim1	left-side-image, right-side-image	H5T_C_S1										
Dim2	L1B-lines	H5T_C_S1										
Dim3	L1B-pixels	H5T_C_S1										
Minimum_valid_DN	0	H5T_STD_U16LE										
Maximum_valid_DN	65534	H5T_STD_U16LE										
Error_DN	65535	H5T_STD_U16LE										
Center_wavelength	490	H5T_IEEE_F32LE										
Center_wavelength_unit	nm	H5T_C_S1										
Band_width	10	H5T_IEEE_F32LE										
Band_width_unit	nm	H5T_C_S1										
Saturation_radiance	161.7	H5T_IEEE_F32LE										
Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1										
82		Lt_overlap_VN05	鏡筒間オーバーラップ(VN05)	H5T_STD_U16LE	2	2	7416	304				Data_description
									Unit	W/m ² /um/sr	H5T_C_S1	
									Slope	0.02629716	H5T_IEEE_F32LE	
									Offset	-35.9	H5T_IEEE_F32LE	
									Spatial_resolution	250	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	left-overlap(VNR-L & VNR-N), right-overlap(VNR-N & VNR-R)	H5T_C_S1	
									Dim1	left-side-image, right-side-image	H5T_C_S1	
									Dim2	L1B-lines	H5T_C_S1	
									Dim3	L1B-pixels	H5T_C_S1	
									Minimum_valid_DN	0	H5T_STD_U16LE	
									Maximum_valid_DN	65534	H5T_STD_U16LE	
									Error_DN	65535	H5T_STD_U16LE	
									Center_wavelength	530	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_width	20	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Saturation_radiance	394.9	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
83		Lt_overlap_VN06	鏡筒間オーバーラップ(VN06)	H5T_STD_U16LE	2	2	7416	304	Data_description	TOA radiance of VN06: Lt[W/m ² /sr/um]=DN*Slope+Offset; TOA reflectance of VN06: rt[Lt*pi/(F0/d ²)] = DN*Slope_reflectance+Offset_refle	H5T_C_S1	
									Unit	W/m ² /um/sr	H5T_C_S1	
									Slope	0.00695886	H5T_IEEE_F32LE	
									Offset	-9.5	H5T_IEEE_F32LE	
									Spatial_resolution	250	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	left-overlap(VNR-L & VNR-N), right-overlap(VNR-N & VNR-R)	H5T_C_S1	
									Dim1	left-side-image, right-side-image	H5T_C_S1	
									Dim2	L1B-lines	H5T_C_S1	
									Dim3	L1B-pixels	H5T_C_S1	
									Minimum_valid_DN	0	H5T_STD_U16LE	
									Maximum_valid_DN	65534	H5T_STD_U16LE	
									Error_DN	65535	H5T_STD_U16LE	
									Center_wavelength	565	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_width	20	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Saturation_radiance	104.5	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1	
									84		Lt_overlap_VN07	
Unit	W/m ² /um/sr	H5T_C_S1										
Slope	0.00505433	H5T_IEEE_F32LE										
Offset	-6.9	H5T_IEEE_F32LE										
Spatial_resolution	250	H5T_IEEE_F32LE										
Spatial_resolution_unit	meter	H5T_C_S1										
Dim0	left-overlap(VNR-L & VNR-N), right-overlap(VNR-N & VNR-R)	H5T_C_S1										
Dim1	left-side-image, right-side-image	H5T_C_S1										
Dim2	L1B-lines	H5T_C_S1										
Dim3	L1B-pixels	H5T_C_S1										
Minimum_valid_DN	0	H5T_STD_U16LE										
Maximum_valid_DN	65534	H5T_STD_U16LE										
Error_DN	65535	H5T_STD_U16LE										
Center_wavelength	673.5	H5T_IEEE_F32LE										
Center_wavelength_unit	nm	H5T_C_S1										
Band_width	20	H5T_IEEE_F32LE										
Band_width_unit	nm	H5T_C_S1										
Saturation_radiance	75.9	H5T_IEEE_F32LE										
Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1										
85		Lt_overlap_VN08	鏡筒間オーバーラップ(VN08)	H5T_STD_U16LE	2	2	7416	304				Saturation_radiance
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1	
									Data_description	TOA radiance of VN08: Lt[W/m ² /sr/um]=DN*Slope+Offset; TOA reflectance of VN08: rt[Lt*pi/(F0/d ²)] = DN*Slope_reflectance+Offset_refle	H5T_C_S1	
									Unit	W/m ² /um/sr	H5T_C_S1	
									Slope	0.01560249	H5T_IEEE_F32LE	
									Offset	-21.3	H5T_IEEE_F32LE	
									Spatial_resolution	250	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	left-overlap(VNR-L & VNR-N), right-overlap(VNR-N & VNR-R)	H5T_C_S1	
									Dim1	left-side-image, right-side-image	H5T_C_S1	
									Dim2	L1B-lines	H5T_C_S1	
									Dim3	L1B-pixels	H5T_C_S1	
									Minimum_valid_DN	0	H5T_STD_U16LE	
									Maximum_valid_DN	65534	H5T_STD_U16LE	
									Error_DN	65535	H5T_STD_U16LE	
									Center_wavelength	673.5	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_width	20	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
86		Lt_overlap_VN09	鏡筒間オーバーラップ(VN09)	H5T_STD_U16LE	2	2	7416	304	Data_description	TOA radiance of VN09: Lt[W/m ² /sr/um]=DN*Slope+Offset; TOA reflectance of VN09: rt[Lt*pi/(F0/d ²)] =DN*Slope_reflectance+Offset_reflectance	H5T_C_S1	
									Unit	W/m ² /um/sr	H5T_C_S1	
									Slope	0.02571115	H5T_IEEE_F32LE	
									Offset	-35.1	H5T_IEEE_F32LE	
									Spatial_resolution	250	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	left-overlap(VNR-L & VNR-N), right-overlap(VNR-N & VNR-R)	H5T_C_S1	
									Dim1	left-side-image, right-side-image	H5T_C_S1	
									Dim2	L1B-lines	H5T_C_S1	
									Dim3	L1B-pixels	H5T_C_S1	
									Minimum_valid_DN	0	H5T_STD_U16LE	
									Maximum_valid_DN	65534	H5T_STD_U16LE	
									Error_DN	65535	H5T_STD_U16LE	
									Center_wavelength	763	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_width	12	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Saturation_radiance	386.1	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1	
									87		Lt_overlap_VN10	
Unit	W/m ² /um/sr	H5T_C_S1										
Slope	0.00271029	H5T_IEEE_F32LE										
Offset	-3.7	H5T_IEEE_F32LE										
Spatial_resolution	250	H5T_IEEE_F32LE										
Spatial_resolution_unit	meter	H5T_C_S1										
Dim0	left-overlap(VNR-L & VNR-N), right-overlap(VNR-N & VNR-R)	H5T_C_S1										
Dim1	left-side-image, right-side-image	H5T_C_S1										
Dim2	L1B-lines	H5T_C_S1										
Dim3	L1B-pixels	H5T_C_S1										
Minimum_valid_DN	0	H5T_STD_U16LE										
Maximum_valid_DN	65534	H5T_STD_U16LE										
Error_DN	65535	H5T_STD_U16LE										
Center_wavelength	868.5	H5T_IEEE_F32LE										
Center_wavelength_unit	nm	H5T_C_S1										
Band_width	20	H5T_IEEE_F32LE										
Band_width_unit	nm	H5T_C_S1										
Saturation_radiance	40.7	H5T_IEEE_F32LE										
Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1										
88		Lt_overlap_VN11	鏡筒間オーバーラップ(VN11)	H5T_STD_U16LE	2	2	7416	304				Slope
									Offset	-30.5	H5T_IEEE_F32LE	
									Spatial_resolution	250	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	left-overlap(VNR-L & VNR-N), right-overlap(VNR-N & VNR-R)	H5T_C_S1	
									Dim1	left-side-image, right-side-image	H5T_C_S1	
									Dim2	L1B-lines	H5T_C_S1	
									Dim3	L1B-pixels	H5T_C_S1	
									Minimum_valid_DN	0	H5T_STD_U16LE	
									Maximum_valid_DN	65534	H5T_STD_U16LE	
									Error_DN	65535	H5T_STD_U16LE	
									Center_wavelength	868.5	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_width	20	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Saturation_radiance	335.5	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1	
									Data_description	TOA radiance of VN11: Lt[W/m ² /sr/um]=DN*Slope+Offset; TOA reflectance of VN11: rt[Lt*pi/(F0/d ²)] =DN*Slope_reflectance+Offset_reflectance	H5T_C_S1	
									Unit	W/m ² /um/sr	H5T_C_S1	
									89	Lt_overlap_range	鏡筒間オーバーラップ範囲	H5T_STD_U16LE
Unit	pixel	H5T_C_S1										
Dim0	left-overlap(VNR-L & VNR-N), right-overlap(VNR-N & VNR-R)	H5T_C_S1										
Dim1	start, end	H5T_C_S1										
90	Polynomial_to_L1A_VN01_coef	L1B→L1A座標変換係数(VN01)	H5T_IEEE_F64LE	3	2	7416	8	Dim0	Left, Nadir, Right	H5T_C_S1		
								Dim1	to-L1A-pixel, to-L1A-line	H5T_C_S1		
								Dim2	L1B-lines	H5T_C_S1		
								Dim3	coefficients	H5T_C_S1		
								Data_description	Polynomial coefficients to transfer each line of L1B image coordinates into L1A image coordinates for VN01. The center of upper-left pixel is defined as [1,1] in the image coordinates	H5T_C_S1		
								Polynomial_degree	7	H5T_STD_I32LE		
Unit	pixel	H5T_C_S1										

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
91		Polynomial_to_L1A_VN01_range	L1B→L1A座標変換係数適用ピクセル範囲(VN01)	H5T STD_U16LE	7416	2			Dim0	L1B-lines	H5T_C_S1	
									Dim1	start, end	H5T_C_S1	
									Data_description	Range of pixel address on L1B image coordinates corresponding to the nadir radiometer for VN01. The pixel address starts from 1.	H5T_C_S1	
									Unit	pixel	H5T_C_S1	
92		Polynomial_to_L1A_VN02_coef	L1B→L1A座標変換係数(VN02)	H5T_IEEE_F64LE	3	2	7416	8	Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	to-L1A-pixel, to-L1A-line	H5T_C_S1	
									Dim2	L1B-lines	H5T_C_S1	
									Dim3	coefficients	H5T_C_S1	
									Data_description	Polynomial coefficients to transfer each line of L1B image coordinates into L1A image coordinates for VN02. The center of upper-left pixel is defined as [1,1] in the image coordinates	H5T_C_S1	
									Polynomial_degree	7	H5T STD_I32LE	
93		Polynomial_to_L1A_VN02_range	L1B→L1A座標変換係数適用ピクセル範囲(VN02)	H5T STD_U16LE	7416	2			Dim0	L1B-lines	H5T_C_S1	
									Dim1	start, end	H5T_C_S1	
									Data_description	Range of pixel address on L1B image coordinates corresponding to the nadir radiometer for VN02. The pixel address starts from 1.	H5T_C_S1	
									Unit	pixel	H5T_C_S1	
94		Polynomial_to_L1A_VN03_coef	L1B→L1A座標変換係数(VN03)	H5T_IEEE_F64LE	3	2	7416	8	Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	to-L1A-pixel, to-L1A-line	H5T_C_S1	
									Dim2	L1B-lines	H5T_C_S1	
									Dim3	coefficients	H5T_C_S1	
									Data_description	Polynomial coefficients to transfer each line of L1B image coordinates into L1A image coordinates for VN03. The center of upper-left pixel is defined as [1,1] in the image coordinates	H5T_C_S1	
									Polynomial_degree	7	H5T STD_I32LE	
95		Polynomial_to_L1A_VN03_range	L1B→L1A座標変換係数適用ピクセル範囲(VN03)	H5T STD_U16LE	7416	2			Dim0	L1B-lines	H5T_C_S1	
									Dim1	start, end	H5T_C_S1	
									Data_description	Range of pixel address on L1B image coordinates corresponding to the nadir radiometer for VN03. The pixel address starts from 1.	H5T_C_S1	
									Unit	pixel	H5T_C_S1	
96		Polynomial_to_L1A_VN04_coef	L1B→L1A座標変換係数(VN04)	H5T_IEEE_F64LE	3	2	7416	8	Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	to-L1A-pixel, to-L1A-line	H5T_C_S1	
									Dim2	L1B-lines	H5T_C_S1	
									Dim3	coefficients	H5T_C_S1	
									Data_description	Polynomial coefficients to transfer each line of L1B image coordinates into L1A image coordinates for VN04. The center of upper-left pixel is defined as [1,1] in the image coordinates	H5T_C_S1	
									Polynomial_degree	7	H5T STD_I32LE	
97		Polynomial_to_L1A_VN04_range	L1B→L1A座標変換係数適用ピクセル範囲(VN04)	H5T STD_U16LE	7416	2			Dim0	L1B-lines	H5T_C_S1	
									Dim1	start, end	H5T_C_S1	
									Data_description	Range of pixel address on L1B image coordinates corresponding to the nadir radiometer for VN04. The pixel address starts from 1.	H5T_C_S1	
									Unit	pixel	H5T_C_S1	
98		Polynomial_to_L1A_VN05_coef	L1B→L1A座標変換係数(VN05)	H5T_IEEE_F64LE	3	2	7416	8	Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	to-L1A-pixel, to-L1A-line	H5T_C_S1	
									Dim2	L1B-lines	H5T_C_S1	
									Dim3	coefficients	H5T_C_S1	
									Data_description	Polynomial coefficients to transfer each line of L1B image coordinates into L1A image coordinates for VN05. The center of upper-left pixel is defined as [1,1] in the image coordinates	H5T_C_S1	
									Polynomial_degree	7	H5T STD_I32LE	
99		Polynomial_to_L1A_VN05_range	L1B→L1A座標変換係数適用ピクセル範囲(VN05)	H5T STD_U16LE	7416	2			Dim0	L1B-lines	H5T_C_S1	
									Dim1	start, end	H5T_C_S1	
									Data_description	Range of pixel address on L1B image coordinates corresponding to the nadir radiometer for VN05. The pixel address starts from 1.	H5T_C_S1	
									Unit	pixel	H5T_C_S1	
100		Polynomial_to_L1A_VN06_coef	L1B→L1A座標変換係数(VN06)	H5T_IEEE_F64LE	3	2	7416	8	Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	to-L1A-pixel, to-L1A-line	H5T_C_S1	
									Dim2	L1B-lines	H5T_C_S1	
									Dim3	coefficients	H5T_C_S1	
									Data_description	Polynomial coefficients to transfer each line of L1B image coordinates into L1A image coordinates for VN06. The center of upper-left pixel is defined as [1,1] in the image coordinates	H5T_C_S1	
									Polynomial_degree	7	H5T STD_I32LE	
101		Polynomial_to_L1A_VN06_range	L1B→L1A座標変換係数適用ピクセル範囲(VN06)	H5T STD_U16LE	7416	2			Dim0	L1B-lines	H5T_C_S1	
									Dim1	start, end	H5T_C_S1	
									Data_description	Range of pixel address on L1B image coordinates corresponding to the nadir radiometer for VN06. The pixel address starts from 1.	H5T_C_S1	
									Unit	pixel	H5T_C_S1	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
102		Polynomial_to_L1A_VN07_coef	L1B→L1A座標変換係数(VN07)	H5T_IEEE_F64LE	3	2	7416	8	Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	to-L1A-pixel, to-L1A-line	H5T_C_S1	
									Dim2	L1B-lines	H5T_C_S1	
									Dim3	coefficients	H5T_C_S1	
									Data_description	Polynomial coefficients to transfer each line of L1B image coordinates into L1A image coordinates for VN07. The center of upper-left pixel is defined as [1,1] in the image coordinates	H5T_C_S1	
									Polynomial_degree	7	H5T_STD_I32LE	
									Unit	pixel	H5T_C_S1	
103		Polynomial_to_L1A_VN07_range	L1B→L1A座標変換係数適用ピクセル範囲(VN07)	H5T_STD_U16LE	7416	2			Dim0	L1B-lines	H5T_C_S1	
									Dim1	start, end	H5T_C_S1	
									Data_description	Range of pixel address on L1B image coordinates corresponding to the nadir radiometer for VN07. The pixel address starts from 1.	H5T_C_S1	
									Unit	pixel	H5T_C_S1	
									Dim0	L1B-lines	H5T_C_S1	
104		Polynomial_to_L1A_VN08_coef	L1B→L1A座標変換係数(VN08)	H5T_IEEE_F64LE	3	2	7416	8	Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	to-L1A-pixel, to-L1A-line	H5T_C_S1	
									Dim2	L1B-lines	H5T_C_S1	
									Dim3	coefficients	H5T_C_S1	
									Data_description	Polynomial coefficients to transfer each line of L1B image coordinates into L1A image coordinates for VN08. The center of upper-left pixel is defined as [1,1] in the image coordinates	H5T_C_S1	
									Polynomial_degree	7	H5T_STD_I32LE	
									Unit	pixel	H5T_C_S1	
105		Polynomial_to_L1A_VN08_range	L1B→L1A座標変換係数適用ピクセル範囲(VN08)	H5T_STD_U16LE	7416	2			Dim0	L1B-lines	H5T_C_S1	
									Dim1	start, end	H5T_C_S1	
									Data_description	Range of pixel address on L1B image coordinates corresponding to the nadir radiometer for VN08. The pixel address starts from 1.	H5T_C_S1	
									Unit	pixel	H5T_C_S1	
									Dim0	L1B-lines	H5T_C_S1	
106		Polynomial_to_L1A_VN09_coef	L1B→L1A座標変換係数(VN09)	H5T_IEEE_F64LE	3	2	7416	8	Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	to-L1A-pixel, to-L1A-line	H5T_C_S1	
									Dim2	L1B-lines	H5T_C_S1	
									Dim3	coefficients	H5T_C_S1	
									Data_description	Polynomial coefficients to transfer each line of L1B image coordinates into L1A image coordinates for VN09. The center of upper-left pixel is defined as [1,1] in the image coordinates	H5T_C_S1	
									Polynomial_degree	7	H5T_STD_I32LE	
									Unit	pixel	H5T_C_S1	
107		Polynomial_to_L1A_VN09_range	L1B→L1A座標変換係数適用ピクセル範囲(VN09)	H5T_STD_U16LE	7416	2			Dim0	L1B-lines	H5T_C_S1	
									Dim1	start, end	H5T_C_S1	
									Data_description	Range of pixel address on L1B image coordinates corresponding to the nadir radiometer for VN09. The pixel address starts from 1.	H5T_C_S1	
									Unit	pixel	H5T_C_S1	
108		Polynomial_to_L1A_VN10_coef	L1B→L1A座標変換係数(VN10)	H5T_IEEE_F64LE	3	2	7416	8	Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	to-L1A-pixel, to-L1A-line	H5T_C_S1	
									Dim2	L1B-lines	H5T_C_S1	
									Dim3	coefficients	H5T_C_S1	
									Data_description	Polynomial coefficients to transfer each line of L1B image coordinates into L1A image coordinates for VN10. The center of upper-left pixel is defined as [1,1] in the image coordinates	H5T_C_S1	
									Polynomial_degree	7	H5T_STD_I32LE	
									Unit	pixel	H5T_C_S1	
109		Polynomial_to_L1A_VN10_range	L1B→L1A座標変換係数適用ピクセル範囲(VN10)	H5T_STD_U16LE	7416	2			Dim0	L1B-lines	H5T_C_S1	
									Dim1	start, end	H5T_C_S1	
									Data_description	Range of pixel address on L1B image coordinates corresponding to the nadir radiometer for VN10. The pixel address starts from 1.	H5T_C_S1	
									Unit	pixel	H5T_C_S1	
110		Polynomial_to_L1A_VN11_coef	L1B→L1A座標変換係数(VN11)	H5T_IEEE_F64LE	3	2	7416	8	Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	to-L1A-pixel, to-L1A-line	H5T_C_S1	
									Dim2	L1B-lines	H5T_C_S1	
									Dim3	coefficients	H5T_C_S1	
									Data_description	Polynomial coefficients to transfer each line of L1B image coordinates into L1A image coordinates for VN11. The center of upper-left pixel is defined as [1,1] in the image coordinates	H5T_C_S1	
									Polynomial_degree	7	H5T_STD_I32LE	
									Unit	pixel	H5T_C_S1	
111		Polynomial_to_L1A_VN11_range	L1B→L1A座標変換係数適用ピクセル範囲(VN11)	H5T_STD_U16LE	7416	2			Dim0	L1B-lines	H5T_C_S1	
									Dim1	start, end	H5T_C_S1	
									Data_description	Range of pixel address on L1B image coordinates corresponding to the nadir radiometer for VN11. The pixel address starts from 1.	H5T_C_S1	
									Unit	pixel	H5T_C_S1	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考										
112		Polynomial_to_L1B_VN01_coef	L1A→L1B座標変換係数(VN01)	H5T_IEEE_F64LE	3	2	6816	7	Dim0	Left, Nadir, Right	H5T_C_S1											
									Dim1	to-L1B-pixel, to-L1B-line	H5T_C_S1											
									Dim2	L1A-lines	H5T_C_S1											
									Dim3	coefficients	H5T_C_S1											
									Data_description	Polynomial coefficients to transfer each line of L1A image coordinates into L1B image coordinates for VN01. The center of upper-left pixel is defined as [1,1] in the image coordinates	H5T_C_S1											
									Polynomial_degree	6	H5T_STD_I32LE											
									Unit	pixel	H5T_C_S1											
									113		Polynomial_to_L1B_VN02_coef		L1A→L1B座標変換係数(VN02)	H5T_IEEE_F64LE	3	2	6816	7	Dim0	Left, Nadir, Right	H5T_C_S1	
																			Dim1	to-L1B-pixel, to-L1B-line	H5T_C_S1	
																			Dim2	L1A-lines	H5T_C_S1	
Dim3	coefficients	H5T_C_S1																				
Data_description	Polynomial coefficients to transfer each line of L1A image coordinates into L1B image coordinates for VN02. The center of upper-left pixel is defined as [1,1] in the image coordinates	H5T_C_S1																				
Polynomial_degree	6	H5T_STD_I32LE																				
Unit	pixel	H5T_C_S1																				
114		Polynomial_to_L1B_VN03_coef	L1A→L1B座標変換係数(VN03)	H5T_IEEE_F64LE	3	2	6816	7				Dim0							Left, Nadir, Right	H5T_C_S1		
												Dim1							to-L1B-pixel, to-L1B-line	H5T_C_S1		
												Dim2							L1A-lines	H5T_C_S1		
									Dim3	coefficients	H5T_C_S1											
									Data_description	Polynomial coefficients to transfer each line of L1A image coordinates into L1B image coordinates for VN03. The center of upper-left pixel is defined as [1,1] in the image coordinates	H5T_C_S1											
									Polynomial_degree	6	H5T_STD_I32LE											
									Unit	pixel	H5T_C_S1											
									115		Polynomial_to_L1B_VN04_coef	L1A→L1B座標変換係数(VN04)	H5T_IEEE_F64LE	3	2	6816	7	Dim0	Left, Nadir, Right	H5T_C_S1		
																		Dim1	to-L1B-pixel, to-L1B-line	H5T_C_S1		
																		Dim2	L1A-lines	H5T_C_S1		
Dim3	coefficients	H5T_C_S1																				
Data_description	Polynomial coefficients to transfer each line of L1A image coordinates into L1B image coordinates for VN04. The center of upper-left pixel is defined as [1,1] in the image coordinates	H5T_C_S1																				
Polynomial_degree	6	H5T_STD_I32LE																				
Unit	pixel	H5T_C_S1																				
116		Polynomial_to_L1B_VN05_coef	L1A→L1B座標変換係数(VN05)	H5T_IEEE_F64LE	3	2	6816	7										Dim0	Left, Nadir, Right	H5T_C_S1		
																		Dim1	to-L1B-pixel, to-L1B-line	H5T_C_S1		
																		Dim2	L1A-lines	H5T_C_S1		
									Dim3	coefficients	H5T_C_S1											
									Data_description	Polynomial coefficients to transfer each line of L1A image coordinates into L1B image coordinates for VN05. The center of upper-left pixel is defined as [1,1] in the image coordinates	H5T_C_S1											
									Polynomial_degree	6	H5T_STD_I32LE											
									Unit	pixel	H5T_C_S1											
									117		Polynomial_to_L1B_VN06_coef	L1A→L1B座標変換係数(VN06)	H5T_IEEE_F64LE	3	2	6816	7	Dim0	Left, Nadir, Right	H5T_C_S1		
																		Dim1	to-L1B-pixel, to-L1B-line	H5T_C_S1		
																		Dim2	L1A-lines	H5T_C_S1		
Dim3	coefficients	H5T_C_S1																				
Data_description	Polynomial coefficients to transfer each line of L1A image coordinates into L1B image coordinates for VN06. The center of upper-left pixel is defined as [1,1] in the image coordinates	H5T_C_S1																				
Unit	pixel	H5T_C_S1																				
Polynomial_degree	6	H5T_STD_I32LE																				
118		Polynomial_to_L1B_VN07_coef	L1A→L1B座標変換係数(VN07)	H5T_IEEE_F64LE	3	2	6816	7										Dim0	Left, Nadir, Right	H5T_C_S1		
																		Dim1	to-L1B-pixel, to-L1B-line	H5T_C_S1		
																		Dim2	L1A-lines	H5T_C_S1		
									Dim3	coefficients	H5T_C_S1											
									Data_description	Polynomial coefficients to transfer each line of L1A image coordinates into L1B image coordinates for VN07. The center of upper-left pixel is defined as [1,1] in the image coordinates	H5T_C_S1											
									Polynomial_degree	6	H5T_STD_I32LE											
									Unit	pixel	H5T_C_S1											
									119		Polynomial_to_L1B_VN08_coef	L1A→L1B座標変換係数(VN08)	H5T_IEEE_F64LE	3	2	6816	7	Dim0	Left, Nadir, Right	H5T_C_S1		
																		Dim1	to-L1B-pixel, to-L1B-line	H5T_C_S1		
																		Dim2	L1A-lines	H5T_C_S1		
Dim3	coefficients	H5T_C_S1																				
Data_description	Polynomial coefficients to transfer each line of L1A image coordinates into L1B image coordinates for VN08. The center of upper-left pixel is defined as [1,1] in the image coordinates	H5T_C_S1																				
Polynomial_degree	6	H5T_STD_I32LE																				
Unit	pixel	H5T_C_S1																				
120		Polynomial_to_L1B_VN09_coef	L1A→L1B座標変換係数(VN09)	H5T_IEEE_F64LE	3	2	6816	7										Dim0	Left, Nadir, Right	H5T_C_S1		
																		Dim1	to-L1B-pixel, to-L1B-line	H5T_C_S1		
																		Dim2	L1A-lines	H5T_C_S1		
									Dim3	coefficients	H5T_C_S1											
									Data_description	Polynomial coefficients to transfer each line of L1A image coordinates into L1B image coordinates for VN09. The center of upper-left pixel is defined as [1,1] in the image coordinates	H5T_C_S1											
									Polynomial_degree	6	H5T_STD_I32LE											
									Unit	pixel	H5T_C_S1											

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
121		Polynomial_to_L1B_VN10_coef	L1A→L1B座標変換係数 (VN10)	H5T_IEEE_F64LE	3	2	6816	7	Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	to-L1B-pixel, to-L1B-line	H5T_C_S1	
									Dim2	L1A-lines	H5T_C_S1	
									Dim3	coefficients	H5T_C_S1	
									Data_description	Polynomial coefficients to transfer each line of L1A image coordinates into L1B image coordinates for VN10. The center of upper-left pixel is defined as [1,1] in the image coordinates	H5T_C_S1	
									Polynomial_degree	6	H5T_STD_I32LE	
122		Polynomial_to_L1B_VN11_coef	L1A→L1B座標変換係数 (VN11)	H5T_IEEE_F64LE	3	2	6816	7	Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	to-L1B-pixel, to-L1B-line	H5T_C_S1	
									Dim2	L1A-lines	H5T_C_S1	
									Dim3	coefficients	H5T_C_S1	
									Data_description	Polynomial coefficients to transfer each line of L1A image coordinates into L1B image coordinates for VN11. The center of upper-left pixel is defined as [1,1] in the image coordinates	H5T_C_S1	
									Polynomial_degree	6	H5T_STD_I32LE	
123		Quaternion_ECR	クォータニオン (STT→ECR)	H5T_IEEE_F32LE	3541	4			Unit	pixel	H5T_C_S1	
									Dim0	quaternion records (10Hz)	H5T_C_S1	
									Dim1	x, y, z, w(scalar)	H5T_C_S1	
									Data_description	Quaternion (STT→ECR) in x	H5T_C_S1	
									Unit	N/A	H5T_C_S1	
									Data_description	Attitude determination time in TA193	H5T_C_S1	
124		Quaternion_time	クォータニオン時刻	H5T_IEEE_F64LE	3541				Dim0	quaternion records (10Hz)	H5T_C_S1	
									Unit	second	H5T_C_S1	
									Data_description	Sampling time of L1A in TA193	H5T_C_S1	
									Dim0	L1A-lines	H5T_C_S1	
									Unit	Total seconds from 1993/01/01(TAI) epoch	H5T_C_S1	
									Data_description	Satellite eclipse time in TA193	H5T_C_S1	
125		Sampling_time_L1A	L1Aラインサンプリング時刻	H5T_IEEE_F64LE	6816				Unit	second	H5T_C_S1	
									Dim0	L1A-lines	H5T_C_S1	
									Data_description	Sampling time of L1A in TA193	H5T_C_S1	
									Unit	second	H5T_C_S1	
									Data_description	Satellite eclipse time in TA193	H5T_C_S1	
									Unit	second	H5T_C_S1	
126		Satellite_eclipse_time	衛星食明け時刻	H5T_IEEE_F64LE	1				Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	L1A-pixels	H5T_C_S1	
									Error_value	-999	H5T_IEEE_F32LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	L1A-pixels	H5T_C_S1	
									Error_value	-999	H5T_IEEE_F32LE	
127		StripeCorrection_slope_VN01	縞除去補正係数slope (VN01)	H5T_IEEE_F32LE	3	1500			Dim0	Left, Nadir, Right	H5T_C_S1	縞除去機能がOFFのとき0.0
									Dim1	L1A-pixels	H5T_C_S1	
									Error_value	-999	H5T_IEEE_F32LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	L1A-pixels	H5T_C_S1	
									Error_value	-999	H5T_IEEE_F32LE	
128		StripeCorrection_slope_VN02	縞除去補正係数slope (VN02)	H5T_IEEE_F32LE	3	1500			Dim0	Left, Nadir, Right	H5T_C_S1	縞除去機能がOFFのとき0.0
									Dim1	L1A-pixels	H5T_C_S1	
									Error_value	-999	H5T_IEEE_F32LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	L1A-pixels	H5T_C_S1	
									Error_value	-999	H5T_IEEE_F32LE	
129		StripeCorrection_slope_VN03	縞除去補正係数slope (VN03)	H5T_IEEE_F32LE	3	1500			Dim0	Left, Nadir, Right	H5T_C_S1	縞除去機能がOFFのとき0.0
									Dim1	L1A-pixels	H5T_C_S1	
									Error_value	-999	H5T_IEEE_F32LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	L1A-pixels	H5T_C_S1	
									Error_value	-999	H5T_IEEE_F32LE	
130		StripeCorrection_slope_VN04	縞除去補正係数slope (VN04)	H5T_IEEE_F32LE	3	1500			Dim0	Left, Nadir, Right	H5T_C_S1	縞除去機能がOFFのとき0.0
									Dim1	L1A-pixels	H5T_C_S1	
									Error_value	-999	H5T_IEEE_F32LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	L1A-pixels	H5T_C_S1	
									Error_value	-999	H5T_IEEE_F32LE	
131		StripeCorrection_slope_VN05	縞除去補正係数slope (VN05)	H5T_IEEE_F32LE	3	1500			Dim0	Left, Nadir, Right	H5T_C_S1	縞除去機能がOFFのとき0.0
									Dim1	L1A-pixels	H5T_C_S1	
									Error_value	-999	H5T_IEEE_F32LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	L1A-pixels	H5T_C_S1	
									Error_value	-999	H5T_IEEE_F32LE	
132		StripeCorrection_slope_VN06	縞除去補正係数slope (VN06)	H5T_IEEE_F32LE	3	1500			Dim0	Left, Nadir, Right	H5T_C_S1	縞除去機能がOFFのとき0.0
									Dim1	L1A-pixels	H5T_C_S1	
									Error_value	-999	H5T_IEEE_F32LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	L1A-pixels	H5T_C_S1	
									Error_value	-999	H5T_IEEE_F32LE	
133		StripeCorrection_slope_VN07	縞除去補正係数slope (VN07)	H5T_IEEE_F32LE	3	1500			Dim0	Left, Nadir, Right	H5T_C_S1	縞除去機能がOFFのとき0.0
									Dim1	L1A-pixels	H5T_C_S1	
									Error_value	-999	H5T_IEEE_F32LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	L1A-pixels	H5T_C_S1	
									Error_value	-999	H5T_IEEE_F32LE	
134		StripeCorrection_slope_VN08	縞除去補正係数slope (VN08)	H5T_IEEE_F32LE	3	1500			Dim0	Left, Nadir, Right	H5T_C_S1	縞除去機能がOFFのとき0.0
									Dim1	L1A-pixels	H5T_C_S1	
									Error_value	-999	H5T_IEEE_F32LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	L1A-pixels	H5T_C_S1	
									Error_value	-999	H5T_IEEE_F32LE	
135		StripeCorrection_slope_VN09	縞除去補正係数slope (VN09)	H5T_IEEE_F32LE	3	1500			Dim0	Left, Nadir, Right	H5T_C_S1	縞除去機能がOFFのとき0.0
									Dim1	L1A-pixels	H5T_C_S1	
									Error_value	-999	H5T_IEEE_F32LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	L1A-pixels	H5T_C_S1	
									Error_value	-999	H5T_IEEE_F32LE	
136		StripeCorrection_slope_VN10	縞除去補正係数slope (VN10)	H5T_IEEE_F32LE	3	1500			Dim0	Left, Nadir, Right	H5T_C_S1	縞除去機能がOFFのとき0.0
									Dim1	L1A-pixels	H5T_C_S1	
									Error_value	-999	H5T_IEEE_F32LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	L1A-pixels	H5T_C_S1	
									Error_value	-999	H5T_IEEE_F32LE	
137		StripeCorrection_slope_VN11	縞除去補正係数slope (VN11)	H5T_IEEE_F32LE	3	1500			Dim0	Left, Nadir, Right	H5T_C_S1	縞除去機能がOFFのとき0.0
									Dim1	L1A-pixels	H5T_C_S1	
									Error_value	-999	H5T_IEEE_F32LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	L1A-pixels	H5T_C_S1	
									Error_value	-999	H5T_IEEE_F32LE	
138		StripeCorrection_offset_VN01	縞除去補正係数offset (VN01)	H5T_IEEE_F32LE	3	1500			Dim0	Left, Nadir, Right	H5T_C_S1	縞除去機能がOFFのとき0.0
									Dim1	L1A-pixels	H5T_C_S1	
									Error_value	-999	H5T_IEEE_F32LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	L1A-pixels	H5T_C_S1	
									Error_value	-999	H5T_IEEE_F32LE	
139		StripeCorrection_offset_VN02	縞除去補正係数offset (VN02)	H5T_IEEE_F32LE	3	1500			Dim0	Left, Nadir, Right	H5T_C_S1	縞除去機能がOFFのとき0.0
									Dim1	L1A-pixels	H5T_C_S1	
									Error_value	-999	H5T_IEEE_F32LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	L1A-pixels	H5T_C_S1	
									Error_value	-999	H5T_IEEE_F32LE	
140		StripeCorrection_offset_VN03	縞除去補正係数offset (VN03)	H5T_IEEE_F32LE	3	1500			Dim0	Left, Nadir, Right	H5T_C_S1	縞除去機能がOFFのとき0.0
									Dim1	L1A-pixels	H5T_C_S1	
									Error_value	-999	H5T_IEEE_F32LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	L1A-pixels	H5T_C_S1	
									Error_value	-999	H5T_IEEE_F32LE	
141		StripeCorrection_offset_VN04	縞除去補正係数offset (VN04)	H5T_IEEE_F32LE	3	1500			Dim0	Left, Nadir, Right	H5T_C_S1	縞除去機能がOFFのとき0.0
									Dim1	L1A-pixels	H5T_C_S1	
									Error_value	-999	H5T_IEEE_F32LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	L1A-pixels	H5T_C_S1	
									Error_value	-999	H5T_IEEE_F32LE	
142		StripeCorrection_offset_VN05	縞除去補正係数offset (VN05)	H5T_IEEE_F32LE	3	1500			Dim0	Left, Nadir, Right	H5T_C_S1	縞除去機能がOFFのとき0.0
									Dim1	L1A-pixels	H5T_C_S1	
									Error_value	-999	H5T_IEEE_F32LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	L1A-pixels	H5T_C_S1	
									Error_value	-999	H5T_IEEE_F32LE	
143		StripeCorrection_offset_VN06	縞除去補正係数offset (VN06)	H5T_IEEE_F32LE	3	1500			Dim0	Left, Nadir, Right	H5T_C_S1	縞除去機能がOFFのとき0.0
									Dim1	L1A-pixels	H5T_C_S1	
									Error_value	-999	H5T_IEEE_F32LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	L1A-pixels	H5T_C_S1	
									Error_value	-999	H5T_IEEE_F32LE	
144		StripeCorrection_offset_VN07	縞除去補正係数offset (VN07)	H5T_IEEE_F32LE	3	1500			Dim0	Left, Nadir, Right	H5T_C_S1	縞除去機能がOFFのとき0.0
									Dim1	L1A-pixels	H5T_C_S1	
									Error_value	-999	H5T_IEEE_F32LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	L1A-pixels	H5T_C_S1	
									Error_value	-999	H5T_IEEE_F32LE	
145		StripeCorrection_offset_VN08	縞除去補正係数offset (VN08)	H5T_IEEE_F32LE	3	1500			Dim0	Left, Nadir, Right	H5T_C_S1	縞除去機能がOFFのとき0.0
									Dim1	L1A-pixels	H5T_C_S1	
									Error_value	-999	H5T_IEEE_F32LE	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
146		StripeCorrection_offset_VN09	縞除去補正係数offset (VN09)	H5T_IEEE_F32LE	3	1500			Dim0	Left, Nadir, Right	H5T_C_S1	縞除去機能がOFFのとき0.0
									Dim1	L1A-pixels	H5T_C_S1	
									Error_value	-999	H5T_IEEE_F32LE	
147		StripeCorrection_offset_VN10	縞除去補正係数offset (VN10)	H5T_IEEE_F32LE	3	1500			Dim0	Left, Nadir, Right	H5T_C_S1	縞除去機能がOFFのとき0.0
									Dim1	L1A-pixels	H5T_C_S1	
									Error_value	-999	H5T_IEEE_F32LE	
148		StripeCorrection_offset_VN11	縞除去補正係数offset (VN11)	H5T_IEEE_F32LE	3	1500			Dim0	Left, Nadir, Right	H5T_C_S1	縞除去機能がOFFのとき0.0
									Dim1	L1A-pixels	H5T_C_S1	
									Error_value	-999	H5T_IEEE_F32LE	
149		RadiometerCorrection_slope_VN01	鏡筒間補正補正係数slope (VN01)	H5T_IEEE_F32LE	4	6816			Dim0	Left, Nadir(Left), Nadir(Right), Right	H5T_C_S1	鏡筒間補正機能がOFFのとき0.0
									Dim1	L1A-lines	H5T_C_S1	
									Error_value	-999	H5T_IEEE_F32LE	
150		RadiometerCorrection_slope_VN02	鏡筒間補正補正係数slope (VN02)	H5T_IEEE_F32LE	4	6816			Dim0	Left, Nadir(Left), Nadir(Right), Right	H5T_C_S1	鏡筒間補正機能がOFFのとき0.0
									Dim1	L1A-lines	H5T_C_S1	
									Error_value	-999	H5T_IEEE_F32LE	
151		RadiometerCorrection_slope_VN03	鏡筒間補正補正係数slope (VN03)	H5T_IEEE_F32LE	4	6816			Dim0	Left, Nadir(Left), Nadir(Right), Right	H5T_C_S1	鏡筒間補正機能がOFFのとき0.0
									Dim1	L1A-lines	H5T_C_S1	
									Error_value	-999	H5T_IEEE_F32LE	
152		RadiometerCorrection_slope_VN04	鏡筒間補正補正係数slope (VN04)	H5T_IEEE_F32LE	4	6816			Dim0	Left, Nadir(Left), Nadir(Right), Right	H5T_C_S1	鏡筒間補正機能がOFFのとき0.0
									Dim1	L1A-lines	H5T_C_S1	
									Error_value	-999	H5T_IEEE_F32LE	
153		RadiometerCorrection_slope_VN05	鏡筒間補正補正係数slope (VN05)	H5T_IEEE_F32LE	4	6816			Dim0	Left, Nadir(Left), Nadir(Right), Right	H5T_C_S1	鏡筒間補正機能がOFFのとき0.0
									Dim1	L1A-lines	H5T_C_S1	
									Error_value	-999	H5T_IEEE_F32LE	
154		RadiometerCorrection_slope_VN06	鏡筒間補正補正係数slope (VN06)	H5T_IEEE_F32LE	4	6816			Dim0	Left, Nadir(Left), Nadir(Right), Right	H5T_C_S1	鏡筒間補正機能がOFFのとき0.0
									Dim1	L1A-lines	H5T_C_S1	
									Error_value	-999	H5T_IEEE_F32LE	
155		RadiometerCorrection_slope_VN07	鏡筒間補正補正係数slope (VN07)	H5T_IEEE_F32LE	4	6816			Dim0	Left, Nadir(Left), Nadir(Right), Right	H5T_C_S1	鏡筒間補正機能がOFFのとき0.0
									Dim1	L1A-lines	H5T_C_S1	
									Error_value	-999	H5T_IEEE_F32LE	
156		RadiometerCorrection_slope_VN08	鏡筒間補正補正係数slope (VN08)	H5T_IEEE_F32LE	4	6816			Dim0	Left, Nadir(Left), Nadir(Right), Right	H5T_C_S1	鏡筒間補正機能がOFFのとき0.0
									Dim1	L1A-lines	H5T_C_S1	
									Error_value	-999	H5T_IEEE_F32LE	
157		RadiometerCorrection_slope_VN09	鏡筒間補正補正係数slope (VN09)	H5T_IEEE_F32LE	4	6816			Dim0	Left, Nadir(Left), Nadir(Right), Right	H5T_C_S1	鏡筒間補正機能がOFFのとき0.0
									Dim1	L1A-lines	H5T_C_S1	
									Error_value	-999	H5T_IEEE_F32LE	
158		RadiometerCorrection_slope_VN10	鏡筒間補正補正係数slope (VN10)	H5T_IEEE_F32LE	4	6816			Dim0	Left, Nadir(Left), Nadir(Right), Right	H5T_C_S1	鏡筒間補正機能がOFFのとき0.0
									Dim1	L1A-lines	H5T_C_S1	
									Error_value	-999	H5T_IEEE_F32LE	
159		RadiometerCorrection_slope_VN11	鏡筒間補正補正係数slope (VN11)	H5T_IEEE_F32LE	4	6816			Dim0	Left, Nadir(Left), Nadir(Right), Right	H5T_C_S1	鏡筒間補正機能がOFFのとき0.0
									Dim1	L1A-lines	H5T_C_S1	
									Error_value	-999	H5T_IEEE_F32LE	
160		RadiometerCorrection_offset_VN01	鏡筒間補正補正係数offset (VN01)	H5T_IEEE_F32LE	4	6816			Dim0	Left, Nadir(Left), Nadir(Right), Right	H5T_C_S1	鏡筒間補正機能がOFFのとき0.0
									Dim1	L1A-lines	H5T_C_S1	
									Error_value	-999	H5T_IEEE_F32LE	
161		RadiometerCorrection_offset_VN02	鏡筒間補正補正係数offset (VN02)	H5T_IEEE_F32LE	4	6816			Dim0	Left, Nadir(Left), Nadir(Right), Right	H5T_C_S1	鏡筒間補正機能がOFFのとき0.0
									Dim1	L1A-lines	H5T_C_S1	
									Error_value	-999	H5T_IEEE_F32LE	
162		RadiometerCorrection_offset_VN03	鏡筒間補正補正係数offset (VN03)	H5T_IEEE_F32LE	4	6816			Dim0	Left, Nadir(Left), Nadir(Right), Right	H5T_C_S1	鏡筒間補正機能がOFFのとき0.0
									Dim1	L1A-lines	H5T_C_S1	
									Error_value	-999	H5T_IEEE_F32LE	
163		RadiometerCorrection_offset_VN04	鏡筒間補正補正係数offset (VN04)	H5T_IEEE_F32LE	4	6816			Dim0	Left, Nadir(Left), Nadir(Right), Right	H5T_C_S1	鏡筒間補正機能がOFFのとき0.0
									Dim1	L1A-lines	H5T_C_S1	
									Error_value	-999	H5T_IEEE_F32LE	
164		RadiometerCorrection_offset_VN05	鏡筒間補正補正係数offset (VN05)	H5T_IEEE_F32LE	4	6816			Dim0	Left, Nadir(Left), Nadir(Right), Right	H5T_C_S1	鏡筒間補正機能がOFFのとき0.0
									Dim1	L1A-lines	H5T_C_S1	
									Error_value	-999	H5T_IEEE_F32LE	
165		RadiometerCorrection_offset_VN06	鏡筒間補正補正係数offset (VN06)	H5T_IEEE_F32LE	4	6816			Dim0	Left, Nadir(Left), Nadir(Right), Right	H5T_C_S1	鏡筒間補正機能がOFFのとき0.0
									Dim1	L1A-lines	H5T_C_S1	
									Error_value	-999	H5T_IEEE_F32LE	
166		RadiometerCorrection_offset_VN07	鏡筒間補正補正係数offset (VN07)	H5T_IEEE_F32LE	4	6816			Dim0	Left, Nadir(Left), Nadir(Right), Right	H5T_C_S1	鏡筒間補正機能がOFFのとき0.0
									Dim1	L1A-lines	H5T_C_S1	
									Error_value	-999	H5T_IEEE_F32LE	
167		RadiometerCorrection_offset_VN08	鏡筒間補正補正係数offset (VN08)	H5T_IEEE_F32LE	4	6816			Dim0	Left, Nadir(Left), Nadir(Right), Right	H5T_C_S1	鏡筒間補正機能がOFFのとき0.0
									Dim1	L1A-lines	H5T_C_S1	
									Error_value	-999	H5T_IEEE_F32LE	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
168		RadiometerCorrection_offset_VN09	鏡筒間補正補正係数offset (VN09)	H5T_IEEE_F32LE	4	6816			Dim0	Left, Nadir(Left), Nadir(Right), Right	H5T_C_S1	鏡筒間補正機能がOFFのとき0.0
									Dim1	L1A-lines	H5T_C_S1	
									Error_value	-999	H5T_IEEE_F32LE	
169		RadiometerCorrection_offset_VN10	鏡筒間補正補正係数offset (VN10)	H5T_IEEE_F32LE	4	6816			Dim0	Left, Nadir(Left), Nadir(Right), Right	H5T_C_S1	鏡筒間補正機能がOFFのとき0.0
									Dim1	L1A-lines	H5T_C_S1	
									Error_value	-999	H5T_IEEE_F32LE	
170		RadiometerCorrection_offset_VN11	鏡筒間補正補正係数offset (VN11)	H5T_IEEE_F32LE	4	6816			Dim0	Left, Nadir(Left), Nadir(Right), Right	H5T_C_S1	鏡筒間補正機能がOFFのとき0.0
									Dim1	L1A-lines	H5T_C_S1	
									Error_value	-999	H5T_IEEE_F32LE	
	Ancillary_data	—	—	—	—	—	—	—	Data_description	Don't use the record when lack line. (Refer to Data quality flag/Qf Scan of L1A-product)	H5T_C_S1	
171	Ancillary_data/TC_FPGA	Mode_register	モードレジスタ	H5T_STD_U8LE	3	6816			Data_description	Mode register	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	L1A-lines	H5T_C_S1	
172		Bord_address_register	ボードアドレスレジスタ	H5T_STD_U8LE	3	6816			Data_description	Board address	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	L1A-lines	H5T_C_S1	
173		SD4_PL_ASP_A_B_status	SD4 PL-ASP A系/B系ステータス	H5T_STD_U8LE	3	6816			Data_description	SD4 PL-ASP A/B status 0 : A 1 : B	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	L1A-lines	H5T_C_S1	
174		SD3_NP_ASP_A_B_status	SD3 NP-ASP A系/B系ステータス	H5T_STD_U8LE	3	6816			Data_description	SD3 NP-ASP A/B status 0 : A 1 : B	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	L1A-lines	H5T_C_S1	
175		SD2_MTR_A_B_status	SD2 MTR A系/B系ステータス	H5T_STD_U8LE	3	6816			Data_description	SD2 MTR A/B status 0 : A 1 : B	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	L1A-lines	H5T_C_S1	
176		SD1_HCE_A_B_status	SD1 HCE A系/B系ステータス	H5T_STD_U8LE	3	6816			Data_description	SD1 HCE A/B status 0 : A 1 : B	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	L1A-lines	H5T_C_S1	
177		Double_buffer_output_status	バッファステータス	H5T_STD_U8LE	3	6816			Data_description	Double buffer output status 0 : A 1 : B	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	L1A-lines	H5T_C_S1	
178		TC_FPGA_ENA_DIS	TC-FPGS ENA/DIS ステータス	H5T_STD_U8LE	3	6816			Data_description	TC-FPGA ENA/DIS 0 : DISABLE 1 : ENABLE	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	L1A-lines	H5T_C_S1	
179	Ancillary_data/NP_DSP_FPGA	Raw_mode_band_select	非偏光生データ出力モードバンド選択ステータス	H5T_STD_U8LE	3	6816			Data_description	Selected Channel number in raw data output mode 1-11 : VN01 (S06), VN02 (S05), VN03 (S07), VN04 (S04), VN05 (S08), VN06 (S03), VN07 (S02), VN08 (S09), VN09 (S11), VN10 (S01), VN11 (S10)	H5T_C_S1	
									TLM_info_tlmID	VN0077, VN0082, VN0070	H5T_C_S1	
									TLM_info_name	VNR NP-L RAW DAT BND SEL, VNR NP-N RAW DAT BND SEL, VNR NP-R RAW DAT BND SEL	H5T_C_S1	
									TLM_info_short_name	V NP-L VN SEL1-11, V NP-N VN SEL1-11, V NP-R VN	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
180		Resolution_status	分解能ステータス	H5T_STD_U8LE	3	6816			Data_description	Resolution status of each lens telescope 0 : 1km 1 : 250m	H5T_C_S1	
									TLM_info_tlmID	VN0079, VN0067, VN0072	H5T_C_S1	
									TLM_info_name	VNR NP-L RESO STS, VNR NP-N RESO STS, VNR NP-R RESO STS	H5T_C_S1	
									TLM_info_short_name	V NP-L RES SEL, V NP-N RES SEL, V NP-R RES SEL	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
181		Raw_mode_DSP	生データ切り替えステータス	H5T_STD_U8LE	3	6816			Data_description	DSP status in raw data mode or observation mode 0 : Observation 1 : Raw	H5T_C_S1	
									TLM_info_tlmID	VN0080, VN0068, VN0073	H5T_C_S1	
									TLM_info_name	VNR NP-L RAW DAT MODE, VNR NP-N RAW DAT MODE, VNR NP-R RAW DAT MODE	H5T_C_S1	
									TLM_info_short_name	V NP-L RAW MODE SEL, V NP-N RAW MODE SEL, V NP-R RAW MODE SEL	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
								Dim1	L1A-lines	H5T_C_S1		

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
182		DAT_ena_dis_status	観測データEna/Disステータス	H5T_STD_U8LE	3	6816			Data_description	Observation data enable or disable status 0 : Disable 1 : Enable	H5T_C_S1	
									TLM_info_tlmID	VN0081, VN0069, VN0074	H5T_C_S1	
									TLM_info_name	VNR NP-L DAT ENA/DIS, VNR NP-N DAT ENA/DIS, VNR NP-R DAT ENA/DIS	H5T_C_S1	
									TLM_info_short_name	V NP-L DAT ENA/DIS, V NP-N DAT ENA/DIS, V NP-R DAT	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
183	Ancillary_data/NP_ASP_telemetry	Line_rate	ラインレート	H5T_STD_U8LE	3	6816	11		Data_description	Selected line rate status	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	LIA-lines	H5T_C_S1	
									Dim2	VN01 (S06), VN02 (S05), VN03 (S07), VN04 (S04), VN05 (S08), VN06 (S03), VN07 (S02), VN08 (S09), VN09 (S11), VN10 (S01), VN11 (S10)	H5T_C_S1	
184		Shutter_set_band	シャッター設定切替バンド選択	H5T_STD_U8LE	3	6816	11		Data_description	Selected Channel number in integration time 1-11 : VN01 (S06), VN02 (S05), VN03 (S07), VN04 (S04), VN05 (S08), VN06 (S03), VN07 (S02), VN08 (S09), VN09 (S11), VN10 (S01), VN11 (S10)	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	LIA-lines	H5T_C_S1	
									Dim2	VN01 (S06), VN02 (S05), VN03 (S07), VN04 (S04), VN05 (S08), VN06 (S03), VN07 (S02), VN08 (S09), VN09 (S11), VN10 (S01), VN11 (S10)	H5T_C_S1	
185		Integration_time	積分時間	H5T_STD_U8LE	3	6816	11		Data_description	Selected Integration time	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	LIA-lines	H5T_C_S1	
									Dim2	VN01 (S06), VN02 (S05), VN03 (S07), VN04 (S04), VN05 (S08), VN06 (S03), VN07 (S02), VN08 (S09), VN09 (S11), VN10 (S01), VN11 (S10)	H5T_C_S1	
186		t3	蓄積時間t3	H5T_IEEE_F64LE	3	6816	11		Data_description	Integration time t3(usec)	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	VN01 (S06), VN02 (S05), VN03 (S07), VN04 (S04), VN05 (S08), VN06 (S03), VN07 (S02), VN08 (S09), VN09 (S11), VN10 (S01), VN11 (S10)	H5T_C_S1	
187	Ancillary_data/NP_ASP_SD	NP_ASP_select	非偏光鏡筒指定	H5T_STD_U8LE	3	6816			Data_description	Selected lens telescope name in command 1 : Right 2 : Nadir 3 : Left 7 : All	H5T_C_S1	
									TLM_info_tlmID	VN0537	H5T_C_S1	
									TLM_info_name	VNR NP TYPE	H5T_C_S1	
									TLM_info_short_name	V NP SEL	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
188		NP_ASP_mode_status (Right)	非偏光動作切替(鏡筒右方視)	H5T_STD_U8LE	3	6816			Data_description	Selected mode of each lens telescope 1 : Wait mode 3 : Observation mode (observation data input) 4 : Raw data output mode 5 : Observation mode (electrical calibration input)	H5T_C_S1	
									TLM_info_tlmID	VN0538	H5T_C_S1	
									TLM_info_name	VNR NP-R MODE STS	H5T_C_S1	
									TLM_info_short_name	V NP-R MODE ST	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
189		NP_ASP_mode_status (Nadir)	非偏光動作切替(鏡筒直下視)	H5T_STD_U8LE	3	6816			Data_description	Selected mode of each lens telescope 1 : Wait mode 3 : Observation mode (observation data input) 4 : Raw data output mode 5 : Observation mode (electrical calibration input)	H5T_C_S1	
									TLM_info_tlmID	VN0539	H5T_C_S1	
									TLM_info_name	VNR NP-N MODE STS	H5T_C_S1	
									TLM_info_short_name	V NP-N MODE ST	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
190		NP_ASP_mode_status (Left)	非偏光動作切替(鏡筒左方視)	H5T_STD_U8LE	3	6816			Data_description	Selected mode of each lens telescope 1 : Wait mode 3 : Observation mode (observation data input) 4 : Raw data output mode 5 : Observation mode (electrical calibration input)	H5T_C_S1	
									TLM_info_tlmID	VN0540	H5T_C_S1	
									TLM_info_name	VNR NP-L MODE STS	H5T_C_S1	
									TLM_info_short_name	V NP-L MODE ST	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
								Dim1	lines	H5T_C_S1		

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
191		Raw_mode_ASP (Right)	生データモードデータ切替(鏡筒右方視)	H5T_STD_U8LE	3	6816			Data_description	ASP status in raw data mode or observation mode 1 : Interface to AGE (DATA1:S01, DATA2:S05, DATA3:S09 / DATA1:S02, DATA2:S06, DATA3:S10), Interface to DSP (Data1:VN10, Data2:VN2, Data3:VN8) 2 : Interface to AGE (DATA1:S02, DATA2:S06, DATA3:S10 / DATA1:S01, DATA2:S05, DATA3:S09), Interface to DSP (DATA1:VN7, DATA2:VN1, DATA3:VN11) 3 : Interface to AGE (DATA1:S03, DATA2:S07, DATA3:S11 / DATA1:S04, DATA2:S08), Interface to DSP (DATA1:VN6, DATA2:VN3, DATA3:VN9) 4 : Interface to AGE (DATA1:S04, DATA2:S08 / DATA1:S03, DATA2:S07, DATA3:S11), Interface to DSP (DATA1:VN4, DATA2:VN5)	H5T_C_S1	
									TLM_info_tlmID	VN0544	H5T_C_S1	
									TLM_info_name	VNR NP-R RAW MODE SEL	H5T_C_S1	
									TLM_info_short_name	V NP-R MODE RAW	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
192		Raw_mode_ASP (Nadir)	生データモードデータ切替(鏡筒直下視)	H5T_STD_U8LE	3	6816			Data_description	ASP status in raw data mode or observation mode 1 : Interface to AGE (DATA1:S01, DATA2:S05, DATA3:S09 / DATA1:S02, DATA2:S06, DATA3:S10), Interface to DSP (Data1:VN10, Data2:VN2, Data3:VN8) 2 : Interface to AGE (DATA1:S02, DATA2:S06, DATA3:S10 / DATA1:S01, DATA2:S05, DATA3:S09), Interface to DSP (DATA1:VN7, DATA2:VN1, DATA3:VN11) 3 : Interface to AGE (DATA1:S03, DATA2:S07, DATA3:S11 / DATA1:S04, DATA2:S08), Interface to DSP (DATA1:VN6, DATA2:VN3, DATA3:VN9) 4 : Interface to AGE (DATA1:S04, DATA2:S08 / DATA1:S03, DATA2:S07, DATA3:S11), Interface to DSP (DATA1:VN4, DATA2:VN5)	H5T_C_S1	
									TLM_info_tlmID	VN0545	H5T_C_S1	
									TLM_info_name	VNR NP-N RAW MODE SEL	H5T_C_S1	
									TLM_info_short_name	V NP-N MODE RAW	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
193		Raw_mode_ASP (Left)	生データモードデータ切替(鏡筒左方視)	H5T_STD_U8LE	3	6816			Data_description	ASP status in raw data mode or observation mode 1 : Interface to AGE (DATA1:S01, DATA2:S05, DATA3:S09 / DATA1:S02, DATA2:S06, DATA3:S10), Interface to DSP (Data1:VN10, Data2:VN2, Data3:VN8) 2 : Interface to AGE (DATA1:S02, DATA2:S06, DATA3:S10 / DATA1:S01, DATA2:S05, DATA3:S09), Interface to DSP (DATA1:VN7, DATA2:VN1, DATA3:VN11) 3 : Interface to AGE (DATA1:S03, DATA2:S07, DATA3:S11 / DATA1:S04, DATA2:S08), Interface to DSP (DATA1:VN6, DATA2:VN3, DATA3:VN9) 4 : Interface to AGE (DATA1:S04, DATA2:S08 / DATA1:S03, DATA2:S07, DATA3:S11), Interface to DSP (DATA1:VN4, DATA2:VN5)	H5T_C_S1	
									TLM_info_tlmID	VN0546	H5T_C_S1	
									TLM_info_name	VNR NP-L RAW MODE SEL	H5T_C_S1	
									TLM_info_short_name	V NP-L MODE RAW	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
194		DET_drive_status (Right)	DET ON/OFF (鏡筒右方視)	H5T_STD_U8LE	3	6816			Data_description	Detector CCD drive status 0 : OFF 1 : ON	H5T_C_S1	
									TLM_info_tlmID	VN0541	H5T_C_S1	
									TLM_info_name	VNR NP-R DET ON/OFF	H5T_C_S1	
									TLM_info_short_name	V NP-R DET ONOFF	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
195		DET_drive_status (Nadir)	DET ON/OFF (鏡筒直下視)	H5T_STD_U8LE	3	6816			Data_description	Detector CCD drive status 0 : OFF 1 : ON	H5T_C_S1	
									TLM_info_tlmID	VN0542	H5T_C_S1	
									TLM_info_name	VNR NP-N DET ON/OFF	H5T_C_S1	
									TLM_info_short_name	V NP-N DET ONOFF	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
196		DET_drive_status (Left)	DET ON/OFF (鏡筒左方視)	H5T_STD_U8LE	3	6816			Data_description	Detector CCD drive status 0 : OFF 1 : ON	H5T_C_S1	
									TLM_info_tlmID	VN0543	H5T_C_S1	
									TLM_info_name	VNR NP-L DET ON/OFF	H5T_C_S1	
									TLM_info_short_name	V NP-L DET ONOFF	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
197		Electric_cal_level (Right)	電気校正切替(鏡筒右方視)	H5T_STD_USLE	3	6816			Data_description	Electrical calibration signal level status 1 : Level1 2 : Level2 3 : Level3 4 : Level4 5 : Level5 6 : Level6	H5T_C_S1	
									TLM_info_tlmID	VN0550	H5T_C_S1	
									TLM_info_name	VNR NP-R ELEC CAL LEVEL	H5T_C_S1	
									TLM_info_short_name	V NP-R ELEC CAL	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
198		Electric_cal_level (Nadir)	電気校正切替(鏡筒直下視)	H5T_STD_USLE	3	6816			Data_description	Electrical calibration signal level status 1 : Level1 2 : Level2 3 : Level3 4 : Level4 5 : Level5 6 : Level6	H5T_C_S1	
									TLM_info_tlmID	VN0551	H5T_C_S1	
									TLM_info_name	VNR NP-N ELEC CAL LEVEL	H5T_C_S1	
									TLM_info_short_name	V NP-N ELEC CAL	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
199		Electric_cal_level (Left)	電気校正切替(鏡筒左方視)	H5T_STD_USLE	3	6816			Data_description	Electrical calibration signal level status 1 : Level1 2 : Level2 3 : Level3 4 : Level4 5 : Level5 6 : Level6	H5T_C_S1	
									TLM_info_tlmID	VN0552	H5T_C_S1	
									TLM_info_name	VNR NP-L ELEC CAL LEVEL	H5T_C_S1	
									TLM_info_short_name	V NP-L ELEC CAL	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
200		CCD_temperature (Right)	CCD温度モニタ(鏡筒右方視)	H5T_IEEE_F32LE	3	6816	2		Data_description	CCD temperature	H5T_C_S1	
									TLM_info_tlmID	VN0556, VN0557	H5T_C_S1	
									TLM_info_name	VNR NP-R CCD TMP1, VNR NP-R CCD TMP2	H5T_C_S1	
									TLM_info_short_name	V NP-R CCD TMP1, V NP-R CCD TMP2	H5T_C_S1	
									Minimum valid value	0	H5T_IEEE_F32LE	
									Maximum valid value	60	H5T_IEEE_F32LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	temp1, temp2	H5T_C_S1	
									Unit	degree C	H5T_C_S1	
201		CCD_temperature (Nadir)	CCD温度モニタ(鏡筒直下視)	H5T_IEEE_F32LE	3	6816	2		Data_description	CCD temperature	H5T_C_S1	
									TLM_info_tlmID	VN0558, VN0559	H5T_C_S1	
									TLM_info_name	VNR NP-N CCD TMP3, VNR NP-N CCD TMP4	H5T_C_S1	
									TLM_info_short_name	V NP-N CCD TMP3, V NP-N CCD TMP4	H5T_C_S1	
									Minimum valid value	0	H5T_IEEE_F32LE	
									Maximum valid value	60	H5T_IEEE_F32LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	temp3, temp4	H5T_C_S1	
									Unit	degree C	H5T_C_S1	
202		CCD_temperature (Left)	CCD温度モニタ(鏡筒左方視)	H5T_IEEE_F32LE	3	6816	2		Data_description	CCD temperature	H5T_C_S1	
									TLM_info_tlmID	VN0560, VN0561	H5T_C_S1	
									TLM_info_name	VNR NP-L CCD TMP5, VNR NP-L CCD TMP6	H5T_C_S1	
									TLM_info_short_name	V NP-L CCD TMP5, V NP-L CCD TMP6	H5T_C_S1	
									Minimum valid value	0	H5T_IEEE_F32LE	
									Maximum valid value	60	H5T_IEEE_F32LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	LIA-lines	H5T_C_S1	
									Dim2	temp5, temp6	H5T_C_S1	
									Unit	degree C	H5T_C_S1	
203	Ancillary_data/PL_ASP_SD	PD_monitor_gain	光量モニタゲイン	H5T_STD_USLE	3	6816			Data_description	Sun monitor gain 0 : HI gain 1 : LO gain	H5T_C_S1	
									TLM_info_tlmID	VN0573	H5T_C_S1	
									TLM_info_name	VNR PD GAIN HI/LO	H5T_C_S1	
									TLM_info_short_name	V PD GAIN	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	LIA-lines	H5T_C_S1	
204		LED_white_on_off	白色LED ON/OFF	H5T_STD_USLE	3	6816			Data_description	White LED ON/OFF status 0 : LED1 OFF / LED2 OFF 1 : LED1 OFF / LED2 ON 2 : LED1 ON / LED2 OFF 3 : LED1 ON / LED2 ON	H5T_C_S1	
									TLM_info_tlmID	VN0574	H5T_C_S1	
									TLM_info_name	VNR VIS-LED ON/OFF	H5T_C_S1	
									TLM_info_short_name	V VIS-LED ON/OFF	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	LIA-lines	H5T_C_S1	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考										
205		LED_NIR_on_off	近赤外LED ON/OFF	H5T_STD_U8LE	3	6816			Data_description	LED NIR status 0 : LED1 OFF / LED2 OFF 1 : LED1 OFF / LED2 ON 2 : LED1 ON / LED2 OFF 3 : LED1 ON / LED2 ON	H5T_C_S1											
									TLM_info_tlmID	VN0575	H5T_C_S1											
									TLM_info_name	VNR NIR-LED ON/OFF	H5T_C_S1											
									TLM_info_short_name	V NIR-LED ONOFF	H5T_C_S1											
									Dim0	Left, Nadir, Right	H5T_C_S1											
206		PD_monitor	光量モニタ	H5T_IEEE_F32LE	3	6816	4		Data_description	Sun monitor	H5T_C_S1											
									TLM_info_tlmID	VN0576, VN0577, VN0578, VN0579	H5T_C_S1											
									TLM_info_name	VNR PD MON1, VNR PD MON2, VNR PD MON3, VNR PD MON4	H5T_C_S1											
									TLM_info_short_name	V PD LEV1, V PD LEV2, V PD LEV3, V PD LEV4	H5T_C_S1											
									Minimum valid value	0	H5T_IEEE_F32LE											
									Maximum valid value	-999	H5T_IEEE_F32LE											
									Dim0	Left, Nadir, Right	H5T_C_S1											
									Dim1	L1A-lines	H5T_C_S1											
									Dim2	monitor1-monitor4	H5T_C_S1											
									Unit	nA	H5T_C_S1											
207		LED_white_current	内部光源駆動電流(白色LED)	H5T_IEEE_F32LE	3	6816	2	4	Data_description	LED white current	H5T_C_S1											
									TLM_info_tlmID	VN0580, VN0581, VN0582, VN0583, VN0584, VN0585, VN0586, VN0587	H5T_C_S1											
									TLM_info_name	VNR VIS-LED1-1 CUR, VNR VIS-LED1-2 CUR, VNR VIS-LED1-3 CUR, VNR VIS-LED1-4 CUR, VNR VIS-LED2-1 CUR, VNR VIS-LED2-2 CUR, VNR VIS-LED2-3 CUR, VNR VIS-LED2-4 CUR	H5T_C_S1											
									TLM_info_short_name	V VIS-LED1-1 CUR, V VIS-LED1-2 CUR, V VIS-LED1-3 CUR, V VIS-LED1-4 CUR, V VIS-LED2-1 CUR, V VIS-LED2-2 CUR, V VIS-LED2-3 CUR, V VIS-LED2-4 CUR	H5T_C_S1											
									Minimum valid value	0	H5T_IEEE_F32LE											
									Maximum valid value	80	H5T_IEEE_F32LE											
									Dim0	Left, Nadir, Right	H5T_C_S1											
									Dim1	L1A-lines	H5T_C_S1											
									Dim2	white LED1, white LED2	H5T_C_S1											
									Dim3	curl-cur4	H5T_C_S1											
									Unit	mA	H5T_C_S1											
									208		LED_NIR_current		内部光源駆動電流(近赤外LED)	H5T_IEEE_F32LE	3	6816	2		Data_description	LED NIR current	H5T_C_S1	
																			TLM_info_tlmID	VN0588, VN0589	H5T_C_S1	
TLM_info_name	VNR NIR-LED1 CUR, VNR NIR-LED2 CUR	H5T_C_S1																				
TLM_info_short_name	V NIR-LED1 CUR, V NIR-LED2 CUR	H5T_C_S1																				
Minimum valid value	0	H5T_IEEE_F32LE																				
Maximum valid value	120	H5T_IEEE_F32LE																				
Dim0	Left, Nadir, Right	H5T_C_S1																				
Dim1	L1A-lines	H5T_C_S1																				
Dim2	NIR LED1 NIR LED2	H5T_C_S1																				
Unit	mA	H5T_C_S1																				
209		LED_white_temperature	白色LED用温度モニタ	H5T_IEEE_F32LE	3	6816	2		Data_description	LED white temperature	H5T_C_S1											
									TLM_info_tlmID	VN0590, VN0591	H5T_C_S1											
									TLM_info_name	VNR VIS-LED TMP1, VNR VIS-LED TMP2	H5T_C_S1											
									TLM_info_short_name	V VIS-LED TMP1, V VIS-LED TMP2	H5T_C_S1											
									Minimum valid value	0	H5T_IEEE_F32LE											
									Maximum valid value	60	H5T_IEEE_F32LE											
									Dim0	Left, Nadir, Right	H5T_C_S1											
									Dim1	L1A-lines	H5T_C_S1											
									Dim2	LED1 monitor, LED2 monitor	H5T_C_S1											
									Unit	degree C	H5T_C_S1											
210		LED_NIR_temperature	近赤外用温度モニタ	H5T_IEEE_F32LE	3	6816	2		Data_description	LED NIR temperature	H5T_C_S1											
									TLM_info_tlmID	VN0592, VN0593	H5T_C_S1											
									TLM_info_name	VNR NIR-LED TMP1, VNR NIR-LED TMP2	H5T_C_S1											
									TLM_info_short_name	V NIR-LED TMP1, V NIR-LED TMP2	H5T_C_S1											
									Minimum valid value	0	H5T_IEEE_F32LE											
									Maximum valid value	60	H5T_IEEE_F32LE											
									Dim0	Left, Nadir, Right	H5T_C_S1											
									Dim1	L1A-lines	H5T_C_S1											
									Dim2	LED1 monitor, LED2 monitor	H5T_C_S1											
									Unit	degree C	H5T_C_S1											
211		PD_monitor_temperature	光量モニタ用温度モニタ	H5T_IEEE_F32LE	3	6816			Data_description	Sun monitor temperature	H5T_C_S1											
									TLM_info_tlmID	VN0594	H5T_C_S1											
									TLM_info_name	VNR PD TMP	H5T_C_S1											
									TLM_info_short_name	V PD TMP	H5T_C_S1											
									Minimum valid value	0	H5T_IEEE_F32LE											
									Maximum valid value	60	H5T_IEEE_F32LE											
									Dim0	Left, Nadir, Right	H5T_C_S1											
									Dim1	L1A-lines	H5T_C_S1											
									Unit	degree C	H5T_C_S1											
									212	Ancillary_data/MTR_SD	Diffuser_pulse_count		拡散板パルスカウント	H5T_IEEE_F32LE	3	6816			Data_description	Steer angle of scatter diffuser	H5T_C_S1	
TLM_info_tlmID	VN0668	H5T_C_S1																				
TLM_info_name	VNR DIF PLS(ANG)	H5T_C_S1																				
TLM_info_short_name	V DIF PLS CNT(ANG)	H5T_C_S1																				
Minimum valid value	-175	H5T_IEEE_F32LE																				
Maximum valid value	45	H5T_IEEE_F32LE																				
Dim0	Left, Nadir, Right	H5T_C_S1																				
Dim1	L1A-lines	H5T_C_S1																				
Unit	degree	H5T_C_S1																				

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
213		Diffuser_status	拡散板駆動ステータス	H5T_STD_U8LE	3	6816			Data_description	Status of scatter diffuser 0 : Stop 1 : Drive	H5T_C_S1	
									TLM_info_tlmID	VN0603	H5T_C_S1	
									TLM_info_name	VNR DIF MOVE ST	H5T_C_S1	
									TLM_info_short_name	V DIF MOVE ST	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	L1A-lines	H5T_C_S1	
214	Ancillary_data/MTR_SD	Tilt_status	チルト駆動ステータス	H5T_STD_U8LE	3	6816			Data_description	Status of tilt 0 : Stop 1 : Drive	H5T_C_S1	
									TLM_info_tlmID	VN0628	H5T_C_S1	
									TLM_info_name	VNR TLT MOVE ST	H5T_C_S1	
									TLM_info_short_name	V TILT MOVE ST	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	L1A-lines	H5T_C_S1	
215		Tilt_angle	チルト角 (パルスカウント算出)	H5T_IEEE_F32LE	3	6816			Data_description	Tilt angle of VNR-PL lens telescope	H5T_C_S1	
									TLM_info_tlmID	VN0669	H5T_C_S1	
									TLM_info_name	VNR TLT PLS(ANG)	H5T_C_S1	
									TLM_info_short_name	V TLT PLS CNT(ANG)	H5T_C_S1	
									Minimum valid value	-90	H5T_IEEE_F32LE	
									Maximum valid value	90	H5T_IEEE_F32LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	L1A-lines	H5T_C_S1	
									Unit	degree	H5T_C_S1	
									216		Tilt_angle_resolver	
217	Ancillary_data/HCE_SD	HCE_temperature	HCE センサ計測温度	H5T_IEEE_F64LE	3	6816	64		Data_description	HCE sensor temperature	H5T_C_S1	
									TLM_info_tlmID	VN0345-VN0408	H5T_C_S1	
									TLM_info_name	VNR HCE CH1 TMP-VNR HCE CH1 TMP	H5T_C_S1	
									TLM_info_short_name	V HCE TMP NUM1-V HCE TMP NUM64	H5T_C_S1	
									Minimum valid value	0	H5T_IEEE_F64LE	
									Maximum valid value	-999	H5T_IEEE_F64LE	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	L1A-lines	H5T_C_S1	
									Dim2	temp1-temp64	H5T_C_S1	
									Unit	degree C	H5T_C_S1	
Converted_PCD		--	--	--	--	--	--	--	Worst_orbit_source	0	H5T_STD_U8LE	
									Worst_orbit_source_data_description	Source of orbit data(GPS_position_ECR, GPS_velocity_ECR, GPS_position_ECI, GPS_velocity_ECI, Argument_of_latitude) 0 : Realtime PCD 1 : Decision Ephemeris 2 : Prediction Ephemeris	H5T_C_S1	
									Worst_attitude_source	0	H5T_STD_U8LE	
									Worst_attitude_source_data_description	Source of attitude data(Attitude_time, Attitude_error_angle, Attitude_angular_velocity, Attitude_flag, Quaternion, Quaternion_index, Quaternion_number) 0 : Realtime PCD (Quaternion) 1 : Realtime PCD (Eular angle) 2 : Nominal	H5T_C_S1	
218		Navigation_time	GPS航法時刻[GPS]	H5T_IEEE_F64LE	354	--	--	--	Data_description	GPS navigation time	H5T_C_S1	
									Epoch_time	19800106 00:00:00	H5T_C_S1	
									Dim0	orbit records (1Hz)	H5T_C_S1	
									Unit	sec	H5T_C_S1	
219		GPS_position_ECR	GPS衛星位置(WGS84座標系)	H5T_IEEE_F32LE	354	3			Data_description	GCOM-C position calculated by GPS	H5T_C_S1	
									Coordinate system	WGS84	H5T_C_S1	
									Dim0	orbit records (1Hz)	H5T_C_S1	
									Dim1	x, y, z	H5T_C_S1	
									Unit	km	H5T_C_S1	
220		GPS_velocity_ECR	GPS衛星速度(WGS84座標系)	H5T_IEEE_F32LE	354	3			Data_description	GCOM-C velocity calculated by GPS	H5T_C_S1	
									Coordinate system	WGS84	H5T_C_S1	
									Dim0	orbit records (1Hz)	H5T_C_S1	
									Dim1	Vx, Vy, Vz	H5T_C_S1	
									Unit	km/s	H5T_C_S1	
221		GPS_position_ECI	GPS衛星位置(J2000座標系)	H5T_IEEE_F32LE	354	3			Data_description	GCOM-C position calculated by GPS	H5T_C_S1	
									Coordinate system	J2000	H5T_C_S1	
									Dim0	orbit records (1Hz)	H5T_C_S1	
									Dim1	x, y, z	H5T_C_S1	
									Unit	km	H5T_C_S1	
222		GPS_velocity_ECI	GPS衛星速度(J2000座標系)	H5T_IEEE_F32LE	354	3			Data_description	GCOM-C velocity calculated by GPS	H5T_C_S1	
									Coordinate system	J2000	H5T_C_S1	
									Dim0	orbit records (1Hz)	H5T_C_S1	
									Dim1	Vx, Vy, Vz	H5T_C_S1	
									Unit	km/s	H5T_C_S1	
223		Argument_of_latitude	緯度引数(WGS84座標系)[真緯度引数]	H5T_IEEE_F32LE	354				Data_description	Argument of latitude (true anomaly)	H5T_C_S1	
									Coordinate system	WGS84	H5T_C_S1	
									Dim0	orbit records (1Hz)	H5T_C_S1	
								Unit	degree	H5T_C_S1		

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考										
224		Navigation_status	航法ステータス	H5T_STD_U32LE	354				Data description	Navigation status	H5T_C_S1											
									Bit00(LSB)-01	navigation status 00 : Stop 01 : AG filter 10 : Kalman filter 11 : Kalman filter (Convergence)	H5T_C_S1											
									Bit02-07	spare	H5T_C_S1											
									Bit08-09	antenna (CH1) 00 : Not use 01 : GPSR-A 10 : GPSR-B 11 : N/A	H5T_C_S1											
									Bit10-11	antenna (CH2) 00 : Not use 01 : GPSR-A 10 : GPSR-B 11 : N/A	H5T_C_S1											
									Bit12-13	antenna (CH3) 00 : Not use 01 : GPSR-A 10 : GPSR-B 11 : N/A	H5T_C_S1											
									Bit14-15	antenna (CH4) 00 : Not use 01 : GPSR-A 10 : GPSR-B 11 : N/A	H5T_C_S1											
									Bit16-17	antenna (CH5) 00 : Not use 01 : GPSR-A 10 : GPSR-B 11 : N/A	H5T_C_S1											
									Bit18-19	antenna (CH6) 00 : Not use 01 : GPSR-A 10 : GPSR-B 11 : N/A	H5T_C_S1											
									Bit20-21	antenna (CH7) 00 : Not use 01 : GPSR-A 10 : GPSR-B 11 : N/A	H5T_C_S1											
225		Attitude_time	姿勢決定時刻 [GPS]	H5T_IEEE_F64LE	354				Bit22-23	antenna (CH8) 00 : Not use 01 : GPSR-A 10 : GPSR-B 11 : N/A	H5T_C_S1											
									Bit24-31 (MSB)	spare	H5T_C_S1											
									Dim0	Realtime PCD records (1Hz)	H5T_C_S1											
									Data description	Time when attitude determined	H5T_C_S1											
									Epoch time	19800106 00:00:00	H5T_C_S1											
									Dim0	attitude records (1Hz)	H5T_C_S1											
									Unit	sec	H5T_C_S1											
									226		Attitude_error_angle		姿勢誤差 [軌道面座標系]	H5T_IEEE_F32LE	354	3			Data description	Attitude error	H5T_C_S1	
																			Dim0	attitude records (1Hz)	H5T_C_S1	
																			Dim1	Roll, Pitch, Yaw	H5T_C_S1	
227		Attitude_angular_velocity	姿勢角速度 [軌道面座標系]	H5T_IEEE_F32LE	354	3			Unit	degree	H5T_C_S1											
									Data description	Attitude angular velocity	H5T_C_S1											
									Dim0	attitude records (1Hz)	H5T_C_S1											
228		Attitude_flag	姿勢フラグ	H5T_STD_U8LE	354				Dim1	Roll, Pitch, Yaw	H5T_C_S1											
									Unit	degree/sec	H5T_C_S1											
									Data description	Quaternion usable / unusable flag 0 : ESA/IRU (quaternion unusable) 1 : STT/IRU (quaternion usable) 255 : Error value	H5T_C_S1											
229		Quaternion	クォータニオン	H5T_IEEE_F32LE	354	11	4		Dim0	attitude records (1Hz)	H5T_C_S1											
									Data description	Quaternion(9-11 data per sec)	H5T_C_S1											
									Error value	-999.99	H5T_IEEE_F32LE											
									Dim0	attitude records (1Hz)	H5T_C_S1											
230		Quaternion_index	姿勢決定時刻インデックス	H5T_STD_U8LE	354				Dim1	Maximum number of quaternions (unusable area is stored with indefinite value)	H5T_C_S1											
									Dim2	q1, q2, q3, q4 (scalar)	H5T_C_S1											
									Data description	Quaternion index (0-10) corresponds to "Att_time"	H5T_C_S1											
									Error value	255	H5T_STD_U8LE											
									Minimum valid value	0	H5T_STD_U8LE											
									Maximum valid value	10	H5T_STD_U8LE											
									Dim0	attitude records (1Hz)	H5T_C_S1											

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考																			
231		Quaternion_number	クォータニオンの有効数	H5T_STD_U8LE	354				Data_description	Available number of quaternion	H5T_C_S1																				
									Error_value	255	H5T_STD_U8LE																				
									Minimum_valid_value	9	H5T_STD_U8LE																				
									Maximum_valid_value	11	H5T_STD_U8LE																				
									Dim0	attitude records (1Hz)	H5T_C_S1																				
232		AOCS_mode	AOCS制御モード	H5T_STD_U8LE	354				Data_description	AOCS(Attitude and Orbit Control System) control mode	H5T_C_S1																				
									Bit00(LSB)-07	Control Mode / Control Sub Mode 01110000 : Normal control / Not execute unloading 01110001 : Normal control / Execute magnetic unloading 01110010 : Normal control / Execute thruster unloading 10000000 : Orbit control / Attitude control thruster Delta-V (pitch and yaw-failure) 10000001 : Orbit control / Orbit control thruster (normal) 10000010 : Orbit control / Orbit control thruster Delta-V (pitch-failure) 10000011 : Orbit control / Orbit control thruster Delta-V (yaw-failure) 10000100 : Orbit control / Attitude control thruster(Three axis stabilized attitude control) 10000101 : Orbit control / Delta-V Idling 10000110 : Orbit control / Yaw around (first half) 10000111 : Orbit control / Yaw around (last half) 10010000 : Calibration Maneuver / Solar calibration or Gain deviation maneuver(First maneuver) 10010001 : Calibration Maneuver / Solar calibration or Gain deviation maneuver(Second maneuver) 10010010 : Calibration Maneuver / Solar calibration or Gain deviation maneuver(Third maneuver) 10010011 : Calibration Maneuver / Lunar calibration maneuver(First maneuver) 10010100 : Calibration Maneuver / Lunar calibration maneuver(Second maneuver) 10010101 : Calibration Maneuver / Lunar calibration maneuver(Third maneuver) Others : Not defined	H5T_C_S1																				
									Error_value	255	H5T_C_S1																				
									Dim0	Realtime PCD records (1Hz)	H5T_C_S1																				
									233		Orbit_source		軌道データの源泉種別	H5T_STD_U8LE	354				Data_description	Source of orbit data(GPS_position_ECR,GPS_velocity_ECR,GPS_position_ECI,GPS_velocity_ECI,Argument_of_latitude) 0 : Realtime PCD 1 : Decision Ephemeris 2 : Prediction Ephemeris	H5T_C_S1										
																			Dim0	orbit records (1Hz)	H5T_C_S1										
																			234		Attitude_source		姿勢データの源泉種別	H5T_STD_U8LE	354				Data_description	Source of attitude data(Attitude_time,Attitude_error_angle,Attitude_angular_velocity,Attitude_flag,Quaternion,Quaternion_index,Quaternion_number) 0 : Realtime PCD (Quaternion) 1 : Realtime PCD (Eular angle) 2 : Nominal	H5T_C_S1
																													Dim0	attitude records (1Hz)	H5T_C_S1
																													235	Data_quality_flag	Qf_scan
									Dim0	VN01(S06), VN02(S05), VN03(S07), VN04(S04), VN05(S08), VN06(S03), VN07(S02), VN08(S09), VN09(S11), VN10(S01), VN11(S10)	H5T_C_S1																				
Dim1	LIB-lines	H5T_C_S1																													
Bit00(LSB)-002	Quality flag 000 : Normal line 001 : Lack line 011 : Lack line (1km/500m->250m or 1km->500m) 100 : Lack line (for calibration) 101 : Lack line (for synchronization between sensors) 010 : Resampling line (250m->1km/500m) 110 : Resampling line (500m->1km) 111 : Mixed line (000,001,011,100,101,010,110)	H5T_C_S1																													
236		Qf_data	データ品質フラグ	H5T_STD_U16LE	7416	5000			Data_description	Quality flag of each pixel	H5T_C_S1																				
									Bit00(LSB)-Bit10	Stray-light quantity flag 0-10: VN01(S06), VN02(S05), VN03(S07), VN04(S04), VN05(S08), VN06(S03), VN07(S02), VN08(S09), VN09(S11), VN10(S01), VN11(S10) 0 : Less than threshold	H5T_C_S1																				
									Bit11-Bit14	Altitude effect to stray-light correction VN04, VN06, VN07, VN10 0 : Not affect 1 : Affect	H5T_C_S1																				
									Reference_band	VN10->VN11, VN08->VN05, VN07->VN08, VN06->VN05, VN04->VN05->VN03, VN02->VN03->VN01	H5T_C_S1																				
									Dim0	LIB-lines	H5T_C_S1																				
Dim1	LIB-pixels	H5T_C_S1																													

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
237		Qf_data_stray	迷光補正量	H5T_STD_U8LE	7416	5000			Data_description	delta_L: The amount of stray light correction for the representative channel. delta_L = Ltrue - Lobs, where Ltrue is the stray light corrected radiance, Lobs is the observed radiance respectively. Band_weighted_TOA_solar_irradiance, F0/D^2; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Band_width	20.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	868.5	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	956.2323	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m^2/um	H5T_C_S1	
									Error_DN	255	H5T_STD_U8LE	
									Maximum_valid_DN	254	H5T_STD_U8LE	
									Minimum_valid_DN	0	H5T_STD_U8LE	
									Saturation_radiance	40.7	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m^2/um/sr	H5T_C_S1	
									Spatial_resolution	250	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	LIB-lines	H5T_C_S1	
									Dim1	LIB-pixels	H5T_C_S1	
									Unit	W/m^2/um/sr	H5T_C_S1	
									Slope	0.00271029	H5T_IEEE_F32LE	
									Offset	-3.7	H5T_IEEE_F32LE	
									Channel	VN10	H5T_C_S1	
238		Qf_GPS	GPSの受信状況	H5T_STD_U8LE	354				Data_description	Quality flag of GPS 0 : GPS time standard 1 : DMS time standard 255 : Error value	H5T_C_S1	
									Dim0	orbit records (1Hz)	H5T_C_S1	
239		Qf_sc_position	衛星の位置の品質フラグ	H5T_STD_U8LE	354				Data_description	Quality flag of GCOM-C position 0 : Normal 1 : Satellite position value falls outside the normal range(or Error value)	H5T_C_S1	
									Dim0	orbit records (1Hz)	H5T_C_S1	
240		Qf_sc_velocity	衛星の速度の品質フラグ	H5T_STD_U8LE	354				Data_description	Quality flag of GCOM-C velocity 0 : Normal 1 : Satellite velocity value falls outside the normal range(or Error value)	H5T_C_S1	
									Dim0	orbit records (1Hz)	H5T_C_S1	
241		Qf_sc_attitude_quaternion	衛星の姿勢（クォータニオン）の品質フラグ	H5T_STD_U8LE	354				Data_description	Quality flag of GCOM-C quaternion 0 : Normal 1 : Abnormal(or Error value)	H5T_C_S1	
									Dim0	attitude records (1Hz)	H5T_C_S1	
242		Qf_sc_attitude_eular_angle	衛星の姿勢（オイラー角）の品質フラグ	H5T_STD_U8LE	354				Data_description	Quality flag of GCOM-C eular angle 0 : Normal 1 : Abnormal(or Error value)	H5T_C_S1	
									Dim0	attitude records (1Hz)	H5T_C_S1	
243		Qf_sc_status	衛星の状態を示すフラグ	H5T_STD_U8LE	354				Data_description	Quality flag of GCOM-C status 0 : Normal 1 : Possibly less accurate around maneuver or tilt	H5T_C_S1	
									Dim0	orbit records (1Hz)	H5T_C_S1	
244		Qf_sun_calibration	太陽光校正フラグ	H5T_STD_U8LE	6816				Data_description	Quality flag of Sun calibration 0 : Not Sun calibration 1 : Sun calibration 2 : Sun calibration(Solar elevation value falls outside the normal range)	H5T_C_S1	
									Dim0	LIA-lines	H5T_C_S1	
245		Qf_internal_lamp_calibration	内部光源校正フラグ	H5T_STD_U8LE	6816				Data_description	Quality flag of internal lamp calibration 0 : Not internal lamp calibration 1 : Internal lamp calibration	H5T_C_S1	
									Dim0	LIA-lines	H5T_C_S1	
246		Qf_electric_calibration	電気校正フラグ	H5T_STD_U8LE	6816				Data_description	Quality flag of electrical calibration 0 : Not electrical calibration 1 : Electrical calibration 2 : Indefinite	H5T_C_S1	
									Dim0	LIA-lines	H5T_C_S1	
247		Qf_maneuver	マヌーバ校正フラグ	H5T_STD_U8LE	6816				Data_description	Quality flag of maneuver 0 : Not maneuver 1 : Not maneuver(out of range) 11 : Maneuver(Moon, out of range) 12 : Maneuver(Moon, in of range) 13 : Maneuver(Moon, indefinite) 21 : Maneuver(Sun/Gain deviation) 22 : Maneuver(Sun/Gain deviation, indefinite) 31 : Orbit Control Mode (STT/IRU) 32 : Orbit Control Mode (STT/IRU, indefinite) 33 : Orbit Control Mode (not STT/IRU) 34 : Orbit Control Mode (not STT/IRU, indefinite) 255 : AOCs Control Mode Error value (nominal attitude)	H5T_C_S1	
									Dim0	LIA-lines	H5T_C_S1	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
248		Qf_shutter_set	積分時間不定フラグ	H5T_STD_U8LE	6816				Data_description	Quality flag of shutter set 0 : Normal 1 : indefinite	H5T_C_S1	
									Dim0	L1A-lines	H5T_C_S1	
249		Qf_tilt_angle	チルト角の品質フラグ	H5T_STD_U8LE	6816				Data_description	Quality flag of tilt angle 0 : Normal 1 : tilt angle value falls outside the normal range	H5T_C_S1	
									Dim0	L1A-lines	H5T_C_S1	
250		Qf_CCD_temperature_VN	CCD温度の品質フラグ (NP)	H5T_STD_U8LE	6816				Data_description	Quality flag of CCD temperature (VNR-NP)	H5T_C_S1	
									Bit00 (LSB)	temperature1 (Left lens telescope) 0 : Normal 1 : CCD temperature falls outside the normal range	H5T_C_S1	
									Bit01	temperature2 (Left lens telescope) 0 : Normal 1 : CCD temperature falls outside the normal range	H5T_C_S1	
									Bit02	temperature1 (Nadir lens telescope) 0 : Normal 1 : CCD temperature falls outside the normal range	H5T_C_S1	
									Bit03	temperature2 (Nadir lens telescope) 0 : Normal 1 : CCD temperature falls outside the normal range	H5T_C_S1	
									Bit04	temperature1 (Right lens telescope) 0 : Normal 1 : CCD temperature falls outside the normal range	H5T_C_S1	
									Bit05	temperature2 (Right lens telescope) 0 : Normal 1 : CCD temperature falls outside the normal range	H5T_C_S1	
251		Qf_CCD_temperature_PL	CCD温度の品質フラグ (PL)	H5T_STD_U8LE	6816				Data_description	Quality flag of CCD temperature (VNR-PL)	H5T_C_S1	
									Bit00 (LSB)	temperature1 (P1) 0 : Normal 1 : CCD temperature falls outside the normal range	H5T_C_S1	
									Bit01	temperature2 (P1) 0 : Normal 1 : CCD temperature falls outside the normal range	H5T_C_S1	
									Bit02	temperature1 (P2) 0 : Normal 1 : CCD temperature falls outside the normal range	H5T_C_S1	
									Bit03	temperature2 (P2) 0 : Normal 1 : CCD temperature falls outside the normal range	H5T_C_S1	
252		Qf_LED_temperature	LED温度の品質フラグ	H5T_STD_U8LE	6816				Data_description	Quality flag of LED	H5T_C_S1	
									Bit00 (LSB)	temperature (white LED1) 0 : Normal 1 : LED temperature falls outside the normal range	H5T_C_S1	
									Bit01	temperature (white LED2) 0 : Normal 1 : LED temperature falls outside the normal range	H5T_C_S1	
									Bit02	temperature (NIR LED1) 0 : Normal 1 : LED temperature falls outside the normal range	H5T_C_S1	
									Bit03	temperature (NIR LED2) 0 : Normal 1 : LED temperature falls outside the normal range	H5T_C_S1	
253		Qf_ASP_temperature	ASP温度の品質フラグ	H5T_STD_U8LE	6816				Data_description	Quality flag of ASP temperature	H5T_C_S1	
									Bit00 (LSB)	ASP temperature 0 : Normal 1 : ASP temperature falls outside the normal range	H5T_C_S1	
254		Qf_sun_monitor_temperature	光量モニタの品質フラグ	H5T_STD_U8LE	6816				Data_description	Quality flag of sun monitor temperature	H5T_C_S1	
									Bit00 (LSB)-Bit03	monitor1-monitor4 0 : Normal 1 : Sun monitor value falls outside the normal range	H5T_C_S1	
255		Qf_diffuser	拡散板の品質フラグ	H5T_STD_U8LE	6816				Data_description	Quality flag of scatter diffuser angle 0 : Normal 1 : Scatter diffuser angle falls outside the normal	H5T_C_S1	
									Dim0	L1A-lines	H5T_C_S1	
256		Qf_offset	オフセット値の算出フラグ 分光放射輝度算出に使用したオフセット値の品質フラグ	H5T_STD_U16LE	3	6816			Data_description	Quality flag of offset	H5T_C_S1	
									Bit00 (LSB)-Bit10	0-10: VN01 (S06), VN02 (S05), VN03 (S07), VN04 (S04), VN05 (S08), VN06 (S03), VN07 (S02), VN08 (S09), VN09 (S11), VN10 (S01), VN11 (S10) 0 : Good precision 1 : Bad precision	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	L1A-lines	H5T_C_S1	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
257		Qf_gain	ゲイン値の算出フラグ 分光放射輝度算出に使用したゲイン値の品質フラグ	H5T_STD_U16LE	3	6816			Data_description	Quality flag of gain	H5T_C_S1	
									Bit00(LSB)-Bit10	0-10: VN01 (S06), VN02 (S05), VN03 (S07), VN04 (S04), VN05 (S08), VN06 (S03), VN07 (S02), VN08 (S09), VN09 (S11), VN10 (S01), VN11 (S10) 0 : Good precision 1 : Bad precision	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
258		Saturation_num_in_line	飽和輝度値の数	H5T_STD_U16LE	11	7416			Data_description	Number of saturation data in line	H5T_C_S1	1ライン中の画素の分光放射輝度値を1画素ずつ、飽和しているか判定し、飽和している数をカウントする。 とりうる値の範囲は、 0 ~ Image_data/Number_of_pixels 飽和の判定条件： 分光放射輝度値 ≥ Lsatu Lsatu： 分光放射輝度値の飽和しきい値。 Lsatu=16381.5 * slope + offset slope : Image_data/Lt_*/slope の格納値 offset： Image data/Lt_*/offsetの格納
									Dim1	L1A-lines	H5T_C_S1	
									Dim0	VN01 (S06), VN02 (S05), VN03 (S07), VN04 (S04), VN05 (S08), VN06 (S03), VN07 (S02), VN08 (S09), VN09 (S11), VN10 (S01), VN11 (S10)	H5T_C_S1	
259	Geometry_parameter	Sensor_position	センサの視線原点の位置 [衛星固定座標系]	H5T_IEEE_F64LE	3	3			Geometry_parameter_version	0002	H5T_C_S1	
									Data_description	Sensor base position	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
260		GPSR_position	GPSR位置[衛星固定座標系]	H5T_IEEE_F64LE	2	3			Unit	mm	H5T_C_S1	
									Data_description	GPSR position	H5T_C_S1	
									Dim0	Antenna-A, Antenna-B	H5T_C_S1	
261		Sensor_alignment	取付アライメント	H5T_IEEE_F64LE	3	3	3		Data_description	Sensor alignment	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
									Dim1	Rows	H5T_C_S1	
262		Primary_change_rate	一次変化率	H5T_IEEE_F64LE	3	3			Unit	N/A	H5T_C_S1	
									Data_description	Primary change rate	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
263		Exponential_amplitude	指数項振幅	H5T_IEEE_F64LE	3	3			Unit	radian/day	H5T_C_S1	
									Data_description	Exponential term amplitude	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
264		Exponential_time_constant	指数項時定数	H5T_IEEE_F64LE	3				Unit	N/A	H5T_C_S1	
									Data_description	Exponential term time constant	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
265		Long_period	長周期(長周期バイアス変動)	H5T_IEEE_F64LE	3				Unit	day	H5T_C_S1	
									Data_description	Long round period	H5T_C_S1	
									Epoch time	20000101	H5T_C_S1	
266		Long_fourier_coef	フーリエ級数係数(長周期バイアス変動)	H5T_IEEE_F64LE	3	6	8		Unit	day	H5T_C_S1	
									Data_description	Fourier series coefficient (Long round period)	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
267		Orbit_period	軌道周期(熱歪軌道周回変動)	H5T_IEEE_F64LE	3				Unit	N/A	H5T_C_S1	
									Data_description	Orbit period	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
268		Orbit_fourier_coef	フーリエ級数係数(熱歪軌道周回変動)	H5T_IEEE_F64LE	3	6	8		Unit	min	H5T_C_S1	
									Data_description	Fourier series coefficient (Orbit period)	H5T_C_S1	
									Dim0	Left, Nadir, Right	H5T_C_S1	
269		Geo_opt_L	画素視線ベクトル要素(左鏡筒) [センサ基準座標系]	H5T_IEEE_F64LE	11	2	6		Unit	N/A	H5T_C_S1	
									Data_description	CCD sensor vector parameter (Left)	H5T_C_S1	
									Dim0	VN10 (S01), VN07 (S02), VN06 (S03), VN04 (S04), VN02 (S05), VN01 (S06), VN03 (S07), VN05 (S08), VN08 (S09), VN11 (S10), VN09 (S11)	H5T_C_S1	
									Dim1	theta-x, theta-y	H5T_C_S1	
									Dim2	A0-A5	H5T_C_S1	
									Unit	N/A	H5T_C_S1	

B

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
270		Geo_opt_N	画素視線ベクトル要素 (中央鏡筒) [センサ基準座標系]	H5T_IEEE_F64LE	11	2	6		Data_description	CCD sensor vector parameter (Nadir)	H5T_C_S1	
									Dim0	VN10 (S01), VN07 (S02), VN06 (S03), VN04 (S04), VN02 (S05), VN01 (S06), VN03 (S07), VN05 (S08), VN08 (S09), VN11 (S10), VN09 (S11)	H5T_C_S1	
									Dim1	theta-x, theta-y	H5T_C_S1	
									Dim2	A0-A5	H5T_C_S1	
									Unit	N/A	H5T_C_S1	
271		Geo_opt_R	画素視線ベクトル要素 (右鏡筒) [センサ基準座標系]	H5T_IEEE_F64LE	11	2	6		Data_description	CCD sensor vector parameter (Right)	H5T_C_S1	
									Dim0	VN10 (S01), VN07 (S02), VN06 (S03), VN04 (S04), VN02 (S05), VN01 (S06), VN03 (S07), VN05 (S08), VN08 (S09), VN11 (S10), VN09 (S11)	H5T_C_S1	
									Dim1	theta-x, theta-y	H5T_C_S1	
									Dim2	A0-A5	H5T_C_S1	
									Unit	N/A	H5T_C_S1	
272	Earth_rotation_parameter	Polar_motion	極運動パラメータ	H5T_IEEE_F64LE	2			Data_description	Polar motion parameter	H5T_C_S1		
								Dim0	dx, dy	H5T_C_S1		
								Unit	sec of arc	H5T_C_S1		
273		UT1-UTC	UT1-UTCの差	H5T_IEEE_F32LE	1			Data_description	UT1-UTC	H5T_C_S1		
274		Precession_nutation	歳差/章動パラメータ	H5T_IEEE_F64LE	2			Data_description	Precession and nutation parameter	H5T_C_S1		
								Dim0	dpsi, deps	H5T_C_S1		
								Unit	msec of arc	H5T_C_S1		
275	Extended_area	Stray_sign_flag_1km	1km迷光量符号フラグ	H5T_STD_U16LE	1854	1250		Data_description	Resampled stray sign flag. Set 1 When the line is lack.	H5T_C_S1		
								Bit00 (LSB)	VN01 0 : Sign of stray light quantity is positive (or zero)	H5T_C_S1		
								Bit01	VN02 0 : Sign of stray light quantity is positive (or zero) 1 : Sign of stray light quantity is negative	H5T_C_S1		
								Bit02	VN03 0 : Sign of stray light quantity is positive (or zero) 1 : Sign of stray light quantity is negative	H5T_C_S1		
								Bit03	VN04 0 : Sign of stray light quantity is positive (or zero) 1 : Sign of stray light quantity is negative	H5T_C_S1		
								Bit04	VN05 0 : Sign of stray light quantity is positive (or zero) 1 : Sign of stray light quantity is negative	H5T_C_S1		
								Bit05	VN06 0 : Sign of stray light quantity is positive (or zero) 1 : Sign of stray light quantity is negative	H5T_C_S1		
								Bit06	VN07 0 : Sign of stray light quantity is positive (or zero) 1 : Sign of stray light quantity is negative	H5T_C_S1		
								Bit07	VN08 0 : Sign of stray light quantity is positive (or zero) 1 : Sign of stray light quantity is negative	H5T_C_S1		
								Bit08	VN09 0 : Sign of stray light quantity is positive (or zero) 1 : Sign of stray light quantity is negative	H5T_C_S1		
								Bit09	VN10 0 : Sign of stray light quantity is positive (or zero) 1 : Sign of stray light quantity is negative	H5T_C_S1		
								Bit10	VN11 0 : Sign of stray light quantity is positive (or zero) 1 : Sign of stray light quantity is negative	H5T_C_S1		
							Dim1	L1B-pixels(1km)	H5T_C_S1			

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考							
	Global_attributes								Product_file_name	GCISG1_201305201801_12302_1BSG_POLDK_1001.h5	H5T_C_S1								
									Mission_characteristics	Nominal orbit: inclination = 98.6 (Sun-Synchronous); node = 10:15-10:45 AM (descending); eccentricity < 0.0012; altitude = 798km; ground speed = 6.6km/sec; revolutions per day = 14+9/34	H5T_C_S1								
									Sensor	Second-generation Global Imager (SGLI)	H5T_C_S1								
									Product_version	0002	H5T_C_S1								
									Algorithm_developer	Japan Aerospace Exploration Agency (JAXA)	H5T_C_S1								
									Dataset_description	Top of atmosphere radiance (reflectance) at PL01-PL02	H5T_C_S1								
									Product_name	Top of atmosphere radiance (reflectance)	H5T_C_S1								
									Algorithm_version	0.10	H5T_C_S1								
									Parameter_version	002.00	H5T_C_S1								
									Satellite	Global Change Observation Mission - Climate (GCOM-C)	H5T_C_S1								
									Product_level	Level-1B	H5T_C_S1								
									Scene_start_time	20030320 23:28:39.823	H5T_C_S1								
									Scene_end_time	20030320 23:32:49.287	H5T_C_S1								
									Scene_center_time	20030320 23:30:44.555	H5T_C_S1								
									Scene_start_index	3356	H5T_STD_I32LE								
									Scene_end_index	5211	H5T_STD_I32LE								
									Ascending_node_crossing_time	20030320 23:42:23.000	H5T_C_S1								
									Total_orbit_number	12345	H5T_STD_I32LE								
									RSP_path_number	123	H5T_STD_I32LE								
									Scene_number	2	H5T_STD_I32LE								
									Orbit_direction	Ascending	H5T_C_S1								
									Maneuver_status	Include	H5T_C_S1								
									Start_argument_of_latitude	1	H5T_IEEE_F32LE								
									End_argument_of_latitude	15	H5T_IEEE_F32LE								
									Lines_per_scan	1, 1, 1, 1, 1, 1	H5T_STD_I32LE_[6]								
									Stored_channels	PL01(+60), PL01(0), PL01(-60), PL02(+60), PL02(0), PL02(-60)	H5T_C_S1								
									Missing_lines	0, 0, 0, 0, 0, 0	H5T_STD_I32LE_[6]								
									Missing_lines_rate	0.0, 0.0, 0.0, 0.0, 0.0, 0.0	H5T_IEEE_F32LE_[6]								
									Saturated_pixels_rate	0.0, 0.0, 0.0, 0.0, 0.0, 0.0	H5T_IEEE_F32LE_[6]	飽和ピクセル率の算出方式はVNR-NPと同様。分光放射輝度値の飽和しきい値は、バンドごとの処理パラメータ							
									Abnormal_positions_rate	0.0	H5T_IEEE_F32LE								
									Abnormal_velocities_rate	0.0	H5T_IEEE_F32LE								
									Abnormal_attitudes_rate	0.0	H5T_IEEE_F32LE								
									Representative_channel	PL01(-60)	H5T_C_S1								
									Geometric_information_error_rate	0.0, 0.0, 0.0, 0.0, 0.0, 0.0	H5T_IEEE_F32LE_[6]								
									Stray_light_corrected_pixels_rate	0.0, 0.0, 0.0, 0.0, 0.0, 0.0	H5T_IEEE_F32LE_[6]								
									Radiance_error_pixels_rate	0.0, 0.0, 0.0, 0.0, 0.0, 0.0	H5T_IEEE_F32LE_[6]								
									Stripe_correction	1, 1, 1, 1, 1, 1	H5T_STD_U32LE_[6]	縞除去実施有無 1: 実施 0: 実施せず							
									LIB_line_sample_interval	dt=147.1734msec (1km)	H5T_C_S1								
									Orbital_period	6057sec	H5T_C_S1								
									Individual_quality_info	GGGGGGGGGGGGGGGGGGGG	H5T_C_S1	G: Good P: Poor F: Fair N: NG							
									Quality_judge_line	0	H5T_STD_I32LE								
Contact_point	JAXA/GCOM project team	H5T_C_S1																	
Input_files		H5T_C_S1	L1Aプロダクトを入力とした再処理プロダクトの場合には、L1Aプロダクト名が格納される。																
Processing_UT	20120813 01:30:35	H5T_C_S1																	
Processing_result	Good	H5T_C_S1																	
Processing_result_description	Good, Fair, Poor, NG	H5T_C_S1																	
Processing_organization	JAXA/GCOM-C project	H5T_C_S1																	
Number_of_lines	27680	H5T_STD_I32LE																	
Number_of_pixels	1000	H5T_STD_I32LE																	
Image_projection	LIB reference grid	H5T_C_S1																	
Grid_interval	1000	H5T_IEEE_F32LE																	
Grid_interval_unit	meter	H5T_C_S1																	
Latitude_unit	degree North	H5T_C_S1																	
Longitude_unit	degree East	H5T_C_S1																	
Upper_left_longitude	-54.7393	H5T_IEEE_F32LE																	
Upper_left_latitude	76.5564	H5T_IEEE_F32LE																	
Upper_right_longitude	-98.6684	H5T_IEEE_F32LE																	
Upper_right_latitude	69.316	H5T_IEEE_F32LE																	
Lower_left_longitude	-13.2125	H5T_IEEE_F32LE																	
Lower_left_latitude	-69.8772	H5T_IEEE_F32LE																	
Lower_right_longitude	-61.0351	H5T_IEEE_F32LE																	
Lower_right_latitude	-77.8127	H5T_IEEE_F32LE																	
1	ECR_position_P1_m60	格子点衛星位置(ECR) (P1)-60	H5T_IEEE_F64LE	27680	3	3		Data_description	ECR position at sampling column addresses of 50, 500, and 950 with respect to P01 -60	H5T_C_S1									
								Unit	km	H5T_C_S1									
								Resampling_interval	1	H5T_STD_I32LE									
								Resampling_interval_unit	pixel(line)	H5T_C_S1									
								Dim0	Line grids	H5T_C_S1									
								Dim1	Sampling column address	H5T_C_S1									
								Dim2	XYZ	H5T_C_S1									
								Minimum_valid_value	-7200	H5T_IEEE_F64LE									
								Maximum_valid_value	7200	H5T_IEEE_F64LE									
								Error_value	-9999	H5T_IEEE_F64LE									
								2	ECR_position_P2_m60	格子点衛星位置(ECR) (P2)-60	H5T_IEEE_F64LE	27680	3	3		Data_description	ECR position at sampling column addresses of 50, 500, and 950 with respect to P02 -60	H5T_C_S1	
																Unit	km	H5T_C_S1	
																Resampling_interval	1	H5T_STD_I32LE	
																Resampling_interval_unit	pixel(line)	H5T_C_S1	
																Dim0	Line grids	H5T_C_S1	
																Dim1	Sampling column address	H5T_C_S1	
Dim2	XYZ	H5T_C_S1																	
Minimum_valid_value	-7200	H5T_IEEE_F64LE																	
Maximum_valid_value	7200	H5T_IEEE_F64LE																	
Error_value	-9999	H5T_IEEE_F64LE																	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
3		ECR_position_P1_0	格子点衛星位置(ECR)(P1)0	H5T_IEEE_F64LE	27680	3	3	Data_description	ECR position at sampling column addresses of 50, 500, and 950 with respect to P01 +/-0	H5T_C_S1		
								Unit	km	H5T_C_S1		
								Resampling_interval	1	H5T_STD_I32LE		
								Resampling_interval_unit	pixel(line)	H5T_C_S1		
								Dim0	Line grids	H5T_C_S1		
								Dim1	Sampling column address	H5T_C_S1		
								Dim2	XYZ	H5T_C_S1		
								Minimum_valid_value	-7200	H5T_IEEE_F64LE		
								Maximum_valid_value	7200	H5T_IEEE_F64LE		
								Error_value	-9999	H5T_IEEE_F64LE		
								Data_description	ECR position at sampling column addresses of 50, 500, and 950 with respect to P02 +/-0	H5T_C_S1		
								Unit	km	H5T_C_S1		
								Resampling_interval	1	H5T_STD_I32LE		
Resampling_interval_unit	pixel(line)	H5T_C_S1										
Dim0	Line grids	H5T_C_S1										
Dim1	Sampling column address	H5T_C_S1										
Dim2	XYZ	H5T_C_S1										
Minimum_valid_value	-7200	H5T_IEEE_F64LE										
Maximum_valid_value	7200	H5T_IEEE_F64LE										
Error_value	-9999	H5T_IEEE_F64LE										
5		ECR_position_P1_p60	格子点衛星位置(ECR)(P1)+60	H5T_IEEE_F64LE	27680	3	3	Data_description	ECR position at sampling column addresses of 50, 500, and 950 with respect to P01 +60	H5T_C_S1		
								Unit	km	H5T_C_S1		
								Resampling_interval	1	H5T_STD_I32LE		
								Resampling_interval_unit	pixel(line)	H5T_C_S1		
								Dim0	Line grids	H5T_C_S1		
								Dim1	Sampling column address	H5T_C_S1		
								Dim2	XYZ	H5T_C_S1		
								Minimum_valid_value	-7200	H5T_IEEE_F64LE		
								Maximum_valid_value	7200	H5T_IEEE_F64LE		
								Error_value	-9999	H5T_IEEE_F64LE		
								Data_description	ECR position at sampling column addresses of 50, 500, and 950 with respect to P02 +60	H5T_C_S1		
								Unit	km	H5T_C_S1		
								Resampling_interval	1	H5T_STD_I32LE		
Resampling_interval_unit	pixel(line)	H5T_C_S1										
Dim0	Line grids	H5T_C_S1										
Dim1	Sampling column address	H5T_C_S1										
Dim2	XYZ	H5T_C_S1										
Minimum_valid_value	-7200	H5T_IEEE_F64LE										
Maximum_valid_value	7200	H5T_IEEE_F64LE										
Error_value	-9999	H5T_IEEE_F64LE										
6		ECR_position_P2_p60	格子点衛星位置(ECR)(P2)+60	H5T_IEEE_F64LE	27680	3	3	Data_description	ECR position at sampling column addresses of 50, 500, and 950 with respect to P02 +60	H5T_C_S1		
								Unit	km	H5T_C_S1		
								Resampling_interval	1	H5T_STD_I32LE		
								Resampling_interval_unit	pixel(line)	H5T_C_S1		
								Dim0	Line grids	H5T_C_S1		
								Dim1	Sampling column address	H5T_C_S1		
								Dim2	XYZ	H5T_C_S1		
								Minimum_valid_value	-7200	H5T_IEEE_F64LE		
								Maximum_valid_value	7200	H5T_IEEE_F64LE		
								Error_value	-9999	H5T_IEEE_F64LE		
								Data_description	Latitude (degree)	H5T_C_S1		
								Unit	degree	H5T_C_S1		
								Slope	1	H5T_IEEE_F32LE		
Offset	0	H5T_IEEE_F32LE										
Resampling_interval	1	H5T_STD_I32LE										
Resampling_interval_unit	pixel	H5T_C_S1										
Dim0	Line grids	H5T_C_S1										
Dim1	Pixel grids	H5T_C_S1										
Minimum_valid_value	-90	H5T_IEEE_F32LE										
Maximum_valid_value	90	H5T_IEEE_F32LE										
Error_value	-999	H5T_IEEE_F32LE										
8		Longitude	格子点経度	H5T_IEEE_F32LE	27680	1000	Data_description	Longitude (degree)	H5T_C_S1			
							Minimum_valid_value < value <= Maximum_valid_value					
							Unit	degree	H5T_C_S1			
							Slope	1	H5T_IEEE_F32LE			
							Offset	0	H5T_IEEE_F32LE			
							Resampling_interval	1	H5T_STD_I32LE			
							Resampling_interval_unit	pixel	H5T_C_S1			
							Dim0	Line grids	H5T_C_S1			
							Dim1	Pixel grids	H5T_C_S1			
							Minimum_valid_value	-180	H5T_IEEE_F32LE			
							Maximum_valid_value	180	H5T_IEEE_F32LE			
							Error_value	-999	H5T_IEEE_F32LE			
							Data_description	Coordinates transformation matrix from OPT to ECR at sampling column addresses of 50, 500, and 950 with respect to P01 -60	H5T_C_S1			
Unit	N/A	H5T_C_S1										
Resampling_interval	1	H5T_STD_I32LE										
Resampling_interval_unit	pixel(line)	H5T_C_S1										
Minimum_valid_value	-1	H5T_IEEE_F64LE										
Maximum_valid_value	1	H5T_IEEE_F64LE										
Error_value	-999	H5T_IEEE_F64LE										
Dim0	Line grids	H5T_C_S1										
Dim1	Sampling column address	H5T_C_S1										
Dim2	elements of 3x3 matrix (line x column)	H5T_C_S1										
10		Matrix_OPT_to_ECR_P2_m60	格子点座標変換行列 (OPT座標→ECR座標)(P2)-60	H5T_IEEE_F64LE	27680	3	9	Data_description	Coordinates transformation matrix from OPT to ECR at sampling column addresses of 50, 500, and 950 with respect to P02 -60	H5T_C_S1		
								Unit	N/A	H5T_C_S1		
								Resampling_interval	1	H5T_STD_I32LE		
								Resampling_interval_unit	pixel(line)	H5T_C_S1		
								Minimum_valid_value	-1	H5T_IEEE_F64LE		
								Maximum_valid_value	1	H5T_IEEE_F64LE		
								Error_value	-999	H5T_IEEE_F64LE		
								Dim0	Line grids	H5T_C_S1		
								Dim1	Sampling column address	H5T_C_S1		
								Dim2	elements of 3x3 matrix (line x column)	H5T_C_S1		
								Unit	N/A	H5T_C_S1		
								Resampling_interval	1	H5T_STD_I32LE		
								Resampling_interval_unit	pixel(line)	H5T_C_S1		
Minimum_valid_value	-1	H5T_IEEE_F64LE										
Maximum_valid_value	1	H5T_IEEE_F64LE										
Error_value	-999	H5T_IEEE_F64LE										
Dim0	Line grids	H5T_C_S1										
Dim1	Sampling column address	H5T_C_S1										
Dim2	elements of 3x3 matrix (line x column)	H5T_C_S1										

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考								
11		Matrix_OPT_to_ECR_P1_0	格子点座標変換行列 (OPT座標→ECR座標) (P1)0	H5T_IEEE_F64LE	27680	3	9	Data_description	Coordinates transformation matrix from OPT to ECR at sampling column addresses of 50, 500, and 950 with respect to P01 +/-0	H5T_C_S1										
								Unit	N/A	H5T_C_S1										
								Resampling_interval	1	H5T_STD_I32LE										
								Resampling_interval_unit	pixel(line)	H5T_C_S1										
								Minimum_valid_value	-1	H5T_IEEE_F64LE										
								Maximum_valid_value	1	H5T_IEEE_F64LE										
								Error_value	-999	H5T_IEEE_F64LE										
								Dim0	Line grids	H5T_C_S1										
								Dim1	Sampling column address	H5T_C_S1										
								Dim2	elements of 3x3 matrix (line x column)	H5T_C_S1										
								12		Matrix_OPT_to_ECR_P2_0		格子点座標変換行列 (OPT座標→ECR座標) (P2)0	H5T_IEEE_F64LE	27680	3	9	Data_description	Coordinates transformation matrix from OPT to ECR at sampling column addresses of 50, 500, and 950 with respect to P02 +/-0	H5T_C_S1	
																	Unit	N/A	H5T_C_S1	
																	Resampling_interval	1	H5T_STD_I32LE	
																	Resampling_interval_unit	pixel(line)	H5T_C_S1	
Minimum_valid_value	-1	H5T_IEEE_F64LE																		
Maximum_valid_value	1	H5T_IEEE_F64LE																		
Error_value	-999	H5T_IEEE_F64LE																		
Dim0	Line grids	H5T_C_S1																		
Dim1	Sampling column address	H5T_C_S1																		
Dim2	elements of 3x3 matrix (line x column)	H5T_C_S1																		
13		Matrix_OPT_to_ECR_P1_p60	格子点座標変換行列 (OPT座標→ECR座標) (P1)+60	H5T_IEEE_F64LE	27680	3	9				Data_description						Coordinates transformation matrix from OPT to ECR at sampling column addresses of 50, 500, and 950 with respect to P01 +60	H5T_C_S1		
											Unit						N/A	H5T_C_S1		
											Resampling_interval_unit						pixel(line)	H5T_C_S1		
											Resampling_interval						1	H5T_STD_I32LE		
								Minimum_valid_value	-1	H5T_IEEE_F64LE										
								Maximum_valid_value	1	H5T_IEEE_F64LE										
								Error_value	-999	H5T_IEEE_F64LE										
								Dim0	Line grids	H5T_C_S1										
								Dim1	Sampling column address	H5T_C_S1										
								Dim2	elements of 3x3 matrix (line x column)	H5T_C_S1										
								14		Matrix_OPT_to_ECR_P2_p60	格子点座標変換行列 (OPT座標→ECR座標) (P2)+60	H5T_IEEE_F64LE	27680	3	9	Data_description	Coordinates transformation matrix from OPT to ECR at sampling column addresses of 50, 500, and 950 with respect to P02 +60	H5T_C_S1		
																Unit	N/A	H5T_C_S1		
																Resampling_interval	1	H5T_STD_I32LE		
																Resampling_interval_unit	pixel(line)	H5T_C_S1		
Minimum_valid_value	-1	H5T_IEEE_F64LE																		
Maximum_valid_value	1	H5T_IEEE_F64LE																		
Error_value	-999	H5T_IEEE_F64LE																		
Dim0	Line grids	H5T_C_S1																		
Dim1	Sampling column address	H5T_C_S1																		
Dim2	elements of 3x3 matrix (line x column)	H5T_C_S1																		
15	Obs_time	格子点観測時刻	H5T_STD_I16LE	27680	1000	Data_description	Observation time (hour)									H5T_C_S1	UTC時系でその日の始まり(グレゴリオID)の観測開始年月日00時00分00秒)からの経過時間。			
						Unit	hour									H5T_C_S1				
						Slope	0.001									H5T_IEEE_F32LE				
						Offset	0									H5T_IEEE_F32LE				
						Resampling_interval	1	H5T_STD_I32LE												
						Resampling_interval_unit	pixel	H5T_C_S1												
						Dim0	Line grids	H5T_C_S1												
						Dim1	Pixel grids	H5T_C_S1												
						Minimum_valid_DN	-32767	H5T_STD_I16LE												
						Maximum_valid_DN	32767	H5T_STD_I16LE												
						Error_DN	-32768	H5T_STD_I16LE												
						16	Obs_time_P1_m60	格子点観測時刻(P1)-60	H5T_STD_I16LE	27680	1000	Data_description	Observation time of P101	H5T_C_S1	UTC時系でその日の始まり(グレゴリオID)の観測開始年月日00時00分00秒)からの経過時間。					
												Unit	hour	H5T_C_S1						
												Slope	0.001	H5T_IEEE_F32LE						
Offset	0	H5T_IEEE_F32LE																		
Resampling_interval	1	H5T_STD_I32LE																		
Resampling_interval_unit	pixel	H5T_C_S1																		
Dim0	Line grids	H5T_C_S1																		
Dim1	Pixel grids	H5T_C_S1																		
Minimum_valid_DN	-32767	H5T_STD_I16LE																		
Maximum_valid_DN	32767	H5T_STD_I16LE																		
Error_DN	-32768	H5T_STD_I16LE																		
17	Obs_time_P2_m60	格子点観測時刻(P2)-60	H5T_STD_I16LE	27680	1000							Data_description	Observation time of P102	H5T_C_S1		UTC時系でその日の始まり(グレゴリオID)の観測開始年月日00時00分00秒)からの経過時間。				
												Unit	hour	H5T_C_S1						
												Slope	0.001	H5T_IEEE_F32LE						
						Offset	0	H5T_IEEE_F32LE												
						Resampling_interval	1	H5T_STD_I32LE												
						Resampling_interval_unit	pixel	H5T_C_S1												
						Dim0	Line grids	H5T_C_S1												
						Dim1	Pixel grids	H5T_C_S1												
						Minimum_valid_DN	-32767	H5T_STD_I16LE												
						Maximum_valid_DN	32767	H5T_STD_I16LE												
						Error_DN	-32768	H5T_STD_I16LE												
						18	Obs_time_P1_0	格子点観測時刻(P1)0	H5T_STD_I16LE	27680	1000	Data_description	Observation time of P001	H5T_C_S1	UTC時系でその日の始まり(グレゴリオID)の観測開始年月日00時00分00秒)からの経過時間。					
												Unit	hour	H5T_C_S1						
												Slope	0.001	H5T_IEEE_F32LE						
Offset	0	H5T_IEEE_F32LE																		
Resampling_interval	1	H5T_STD_I32LE																		
Resampling_interval_unit	pixel	H5T_C_S1																		
Dim0	Line grids	H5T_C_S1																		
Dim1	Pixel grids	H5T_C_S1																		
Minimum_valid_DN	-32767	H5T_STD_I16LE																		
Maximum_valid_DN	32767	H5T_STD_I16LE																		
Error_DN	-32768	H5T_STD_I16LE																		

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
19		Obs_time_P2_0	格子点観測時刻(P2)0	H5T_STD_I16LE	27680	1000			Data_description	Observation time of P002	H5T_C_S1	UTC時系でその日の始まり(グラニューールID)の観測開始年月日00時00分00秒)からの経過時間。
									Unit	hour	H5T_C_S1	
									Slope	0.001	H5T_IEEE_F32LE	
									Offset	0	H5T_IEEE_F32LE	
									Resampling_interval	1	H5T_STD_I32LE	
									Resampling_interval_unit	pixel	H5T_C_S1	
									Dim0	Line grids	H5T_C_S1	
									Dim1	Pixel grids	H5T_C_S1	
									Minimum_valid_DN	-32767	H5T_STD_I16LE	
									Maximum_valid_DN	32767	H5T_STD_I16LE	
									Error_DN	-32768	H5T_STD_I16LE	
									20		Obs_time_P1_p60	
Unit	hour	H5T_C_S1										
Slope	0.001	H5T_IEEE_F32LE										
Offset	0	H5T_IEEE_F32LE										
Resampling_interval	1	H5T_STD_I32LE										
Resampling_interval_unit	pixel	H5T_C_S1										
Dim0	Line grids	H5T_C_S1										
Dim1	Pixel grids	H5T_C_S1										
Minimum_valid_DN	-32767	H5T_STD_I16LE										
Maximum_valid_DN	32767	H5T_STD_I16LE										
Error_DN	-32768	H5T_STD_I16LE										
21		Obs_time_P2_p60	格子点観測時刻(P2)+60	H5T_STD_I16LE	27680	1000						Data_description
									Unit	hour	H5T_C_S1	
									Slope	0.001	H5T_IEEE_F32LE	
									Offset	0	H5T_IEEE_F32LE	
									Resampling_interval	1	H5T_STD_I32LE	
									Resampling_interval_unit	pixel	H5T_C_S1	
									Dim0	Line grids	H5T_C_S1	
									Dim1	Pixel grids	H5T_C_S1	
									Minimum_valid_DN	-32767	H5T_STD_I16LE	
									Maximum_valid_DN	32767	H5T_STD_I16LE	
									Error_DN	-32768	H5T_STD_I16LE	
									22		Sensor_azimuth	格子点センサ方位角
Unit	degree	H5T_C_S1										
Slope	0.01	H5T_IEEE_F32LE										
Offset	0	H5T_IEEE_F32LE										
Resampling_interval	1	H5T_STD_I32LE										
Resampling_interval_unit	pixel	H5T_C_S1										
Dim0	Line grids	H5T_C_S1										
Dim1	Pixel grids	H5T_C_S1										
Minimum_valid_DN	-32767	H5T_STD_I16LE										
Maximum_valid_DN	32767	H5T_STD_I16LE										
Error_DN	-32768	H5T_STD_I16LE										
23		Sensor_azimuth_P1_m60	格子点センサ方位角(P1)-60	H5T_STD_I16LE	27680	1000						
									Unit	degree	H5T_C_S1	
									Slope	0.01	H5T_IEEE_F32LE	
									Offset	0	H5T_IEEE_F32LE	
									Resampling_interval	1	H5T_STD_I32LE	
									Resampling_interval_unit	pixel	H5T_C_S1	
									Dim0	Line grids	H5T_C_S1	
									Dim1	Pixel grids	H5T_C_S1	
									Minimum_valid_DN	-32767	H5T_STD_I16LE	
									Maximum_valid_DN	32767	H5T_STD_I16LE	
									Error_DN	-32768	H5T_STD_I16LE	
									24		Sensor_azimuth_P2_m60	格子点センサ方位角(P2)-60
Unit	degree	H5T_C_S1										
Slope	0.01	H5T_IEEE_F32LE										
Offset	0	H5T_IEEE_F32LE										
Resampling_interval	1	H5T_STD_I32LE										
Resampling_interval_unit	pixel	H5T_C_S1										
Dim0	Line grids	H5T_C_S1										
Dim1	Pixel grids	H5T_C_S1										
Minimum_valid_DN	-32767	H5T_STD_I16LE										
Maximum_valid_DN	32767	H5T_STD_I16LE										
Error_DN	-32768	H5T_STD_I16LE										
25		Sensor_azimuth_P1_0	格子点センサ方位角(P1)0	H5T_STD_I16LE	27680	1000						
									Unit	degree	H5T_C_S1	
									Slope	0.01	H5T_IEEE_F32LE	
									Offset	0	H5T_IEEE_F32LE	
									Resampling_interval	1	H5T_STD_I32LE	
									Resampling_interval_unit	pixel	H5T_C_S1	
									Dim0	Line grids	H5T_C_S1	
									Dim1	Pixel grids	H5T_C_S1	
									Minimum_valid_DN	-32767	H5T_STD_I16LE	
									Maximum_valid_DN	32767	H5T_STD_I16LE	
									Error_DN	-32768	H5T_STD_I16LE	
									26		Sensor_azimuth_P2_0	格子点センサ方位角(P2)0
Unit	degree	H5T_C_S1										
Slope	0.01	H5T_IEEE_F32LE										
Offset	0	H5T_IEEE_F32LE										
Resampling_interval	1	H5T_STD_I32LE										
Resampling_interval_unit	pixel	H5T_C_S1										
Dim0	Line grids	H5T_C_S1										
Dim1	Pixel grids	H5T_C_S1										
Minimum_valid_DN	-32767	H5T_STD_I16LE										
Maximum_valid_DN	32767	H5T_STD_I16LE										
Error_DN	-32768	H5T_STD_I16LE										

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考										
27		Sensor_azimuth_P1_p60	格子点センサ方位角(P1)+60	H5T_STD_I16LE	27680	1000			Data_description	Sensor azimuth angle of PU01	H5T_C_S1											
									Unit	degree	H5T_C_S1											
									Slope	0.01	H5T_IEEE_F32LE											
									Offset	0	H5T_IEEE_F32LE											
									Resampling_interval	1	H5T_STD_I32LE											
									Resampling_interval_unit	pixel	H5T_C_S1											
									Dim0	Line grids	H5T_C_S1											
									Dim1	Pixel grids	H5T_C_S1											
									Minimum_valid_DN	-32767	H5T_STD_I16LE											
									Maximum_valid_DN	32767	H5T_STD_I16LE											
									Error_DN	-32768	H5T_STD_I16LE											
									28		Sensor_azimuth_P2_p60		格子点センサ方位角(P2)+60	H5T_STD_I16LE	27680	1000			Data_description	Sensor azimuth angle of PU02	H5T_C_S1	B
																			Unit	degree	H5T_C_S1	
																			Slope	0.01	H5T_IEEE_F32LE	
																			Offset	0	H5T_IEEE_F32LE	
Resampling_interval	1	H5T_STD_I32LE																				
Resampling_interval_unit	pixel	H5T_C_S1																				
Dim0	Line grids	H5T_C_S1																				
Dim1	Pixel grids	H5T_C_S1																				
Minimum_valid_DN	-32767	H5T_STD_I16LE																				
Maximum_valid_DN	32767	H5T_STD_I16LE																				
Error_DN	-32768	H5T_STD_I16LE																				
29		Sensor_zenith	格子点センサ天頂角	H5T_STD_I16LE	27680	1000						Data_description							Sensor zenith angle (from the local zenith)	H5T_C_S1	B	
												Unit							degree	H5T_C_S1		
												Slope							0.01	H5T_IEEE_F32LE		
												Offset							0	H5T_IEEE_F32LE		
									Resampling_interval	1	H5T_STD_I32LE											
									Resampling_interval_unit	pixel	H5T_C_S1											
									Dim0	Line grids	H5T_C_S1											
									Dim1	Pixel grids	H5T_C_S1											
									Minimum_valid_DN	-32767	H5T_STD_I16LE											
									Maximum_valid_DN	32767	H5T_STD_I16LE											
									Error_DN	-32768	H5T_STD_I16LE											
									30		Sensor_zenith_P1_m60	格子点センサ天頂角(P1)-60	H5T_STD_I16LE	27680	1000			Data_description	Sensor zenith angle of PI01	H5T_C_S1		B
																		Unit	degree	H5T_C_S1		
																		Slope	0.01	H5T_IEEE_F32LE		
																		Offset	0	H5T_IEEE_F32LE		
Resampling_interval	1	H5T_STD_I32LE																				
Resampling_interval_unit	pixel	H5T_C_S1																				
Dim0	Line grids	H5T_C_S1																				
Dim1	Pixel grids	H5T_C_S1																				
Minimum_valid_DN	-32767	H5T_STD_I16LE																				
Maximum_valid_DN	32767	H5T_STD_I16LE																				
Error_DN	-32768	H5T_STD_I16LE																				
31		Sensor_zenith_P2_m60	格子点センサ天頂角(P2)-60	H5T_STD_I16LE	27680	1000												Data_description	Sensor zenith angle of PI02	H5T_C_S1	B	
																		Unit	degree	H5T_C_S1		
																		Slope	0.01	H5T_IEEE_F32LE		
																		Offset	0	H5T_IEEE_F32LE		
									Resampling_interval	1	H5T_STD_I32LE											
									Resampling_interval_unit	pixel	H5T_C_S1											
									Dim0	Line grids	H5T_C_S1											
									Dim1	Pixel grids	H5T_C_S1											
									Minimum_valid_DN	-32767	H5T_STD_I16LE											
									Maximum_valid_DN	32767	H5T_STD_I16LE											
									Error_DN	-32768	H5T_STD_I16LE											
									32		Sensor_zenith_P1_0	格子点センサ天頂角(P1)0	H5T_STD_I16LE	27680	1000			Data_description	Sensor zenith angle of PQ01	H5T_C_S1		B
																		Unit	degree	H5T_C_S1		
																		Slope	0.01	H5T_IEEE_F32LE		
																		Offset	0	H5T_IEEE_F32LE		
Resampling_interval	1	H5T_STD_I32LE																				
Resampling_interval_unit	pixel	H5T_C_S1																				
Dim0	Line grids	H5T_C_S1																				
Dim1	Pixel grids	H5T_C_S1																				
Minimum_valid_DN	-32767	H5T_STD_I16LE																				
Maximum_valid_DN	32767	H5T_STD_I16LE																				
Error_DN	-32768	H5T_STD_I16LE																				
33		Sensor_zenith_P2_0	格子点センサ天頂角(P2)0	H5T_STD_I16LE	27680	1000												Data_description	Sensor zenith angle of PQ02	H5T_C_S1	B	
																		Unit	degree	H5T_C_S1		
																		Slope	0.01	H5T_IEEE_F32LE		
																		Offset	0	H5T_IEEE_F32LE		
									Resampling_interval	1	H5T_STD_I32LE											
									Resampling_interval_unit	pixel	H5T_C_S1											
									Dim0	Line grids	H5T_C_S1											
									Dim1	Pixel grids	H5T_C_S1											
									Minimum_valid_DN	-32767	H5T_STD_I16LE											
									Maximum_valid_DN	32767	H5T_STD_I16LE											
									Error_DN	-32768	H5T_STD_I16LE											
									34		Sensor_zenith_P1_p60	格子点センサ天頂角(P1)+60	H5T_STD_I16LE	27680	1000			Data_description	Sensor zenith angle of PU01	H5T_C_S1		B
																		Unit	degree	H5T_C_S1		
																		Slope	0.01	H5T_IEEE_F32LE		
																		Offset	0	H5T_IEEE_F32LE		
Resampling_interval	1	H5T_STD_I32LE																				
Resampling_interval_unit	pixel	H5T_C_S1																				
Dim0	Line grids	H5T_C_S1																				
Dim1	Pixel grids	H5T_C_S1																				
Minimum_valid_DN	-32767	H5T_STD_I16LE																				
Maximum_valid_DN	32767	H5T_STD_I16LE																				
Error_DN	-32768	H5T_STD_I16LE																				

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
35		Sensor_zenith_P2_p60	格子点センサ天頂角(P2)+60	H5T_STD_I16LE	27680	1000			Data_description	Sensor zenith angle of PU02	H5T_C_S1	
									Unit	degree	H5T_C_S1	
									Slope	0.01	H5T_IEEE_F32LE	
									Offset	0	H5T_IEEE_F32LE	
									Resampling_interval	1	H5T_STD_I32LE	
									Resampling_interval_unit	pixel	H5T_C_S1	
									Dim0	Line_grids	H5T_C_S1	
									Dim1	Pixel_grids	H5T_C_S1	
									Minimum_valid_DN	-32767	H5T_STD_I16LE	
									Maximum_valid_DN	32767	H5T_STD_I16LE	
									Error_DN	-32768	H5T_STD_I16LE	
36		Solar_azimuth	太陽方位角	H5T_STD_I16LE	27680	1000			Data_description	Solar azimuth angle (Clockwise from the North)	H5T_C_S1	
									Unit	degree	H5T_C_S1	
									Slope	0.01	H5T_IEEE_F32LE	
									Offset	0	H5T_IEEE_F32LE	
									Resampling_interval	1	H5T_STD_I32LE	
									Resampling_interval_unit	pixel	H5T_C_S1	
									Dim0	Line_grids	H5T_C_S1	
									Dim1	Pixel_grids	H5T_C_S1	
									Minimum_valid_DN	-32767	H5T_STD_I16LE	
									Maximum_valid_DN	32767	H5T_STD_I16LE	
									Error_DN	-32768	H5T_STD_I16LE	
37		Solar_zenith	太陽天頂角	H5T_STD_I16LE	27680	1000			Data_description	Solar zenith angle (from the local zenith)	H5T_C_S1	
									Unit	degree	H5T_C_S1	
									Slope	0.01	H5T_IEEE_F32LE	
									Offset	0	H5T_IEEE_F32LE	
									Resampling_interval	1	H5T_STD_I32LE	
									Resampling_interval_unit	pixel	H5T_C_S1	
									Dim0	Line_grids	H5T_C_S1	
									Dim1	Pixel_grids	H5T_C_S1	
									Minimum_valid_DN	-32767	H5T_STD_I16LE	
									Maximum_valid_DN	32767	H5T_STD_I16LE	
									Error_DN	-32768	H5T_STD_I16LE	
38		Tilt_angle	チルト角	H5T_IEEE_F32LE	27680				Data_description	Tilt angle for each L1B line (degree)	H5T_C_S1	
									Unit	degree	H5T_C_S1	
									Slope	1	H5T_IEEE_F32LE	
									Offset	0	H5T_IEEE_F32LE	
									Resampling_interval	1	H5T_IEEE_F32LE	
									Resampling_interval_unit	pixel	H5T_C_S1	
									Dim0	Line_grids	H5T_C_S1	
									Minimum_valid_value	-90	H5T_IEEE_F32LE	
									Maximum_valid_value	90	H5T_IEEE_F32LE	
									Error_value	-999	H5T_IEEE_F32LE	
Image_data		---	---	---	---	---	---	---	Number_of_lines	27680	H5T_STD_I32LE	
									Number_of_pixels	1000	H5T_STD_I32LE	
									Image_projection	L1B reference grid	H5T_C_S1	
									Grid_interval	1000	H5T_IEEE_F32LE	
									Grid_interval_unit	meter	H5T_C_S1	
39		Line_msec	観測時刻(日の通算ミリ秒)	H5T_STD_I32LE	27680				Data_description	Day millisecond at each line (UTC)	H5T_C_S1	UTC時系でその日の始まり(グレゴリオIDの観測開始年月日00時00分00秒)からの経過時間。
									Unit	millisecond	H5T_C_S1	
									Slope	1	H5T_IEEE_F32LE	
									Offset	0	H5T_IEEE_F32LE	
									Dim0	L1B-lines	H5T_C_S1	
									Minimum_valid_DN	-2147483647	H5T_STD_I32LE	
									Maximum_valid_DN	2147483647	H5T_STD_I32LE	
									Error_DN	-2147483648	H5T_STD_I32LE	
40		Line_tai93	観測時刻 (TAI93)	H5T_IEEE_F64LE	27680				Data_description	TAI93 at each line	H5T_C_S1	
									Dim0	L1B-lines	H5T_C_S1	
									Error_value	-1.0	H5T_IEEE_F64LE	
									Maximum_valid_value	9.99999999E8	H5T_IEEE_F64LE	
									Minimum_valid_value	0.0	H5T_IEEE_F64LE	
									Unit	second	H5T_C_S1	
41		Lt_PI01	PI01のストークスペクトルのI成分(L1B座標系)	H5T_STD_U16LE	27680	1000			Data_description	TOA radiance of P01 I component: Lt[W/m^2/sr/um]=(DN&Mask)*Slope+Offset; TOA reflectance of P01 I component: rt[Lt*pi/(F0/d^2)]=(DN&Mask)*Slope_reflectance+Offset_reflectance Band_weighted_TOA_solar_irradiance, F0/D^2; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Mask	65535	H5T_STD_U16LE	
									Bit00(LSB)-15	Digital Number 65535 : Missing value 65534 : Saturation value	H5T_C_S1	
									Unit	W/m^2/um/sr	H5T_C_S1	
									Slope	0.00661397	H5T_IEEE_F32LE	
									Offset	-66.22	H5T_IEEE_F32LE	
									Spatial_resolution	1000	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	L1B-lines	H5T_C_S1	
									Dim1	L1B-pixels	H5T_C_S1	
									Minimum_valid_DN	0	H5T_STD_U16LE	
									Maximum_valid_DN	65534	H5T_STD_U16LE	
									Error_DN	65535	H5T_STD_U16LE	
									Center_wavelength	673.5	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_width	20	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Saturation_radiance	367.22	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m^2/um/sr	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	1503.605	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m^2/um	H5T_C_S1	
									Slope_reflectance	1.81121E-05	H5T_IEEE_F32LE	
Offset_reflectance	0	H5T_IEEE_F32LE										

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
42		Lt_P102	PL02のストークスペクトルのI成分(L1B座標系)	H5T_STD_U16LE	27680	1000			Data_description	TOA radiance of P02 I component: $Lt[W/m^2/sr/um]=(DN\&Mask)*Slope+Offset$; TOA reflectance of P02 I component: $rt[Lt*\pi/(F0/d^2)]=(DN\&Mask)*Slope_reflectance+Offset_reflectance$ Band_weighted_TOA_solar_irradiance, $F0/D^2$; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Mask	65535	H5T_STD_U16LE	
									Bit00(LSB)-15	Digital Number 65535 : Missing value 65534 : Saturation value	H5T_C_S1	
									Unit	$W/m^2/um/sr$	H5T_C_S1	
									Slope	0.00893582	H5T_IEEE_F32LE	
									Offset	-89.46667	H5T_IEEE_F32LE	
									Spatial_resolution	1000	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	L1B-lines	H5T_C_S1	
									Dim1	L1B-pixels	H5T_C_S1	
									Minimum_valid_DN	0	H5T_STD_U16LE	
									Maximum_valid_DN	65534	H5T_STD_U16LE	
									Error_DN	65535	H5T_STD_U16LE	
									Center_wavelength	868.5	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_width	20	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Saturation_radiance	300.72	H5T_IEEE_F32LE	
									Saturation_radiance_unit	$W/m^2/um/sr$	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	956.8333	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	$W/m^2/um$	H5T_C_S1	
									Slope_reflectance	0.000034128	H5T_IEEE_F32LE	
									Offset_reflectance	0	H5T_IEEE_F32LE	
43		Lt_PQ01	PL01のストークスペクトルのQ成分(L1B座標系)	H5T_STD_U16LE	27680	1000			Data_description	TOA radiance of P01 Q component: $Lt[W/m^2/sr/um]=(DN\&Mask)*Slope+Offset$; TOA reflectance of P01 Q component: $rt[Lt*\pi/(F0/d^2)]=(DN\&Mask)*Slope_reflectance+Offset_reflectance$ Band_weighted_TOA_solar_irradiance, $F0/D^2$; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Mask	65535	H5T_STD_U16LE	
									Bit00(LSB)-15	Digital Number 65535 : Missing value 65534 : Saturation value	H5T_C_S1	
									Unit	$W/m^2/um/sr$	H5T_C_S1	
									Slope	0.00917753	H5T_IEEE_F32LE	
									Offset	-300.72	H5T_IEEE_F32LE	
									Spatial_resolution	1000	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	L1B-lines	H5T_C_S1	
									Dim1	L1B-pixels	H5T_C_S1	
									Minimum_valid_DN	0	H5T_STD_U16LE	
									Maximum_valid_DN	65534	H5T_STD_U16LE	
									Error_DN	65535	H5T_STD_U16LE	
									Center_wavelength	673.5	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_width	20	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Saturation_radiance	300.72	H5T_IEEE_F32LE	
									Saturation_radiance_unit	$W/m^2/um/sr$	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	1503.605	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	$W/m^2/um$	H5T_C_S1	
									Slope_reflectance	9.05605E-06	H5T_IEEE_F32LE	
									Offset_reflectance	0	H5T_IEEE_F32LE	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
44		Lt_PQ02	PL02のストークスペクトルのQ成分(L1B座標系)	H5T_STD_U16LE	27680	1000			Data_description	TOA radiance of P02 Q component: $Lt[W/m^2/sr/um]=(DN\&Mask)*Slope+Offset$; TOA reflectance of P02 Q component: $rt[Lt*\pi/(F0/d^2)]=(DN\&Mask)*Slope_reflectance+Offset_reflectance$ Band_weighted_TOA_solar_irradiance, F0/D^2; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Mask	65535	H5T_STD_U16LE	
									Bit00(LSB)-15	Digital Number 65535 : Missing value 65534 : Saturation value	H5T_C_S1	
									Unit	W/m^2/um/sr	H5T_C_S1	
									Slope	0.01235878	H5T_IEEE_F32LE	
									Offset	-404.96	H5T_IEEE_F32LE	
									Spatial_resolution	1000	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	L1B-lines	H5T_C_S1	
									Dim1	L1B-pixels	H5T_C_S1	
									Minimum_valid_DN	0	H5T_STD_U16LE	
									Maximum_valid_DN	65534	H5T_STD_U16LE	
									Error_DN	65535	H5T_STD_U16LE	
									Center_wavelength	868.5	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_width	20	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Saturation_radiance	496.1333333	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m^2/um/sr	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	956.8333	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m^2/um	H5T_C_S1	
									Slope_reflectance	1.68951E-05	H5T_IEEE_F32LE	
									Offset_reflectance	0	H5T_IEEE_F32LE	
									45		Lt_PU01	
Mask	65535	H5T_STD_U16LE										
Bit00(LSB)-15	Digital Number 65535 : Missing value 65534 : Saturation value	H5T_C_S1										
Unit	W/m^2/um/sr	H5T_C_S1										
Slope	0.00917753	H5T_IEEE_F32LE										
Offset	-300.72	H5T_IEEE_F32LE										
Spatial_resolution	1000	H5T_IEEE_F32LE										
Spatial_resolution_unit	meter	H5T_C_S1										
Dim0	L1B-lines	H5T_C_S1										
Dim1	L1B-pixels	H5T_C_S1										
Minimum_valid_DN	0	H5T_STD_U16LE										
Maximum_valid_DN	65534	H5T_STD_U16LE										
Error_DN	65535	H5T_STD_U16LE										
Center_wavelength	673.5	H5T_IEEE_F32LE										
Center_wavelength_unit	nm	H5T_C_S1										
Band_width	20	H5T_IEEE_F32LE										
Band_width_unit	nm	H5T_C_S1										
Saturation_radiance	404.96	H5T_IEEE_F32LE										
Saturation_radiance_unit	W/m^2/um/sr	H5T_C_S1										
Band_weighted_TOA_solar_irradiance	1503.605	H5T_IEEE_F32LE										
Band_weighted_TOA_solar_irradiance_unit	W/m^2/um	H5T_C_S1										
Slope_reflectance	9.05605E-06	H5T_IEEE_F32LE										
Offset_reflectance	0	H5T_IEEE_F32LE										

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
46		Lt_PU02	PL02のストークスペクトルのU成分(L1B座標系)	H5T_STD_U16LE	27680	1000			Data_description	TOA radiance of P02 U component: $Lt[W/m^2/sr/um]=(DN\&Mask)*Slope+Offset$; TOA reflectance of P02 U component: $rt[Lt*\pi/(F0/d^2)]=(DN\&Mask)*Slope_reflectance+Offset_reflectance$ Band_weighted_TOA_solar_irradiance, $F0/D^2$; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Mask	65535	H5T_STD_U16LE	
									Bit00 (LSB)-15	Digital Number 65535 : Missing value 65534 : Saturation value	H5T_C_S1	
									Unit	W/m ² /um/sr	H5T_C_S1	
									Slope	0.01235878	H5T_IEEE_F32LE	
									Offset	-404.96	H5T_IEEE_F32LE	
									Spatial_resolution	1000	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	L1B-lines	H5T_C_S1	
									Dim1	L1B-pixels	H5T_C_S1	
									Minimum_valid_DN	0	H5T_STD_U16LE	
									Maximum_valid_DN	65534	H5T_STD_U16LE	
									Error_DN	65535	H5T_STD_U16LE	
									Center_wavelength	868.5	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_width	20	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Saturation_radiance	404.96	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	956.8333	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m ² /um	H5T_C_S1	
									Slope_reflectance	1.68951E-05	H5T_IEEE_F32LE	
									Offset_reflectance	0	H5T_IEEE_F32LE	
									47	QA_flag	品質フラグ	
Bit00 (LSB)	channel integrity 0 : Not integrity 1 : Integrity	H5T_C_S1										
Bit01	vnr-pol tilt-driving 0 : Not tilt-driving 1 : Tilt-driving	H5T_C_S1										
Unit	NA	H5T_C_S1										
Slope	1	H5T_IEEE_F32LE										
Offset	0	H5T_IEEE_F32LE										
Spatial_resolution	1000	H5T_IEEE_F32LE										
Spatial_resolution_unit	meter	H5T_C_S1										
Dim0	L1B-lines	H5T_C_S1										
Dim1	L1B-pixels	H5T_C_S1										
Minimum_valid_DN	0	H5T_STD_U16LE										
Maximum_valid_DN	65534	H5T_STD_U16LE										
48	Land_water_flag	陸海フラグ	H5T_STD_U8LE	27680	1000			Data_description	Rate of land at each pixel (With elevation correction) 0 : water 100 : land	H5T_C_S1		
								Dim0	L1B-lines	H5T_C_S1		
								Dim1	L1B-pixels	H5T_C_S1		
								Minimum_valid_value	0	H5T_STD_U8LE		
								Maximum_valid_value	100	H5T_STD_U8LE		
								Error_value	255	H5T_STD_U8LE		
								Altitude_correction	yes	H5T_C_S1		

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
49		Lt_P1_m60	分光放射輝度値(P1)-60°	H5T_STD_U16LE	27680	1000			Band_weighted_TOA_solar_irradiance	1503.605	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m ² /um	H5T_C_S1	
									Band_width	20	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	673.5	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Data_description	TOA radiance of P01 -60degree: Lt[W/m ² /sr/um]=(DN&Mask)*Slope+Offset; TOA reflectance of P01 -60degree: rt[Lt*pi/(F0/d ²)]=(DN&Mask)*Slope_reflectance+Offset_reflectance Band_weighted_TOA_solar_irradiance, F0/D ² ; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Mask	16383	H5T_STD_U16LE	
									Bit00 (LSB)-13	Digital Number 16383 : Missing value 16382 : Saturation value	H5T_C_S1	
									Bit14	Stray light correction sign flag (delta_L = Ltrue - Lobs) 0:Sign of the amount of stray light correction is positive (or zero) 1:Sign of the amount of stray light correction is negative	H5T_C_S1	
									Bit15 (MSB)	Stray light correction flag 0 : Stray light is uncorrected 1 : Stray light is corrected	H5T_C_S1	
									Dim0	L1B-lines	H5T_C_S1	
									Dim1	L1B-pixels	H5T_C_S1	
									Error_DN	65535	H5T_STD_U16LE	
									Maximum_valid_DN	65533	H5T_STD_I32LE	
									Minimum_valid_DN	0	H5T_STD_I32LE	
									Offset	-29.5	H5T_IEEE_F32LE	
									Offset_reflectance	0.0	H5T_IEEE_F32LE	
									Saturation_radiance	324.5	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1	
									Slope	0.02160908	H5T_IEEE_F32LE	
									Slope_reflectance	0.0	H5T_IEEE_F32LE	
									Spatial_resolution	1000.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
Unit	W/m ² /um/sr	H5T_C_S1										
50		Lt_P1_0	分光放射輝度値(P1)0°	H5T_STD_U16LE	27680	1000			Band_weighted_TOA_solar_irradiance	1503.605	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m ² /um	H5T_C_S1	
									Band_width	20	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	673.5	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Data_description	TOA radiance of P01 0degree: Lt[W/m ² /sr/um]=(DN&Mask)*Slope+Offset; TOA reflectance of P01 0degree: rt[Lt*pi/(F0/d ²)]=(DN&Mask)*Slope_reflectance+Offset_reflectance Band_weighted_TOA_solar_irradiance, F0/D ² ; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Mask	16383	H5T_STD_U16LE	
									Bit00 (LSB)-13	Digital Number 16383 : Missing value 16382 : Saturation value	H5T_C_S1	
									Bit14	Stray light correction sign flag (delta_L = Ltrue - Lobs) 0:Sign of the amount of stray light correction is positive (or zero) 1:Sign of the amount of stray light correction is negative	H5T_C_S1	
									Bit15 (MSB)	Stray light correction flag 0 : Stray light is uncorrected 1 : Stray light is corrected	H5T_C_S1	
									Dim0	L1B-lines	H5T_C_S1	
									Dim1	L1B-pixels	H5T_C_S1	
									Error_DN	65535	H5T_STD_U16LE	
									Maximum_valid_DN	65533	H5T_STD_I32LE	
									Minimum_valid_DN	0	H5T_STD_I32LE	
									Offset	-31.5	H5T_IEEE_F32LE	
									Offset_reflectance	0.0	H5T_IEEE_F32LE	
									Saturation_radiance	346.5	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1	
									Slope	0.02307411	H5T_IEEE_F32LE	
									Slope_reflectance	0.0	H5T_IEEE_F32LE	
									Spatial_resolution	1000.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
Unit	W/m ² /um/sr	H5T_C_S1										

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考										
51		Lt_P1_p60	分光放射輝度値(P1) +60°	H5T STD U16LE	27680	1000			Band_weighted_TOA_solar_irradiance	1503.605	H5T_IEEE_F32LE											
									Band_weighted_TOA_solar_irradiance_unit	W/m ² /um	H5T_C_S1											
									Band_width	20	H5T_IEEE_F32LE											
									Band_width_unit	nm	H5T_C_S1											
									Center_wavelength	673.5	H5T_IEEE_F32LE											
									Center_wavelength_unit	nm	H5T_C_S1											
									Data_description	TOA radiance of P01 60degree: Lt[W/m ² /sr/um]=(DN&Mask)*Slope+Offset; TOA reflectance of P01 60degree: rt[Lt*pi/(F0/d ²)]=(DN&Mask)*Slope_reflectance+Offset_reflectance Band_weighted_TOA_solar_irradiance, F0/D ² ; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1											
									Mask	16383	H5T STD U16LE											
									Bit00 (LSB)-13	Digital Number 16383 : Missing value 16382 : Saturation value	H5T_C_S1											
									Bit14	Stray light correction sign flag (delta_L = Ltrue - Lobs) 0:Sign of the amount of stray light correction is positive (or zero) 1:Sign of the amount of stray light correction is negative	H5T_C_S1											
									Bit15 (MSB)	Stray light correction flag 0 : Stray light is uncorrected 1 : Stray light is corrected	H5T_C_S1											
									Dim0	L1B-lines	H5T_C_S1											
									Dim1	L1B-pixels	H5T_C_S1											
									Error_DN	65535	H5T STD U16LE											
									Maximum_valid_DN	65533	H5T STD I32LE											
									Minimum_valid_DN	0	H5T STD I32LE											
									Offset	-29.3	H5T_IEEE_F32LE											
									Offset_reflectance	0.0	H5T_IEEE_F32LE											
									Saturation_radiance	322.3	H5T_IEEE_F32LE											
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1											
									Slope	0.02146258	H5T_IEEE_F32LE											
									Slope_reflectance	0.0	H5T_IEEE_F32LE											
									Spatial_resolution	1000.0	H5T_IEEE_F32LE											
									Spatial_resolution_unit	meter	H5T_C_S1											
									Unit	W/m ² /um/sr	H5T_C_S1											
									52		Lt_P2_m60		分光放射輝度値(P2) -60°	H5T STD U16LE	27680	1000			Band_weighted_TOA_solar_irradiance	956.8333	H5T_IEEE_F32LE	
																			Band_weighted_TOA_solar_irradiance_unit	W/m ² /um	H5T_C_S1	
Band_width	20	H5T_IEEE_F32LE																				
Band_width_unit	nm	H5T_C_S1																				
Center_wavelength	868.5	H5T_IEEE_F32LE																				
Center_wavelength_unit	nm	H5T_C_S1																				
Data_description	TOA radiance of P02 -60degree: Lt[W/m ² /sr/um]=(DN&Mask)*Slope+Offset; TOA reflectance of P02 -60degree: rt[Lt*pi/(F0/d ²)]=(DN&Mask)*Slope_reflectance+Offset_reflectance Band_weighted_TOA_solar_irradiance, F0/D ² ; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1																				
Mask	16383	H5T STD U16LE																				
Bit00 (LSB)-13	Digital Number 16383 : Missing value 16382 : Saturation value	H5T_C_S1																				
Bit14	Stray light correction sign flag (delta_L = Ltrue - Lobs) 0:Sign of the amount of stray light correction is positive (or zero) 1:Sign of the amount of stray light correction is negative	H5T_C_S1																				
Bit15 (MSB)	Stray light correction flag 0 : Stray light is uncorrected 1 : Stray light is corrected	H5T_C_S1																				
Dim0	L1B-lines	H5T_C_S1																				
Dim1	L1B-pixels	H5T_C_S1																				
Error_DN	65535	H5T STD U16LE																				
Maximum_valid_DN	65533	H5T STD I32LE																				
Minimum_valid_DN	0	H5T STD I32LE																				
Offset	-39.6	H5T_IEEE_F32LE																				
Offset_reflectance	0.0	H5T_IEEE_F32LE																				
Saturation_radiance	435.6	H5T_IEEE_F32LE																				
Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1																				
Slope	0.02900745	H5T_IEEE_F32LE																				
Slope_reflectance	0.0	H5T_IEEE_F32LE																				
Spatial_resolution	1000.0	H5T_IEEE_F32LE																				
Spatial_resolution_unit	meter	H5T_C_S1																				
Unit	W/m ² /um/sr	H5T_C_S1																				

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考										
53		Lt_P2_0	分光放射輝度値(P2)0°	H5T STD U16LE	27680	1000			Band_weighted_TOA_solar_irradiance	956.8333	H5T_IEEE_F32LE											
									Band_weighted_TOA_solar_irradiance_unit	W/m ² /um	H5T_C_S1											
									Band_width	20	H5T_IEEE_F32LE											
									Band_width_unit	nm	H5T_C_S1											
									Center_wavelength	868.5	H5T_IEEE_F32LE											
									Center_wavelength_unit	nm	H5T_C_S1											
									Data_description	TOA radiance of P02 0degree: Lt[W/m ² /sr/um]=(DN&Mask)*Slope+Offset; TOA reflectance of P02 0degree: rt[Lt*pi/(F0/d ²)]=(DN&Mask)*Slope_reflectance+Offset_reflectance Band_weighted_TOA_solar_irradiance, F0/D ² ; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1											
									Mask	16383	H5T STD U16LE											
									Bit00 (LSB)-13	Digital Number 16383 : Missing value 16382 : Saturation value	H5T_C_S1											
									Bit14	Stray light correction sign flag (delta_L = Ltrue - Lobs) 0:Sign of the amount of stray light correction is positive (or zero) 1:Sign of the amount of stray light correction is negative	H5T_C_S1											
									Bit15 (MSB)	Stray light correction flag 0 : Stray light is uncorrected 1 : Stray light is corrected	H5T_C_S1											
									Dim0	L1B-lines	H5T_C_S1											
									Dim1	L1B-pixels	H5T_C_S1											
									Error_DN	65535	H5T STD U16LE											
									Maximum_valid_DN	65533	H5T STD I32LE											
									Minimum_valid_DN	0	H5T STD I32LE											
									Offset	-42.4	H5T_IEEE_F32LE											
									Offset_reflectance	0.0	H5T_IEEE_F32LE											
									Saturation_radiance	466.4	H5T_IEEE_F32LE											
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1											
									Slope	0.03105848	H5T_IEEE_F32LE											
									Slope_reflectance	0.0	H5T_IEEE_F32LE											
									Spatial_resolution	1000.0	H5T_IEEE_F32LE											
									Spatial_resolution_unit	meter	H5T_C_S1											
									Unit	W/m ² /um/sr	H5T_C_S1											
									54		Lt_P2_p60		分光放射輝度値(P2) +60°	H5T STD U16LE	27680	1000			Band_weighted_TOA_solar_irradiance	956.8333	H5T_IEEE_F32LE	
																			Band_weighted_TOA_solar_irradiance_unit	W/m ² /um	H5T_C_S1	
Band_width	20	H5T_IEEE_F32LE																				
Band_width_unit	nm	H5T_C_S1																				
Center_wavelength	868.5	H5T_IEEE_F32LE																				
Center_wavelength_unit	nm	H5T_C_S1																				
Data_description	TOA radiance of P02 -60degree: Lt[W/m ² /sr/um]=(DN&Mask)*Slope+Offset; TOA reflectance of P02 -60degree: rt[Lt*pi/(F0/d ²)]=(DN&Mask)*Slope_reflectance+Offset_reflectance Band_weighted_TOA_solar_irradiance, F0/D ² ; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1																				
Mask	16383	H5T STD U16LE																				
Bit00 (LSB)-13	Digital Number 16383 : Missing value 16382 : Saturation value	H5T_C_S1																				
Bit14	Stray light correction sign flag (delta_L = Ltrue - Lobs) 0:Sign of the amount of stray light correction is positive (or zero) 1:Sign of the amount of stray light correction is negative	H5T_C_S1																				
Bit15 (MSB)	Stray light correction flag 0 : Stray light is uncorrected 1 : Stray light is corrected	H5T_C_S1																				
Dim0	L1B-lines	H5T_C_S1																				
Dim1	L1B-pixels	H5T_C_S1																				
Error_DN	65535	H5T STD U16LE																				
Maximum_valid_DN	65533	H5T STD I32LE																				
Minimum_valid_DN	0	H5T STD I32LE																				
Offset	-40.0	H5T_IEEE_F32LE																				
Offset_reflectance	0.0	H5T_IEEE_F32LE																				
Saturation_radiance	440	H5T_IEEE_F32LE																				
Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1																				
Slope	0.02930045	H5T_IEEE_F32LE																				
Slope_reflectance	0.0	H5T_IEEE_F32LE																				
Spatial_resolution	1000.0	H5T_IEEE_F32LE																				
Spatial_resolution_unit	meter	H5T_C_S1																				
Unit	W/m ² /um/sr	H5T_C_S1																				
Level_1_attributes			—	—	—	—	—	—				Operation_mode							0BD	H5T_C_S1		
												Radiometric_calibration							Original	H5T_C_S1		
									Geometric_calibration	Original	H5T_C_S1											
									Number_of_pixels_L1A	857	H5T STD I32LE											
									Number_of_lines_L1A	27167	H5T STD I32LE											
									Polynomial_to_L1A_P1_m60_coe	L1B→L1A座標変換係数(P1)-60	H5T_IEEE_F64LE	2	27680	8			Dim0	to-L1A-pixel, to-L1A-line	H5T_C_S1			
55		Polynomial_to_L1A_P1_m60_coe	L1B→L1A座標変換係数(P1)-60	H5T_IEEE_F64LE	2	27680	8			Dim1	L1B-lines	H5T_C_S1										
										Dim2	coefficients	H5T_C_S1										
										Data_description	Polynomial coefficients to transfer L1B image coordinates into L1A image coordinates for PI01. The center of upper-left pixel is defined as [1,1] in the image coordinates	H5T_C_S1										
										Polynomial_degree	7	H5T STD I32LE										
								Unit	pixel	H5T_C_S1												

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
56		Polynomial_to_L1A_P2_m60_coe	L1B→L1A座標変換係数(P2)-60	H5T_IEEE_F64LE	2	27680	8	Dim0	to-L1A-pixel, to-L1A-line	H5T_C_S1		
								Dim1	L1B-lines	H5T_C_S1		
								Dim2	coefficients	H5T_C_S1		
								Data_description	Polynomial coefficients to transfer L1B image coordinates into L1A image coordinates for PI02. The center of upper-left pixel is defined as [1,1] in the image coordinates	H5T_C_S1		
								Polynomial_degree	7	H5T_STD_I32LE		
								Unit	pixel	H5T_C_S1		
								Dim0	to-L1A-pixel, to-L1A-line	H5T_C_S1		
57		Polynomial_to_L1A_P1_0_coef	L1B→L1A座標変換係数(P1)0	H5T_IEEE_F64LE	2	27680	8	Dim0	to-L1A-pixel, to-L1A-line	H5T_C_S1		
								Dim1	L1B-lines	H5T_C_S1		
								Dim2	coefficients	H5T_C_S1		
								Data_description	Polynomial coefficients to transfer L1B image coordinates into L1A image coordinates for PQ01. The center of upper-left pixel is defined as [1,1] in the image coordinates	H5T_C_S1		
								Polynomial_degree	7	H5T_STD_I32LE		
								Unit	pixel	H5T_C_S1		
								Dim0	to-L1A-pixel, to-L1A-line	H5T_C_S1		
58		Polynomial_to_L1A_P2_0_coef	L1B→L1A座標変換係数(P2)0	H5T_IEEE_F64LE	2	27680	8	Dim0	to-L1A-pixel, to-L1A-line	H5T_C_S1		
								Dim1	L1B-lines	H5T_C_S1		
								Dim2	coefficients	H5T_C_S1		
								Data_description	Polynomial coefficients to transfer L1B image coordinates into L1A image coordinates for PQ02. The center of upper-left pixel is defined as [1,1] in the image coordinates	H5T_C_S1		
								Polynomial_degree	7	H5T_STD_I32LE		
								Unit	pixel	H5T_C_S1		
								Dim0	to-L1A-pixel, to-L1A-line	H5T_C_S1		
59		Polynomial_to_L1A_P1_p60_coe	L1B→L1A座標変換係数(P1)+60	H5T_IEEE_F64LE	2	27680	8	Dim0	to-L1A-pixel, to-L1A-line	H5T_C_S1		
								Dim1	L1B-lines	H5T_C_S1		
								Dim2	coefficients	H5T_C_S1		
								Data_description	Polynomial coefficients to transfer L1B image coordinates into L1A image coordinates for PU01. The center of upper-left pixel is defined as [1,1] in the image coordinates	H5T_C_S1		
								Polynomial_degree	7	H5T_STD_I32LE		
								Unit	pixel	H5T_C_S1		
								Dim0	to-L1A-pixel, to-L1A-line	H5T_C_S1		
60		Polynomial_to_L1A_P2_p60_coe	L1B→L1A座標変換係数(P2)+60	H5T_IEEE_F64LE	2	27680	8	Dim0	to-L1A-pixel, to-L1A-line	H5T_C_S1		
								Dim1	L1B-lines	H5T_C_S1		
								Dim2	coefficients	H5T_C_S1		
								Data_description	Polynomial coefficients to transfer L1B image coordinates into L1A image coordinates for PU02. The center of upper-left pixel is defined as [1,1] in the image coordinates	H5T_C_S1		
								Polynomial_degree	7	H5T_STD_I32LE		
								Unit	pixel	H5T_C_S1		
								Dim0	to-L1A-pixel, to-L1A-line	H5T_C_S1		
61		Polynomial_to_L1B_P1_m60_coe	L1A→L1B座標変換係数(P1)-60	H5T_IEEE_F64LE	2	27167	8	Dim0	to-L1B-pixel, to-L1B-line	H5T_C_S1		
								Dim1	L1A-lines	H5T_C_S1		
								Dim2	coefficients	H5T_C_S1		
								Data_description	Polynomial coefficients to transfer L1B image coordinates into L1A image coordinates for PI01. The center of upper-left pixel is defined as [1,1] in the image coordinates	H5T_C_S1		
								Polynomial_degree	7	H5T_STD_I32LE		
								Unit	pixel	H5T_C_S1		
								Dim0	to-L1B-pixel, to-L1B-line	H5T_C_S1		
62		Polynomial_to_L1B_P2_m60_coe	L1A→L1B座標変換係数(P2)-60	H5T_IEEE_F64LE	2	27167	8	Dim0	to-L1B-pixel, to-L1B-line	H5T_C_S1		
								Dim1	L1A-lines	H5T_C_S1		
								Dim2	coefficients	H5T_C_S1		
								Data_description	Polynomial coefficients to transfer L1B image coordinates into L1A image coordinates for PI02. The center of upper-left pixel is defined as [1,1] in the image coordinates	H5T_C_S1		
								Polynomial_degree	7	H5T_STD_I32LE		
								Unit	pixel	H5T_C_S1		
								Dim0	to-L1B-pixel, to-L1B-line	H5T_C_S1		
63		Polynomial_to_L1B_P1_0_coef	L1A→L1B座標変換係数(P1)0	H5T_IEEE_F64LE	2	27167	8	Dim0	to-L1B-pixel, to-L1B-line	H5T_C_S1		
								Dim1	L1A-lines	H5T_C_S1		
								Dim2	coefficients	H5T_C_S1		
								Data_description	Polynomial coefficients to transfer L1B image coordinates into L1A image coordinates for PQ01. The center of upper-left pixel is defined as [1,1] in the image coordinates	H5T_C_S1		
								Polynomial_degree	7	H5T_STD_I32LE		
								Unit	pixel	H5T_C_S1		
								Dim0	to-L1B-pixel, to-L1B-line	H5T_C_S1		
64		Polynomial_to_L1B_P2_0_coef	L1A→L1B座標変換係数(P2)0	H5T_IEEE_F64LE	2	27167	8	Dim0	to-L1B-pixel, to-L1B-line	H5T_C_S1		
								Dim1	L1A-lines	H5T_C_S1		
								Dim2	coefficients	H5T_C_S1		
								Data_description	Polynomial coefficients to transfer L1B image coordinates into L1A image coordinates for PQ02. The center of upper-left pixel is defined as [1,1] in the image coordinates	H5T_C_S1		
								Polynomial_degree	7	H5T_STD_I32LE		
								Unit	pixel	H5T_C_S1		
								Dim0	to-L1B-pixel, to-L1B-line	H5T_C_S1		
65		Polynomial_to_L1B_P1_p60_coe	L1A→L1B座標変換係数(P1)+60	H5T_IEEE_F64LE	2	27167	8	Dim0	to-L1B-pixel, to-L1B-line	H5T_C_S1		
								Dim1	L1A-lines	H5T_C_S1		
								Dim2	coefficients	H5T_C_S1		
								Data_description	Polynomial coefficients to transfer L1B image coordinates into L1A image coordinates for PU01. The center of upper-left pixel is defined as [1,1] in the image coordinates	H5T_C_S1		
								Polynomial_degree	7	H5T_STD_I32LE		
								Unit	pixel	H5T_C_S1		
								Dim0	to-L1B-pixel, to-L1B-line	H5T_C_S1		
66		Polynomial_to_L1B_P2_p60_coe	L1A→L1B座標変換係数(P2)+60	H5T_IEEE_F64LE	2	27167	8	Dim0	to-L1B-pixel, to-L1B-line	H5T_C_S1		
								Dim1	L1A-lines	H5T_C_S1		
								Dim2	coefficients	H5T_C_S1		
								Data_description	Polynomial coefficients to transfer L1B image coordinates into L1A image coordinates for PU02. The center of upper-left pixel is defined as [1,1] in the image coordinates	H5T_C_S1		
								Polynomial_degree	7	H5T_STD_I32LE		
								Unit	pixel	H5T_C_S1		
								Dim0	to-L1B-pixel, to-L1B-line	H5T_C_S1		

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
67		Polynomial_to_VNP_coef	VPL→VNPピクセル座標及びTAI93時刻変換係数	H5T_IEEE_F64LE	2	27680	8	Dim0	to-VNP-pixel, to-VNP-time	H5T_C_S1		
								Dim1	LIB-lines	H5T_C_S1		
								Dim2	coefficients	H5T_C_S1		
								Data_description	Polynomial coefficients to transfer each line of LIB VPL image coordinates into LIB VNP image pixel and observation time. The center of upper-left pixel is defined as [1,1] in the image coordinates	H5T_C_S1		
								Polynomial_degree	7	H5T_STD_I32LE		
								Unit	pixel/second	H5T_C_S1		
68	Level_1_attributes	Quaternion_ECR	クォータニオン (STT→ECR)	H5T_IEEE_F32LE	41391	4		Dim0	quaternion records (10Hz)	H5T_C_S1		
								Dim1	x, y, z, w(scalar)	H5T_C_S1		
								Data_description	Quaternion (STT→ECR) in x	H5T_C_S1		
								Unit	N/A	H5T_C_S1		
69		Quaternion_time	クォータニオン時刻	H5T_IEEE_F64LE	41391			Data_description	Attitude determination time in TAI93	H5T_C_S1		
								Dim0	quaternion records (10Hz)	H5T_C_S1		
								Unit	second	H5T_C_S1		
								Data_description	Sampling time of LIA in TAI93	H5T_C_S1		
70		Sampling_time_LIA	LIAラインサンプリング時刻	H5T_IEEE_F64LE	27167			Dim0	LIA-lines	H5T_C_S1		
								Unit	Total seconds from 1993/01/01(TAI) epoch	H5T_C_S1		
								Data_description	Satellite eclipse time in TAI93	H5T_C_S1		
								Unit	second	H5T_C_S1		
71		Satellite_eclipse_time	衛星食明け時刻	H5T_IEEE_F64LE	1			Data_description	Satellite eclipse time in TAI93	H5T_C_S1		
								Unit	second	H5T_C_S1		
								Data_description	Tilt angle for each line	H5T_C_S1		
								Dim0	LIA-lines	H5T_C_S1		
72		Tilt_angle_LIA	LIAチルト角	H5T_IEEE_F32LE	27167			Unit	degree	H5T_C_S1		
								Dim0	LIA-pixels	H5T_C_S1		
								Error_value	-999	H5T_IEEE_F32LE		
								Dim0	LIA-pixels	H5T_C_S1		
73		StripeCorrection_slope_P1_m6	縞除去補正係数slope(P1)-60	H5T_IEEE_F32LE	857			Error_value	-999	H5T_IEEE_F32LE	縞除去機能がOFFのとき0.0	
								Dim0	LIA-pixels	H5T_C_S1		
								Error_value	-999	H5T_IEEE_F32LE		
								Dim0	LIA-pixels	H5T_C_S1		
74		StripeCorrection_slope_P1_0	縞除去補正係数slope(P1)0	H5T_IEEE_F32LE	857			Error_value	-999	H5T_IEEE_F32LE	縞除去機能がOFFのとき0.0	
								Dim0	LIA-pixels	H5T_C_S1		
								Error_value	-999	H5T_IEEE_F32LE		
								Dim0	LIA-pixels	H5T_C_S1		
75		StripeCorrection_slope_P1_p6	縞除去補正係数slope(P1)+60	H5T_IEEE_F32LE	857			Error_value	-999	H5T_IEEE_F32LE	縞除去機能がOFFのとき0.0	
								Dim0	LIA-pixels	H5T_C_S1		
								Error_value	-999	H5T_IEEE_F32LE		
								Dim0	LIA-pixels	H5T_C_S1		
76		StripeCorrection_slope_P2_m6	縞除去補正係数slope(P2)-60	H5T_IEEE_F32LE	857			Error_value	-999	H5T_IEEE_F32LE	縞除去機能がOFFのとき0.0	
								Dim0	LIA-pixels	H5T_C_S1		
								Error_value	-999	H5T_IEEE_F32LE		
								Dim0	LIA-pixels	H5T_C_S1		
77		StripeCorrection_slope_P2_0	縞除去補正係数slope(P2)0	H5T_IEEE_F32LE	857			Error_value	-999	H5T_IEEE_F32LE	縞除去機能がOFFのとき0.0	
								Dim0	LIA-pixels	H5T_C_S1		
								Error_value	-999	H5T_IEEE_F32LE		
								Dim0	LIA-pixels	H5T_C_S1		
78		StripeCorrection_slope_P2_p6	縞除去補正係数slope(P2)+60	H5T_IEEE_F32LE	857			Error_value	-999	H5T_IEEE_F32LE	縞除去機能がOFFのとき0.0	
								Dim0	LIA-pixels	H5T_C_S1		
								Error_value	-999	H5T_IEEE_F32LE		
								Dim0	LIA-pixels	H5T_C_S1		
79		StripeCorrection_offset_P1_m	縞除去補正係数offset(P1)-60	H5T_IEEE_F32LE	857			Error_value	-999	H5T_IEEE_F32LE	縞除去機能がOFFのとき0.0	
								Dim0	LIA-pixels	H5T_C_S1		
								Error_value	-999	H5T_IEEE_F32LE		
								Dim0	LIA-pixels	H5T_C_S1		
80		StripeCorrection_offset_P1_0	縞除去補正係数offset(P1)0	H5T_IEEE_F32LE	857			Error_value	-999	H5T_IEEE_F32LE	縞除去機能がOFFのとき0.0	
								Dim0	LIA-pixels	H5T_C_S1		
								Error_value	-999	H5T_IEEE_F32LE		
								Dim0	LIA-pixels	H5T_C_S1		
81		StripeCorrection_offset_P1_p	縞除去補正係数offset(P1)+60	H5T_IEEE_F32LE	857			Error_value	-999	H5T_IEEE_F32LE	縞除去機能がOFFのとき0.0	
								Dim0	LIA-pixels	H5T_C_S1		
								Error_value	-999	H5T_IEEE_F32LE		
								Dim0	LIA-pixels	H5T_C_S1		
82		StripeCorrection_offset_P2_m	縞除去補正係数offset(P2)-60	H5T_IEEE_F32LE	857			Error_value	-999	H5T_IEEE_F32LE	縞除去機能がOFFのとき0.0	
								Dim0	LIA-pixels	H5T_C_S1		
								Error_value	-999	H5T_IEEE_F32LE		
								Dim0	LIA-pixels	H5T_C_S1		
83		StripeCorrection_offset_P2_0	縞除去補正係数offset(P2)0	H5T_IEEE_F32LE	857			Error_value	-999	H5T_IEEE_F32LE	縞除去機能がOFFのとき0.0	
								Dim0	LIA-pixels	H5T_C_S1		
								Error_value	-999	H5T_IEEE_F32LE		
								Dim0	LIA-pixels	H5T_C_S1		
84		StripeCorrection_offset_P2_p	縞除去補正係数offset(P2)+60	H5T_IEEE_F32LE	857			Error_value	-999	H5T_IEEE_F32LE	縞除去機能がOFFのとき0.0	
								Dim0	LIA-pixels	H5T_C_S1		
								Error_value	-999	H5T_IEEE_F32LE		
								Dim0	LIA-pixels	H5T_C_S1		
	Ancillary_data	—	—	—	—	—	—	Data_description	Don't use the record when lack line. (Refer to Data_quality_flag/Qf_Scan of LIA-product)	H5T_C_S1		
85	Ancillary_data/TC_FPGA	Mode_register	モードレジスタ	H5T_STD_U8LE	2	27167		Data_description	Mode register	H5T_C_S1		
								Dim0	P1, P2	H5T_C_S1		
								Dim1	LIA-lines	H5T_C_S1		
								Data_description	Board address	H5T_C_S1		
86		Bord_address_register	ボードアドレスレジスタ	H5T_STD_U8LE	2	27167		Dim0	P1, P2	H5T_C_S1		
								Dim1	LIA-lines	H5T_C_S1		
								Data_description	SD4 PL-ASP A/B status	H5T_C_S1		
								Dim0	P1, P2	H5T_C_S1		
87		SD4_PL_ASP_A_B_status	SD4 PL-ASP A系/B系ステータス	H5T_STD_U8LE	2	27167		Dim1	LIA-lines	H5T_C_S1		
								Data_description	SD4 PL-ASP A/B status 0 : A 1 : B	H5T_C_S1		
								Dim0	P1, P2	H5T_C_S1		
								Dim1	LIA-lines	H5T_C_S1		
88		SD3_NP_ASP_A_B_status	SD3 NP-ASP A系/B系ステータス	H5T_STD_U8LE	2	27167		Data_description	SD3 NP-ASP A/B status 0 : A 1 : B	H5T_C_S1		
								Dim0	P1, P2	H5T_C_S1		
								Dim1	LIA-lines	H5T_C_S1		
								Data_description	SD2 MTR A/B status 0 : A 1 : B	H5T_C_S1		
89		SD2_MTR_A_B_status	SD2 MTR A系/B系ステータス	H5T_STD_U8LE	2	27167		Dim0	P1, P2	H5T_C_S1		
								Dim1	LIA-lines	H5T_C_S1		
								Data_description	SD1 HCE A/B status 0 : A 1 : B	H5T_C_S1		
								Dim0	P1, P2	H5T_C_S1		
90		SD1_HCE_A_B_status	SD1 HCE A系/B系ステータス	H5T_STD_U8LE	2	27167		Dim1	LIA-lines	H5T_C_S1		
								Data_description	Double buffer output status 0 : A 1 : B	H5T_C_S1		
								Dim0	P1, P2	H5T_C_S1		
								Dim1	LIA-lines	H5T_C_S1		
91		Double_buffer_output_status	バッファステータス	H5T_STD_U8LE	2	27167		Data_description	TC-FPGA ENA/DIS 0 : DISABLE 1 : ENABLE	H5T_C_S1		
								Dim0	P1, P2	H5T_C_S1		
								Dim1	LIA-lines	H5T_C_S1		
								Data_description	TC-FPGA ENA/DIS 0 : DISABLE 1 : ENABLE	H5T_C_S1		
92		TC_FPGA_ENA_DIS	TC-FPGA ENA/DIS ステータス	H5T_STD_U8LE	2	27167		Dim0	P1, P2	H5T_C_S1		
								Dim1	LIA-lines	H5T_C_S1		
								Dim0	P1, P2	H5T_C_S1		
								Dim1	LIA-lines	H5T_C_S1		

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
93	Ancillary_data/PL_DSP_FPGA	Raw_mode_DSP	生データ切り替えステータス	H5T_STD_U8LE	2	27167			Data_description	DSP status in raw data mode or observation mode 0 : Observation 1 : Raw	H5T_C_S1	
									TLM_info_tlmID	VN0075, VN0085	H5T_C_S1	
									TLM_info_name	VNR PL-1 RAW DAT MODE, VNR PL-2 RAW DAT MODE	H5T_C_S1	
									TLM_info_short_name	V PL-1 RAW MODE SEL, V PL-2 RAW MODE SEL	H5T_C_S1	
									Dim0	P1, P2	H5T_C_S1	
94		DAT_ena_dis_status	観測データEna/Disステータス	H5T_STD_U8LE	2	27167			Data_description	Observation data enable or disable status 0 : Disable 1 : Enable	H5T_C_S1	
									TLM_info_tlmID	VN0076, VN0086	H5T_C_S1	
									TLM_info_name	VNR PL-1 DAT ENA/DIS, VNR PL-2 DAT ENA/DIS	H5T_C_S1	
									TLM_info_short_name	V PL-1 DAT ENA/DIS, V PL-2 DAT ENA/DIS	H5T_C_S1	
									Dim0	P1, P2	H5T_C_S1	
95	Ancillary_data/PL_ASP_telemetr	Line_rate	ラインレート	H5T_STD_U8LE	2	27167	3		Data_description	Selected line rate status	H5T_C_S1	
									Dim0	P1, P2	H5T_C_S1	
									Dim1	L1A-lines	H5T_C_S1	
									Dim2	+60, 0, -60	H5T_C_S1	
									Dim1	L1A-lines	H5T_C_S1	
96		Shutter_set_band	シャッター設定切替バンド選択	H5T_STD_U8LE	2	27167	3		Data_description	Selected band number in integration time 9 : BAND1(+60) 10 : BAND2(0) 11 : BAND3(-60)	H5T_C_S1	
									Dim0	P1, P2	H5T_C_S1	
									Dim1	L1A-lines	H5T_C_S1	
									Dim2	+60, 0, -60	H5T_C_S1	
									Dim1	L1A-lines	H5T_C_S1	
97		Integration_time	積分時間	H5T_STD_U8LE	2	27167	3		Data_description	Selected Integration time	H5T_C_S1	
									Dim0	P1, P2	H5T_C_S1	
									Dim1	L1A-lines	H5T_C_S1	
									Dim2	+60, 0, -60	H5T_C_S1	
									Dim1	L1A-lines	H5T_C_S1	
98		t3	蓄積時間t3	H5T_IEEE_F64LE	2	27167	3		Data_description	Integration time t3(usec)	H5T_C_S1	
									Dim0	P1, P2	H5T_C_S1	
									Dim1	lines	H5T_C_S1	
									Dim2	+60, 0, -60	H5T_C_S1	
									Dim1	L1A-lines	H5T_C_S1	
99	Ancillary_data/PL_ASP_SD	PL_ASP_select	偏光鏡筒指定	H5T_STD_U8LE	2	27167			Data_description	Selected lens telescope name in command 1 : P1 2 : P2 5 : Internal lamp (PD monitor gain) 6 : Internal lamp (LED white on/off) 7 : Internal lamp (LED NIR on/off)	H5T_C_S1	
									TLM_info_tlmID	VN0562	H5T_C_S1	
									TLM_info_name	VNR PL TYPE	H5T_C_S1	
									TLM_info_short_name	V PL SEL	H5T_C_S1	
									Dim0	P1, P2	H5T_C_S1	
100		PL_ASP_mode_status(PL1)	偏光動作切替(PL1)	H5T_STD_U8LE	2	27167			Data_description	Selected mode of each lens telescope 1 : Wait mode 3 : Observation mode (observation data input) 5 : Observation mode (electrical calibration input)	H5T_C_S1	
									TLM_info_tlmID	VN0563	H5T_C_S1	
									TLM_info_name	VNR PL-1 MODE	H5T_C_S1	
									TLM_info_short_name	V PL-1 MODE	H5T_C_S1	
									Dim0	P1, P2	H5T_C_S1	
101		PL_ASP_mode_status(PL2)	偏光動作切替(PL2)	H5T_STD_U8LE	2	27167			Data_description	Selected mode of each lens telescope 1 : Wait mode 3 : Observation mode (observation data input) 5 : Observation mode (electrical calibration input)	H5T_C_S1	
									TLM_info_tlmID	VN0564	H5T_C_S1	
									TLM_info_name	VNR PL-2 MODE	H5T_C_S1	
									TLM_info_short_name	V PL-2 MODE	H5T_C_S1	
									Dim0	P1, P2	H5T_C_S1	
102		DET_drive_status(PL1)	DET ON/OFF(PL1)	H5T_STD_U8LE	2	27167			Data_description	Detector CCD drive status 0 : OFF 1 : ON	H5T_C_S1	
									TLM_info_tlmID	VN0565	H5T_C_S1	
									TLM_info_name	VNR PL-1 DET ON/OFF	H5T_C_S1	
									TLM_info_short_name	V PL-1 DET ON/OFF	H5T_C_S1	
									Dim0	P1, P2	H5T_C_S1	
103		DET_drive_status(PL2)	DET ON/OFF(PL2)	H5T_STD_U8LE	2	27167			Data_description	Detector CCD drive status 0 : OFF 1 : ON	H5T_C_S1	
									TLM_info_tlmID	VN0566	H5T_C_S1	
									TLM_info_name	VNR PL-2 DET ON/OFF	H5T_C_S1	
									TLM_info_short_name	V PL-2 DET ON/OFF	H5T_C_S1	
									Dim0	P1, P2	H5T_C_S1	
								Dim1	L1A-lines	H5T_C_S1		

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
104		Electric_cal_level(PL1)	電気校正切替(PL1)	H5T_STD_U8LE	2	27167			Data_description	Electrical calibration signal level status 1 : Level 1 2 : Level 2 3 : Level 3 4 : Level 4 5 : Level 5 6 : Level 6	H5T_C_S1	
									TLM_info_tlmID	VN0569	H5T_C_S1	
									TLM_info_name	VNR PL-1 ELEC CAL LEVEL	H5T_C_S1	
									TLM_info_short_name	V PL-1 ELEC CAL	H5T_C_S1	
									Dim0	P1, P2	H5T_C_S1	
									Dim1	L1A-lines	H5T_C_S1	
105		Electric_cal_level(PL2)	電気校正切替(PL2)	H5T_STD_U8LE	2	27167			Data_description	Electrical calibration signal level status 1 : Level 1 2 : Level 2 3 : Level 3 4 : Level 4 5 : Level 5 6 : Level 6	H5T_C_S1	
									TLM_info_tlmID	VN0570	H5T_C_S1	
									TLM_info_name	VNR PL-2 ELEC CAL LEVEL	H5T_C_S1	
									TLM_info_short_name	V PL-2 ELEC CAL	H5T_C_S1	
									Dim0	P1, P2	H5T_C_S1	
									Dim1	L1A-lines	H5T_C_S1	
106		PD_monitor_gain	光量モニタゲイン	H5T_STD_U8LE	2	27167			Data_description	Sun monitor gain 0 : HI gain 1 : LO gain	H5T_C_S1	
									TLM_info_tlmID	VN0573	H5T_C_S1	
									TLM_info_name	VNR PD GAIN HI/LO	H5T_C_S1	
									TLM_info_short_name	V PD GAIN	H5T_C_S1	
									Dim0	P1, P2	H5T_C_S1	
									Dim1	L1A-lines	H5T_C_S1	
107		LED_white_on_off	白色LED ON/OFF	H5T_STD_U8LE	2	27167			Data_description	White LED ON/OFF status 0 : LED1 OFF / LED2 OFF 1 : LED1 OFF / LED2 ON 2 : LED1 ON / LED2 OFF 3 : LED1 ON / LED2 ON	H5T_C_S1	
									TLM_info_tlmID	VN0574	H5T_C_S1	
									TLM_info_name	VNR VIS-LED ON/OFF	H5T_C_S1	
									TLM_info_short_name	V VIS-LED ON/OFF	H5T_C_S1	
									Dim0	P1, P2	H5T_C_S1	
									Dim1	L1A-lines	H5T_C_S1	
108		LED_NIR_on_off	近赤外LED ON/OFF	H5T_STD_U8LE	2	27167			Data_description	LED NIR status 0 : LED1 OFF / LED2 OFF 1 : LED1 OFF / LED2 ON 2 : LED1 ON / LED2 OFF 3 : LED1 ON / LED2 ON	H5T_C_S1	
									TLM_info_tlmID	VN0575	H5T_C_S1	
									TLM_info_name	VNR NIR-LED ON/OFF	H5T_C_S1	
									TLM_info_short_name	V NIR-LED ON/OFF	H5T_C_S1	
									Dim0	P1, P2	H5T_C_S1	
									Dim1	L1A-lines	H5T_C_S1	
109		PD_monitor	光量モニタ	H5T_IEEE_F32LE	2	27167	4		Data_description	Sun monitor	H5T_C_S1	
									TLM_info_tlmID	VN0576, VN0577, VN0578, VN0579	H5T_C_S1	
									TLM_info_name	VNR PD MON1, VNR PD MON2, VNR PD MON3, VNR PD MON4	H5T_C_S1	
									TLM_info_short_name	V PD LEV1, V PD LEV2, V PD LEV3, V PD LEV4	H5T_C_S1	
									Minimum_valid_value	0	H5T_IEEE_F32LE	
									Maximum_valid_value	-999	H5T_IEEE_F32LE	
									Dim0	P1, P2	H5T_C_S1	
									Dim1	L1A-lines	H5T_C_S1	
									Dim2	monitor1-monitor4	H5T_C_S1	
									Unit	nA	H5T_C_S1	
110		LED_white_current	内部光源駆動電流(白色LED)	H5T_IEEE_F32LE	2	27167	2	4	Data_description	LED white current	H5T_C_S1	
									TLM_info_tlmID	VN0580, VN0581, VN0582, VN0583, VN0584, VN0585, VN0586, VN0587	H5T_C_S1	
									TLM_info_name	VNR VIS-LED1-1 CUR, VNR VIS-LED1-2 CUR, VNR VIS-LED1-3 CUR, VNR VIS-LED1-4 CUR, VNR VIS-LED2-1 CUR, VNR VIS-LED2-2 CUR, VNR VIS-LED2-3 CUR, VNR VIS-LED2-4 CUR	H5T_C_S1	
									TLM_info_short_name	V VIS-LED1-1 CUR, V VIS-LED1-2 CUR, V VIS-LED1-3 CUR, V VIS-LED1-4 CUR, V VIS-LED2-1 CUR, V VIS-LED2-2 CUR, V VIS-LED2-3 CUR, V VIS-LED2-4 CUR	H5T_C_S1	
									Minimum_valid_value	0	H5T_IEEE_F32LE	
									Maximum_valid_value	80	H5T_IEEE_F32LE	
									Dim0	P1, P2	H5T_C_S1	
									Dim1	L1A-lines	H5T_C_S1	
									Dim2	white LED1, white LED2	H5T_C_S1	
									Dim3	cur1-cur4	H5T_C_S1	
Unit	mA	H5T_C_S1										
111		LED_NIR_current	内部光源駆動電流(近赤外LED)	H5T_IEEE_F32LE	2	27167	2		Data_description	LED NIR current	H5T_C_S1	
									TLM_info_tlmID	VN0588, VN0589	H5T_C_S1	
									TLM_info_name	VNR NIR-LED1 CUR, VNR NIR-LED2 CUR	H5T_C_S1	
									TLM_info_short_name	V NIR-LED1 CUR, V NIR-LED2 CUR	H5T_C_S1	
									Minimum_valid_value	0	H5T_IEEE_F32LE	
									Maximum_valid_value	120	H5T_IEEE_F32LE	
									Dim0	P1, P2	H5T_C_S1	
									Dim1	L1A-lines	H5T_C_S1	
									Dim2	NIR LED1 NIR LED2	H5T_C_S1	
									Unit	mA	H5T_C_S1	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
112		LED_white_temperature	白色LED用温度モニタ	H5T_IEEE_F32LE	2	27167	2	Data_description	LED white temperature	H5T_C_S1		
								TLM_info_tlmID	VN0590, VN0591	H5T_C_S1		
								TLM_info_name	VNR VIS-LED TMP1, VNR VIS-LED TMP2	H5T_C_S1		
								TLM_info_short_name	V VIS-LED TMP1, V VIS-LED TMP2	H5T_C_S1		
								Minimum_valid_value	0	H5T_IEEE_F32LE		
								Maximum_valid_value	60	H5T_IEEE_F32LE		
								Dim0	P1, P2	H5T_C_S1		
								Dim1	L1A-lines	H5T_C_S1		
								Dim2	LED1 monitor, LED2 monitor	H5T_C_S1		
								Unit	degree C	H5T_C_S1		
								Data_description	LED NIR temperature	H5T_C_S1		
								TLM_info_tlmID	VN0592, VN0593	H5T_C_S1		
								TLM_info_name	VNR NIR-LED TMP1, VNR NIR-LED TMP2	H5T_C_S1		
TLM_info_short_name	V NIR-LED TMP1, V NIR-LED TMP2	H5T_C_S1										
Minimum_valid_value	0	H5T_IEEE_F32LE										
Maximum_valid_value	60	H5T_IEEE_F32LE										
Dim0	P1, P2	H5T_C_S1										
Dim1	L1A-lines	H5T_C_S1										
Dim2	LED1 monitor, LED2 monitor	H5T_C_S1										
Unit	degree C	H5T_C_S1										
114		PD_monitor_temperature	光量モニタ用温度モニタ	H5T_IEEE_F32LE	2	27167	2	Data_description	Sun monitor temperature	H5T_C_S1		
								TLM_info_tlmID	VN0594	H5T_C_S1		
								TLM_info_name	VNR PD TMP	H5T_C_S1		
								TLM_info_short_name	V PD TMP	H5T_C_S1		
								Minimum_valid_value	0	H5T_IEEE_F32LE		
								Maximum_valid_value	60	H5T_IEEE_F32LE		
								Dim0	P1, P2	H5T_C_S1		
								Dim1	L1A-lines	H5T_C_S1		
								Dim2	LED1 monitor, LED2 monitor	H5T_C_S1		
								Unit	degree C	H5T_C_S1		
								Data_description	CCD temperature	H5T_C_S1		
								TLM_info_tlmID	VN0595, VN0596	H5T_C_S1		
								TLM_info_name	VNR PL CCD TMP1, VNR PL CCD TMP2	H5T_C_S1		
TLM_info_short_name	V PL CCD TMP1, V PL CCD TMP2	H5T_C_S1										
Minimum_valid_value	0	H5T_IEEE_F32LE										
Maximum_valid_value	60	H5T_IEEE_F32LE										
Dim0	P1, P2	H5T_C_S1										
Dim1	L1A-lines	H5T_C_S1										
Dim2	temp1, temp2	H5T_C_S1										
Unit	degree C	H5T_C_S1										
116		CCD_temperature (PL2)	CCD温度モニタ (PL2)	H5T_IEEE_F32LE	2	27167	2	Data_description	CCD temperature	H5T_C_S1		
								TLM_info_tlmID	VN0597, VN0598	H5T_C_S1		
								TLM_info_name	VNR PL CCD TMP3, VNR PL CCD TMP4	H5T_C_S1		
								TLM_info_short_name	V PL CCD TMP3, V PL CCD TMP4	H5T_C_S1		
								Minimum_valid_value	0	H5T_IEEE_F32LE		
								Maximum_valid_value	60	H5T_IEEE_F32LE		
								Dim0	P1, P2	H5T_C_S1		
								Dim1	L1A-lines	H5T_C_S1		
								Dim2	temp3, temp4	H5T_C_S1		
								Unit	degree C	H5T_C_S1		
								Data_description	Steer angle of scatter diffuser	H5T_C_S1		
								TLM_info_tlmID	VN0668	H5T_C_S1		
								TLM_info_name	VNR DIF PLS (ANG)	H5T_C_S1		
TLM_info_short_name	V DIF PLS CNT (ANG)	H5T_C_S1										
Minimum_valid_value	-175	H5T_IEEE_F32LE										
Maximum_valid_value	45	H5T_IEEE_F32LE										
Dim0	P1, P2	H5T_C_S1										
Dim1	L1A-lines	H5T_C_S1										
Unit	degree	H5T_C_S1										
Data_description	Status of scatter diffuser 0 : Stop 1 : Drive	H5T_C_S1										
TLM_info_tlmID	VN0603	H5T_C_S1										
TLM_info_name	VNR DIF MOVE ST	H5T_C_S1										
TLM_info_short_name	V DIF MOVE ST	H5T_C_S1										
Dim0	P1, P2	H5T_C_S1										
Dim1	L1A-lines	H5T_C_S1										
Data_description	Status of tilt 0 : Stop 1 : Drive	H5T_C_S1										
TLM_info_tlmID	VN0628	H5T_C_S1										
TLM_info_name	VNR TLT MOVE ST	H5T_C_S1										
TLM_info_short_name	V TILT MOVE ST	H5T_C_S1										
Dim0	P1, P2	H5T_C_S1										
Dim1	L1A-lines	H5T_C_S1										
Data_description	Tilt angle of VNR-PL lens telescope	H5T_C_S1										
TLM_info_tlmID	VN0669	H5T_C_S1										
TLM_info_name	VNR TLT PLS (ANG)	H5T_C_S1										
TLM_info_short_name	V TLT PLS CNT (ANG)	H5T_C_S1										
Minimum_valid_value	-90	H5T_IEEE_F32LE										
Maximum_valid_value	90	H5T_IEEE_F32LE										
Dim0	P1, P2	H5T_C_S1										
Dim1	L1A-lines	H5T_C_S1										
Unit	degree	H5T_C_S1										
Data_description	Tilt angle from resolver count of VNR-PL lens telescope	H5T_C_S1										
TLM_info_tlmID	VN0638	H5T_C_S1										
TLM_info_name	VNR TLT RESE DAT	H5T_C_S1										
TLM_info_short_name	V TLT RESE DAT	H5T_C_S1										
Minimum_valid_value	-90	H5T_IEEE_F32LE										
Maximum_valid_value	90	H5T_IEEE_F32LE										
Dim0	P1, P2	H5T_C_S1										
Dim1	L1A-lines	H5T_C_S1										
Unit	degree	H5T_C_S1										

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
122	Ancillary_data/HCE_SD	HCE_temperature	HCE センサ計測温度	H5T_IEEE_F64LE	2	27167	64		Data description	HCE sensor temperature	H5T_C_S1	
									TLM_info_tlmID	VN0345-VN0408	H5T_C_S1	
									TLM_info_name	VNR_HCE_CH1_TMP-VNR_HCE_CH1_TMP	H5T_C_S1	
									TLM_info_short_name	V_HCE_TMP_NUM1-V_HCE_TMP_NUM64	H5T_C_S1	
									Minimum valid value	0	H5T_IEEE_F64LE	
									Maximum valid value	-999	H5T_IEEE_F64LE	
									Dim0	P1_P2	H5T_C_S1	
									Dim1	L1A-lines	H5T_C_S1	
									Dim2	temp1-temp64	H5T_C_S1	
									Unit	degree C	H5T_C_S1	
									Converted_PCD			
Worst_orbit_source_data_description	Source of orbit data(GPS_position_ECR, GPS_velocity_ECR, GPS_position_ECI, GPS_velocity_ECI, Argument_of_latitude) 0 : Realtime PCD 1 : Decision Ephemeris 2 : Prediction Ephemeris	H5T_C_S1										
Worst_attitude_source	0	H5T_STD_U8LE										
Worst_attitude_source_data_description	Source of attitude data(Attitude_time, Attitude_error_angle, Attitude_angular_velocity, Attitude_flag, Quaternion, Quaternion_index, Quaternion_number) 0 : Realtime PCD (Quaternion) 1 : Realtime PCD (Eular angle) 2 : Nominal	H5T_C_S1										
123	Navigation_time	GPS航法時刻	H5T_IEEE_F64LE	4139				Data description	GPS navigation time	H5T_C_S1		
								Epoch time	19800106 00:00:00	H5T_C_S1		
								Dim0	orbit records (1Hz)	H5T_C_S1		
								Unit	sec	H5T_C_S1		
124	GPS_position_ECR	GPS衛星位置(WGS84座標系)	H5T_IEEE_F32LE	4139	3			Data description	GCOM-C position calculated by GPS	H5T_C_S1		
								Coordinate system	WGS84	H5T_C_S1		
								Dim0	orbit records (1Hz)	H5T_C_S1		
								Dim1	x, y, z	H5T_C_S1		
								Unit	km	H5T_C_S1		
125	GPS_velocity_ECR	GPS衛星速度(WGS84座標系)	H5T_IEEE_F32LE	4139	3			Data description	GCOM-C velocity calculated by GPS	H5T_C_S1		
								Coordinate system	WGS84	H5T_C_S1		
								Dim0	orbit records (1Hz)	H5T_C_S1		
								Dim1	Vx, Vy, Vz	H5T_C_S1		
								Unit	km/s	H5T_C_S1		
126	GPS_position_ECI	GPS衛星位置(J2000座標系)	H5T_IEEE_F32LE	4139	3			Data description	GCOM-C position calculated by GPS	H5T_C_S1		
								Coordinate system	J2000	H5T_C_S1		
								Dim0	orbit records (1Hz)	H5T_C_S1		
								Dim1	x, y, z	H5T_C_S1		
								Unit	km	H5T_C_S1		
127	GPS_velocity_ECI	GPS衛星速度(J2000座標系)	H5T_IEEE_F32LE	4139	3			Data description	GCOM-C velocity calculated by GPS	H5T_C_S1		
								Coordinate system	J2000	H5T_C_S1		
								Dim0	orbit records (1Hz)	H5T_C_S1		
								Dim1	Vx, Vy, Vz	H5T_C_S1		
								Unit	km/s	H5T_C_S1		
128	Argument_of_latitude	緯度指数(WGS84座標系)[真緯度指数]	H5T_IEEE_F32LE	4139				Data description	Argument of latitude (true anomaly)	H5T_C_S1		
								Coordinate system	WGS84	H5T_C_S1		
								Dim0	orbit records (1Hz)	H5T_C_S1		
								Unit	degree	H5T_C_S1		

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
129		Navigation_status	航法ステータス	H5T_STD_U32LE	4139				Data_description	Navigation status	H5T_C_S1	
									Bit00(LSB)-01	navigation status 00 : Stop 01 : AG filter 10 : Kalman filter 11 : Kalman filter(Convergence)	H5T_C_S1	
									Bit02-07	spare	H5T_C_S1	
									Bit08-09	antenna (CH1) 00 : Not use 01 : GPSR-A 10 : GPSR-B 11 : N/A	H5T_C_S1	
									Bit10-11	antenna (CH2) 00 : Not use 01 : GPSR-A 10 : GPSR-B 11 : N/A	H5T_C_S1	
									Bit12-13	antenna (CH3) 00 : Not use 01 : GPSR-A 10 : GPSR-B 11 : N/A	H5T_C_S1	
									Bit14-15	antenna (CH4) 00 : Not use 01 : GPSR-A 10 : GPSR-B 11 : N/A	H5T_C_S1	
									Bit16-17	antenna (CH5) 00 : Not use 01 : GPSR-A 10 : GPSR-B 11 : N/A	H5T_C_S1	
									Bit18-19	antenna (CH6) 00 : Not use 01 : GPSR-A 10 : GPSR-B 11 : N/A	H5T_C_S1	
									Bit20-21	antenna (CH7) 00 : Not use 01 : GPSR-A 10 : GPSR-B 11 : N/A	H5T_C_S1	
130	Attitude_time	姿勢決定時刻[GPS]	H5T_IEEE_F64LE	4139					Dim0	Realtime PCD records (1Hz)	H5T_C_S1	
									Data_description	Time when attitude determined	H5T_C_S1	
									Epoch_time	19800106 00:00:00	H5T_C_S1	
									Dim0	attitude records (1Hz)	H5T_C_S1	
									Unit	sec	H5T_C_S1	
131	Attitude_error_angle	姿勢誤差 [軌道面座標系]	H5T_IEEE_F32LE	4139	3				Data_description	Attitude error	H5T_C_S1	
									Dim0	attitude records (1Hz)	H5T_C_S1	
									Dim1	Roll, Pitch, Yaw	H5T_C_S1	
									Unit	degree	H5T_C_S1	
132	Attitude_angular_velocity	姿勢角速度 [軌道面座標系]	H5T_IEEE_F32LE	4139	3				Data_description	Attitude angular velocity	H5T_C_S1	
									Dim0	attitude records (1Hz)	H5T_C_S1	
									Dim1	Roll, Pitch, Yaw	H5T_C_S1	
									Unit	degree/sec	H5T_C_S1	
133	Attitude_flag	姿勢フラグ	H5T_STD_U8LE	4139					Data_description	Quaternion usable / unusable flag 0 : ESA/IRU (quaternion unusable) 1 : STT/IRU (quaternion usable) 255 : Error value	H5T_C_S1	
									Dim0	attitude records (1Hz)	H5T_C_S1	
									Dim1	Quaternion(9-11 data per sec)	H5T_C_S1	
134	Quaternion	クォータニオン	H5T_IEEE_F32LE	4139	11	4			Error value	-999.99	H5T_IEEE_F32LE	
									Dim0	attitude records (1Hz)	H5T_C_S1	
									Dim1	Maximum number of quaternions (unusable area is stored with indefinite value)	H5T_C_S1	
									Dim2	q1, q2, q3, q4(scalar)	H5T_C_S1	
									Data_description	Quaternion index (0-10) corresponds to "Att time"	H5T_C_S1	
135	Quaternion_index	姿勢決定時刻インデックス	H5T_STD_U8LE	4139					Dim0	attitude records (1Hz)	H5T_C_S1	
									Error value	255	H5T_STD_U8LE	
									Minimum_valid_value	0	H5T_STD_U8LE	
									Maximum_valid_value	10	H5T_STD_U8LE	
									Data_description	Available number of quaternion	H5T_C_S1	
136	Quaternion_number	クォータニオンの有効数	H5T_STD_U8LE	4139					Dim0	attitude records (1Hz)	H5T_C_S1	
									Error value	255	H5T_STD_U8LE	
									Minimum_valid_value	9	H5T_STD_U8LE	
									Maximum_valid_value	11	H5T_STD_U8LE	
									Data_description	Available number of quaternion	H5T_C_S1	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
137		AOCS_mode	AOCS制御モード	H5T_STD_U8LE	4139				Data_description	AOCS(Attitude and Orbit Control System) control mode	H5T_C_S1	
									Bit00(LSB)-07	Control Mode / Control Sub Mode 01110000 : Normal control / Not execute unloading 01110001 : Normal control / Execute magnetic unloading 01110010 : Normal control / Execute thruster unloading 10000000 : Orbit control / Attitude control thruster Delta-V (pitch and yaw-failure) 10000001 : Orbit control / Orbit control thruster (normal) 10000010 : Orbit control / Orbit control thruster Delta-V (pitch-failure) 10000011 : Orbit control / Orbit control thruster Delta-V (yaw-failure) 10000100 : Orbit control / Attitude control thruster(Three axis stabilized attitude control) 10000101 : Orbit control / Delta-V Idling 10000110 : Orbit control / Yaw around (first half) 10000111 : Orbit control / Yaw around (last half) 10010000 : Calibration Maneuver / Solar calibration or Gain deviation maneuver(First maneuver) 10010001 : Calibration Maneuver / Solar calibration or Gain deviation maneuver(Second maneuver) 10010010 : Calibration Maneuver / Solar calibration or Gain deviation maneuver(Third maneuver) 10010011 : Calibration Maneuver / Lunar calibration maneuver(First maneuver) 10010100 : Calibration Maneuver / Lunar calibration maneuver(Second maneuver) 10010101 : Calibration Maneuver / Lunar calibration maneuver(Third maneuver) Others : Not defined	H5T_C_S1	
									Error_value	255	H5T_C_S1	
138		Orbit_source	軌道情報の源泉種別	H5T_STD_U8LE	4139				Dim0	Realtime PCD records (1Hz)	H5T_C_S1	
									Data_description	Source of orbit data(GPS_position_ECR, GPS_velocity_ECR, GPS_position_ECI, GPS_velocity_ECI, Argument_of_latitude) 0 : Realtime PCD 1 : Decision Ephemeris 2 : Prediction Ephemeris	H5T_C_S1	
139		Attitude_source	姿勢情報の源泉種別	H5T_STD_U8LE	4139				Dim0	orbit records (1Hz)	H5T_C_S1	
									Data_description	Source of attitude data(Attitude_time, Attitude_error_angle, Attitude_angular_velocity, Attitude_flag, Quaternion, Quaternion_index, Quaternion_number) 0 : Realtime PCD (Quaternion) 1 : Realtime PCD (Eular angle) 2 : Manual	H5T_C_S1	
140	Data_quality_flag	Qf_scan	スキャン品質フラグ	H5T_STD_U8LE	6	27680			Dim0	attitude records (1Hz)	H5T_C_S1	
									Data_description	Quality flag of each scan	H5T_C_S1	
									Dim0	P1:+60, 0, -60, P2:+60, 0, -60	H5T_C_S1	
									Dim1	L1B-lines	H5T_C_S1	
									Bit00(LSB)-002	Quality flag 000 : Normal line 001 : Lack line 011 : Lack line (1km/500m->250m or 1km->500m) 100 : Lack line (for calibration) 101 : Lack line (for synchronization between sensors) 010 : Resampling line (250m->1km/500m) 110 : Resampling line (500m->1km) 111 : Mixed line (000, 001, 011, 100, 101, 010, 110)	H5T_C_S1	
141		Qf_data	データ品質フラグ	H5T_STD_U16LE	27680	1000			Data_description	Quality flag of each pixel	H5T_C_S1	
									Bit00(LSB)-Bit05	Stray-light quantity flag P1_m60 P1_0 P1_p60 P2_m60 P2_0 P2_p60 0 : Less than threshold 1 : More than threshold	H5T_C_S1	
									Bit06-Bit11	joint surface on polarization filter effect to stray-light correction P1_m60 P1_0 P1_p60 P2_m60 P2_0 P2_p60 0 : Not affect 1 : Affect	H5T_C_S1	
									Dim0	L1B-lines	H5T_C_S1	
									Dim1	L1B-pixels	H5T_C_S1	
142		Qf_data_filter	偏光フィルタの接合面無効値フラグ	H5T_STD_U8LE	27680	1000			Data_description	Data invalid flag of joint surface on polarization filter	H5T_C_S1	
									Bit00(LSB)-Bit05	P1_m60 P1_0 P1_p60 P2_m60 P2_0 P2_p60 0 : Not joint surface 1 : Joint surface	H5T_C_S1	
									Dim0	L1B-lines	H5T_C_S1	
								Dim1	L1B-pixels	H5T_C_S1		

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
143		Qf_data_stray	迷光補正量	H5T_STD_U8LE	27680	1000			Data_description	delta_L: The amount of stray light correction for the representative channel, delta_L = Ltrue - Lobs, where Ltrue is the stray light corrected radiance, Lobs is the observed radiance respectively. Band_weighted_TOA_solar_irradiance, F0/D^2; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Band_width	20.0	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	673.5	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	1503.605	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m^2/um	H5T_C_S1	
									Dim0	L1B-lines	H5T_C_S1	
									Dim1	L1B-pixels	H5T_C_S1	
									Error_DN	255	H5T_STD_U8LE	
									Maximum_valid_DN	254	H5T_STD_U8LE	
									Minimum_valid_DN	0	H5T_STD_U8LE	
									Saturation_radiance	322.3	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m^2/um/sr	H5T_C_S1	
									Spatial_resolution	1000.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Unit	W/m^2/um/sr	H5T_C_S1	
									Slope	0.02146258	H5T_IEEE_F32LE	
									Offset	-29.3	H5T_IEEE_F32LE	
									144		Qf_GPS	
Data_description	Quality flag of GPS 0 : GPS time standard 1 : DMS time standard 255 : Error value	H5T_C_S1										
145		Qf_sc_position	衛星の位置の品質フラグ	H5T_STD_U8LE	4139				Dim0	orbit records (1Hz)	H5T_C_S1	
									Data_description	Quality flag of GCOM-C position 0 : Normal 1 : Satellite position value falls outside the normal range(or Error value)	H5T_C_S1	
146		Qf_sc_velocity	衛星の速度の品質フラグ	H5T_STD_U8LE	4139				Dim0	orbit records (1Hz)	H5T_C_S1	
									Data_description	Quality flag of GCOM-C velocity 0 : Normal 1 : Satellite velocity value falls outside the normal range(or Error value)	H5T_C_S1	
147		Qf_sc_attitude_quaternion	衛星の姿勢 (クォータニオン) の品質フラグ	H5T_STD_U8LE	4139				Dim0	attitude records (1Hz)	H5T_C_S1	
									Data_description	Quality flag of GCOM-C quaternion 0 : Normal 1 : Abnormal(or Error value)	H5T_C_S1	
148		Qf_sc_attitude_eular_angle	衛星の姿勢 (オイラー角) の品質フラグ	H5T_STD_U8LE	4139				Dim0	attitude records (1Hz)	H5T_C_S1	
									Data_description	Quality flag of GCOM-C eular angle 0 : Normal 1 : Abnormal(or Error value)	H5T_C_S1	
149		Qf_sc_status	衛星の状態を示すフラグ	H5T_STD_U8LE	4139				Dim0	attitude records (1Hz)	H5T_C_S1	
									Data_description	Quality flag of GCOM-C status 0 : Normal 1 : Possibly less accurate around maneuver or tilt	H5T_C_S1	
150		Qf_sun_calibration	太陽光校正フラグ	H5T_STD_U8LE	27167				Dim0	orbit records (1Hz)	H5T_C_S1	
									Data_description	Quality flag of Sun calibration 0 : Not Sun calibration 1 : Sun calibration 2 : Sun calibration(Solar elevation value falls outside the normal range)	H5T_C_S1	
151		Qf_internal_lamp_calibration	内部光源校正フラグ	H5T_STD_U8LE	27167				Dim0	L1A-lines	H5T_C_S1	
									Data_description	Quality flag of internal lamp calibration 0 : Not internal lamp calibration 1 : Internal lamp calibration	H5T_C_S1	
152		Qf_electric_calibration	電気校正フラグ	H5T_STD_U8LE	27167				Dim0	L1A-lines	H5T_C_S1	
									Data_description	Quality flag of electrical calibration 0 : Not electrical calibration 1 : Electrical calibration 2 : Indefinite	H5T_C_S1	
153		Qf_maneuver	マヌーバ校正フラグ	H5T_STD_U8LE	27167				Dim0	L1A-lines	H5T_C_S1	
									Data_description	Quality flag of maneuver 0 : Not maneuver 1 : Not maneuver(out of range) 11 : Maneuver(Moon,out of range) 12 : Maneuver(Moon,in of range) 13 : Maneuver(Moon,indefinite) 21 : Maneuver(Sun/Gain deviation) 22 : Maneuver(Sun/Gain deviation, indefinite) 31 : Orbit Control Mode (STT/IRU) 32 : Orbit Control Mode (STT/IRU, indefinite) 33 : Orbit Control Mode(not STT/IRU) 34 : Orbit Control Mode(not STT/IRU, indefinite) 255 : AOCs Control Mode Error value(nominal attitude)	H5T_C_S1	
154		Qf_shutter_set	積分時間不定フラグ	H5T_STD_U8LE	27167				Dim0	L1A-lines	H5T_C_S1	
									Data_description	Quality flag of shutter set 0 : Normal 1 : indefinite	H5T_C_S1	
155		Qf_tilt_angle	チルト角の品質フラグ	H5T_STD_U8LE	27167				Dim0	L1A-lines	H5T_C_S1	
									Data_description	Quality flag of tilt angle 0 : Normal 1 : tilt angle value falls outside the normal range	H5T_C_S1	
									Dim0	L1A-lines	H5T_C_S1	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
156		Qf_CCD_temperature_VN	CCD温度の品質フラグ (NP)	H5T_STD_U8LE	27167				Data_description	Quality flag of CCD temperature (VNR-NP)	H5T_C_S1	
									Bit00 (LSB)	temperature1 (Left lens telescope) 0 : Normal 1 : CCD temperature falls outside the normal range	H5T_C_S1	
									Bit01	temperature2 (Left lens telescope) 0 : Normal 1 : CCD temperature falls outside the normal range	H5T_C_S1	
									Bit02	temperature1 (Nadir lens telescope) 0 : Normal 1 : CCD temperature falls outside the normal range	H5T_C_S1	
									Bit03	temperature2 (Nadir lens telescope) 0 : Normal 1 : CCD temperature falls outside the normal range	H5T_C_S1	
									Bit04	temperature1 (Right lens telescope) 0 : Normal 1 : CCD temperature falls outside the normal range	H5T_C_S1	
									Bit05	temperature2 (Right lens telescope) 0 : Normal 1 : CCD temperature falls outside the normal range	H5T_C_S1	
157		Qf_CCD_temperature_PL	CCD温度の品質フラグ (PL)	H5T_STD_U8LE	27167				Dim0	L1A-lines	H5T_C_S1	
									Data_description	Quality flag of CCD temperature (VNR-PL)	H5T_C_S1	
									Bit00 (LSB)	temperature1 (P1) 0 : Normal 1 : CCD temperature falls outside the normal range	H5T_C_S1	
									Bit01	temperature2 (P1) 0 : Normal 1 : CCD temperature falls outside the normal range	H5T_C_S1	
									Bit02	temperature1 (P2) 0 : Normal 1 : CCD temperature falls outside the normal range	H5T_C_S1	
158		Qf_LED_temperature	LED温度の品質フラグ	H5T_STD_U8LE	27167				Dim0	L1A-lines	H5T_C_S1	
									Data_description	Quality flag of LED	H5T_C_S1	
									Bit00 (LSB)	temperature (white LED1) 0 : Normal 1 : LED temperature falls outside the normal range	H5T_C_S1	
									Bit01	temperature (white LED2) 0 : Normal 1 : LED temperature falls outside the normal range	H5T_C_S1	
									Bit02	temperature (NIR LED1) 0 : Normal 1 : LED temperature falls outside the normal range	H5T_C_S1	
159		Qf_LED_temperature	LED温度の品質フラグ	H5T_STD_U8LE	27167				Bit03	temperature (NIR LED2) 0 : Normal 1 : LED temperature falls outside the normal range	H5T_C_S1	
									Dim0	L1A-lines	H5T_C_S1	
									Data_description	Quality flag of ASP temperature	H5T_C_S1	
									Bit00 (LSB)	ASP temperature 0 : Normal 1 : ASP temperature falls outside the normal range	H5T_C_S1	
									Dim0	L1A-lines	H5T_C_S1	
160		Qf_sun_monitor_temperature	光量モニタの品質フラグ	H5T_STD_U8LE	27167				Data_description	Quality flag of sun monitor temperature	H5T_C_S1	
									Bit00 (LSB)-Bit03	monitor1-monitor4 0 : Normal 1 : Sun monitor value falls outside the normal range	H5T_C_S1	
161		Qf_diffuser	拡散板の品質フラグ	H5T_STD_U8LE	27167				Dim0	L1A-lines	H5T_C_S1	
									Data_description	Quality flag of scatter diffuser angle 0 : Normal 1 : Scatter diffuser angle falls outside the normal range	H5T_C_S1	
162		Qf_offset	オフセット値の算出フラグ 分光放射輝度算出に使用したオフセット値の品質フラグ	H5T_STD_U16LE	27167				Dim0	L1A-lines	H5T_C_S1	
									Data_description	Quality flag of offset	H5T_C_S1	
									Bit00 (LSB)	P1 +60degree 0 : Good precision 1 : Bad precision	H5T_C_S1	
									Bit01	P1 0degree 0 : Good precision 1 : Bad precision	H5T_C_S1	
									Bit02	P1 -60degree 0 : Good precision 1 : Bad precision	H5T_C_S1	
									Bit03	P2 +60degree 0 : Good precision 1 : Bad precision	H5T_C_S1	
									Bit04	P2 0degree 0 : Good precision 1 : Bad precision	H5T_C_S1	
Bit05	P2 -60degree 0 : Good precision 1 : Bad precision	H5T_C_S1										
								Dim0	L1A-lines	H5T_C_S1		

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
163		Qf_gain	ゲイン値の算出フラグ 分光放射輝度算出に使用したゲイン値の品質フ	H5T_STD_U16LE	27167			Data_description	Quality flag of gain	H5T_C_S1		
								Bit00 (LSB)	P1 +60degree 0 : Good precision 1 : Bad precision	H5T_C_S1		
								Bit01	P1 0degree 0 : Good precision 1 : Bad precision	H5T_C_S1		
								Bit02	P1 -60degree 0 : Good precision 1 : Bad precision	H5T_C_S1		
								Bit03	P2 +60degree 0 : Good precision 1 : Bad precision	H5T_C_S1		
								Bit04	P2 0degree 0 : Good precision 1 : Bad precision	H5T_C_S1		
164		Saturation_num_in_line	飽和輝度値の数	H5T_STD_U16LE	6	27680		Dim0	L1A-lines	H5T_C_S1	数のカウント方法、飽和の判定条件はVNR-NPと同じ。 分光放射輝度値の飽和しきい値は、バンドごとの処理パラメータ	
								Data_description	Number of saturation data in line	H5T_C_S1		
								Dim0	PL01(-60), PL01(0), PL01(+60), PL02(-60), PL02(0), PL02(+60)	H5T_C_S1		
165	Geometry_parameter	Sensor_position	センサの視線原点の位置 [衛星固定座標系]	H5T_IEEE_F64LE	2	3		Geometry_parameter_version	0002	H5T_C_S1		
								Data_description	Sensor base position	H5T_C_S1		
166		GPSR_position	GPSR位置[衛星固定座標系]	H5T_IEEE_F64LE	2	3		Dim0	P1, P2	H5T_C_S1		
								Dim1	x, y, z	H5T_C_S1		
								Unit	mm	H5T_C_S1		
167		Sensor_alignment	取付アライメント	H5T_IEEE_F64LE	2	3	3	Data_description	Sensor alignment	H5T_C_S1		
								Dim0	P1, P2	H5T_C_S1		
								Dim1	Rows	H5T_C_S1		
168		Primary_change_rate	一次変化率	H5T_IEEE_F64LE	2	3		Data_description	Primary change rate	H5T_C_S1		
								Dim0	P1, P2	H5T_C_S1		
								Unit	radian/day	H5T_C_S1		
169		Exponential_amplitude	指数項振幅	H5T_IEEE_F64LE	2	3		Data_description	Exponential term amplitude	H5T_C_S1		
								Dim0	P1, P2	H5T_C_S1		
								Unit	N/A	H5T_C_S1		
170		Exponential_time_constant	指数項時定数	H5T_IEEE_F64LE	2			Data_description	Exponential term time constant	H5T_C_S1		
								Dim0	P1, P2	H5T_C_S1		
								Unit	day	H5T_C_S1		
171		Long_period	長周期(長周期バイアス変動)	H5T_IEEE_F64LE	2			Data_description	Long round period	H5T_C_S1		
								Epoch_time	20000101	H5T_C_S1		
								Unit	day	H5T_C_S1		
172		Long_fourier_coef	フーリエ級数係数(長周期バイアス変動)	H5T_IEEE_F64LE	2	6	8	Data_description	Fourier series coefficient (Long round period)	H5T_C_S1		
								Dim0	P1, P2	H5T_C_S1		
								Dim1	ax, bx, ay, by, az, bz	H5T_C_S1		
								Unit	N/A	H5T_C_S1		
173		Orbit_period	軌道周期(熱歪軌道周回変動)	H5T_IEEE_F64LE	2			Data_description	Orbit period	H5T_C_S1		
								Dim0	P1, P2	H5T_C_S1		
								Unit	min	H5T_C_S1		
174		Orbit_fourier_coef	フーリエ級数係数(熱歪軌道周回変動)	H5T_IEEE_F64LE	2	6	8	Data_description	Fourier series coefficient (Orbit period)	H5T_C_S1		
								Dim0	P1, P2	H5T_C_S1		
								Dim1	ax, bx, ay, by, az, bz	H5T_C_S1		
								Unit	N/A	H5T_C_S1		
175		Tilt_axis	チルト駆動軸のベクトル(α, β, γ)	H5T_IEEE_F64LE	3			Data_description	PL telescope tilt drive axis	H5T_C_S1		
								Dim0	alpha, beta, gamma	H5T_C_S1		
								Unit	N/A	H5T_C_S1		
176		Tilt_error_coef	チルト機構の誤差角の多項式係数	H5T_IEEE_F64LE	5			Data_description	Tilt angle error correct coefficient	H5T_C_S1		
								Dim0	A0-A4	H5T_C_S1		
								Unit	N/A	H5T_C_S1		
177		Tilt_coef	チルト機構の誤差角の多項式係数	H5T_IEEE_F64LE	2	3	8	Data_description	Tilt coefficient	H5T_C_S1		
								Dim0	P1, P2	H5T_C_S1		
								Dim1	Mx, My, Mz	H5T_C_S1		
								Unit	N/A	H5T_C_S1		
178		Geo_opt_P1	画素視線ベクトル要素(P1)[センサ基準座標系]	H5T_IEEE_F64LE	3	2	6	Data_description	CCD sensor vector parameter (P1)	H5T_C_S1		
								Dim0	+60, 0, -60	H5T_C_S1		
								Dim1	theta-x, theta-y	H5T_C_S1		
								Unit	N/A	H5T_C_S1		
179		Geo_opt_P2	画素視線ベクトル要素(P2)[センサ基準座標系]	H5T_IEEE_F64LE	3	2	6	Data_description	CCD sensor vector parameter (P2)	H5T_C_S1		
								Dim0	+60, 0, -60	H5T_C_S1		
								Dim1	theta-x, theta-y	H5T_C_S1		
								Unit	N/A	H5T_C_S1		

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
180	Earth_rotation_parameter	Polar_motion	極運動パラメータ	H5T_IEEE_F64LE	2				Data_description	Polar motion parameter	H5T_C_S1	
									Dim0	dx, dy	H5T_C_S1	
									Unit	sec of arc	H5T_C_S1	
181		UT1-UTC	UT1-UTCの差	H5T_IEEE_F32LE	1				Data_description	UT1-UTC	H5T_C_S1	
									Unit	sec	H5T_C_S1	
182		Precession_nutation	歳差/章動パラメータ	H5T_IEEE_F64LE	2				Data_description	Precession and nutation parameter	H5T_C_S1	
									Dim0	dpsi, deps	H5T_C_S1	
									Unit	msec of arc	H5T_C_S1	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
Global_attributes									Product file name	GCISG1_201305201801_12302_1BSG_IRSDM_1001.h5	H5T_C_S1	
									Mission characteristics	Nominal orbit: inclination = 98.6(Sun-Synchronous); node = 10:15-10:45 AM(descending); eccentricity < 0.0012; altitude = 798km; ground speed = 6.6km/sec; revolutions per day =14+9/34	H5T_C_S1	
									Sensor	Second-generation Global Imager (SGLI)	H5T_C_S1	
									Product version	0002	H5T_C_S1	
									Algorithm developer	Japan Aerospace Exploration Agency (JAXA)	H5T_C_S1	
									Dataset description	Top of atmosphere radiance (reflectance) at SW1-SW4, TI1-TI2	H5T_C_S1	
									Product name	Top of atmosphere radiance (reflectance)	H5T_C_S1	
									Algorithm version	0.10	H5T_C_S1	
									Parameter version	002.00	H5T_C_S1	
									Satellite	Global Change Observation Mission - Climate (GCOM-C)	H5T_C_S1	
									Product level	Level-1B	H5T_C_S1	
									Scene start time	20030320 23:28:39.823	H5T_C_S1	
									Scene end time	20030320 23:32:49.287	H5T_C_S1	
									Scene center time	20030320 23:30:44.555	H5T_C_S1	
									Scene start index	3356	H5T_STD_I32LE	
									Scene end index	5211	H5T_STD_I32LE	
									Ascending node crossing time	20030320 23:42:23.000	H5T_C_S1	
									Total orbit number	12345	H5T_STD_I32LE	
									RSP path number	123	H5T_STD_I32LE	
									Scene number	2	H5T_STD_I32LE	
									Orbit direction	Ascending	H5T_C_S1	
									Maneuver status	Include	H5T_C_S1	
									Start argument of latitude	1	H5T_IEEE_F32LE	
									End argument of latitude	15	H5T_IEEE_F32LE	
									Lines per scan	5, 5, 20, 5, 10, 10	H5T_STD_I32LE_6	
									Stored channels	SW1, SW2, SW3, SW4, TI1, TI2	H5T_C_S1	
									Missing lines	0, 0, 0, 0, 0, 0	H5T_STD_U32LE_6	
									Missing lines rate	0.0, 0.0, 0.0, 0.0, 0.0, 0.0	H5T_IEEE_F32LE_6	
									Saturated pixels rate	0.0, 0.0, 0.0, 0.0, 0.0, 0.0	H5T_IEEE_F32LE_6	飽和ピクセル率の算出方式はVNR-NP と同様。 分光放射輝度値の飽和しきい値は、 バンド、分解能ごとの処理パラメータ
									Abnormal positions rate	0.0	H5T_IEEE_F32LE	
									Abnormal velocities rate	0.0	H5T_IEEE_F32LE	
									Abnormal attitudes rate	0.0	H5T_IEEE_F32LE	
Geometric information error rate	0.0, 0.0, 0.0, 0.0, 0.0, 0.0	H5T_IEEE_F32LE_6										
Stray light corrected pixels rate	0.0, 0.0, 0.0, 0.0, 0.0, 0.0	H5T_IEEE_F32LE_6										
Radiance error pixels rate	0.0, 0.0, 0.0, 0.0, 0.0, 0.0	H5T_IEEE_F32LE_6										
Stripe correction	1, 1, 1, 1, 1, 1	H5T_STD_U32LE_6	縞除去実施有無 1: 実施 0: 実施せず									
Representative channel	SW3	H5T_C_S1										
L1B line sample interval	dt=147.1734msec (1km)	H5T_C_S1										
Orbital period	6057sec	H5T_C_S1										
Individual quality info	GGGGGGGGGGGGGGGGGGGG	H5T_C_S1	G: Good P: Poor F: Fair N: NG									
Quality judge line	0,0	H5T_STD_I32LE	SW1, TIR									
Processing_attributes									Contact point	JAXA/GCOM project team	H5T_C_S1	
									Input files		H5T_C_S1	L1Aプロダクトを入力とした再処理 プロダクトの場合には、L1Aプロダ クト名が格納される。
									Processing UT	20120813 01:30:35	H5T_C_S1	
									Processing result	Good	H5T_C_S1	
									Processing result description	Good, Fair, Poor, NG	H5T_C_S1	
Processing organization	JAXA/GCOM-C project	H5T_C_S1										

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No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考									
	Geometry_data								Number of lines	743	H5T STD I32LE										
									Number of pixels	501	H5T STD I32LE										
									Image projection	L1B reference grid	H5T C S1										
									Grid interval	2500	H5T IEEE F32LE										
									Grid interval unit	meter	H5T C S1										
									Latitude unit	degree North	H5T C S1										
									Longitude unit	degree East	H5T C S1										
									Upper left longitude	124.127	H5T IEEE F32LE										
									Upper left latitude	46.2602	H5T IEEE F32LE										
									Upper right longitude	143.978	H5T IEEE F32LE										
									Upper right latitude	43.2426	H5T IEEE F32LE										
									Lower left longitude	120.908	H5T IEEE F32LE										
									Lower left latitude	29.0959	H5T IEEE F32LE										
									Lower right longitude	136.931	H5T IEEE F32LE										
									Lower right latitude	26.6657	H5T IEEE F32LE										
									1	Latitude	格子点緯度		H5T_IEEE_F32LE	743	501			Data_description	Latitude (degree)	H5T C S1	
																		Unit	degree	H5T C S1	
Slope	1	H5T IEEE F32LE																			
Offset	0	H5T_IEEE_F32LE																			
Dim0	Line grids	H5T_C_S1																			
Dim1	Pixel grids	H5T_C_S1																			
Resampling interval	10	H5T STD I32LE																			
Resampling interval unit	pixel	H5T C S1																			
Minimum valid value	-90	H5T IEEE F32LE																			
Maximum valid value	90	H5T IEEE F32LE																			
Error value	-999	H5T IEEE F32LE																			
2	Longitude	格子点経度	H5T_IEEE_F32LE	743	501			Data_description				Longitude (degree)						H5T_C_S1			
								Unit				degree						H5T C S1			
								Slope				1						H5T IEEE F32LE			
								Offset				0						H5T_IEEE_F32LE			
								Dim0				Line grids						H5T_C_S1			
								Dim1				Pixel grids						H5T_C_S1			
								Resampling interval	10	H5T STD I32LE											
								Resampling interval unit	pixel	H5T C S1											
								Minimum valid value	-180	H5T IEEE F32LE											
								Maximum valid value	180	H5T IEEE F32LE											
								Error value	-999	H5T IEEE F32LE											
								3	Obs_time	格子点観測時刻	H5T_STD_I16LE	743	501			Data_description	Observation time (hour)	H5T_C_S1		UTC時系でその日の始まり(グラ ニールIDの観測開始年月日00時00 分00秒)からの経過時間。	
																Unit	hour	H5T C S1			
																Slope	0.001	H5T IEEE F32LE			
																Offset	0	H5T_IEEE_F32LE			
																Dim0	Line grids	H5T_C_S1			
																Dim1	Pixel grids	H5T_C_S1			
Resampling interval	10	H5T STD I32LE																			
Resampling interval unit	pixel	H5T C S1																			
Minimum valid DN	-32767	H5T STD I16LE																			
Maximum valid DN	32767	H5T STD I16LE																			
Error DN	-32768	H5T STD I16LE																			
4	Obs_time_SW01	格子点観測時刻(SW01)	H5T_STD_I16LE	187	126											Data_description	Observation time of SW01	H5T_C_S1	UTC時系でその日の始まり(グラ ニールIDの観測開始年月日00時00 分00秒)からの経過時間。		
																Unit	hour	H5T C S1			
																Slope	0.001	H5T IEEE F32LE			
																Offset	0	H5T_IEEE_F32LE			
																Dim0	Line grids	H5T_C_S1			
																Dim1	Pixel grids	H5T_C_S1			
								Resampling interval	10	H5T STD I32LE											
								Resampling interval unit	pixel	H5T C S1											
								Minimum valid DN	-32767	H5T STD I16LE											
								Maximum valid DN	32767	H5T STD I16LE											
								Error DN	-32768	H5T STD I16LE											
								5	Obs_time_SW02	格子点観測時刻(SW02)	H5T_STD_I16LE	187	126			Data_description	Observation time of SW02	H5T_C_S1		UTC時系でその日の始まり(グラ ニールIDの観測開始年月日00時00 分00秒)からの経過時間。	
																Unit	hour	H5T C S1			
																Slope	0.001	H5T IEEE F32LE			
																Offset	0	H5T_IEEE_F32LE			
																Dim0	Line grids	H5T_C_S1			
																Dim1	Pixel grids	H5T_C_S1			
Resampling interval	10	H5T STD I32LE																			
Resampling interval unit	pixel	H5T C S1																			
Minimum valid DN	-32767	H5T STD I16LE																			
Maximum valid DN	32767	H5T STD I16LE																			
Error DN	-32768	H5T STD I16LE																			

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No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
6		Obs_time_SW03	格子点観測時刻 (SW03)	H5T_STD_I16LE	743	501			Data_description	Observation time of SW03	H5T_C_S1	UTC時系でその日の始まり(グラ ニールIDの観測開始年月日00時00 分00秒)からの経過時間。
									Unit	hour	H5T_C_S1	
									Slope	0.001	H5T_IEEE_F32LE	
									Offset	0	H5T_IEEE_F32LE	
									Dim0	Line grids	H5T_C_S1	
									Dim1	Pixel grids	H5T_C_S1	
									Resampling_interval	10	H5T_STD_I32LE	
									Resampling_interval_unit	pixel	H5T_C_S1	
									Minimum_valid_DN	-32767	H5T_STD_I16LE	
									Maximum_valid_DN	32767	H5T_STD_I16LE	
									Error_DN	-32768	H5T_STD_I16LE	
7		Obs_time_SW04	格子点観測時刻 (SW04)	H5T_STD_I16LE	187	126			Data_description	Observation time of SW04	H5T_C_S1	UTC時系でその日の始まり(グラ ニールIDの観測開始年月日00時00 分00秒)からの経過時間。
									Unit	hour	H5T_C_S1	
									Slope	0.001	H5T_IEEE_F32LE	
									Offset	0	H5T_IEEE_F32LE	
									Dim0	Line grids	H5T_C_S1	
									Dim1	Pixel grids	H5T_C_S1	
									Resampling_interval	10	H5T_STD_I32LE	
									Resampling_interval_unit	pixel	H5T_C_S1	
									Minimum_valid_DN	-32767	H5T_STD_I16LE	
									Maximum_valid_DN	32767	H5T_STD_I16LE	
									Error_DN	-32768	H5T_STD_I16LE	
8		Obs_time_TI01	格子点観測時刻 (TI01)	H5T_STD_I16LE	372	251			Data_description	Observation time of TI01	H5T_C_S1	UTC時系でその日の始まり(グラ ニールIDの観測開始年月日00時00 分00秒)からの経過時間。
									Unit	hour	H5T_C_S1	
									Slope	0.001	H5T_IEEE_F32LE	
									Offset	0	H5T_IEEE_F32LE	
									Dim0	Line grids	H5T_C_S1	
									Dim1	Pixel grids	H5T_C_S1	
									Resampling_interval	10	H5T_STD_I32LE	
									Resampling_interval_unit	pixel	H5T_C_S1	
									Minimum_valid_DN	-32767	H5T_STD_I16LE	
									Maximum_valid_DN	32767	H5T_STD_I16LE	
									Error_DN	-32768	H5T_STD_I16LE	
9		Obs_time_TI02	格子点観測時刻 (TI02)	H5T_STD_I16LE	372	251			Data_description	Observation time of TI02	H5T_C_S1	UTC時系でその日の始まり(グラ ニールIDの観測開始年月日00時00 分00秒)からの経過時間。
									Unit	hour	H5T_C_S1	
									Slope	0.001	H5T_IEEE_F32LE	
									Offset	0	H5T_IEEE_F32LE	
									Dim0	Line grids	H5T_C_S1	
									Dim1	Pixel grids	H5T_C_S1	
									Resampling_interval	10	H5T_STD_I32LE	
									Resampling_interval_unit	pixel	H5T_C_S1	
									Minimum_valid_DN	-32767	H5T_STD_I16LE	
									Maximum_valid_DN	32767	H5T_STD_I16LE	
									Error_DN	-32768	H5T_STD_I16LE	
10		Sensor_azimuth	格子点センサ方位角	H5T_STD_I16LE	743	501			Data_description	Sensor azimuth angle (Clockwise from the North)	H5T_C_S1	
									Unit	degree	H5T_C_S1	
									Slope	0.01	H5T_IEEE_F32LE	
									Offset	0	H5T_IEEE_F32LE	
									Dim0	Line grids	H5T_C_S1	
									Dim1	Pixel grids	H5T_C_S1	
									Resampling_interval	10	H5T_STD_I32LE	
									Resampling_interval_unit	pixel	H5T_C_S1	
									Minimum_valid_DN	-32767	H5T_STD_I16LE	
									Maximum_valid_DN	32767	H5T_STD_I16LE	
									Error_DN	-32768	H5T_STD_I16LE	
11		Sensor_azimuth_SW01	格子点センサ方位角 (SW01)	H5T_STD_I16LE	187	126			Data_description	Sensor azimuth angle of SW01	H5T_C_S1	
									Unit	degree	H5T_C_S1	
									Slope	0.01	H5T_IEEE_F32LE	
									Offset	0	H5T_IEEE_F32LE	
									Dim0	Line grids	H5T_C_S1	
									Dim1	Pixel grids	H5T_C_S1	
									Resampling_interval	10	H5T_STD_I32LE	
									Resampling_interval_unit	pixel	H5T_C_S1	
									Minimum_valid_DN	-32767	H5T_STD_I16LE	
									Maximum_valid_DN	32767	H5T_STD_I16LE	
									Error_DN	-32768	H5T_STD_I16LE	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考										
12		Sensor_azimuth_SW02	格子点センサ方位角(SW02)	H5T STD I16LE	187	126			Data description	Sensor azimuth angle of SW02	H5T C S1											
									Unit	degree	H5T C S1											
									Slope	0.01	H5T IEEE F32LE											
									Offset	0	H5T IEEE F32LE											
									Dim0	Line grids	H5T C S1											
									Dim1	Pixel grids	H5T C S1											
									Resampling interval	10	H5T STD I32LE											
									Resampling interval unit	pixel	H5T C S1											
									Minimum valid DN	-32767	H5T STD I16LE											
									Maximum valid DN	32767	H5T STD I16LE											
									Error DN	-32768	H5T STD I16LE											
									13		Sensor_azimuth_SW03		格子点センサ方位角(SW03)	H5T STD I16LE	743	501			Data description	Sensor azimuth angle of SW03	H5T C S1	
																			Unit	degree	H5T C S1	
Slope	0.01	H5T IEEE F32LE																				
Offset	0	H5T IEEE F32LE																				
Dim0	Line grids	H5T C S1																				
Dim1	Pixel grids	H5T C S1																				
Resampling interval	10	H5T STD I32LE																				
Resampling interval unit	pixel	H5T C S1																				
Minimum valid DN	-32767	H5T STD I16LE																				
Maximum valid DN	32767	H5T STD I16LE																				
Error DN	-32768	H5T STD I16LE																				
14		Sensor_azimuth_SW04	格子点センサ方位角(SW04)	H5T STD I16LE	187	126						Data description							Sensor azimuth angle of SW04	H5T C S1		
												Unit							degree	H5T C S1		
									Slope	0.01	H5T IEEE F32LE											
									Offset	0	H5T IEEE F32LE											
									Dim0	Line grids	H5T C S1											
									Dim1	Pixel grids	H5T C S1											
									Resampling interval	10	H5T STD I32LE											
									Resampling interval unit	pixel	H5T C S1											
									Minimum valid DN	-32767	H5T STD I16LE											
									Maximum valid DN	32767	H5T STD I16LE											
									Error DN	-32768	H5T STD I16LE											
									15		Sensor_azimuth_TI01	格子点センサ方位角(TI01)	H5T STD I16LE	372	251			Data description	Sensor azimuth angle of TI01	H5T C S1		
																		Unit	degree	H5T C S1		
Slope	0.01	H5T IEEE F32LE																				
Offset	0	H5T IEEE F32LE																				
Dim0	Line grids	H5T C S1																				
Dim1	Pixel grids	H5T C S1																				
Resampling interval	10	H5T STD I32LE																				
Resampling interval unit	pixel	H5T C S1																				
Minimum valid DN	-32767	H5T STD I16LE																				
Maximum valid DN	32767	H5T STD I16LE																				
Error DN	-32768	H5T STD I16LE																				
16		Sensor_azimuth_TI02	格子点センサ方位角(TI02)	H5T STD I16LE	372	251												Data description	Sensor azimuth angle of TI02	H5T C S1		
																		Unit	degree	H5T C S1		
									Slope	0.01	H5T IEEE F32LE											
									Offset	0	H5T IEEE F32LE											
									Dim0	Line grids	H5T C S1											
									Dim1	Pixel grids	H5T C S1											
									Resampling interval	10	H5T STD I32LE											
									Resampling interval unit	pixel	H5T C S1											
									Minimum valid DN	-32767	H5T STD I16LE											
									Maximum valid DN	32767	H5T STD I16LE											
									Error DN	-32768	H5T STD I16LE											
									17		Sensor_zenith	格子点センサ天頂角	H5T STD I16LE	743	501			Data description	Sensor zenith angle (from the local zenith)	H5T C S1		
																		Unit	degree	H5T C S1		
Slope	0.01	H5T IEEE F32LE																				
Offset	0	H5T IEEE F32LE																				
Dim0	Line grids	H5T C S1																				
Dim1	Pixel grids	H5T C S1																				
Resampling interval	10	H5T STD I32LE																				
Resampling interval unit	pixel	H5T C S1																				
Minimum valid DN	-32767	H5T STD I16LE																				
Maximum valid DN	32767	H5T STD I16LE																				
Error DN	-32768	H5T STD I16LE																				
18		Sensor_zenith_SW01	格子点センサ天頂角(SW01)	H5T STD I16LE	187	126												Data description	Sensor zenith angle of SW01	H5T C S1		
																		Unit	degree	H5T C S1		
									Slope	0.01	H5T IEEE F32LE											
									Offset	0	H5T IEEE F32LE											
									Dim0	Line grids	H5T C S1											
									Dim1	Pixel grids	H5T C S1											
									Resampling interval	10	H5T STD I32LE											
									Resampling interval unit	pixel	H5T C S1											
									Minimum valid DN	-32767	H5T STD I16LE											
									Maximum valid DN	32767	H5T STD I16LE											
									Error DN	-32768	H5T STD I16LE											

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考										
19		Sensor_zenith_SW02	格子点センサ天頂角 (SW02)	H5T STD I16LE	187	126			Data description	Sensor zenith angle of SW02	H5T C S1											
									Unit	degree	H5T C S1											
									Slope	0.01	H5T IEEE F32LE											
									Offset	0	H5T IEEE F32LE											
									Dim0	Line grids	H5T C S1											
									Dim1	Pixel grids	H5T C S1											
									Resampling interval	10	H5T STD I32LE											
									Resampling interval unit	pixel	H5T C S1											
									Minimum valid DN	-32767	H5T STD I16LE											
									Maximum valid DN	32767	H5T STD I16LE											
									Error DN	-32768	H5T STD I16LE											
									20		Sensor_zenith_SW03		格子点センサ天頂角 (SW03)	H5T STD I16LE	743	501			Data description	Sensor zenith angle of SW03	H5T C S1	
																			Unit	degree	H5T C S1	
Slope	0.01	H5T IEEE F32LE																				
Offset	0	H5T IEEE F32LE																				
Dim0	Line grids	H5T C S1																				
Dim1	Pixel grids	H5T C S1																				
Resampling interval	10	H5T STD I32LE																				
Resampling interval unit	pixel	H5T C S1																				
Minimum valid DN	-32767	H5T STD I16LE																				
Maximum valid DN	32767	H5T STD I16LE																				
Error DN	-32768	H5T STD I16LE																				
21		Sensor_zenith_SW04	格子点センサ天頂角 (SW04)	H5T STD I16LE	187	126						Data description							Sensor zenith angle of SW04	H5T C S1		
												Unit							degree	H5T C S1		
									Slope	0.01	H5T IEEE F32LE											
									Offset	0	H5T IEEE F32LE											
									Dim0	Line grids	H5T C S1											
									Dim1	Pixel grids	H5T C S1											
									Resampling interval	10	H5T STD I32LE											
									Resampling interval unit	pixel	H5T C S1											
									Minimum valid DN	-32767	H5T STD I16LE											
									Maximum valid DN	32767	H5T STD I16LE											
									Error DN	-32768	H5T STD I16LE											
									22		Sensor_zenith_TI01	格子点センサ天頂角 (TI01)	H5T STD I16LE	372	251			Data description	Sensor zenith angle of TI01	H5T C S1		
																		Unit	degree	H5T C S1		
Slope	0.01	H5T IEEE F32LE																				
Offset	0	H5T IEEE F32LE																				
Dim0	Line grids	H5T C S1																				
Dim1	Pixel grids	H5T C S1																				
Resampling interval	10	H5T STD I32LE																				
Resampling interval unit	pixel	H5T C S1																				
Minimum valid DN	-32767	H5T STD I16LE																				
Maximum valid DN	32767	H5T STD I16LE																				
Error DN	-32768	H5T STD I16LE																				
23		Sensor_zenith_TI02	格子点センサ天頂角 (TI02)	H5T STD I16LE	372	251												Data description	Sensor zenith angle of TI02	H5T C S1		
																		Unit	degree	H5T C S1		
									Slope	0.01	H5T IEEE F32LE											
									Offset	0	H5T IEEE F32LE											
									Dim0	Line grids	H5T C S1											
									Dim1	Pixel grids	H5T C S1											
									Resampling interval	10	H5T STD I32LE											
									Resampling interval unit	pixel	H5T C S1											
									Minimum valid DN	-32767	H5T STD I16LE											
									Maximum valid DN	32767	H5T STD I16LE											
									Error DN	-32768	H5T STD I16LE											
									24		Solar_azimuth	太陽方位角	H5T STD I16LE	743	501			Data description	Solar azimuth angle (Clockwise from the North)	H5T C S1		
																		Unit	degree	H5T C S1		
Slope	0.01	H5T IEEE F32LE																				
Offset	0	H5T IEEE F32LE																				
Dim0	Line grids	H5T C S1																				
Dim1	Pixel grids	H5T C S1																				
Resampling interval	10	H5T STD I32LE																				
Resampling interval unit	pixel	H5T C S1																				
Minimum valid DN	-32767	H5T STD I16LE																				
Maximum valid DN	32767	H5T STD I16LE																				
Error DN	-32768	H5T STD I16LE																				
25		Solar_zenith	太陽天頂角	H5T STD I16LE	743	501												Data description	Solar zenith angle (from the local zenith)	H5T C S1		
																		Unit	degree	H5T C S1		
									Slope	0.01	H5T IEEE F32LE											
									Offset	0	H5T IEEE F32LE											
									Dim0	Line grids	H5T C S1											
									Dim1	Pixel grids	H5T C S1											
									Resampling interval	10	H5T STD I32LE											
									Resampling interval unit	pixel	H5T C S1											
									Minimum valid DN	-32767	H5T STD I16LE											
									Maximum valid DN	32767	H5T STD I16LE											
									Error DN	-32768	H5T STD I16LE											

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
26	Image_data	Line_msec	観測時刻(日の通算ミリ秒)	H5T_STD_I32LE	7416				Number of lines	7416	H5T_STD_I32LE	UTC時系でその日の始まり(グレゴリウスIDの観測開始年月日00時00分00秒)からの経過時間。
									Number of pixels	5000	H5T_STD_I32LE	
									Image projection	L1B reference grid	H5T_C_S1	
									Grid interval	250	H5T_IEEE_F32LE	
									Grid interval unit	meter	H5T_C_S1	
									Unit	millisecond	H5T_C_S1	
									Slope	1	H5T_IEEE_F32LE	
									Offset	0	H5T_IEEE_F32LE	
									Dim0	L1B-lines	H5T_C_S1	
									Minimum valid DN	-2147483647	H5T_STD_I32LE	
									Maximum valid DN	2147483647	H5T_STD_I32LE	
									Error DN	-2147483648	H5T_STD_I32LE	
27	Image_data	Line_tai93	観測時刻 (TAI93)	H5T_IEEE_F64LE	7416				Data description	Day millisecond at each line (UTC)	H5T_C_S1	
									Data description	TAI93 at each line	H5T_C_S1	
									Dim0	L1B-lines	H5T_C_S1	
									Error value	-1.0	H5T_IEEE_F64LE	
									Maximum valid value	9.99999999E8	H5T_IEEE_F64LE	
									Minimum valid value	0.0	H5T_IEEE_F64LE	
									Unit	second	H5T_C_S1	
									Data description	TOA radiance of SW01: $Lt[W/m^2/sr/um] = (DN \& Mask) * Slope + Offset$; TOA reflectance of SW01: $rt[Lt * pi / (F0 / d^2)] = (DN \& Mask) * Slope_reflectance + Offset_reflectance$ Band_weighted_TOA_solar_irradiance, $F0 / D^2$; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
28	Image_data	Lt_SW01	分光放射輝度値(SW01)	H5T_STD_U16LE	1854	1250			Mask	16383	H5T_STD_U16LE	
									Bit00 (LSB)-13	Digital Number 16383 : Missing value 16382 : Saturation value	H5T_C_S1	
									Bit14	Stray light correction sign flag (delta_L = Ltrue - Lobs) 0: Sign of the amount of stray light correction is positive (or zero) 1: Sign of the amount of stray light correction is negative	H5T_C_S1	
									Bit15 (MSB)	Stray light correction flag 0 : Stray light is uncorrected 1 : Stray light is corrected	H5T_C_S1	
									Unit	$W/m^2/um/sr$	H5T_C_S1	
									Slope	0.01897204	H5T_IEEE_F32LE	
									Offset	-25.9	H5T_IEEE_F32LE	
									Spatial resolution	1000	H5T_IEEE_F32LE	
									Spatial resolution unit	meter	H5T_C_S1	
									Dim0	L1B-lines	H5T_C_S1	
									Dim1	L1B-pixels	H5T_C_S1	
									Minimum valid DN	0	H5T_STD_U16LE	
									Maximum valid DN	65533	H5T_STD_U16LE	
									Error DN	65535	H5T_STD_U16LE	
									Center wavelength	1050	H5T_IEEE_F32LE	
									Center wavelength unit	nm	H5T_C_S1	
Band width	20	H5T_IEEE_F32LE										
Band width unit	nm	H5T_C_S1										
Saturation radiance	284.9	H5T_IEEE_F32LE										
Saturation radiance unit	$W/m^2/um/sr$	H5T_C_S1										
Band weighted TOA solar irradiance	646.5213	H5T_IEEE_F32LE										
Band weighted TOA solar irradiance unit	$W/m^2/um$	H5T_C_S1										
Slope reflectance	4.10496E-05	H5T_IEEE_F32LE										
Offset reflectance	0	H5T_IEEE_F32LE										

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No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
29		Lt_SW02	分光放射輝度値 (SW02)	H5T_STD_U16LE	1854	1250			Data_description	TOA radiance of SW02: Lt[W/m ² /sr/um]=(DN&Mask)*Slope+Offset; TOA reflectance of SW02: rt[Lt*pi/(F0/d ²)]=(DN&Mask)*Slope_reflectance+Offset_reflectance Band_weighted_TOA_solar_irradiance, F0/D ² ; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Mask	16383	H5T_STD_U16LE	
									Bit00 (LSB)-13	Digital Number 16383 : Missing value 16382 : Saturation value	H5T_C_S1	
									Bit14	Stray light correction sign flag (delta_L = Ltrue - Lobs) 0:Sign of the amount of stray light correction is positive (or zero) 1:Sign of the amount of stray light correction is negative	H5T_C_S1	
									Bit15 (MSB)	Stray light correction flag 0 : Stray light is uncorrected 1 : Stray light is corrected	H5T_C_S1	
									Unit	W/m ² /um/sr	H5T_C_S1	
									Slope	0.00788915	H5T_IEEE_F32LE	
									Offset	-10.77	H5T_IEEE_F32LE	
									Spatial_resolution	1000	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	L1B-lines	H5T_C_S1	
									Dim1	L1B-pixels	H5T_C_S1	
									Minimum valid DN	0	H5T_STD_U16LE	
									Maximum valid DN	65533	H5T_STD_U16LE	
									Error DN	65535	H5T_STD_U16LE	
									Center wavelength	1380	H5T_IEEE_F32LE	
									Center wavelength unit	nm	H5T_C_S1	
									Band width	20	H5T_IEEE_F32LE	
									Band width unit	nm	H5T_C_S1	
									Saturation radiance	118.47	H5T_IEEE_F32LE	
									Saturation radiance unit	W/m ² /um/sr	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	361.225	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m ² /um	H5T_C_S1	
									Slope_reflectance	3.10887E-05	H5T_IEEE_F32LE	
									Offset_reflectance	0	H5T_IEEE_F32LE	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
30		Lt_SW03	分光放射輝度値 (SW03)	H5T_STD_U16LE	7416	5000			Data_description	TOA radiance of SW03: Lt[W/m ² /sr/um]=(DN&Mask)*Slope+Offset; TOA reflectance of SW03: rt[Lt*pi/(F0/d ²)]=(DN&Mask)*Slope_reflectance+Offset_reflectance Band_weighted_TOA_solar_irradiance, F0/D ² ; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Mask	16383	H5T_STD_U16LE	
									Bit00 (LSB)-13	Digital Number 16383 : Missing value 16382 : Saturation value	H5T_C_S1	
									Bit14	Stray light correction sign flag (delta_L = Ltrue - Lobs) 0:Sign of the amount of stray light correction is positive (or zero) 1:Sign of the amount of stray light correction is negative	H5T_C_S1	
									Bit15 (MSB)	Stray light correction flag 0 : Stray light is uncorrected 1 : Stray light is corrected	H5T_C_S1	
									Unit	W/m ² /um/sr	H5T_C_S1	
									Slope	0.00367721	H5T_IEEE_F32LE	
									Offset	-5.02	H5T_IEEE_F32LE	
									Spatial_resolution	250	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	L1B-lines	H5T_C_S1	
									Dim1	L1B-pixels	H5T_C_S1	
									Minimum valid DN	0	H5T_STD_U16LE	
									Maximum valid DN	65533	H5T_STD_U16LE	
									Error DN	65535	H5T_STD_U16LE	
									Center wavelength	1630	H5T_IEEE_F32LE	
									Center wavelength unit	nm	H5T_C_S1	
									Band width	200	H5T_IEEE_F32LE	
									Band width unit	nm	H5T_C_S1	
									Saturation radiance	55.22	H5T_IEEE_F32LE	
									Saturation radiance unit	W/m ² /um/sr	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	237.5784	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m ² /um	H5T_C_S1	
									Slope_reflectance	2.29307E-05	H5T_IEEE_F32LE	
									Offset_reflectance	0	H5T_IEEE_F32LE	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
31		Lt_SW04	分光放射輝度値(SW04)	H5T_STD_U16LE	1854	1250			Data_description	TOA radiance of SW04: Lt[W/m ² /sr/um]=(DN&Mask)*Slope+Offset; TOA reflectance of SW04: rt[Lt*pi/(F0/d ²)]=(DN&Mask)*Slope_reflectance+Offset reflectance Band_weighted_TOA_solar_irradiance, F0/D ² ; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Mask	16383	H5T_STD_U16LE	
									Bit00 (LSB)-13	Digital Number 16383 : Missing value 16382 : Saturation value	H5T_C_S1	
									Bit14	Stray light correction sign flag (delta_L = Ltrue - Lobs) 0:Sign of the amount of stray light correction is positive (or zero) 1:Sign of the amount of stray light correction is negative	H5T_C_S1	
									Bit15 (MSB)	Stray light correction flag 0 : Stray light is uncorrected 1 : Stray light is corrected	H5T_C_S1	
									Unit	W/m ² /um/sr	H5T_C_S1	
									Slope	0.001479673	H5T_IEEE_F32LE	
									Offset	-2.02	H5T_IEEE_F32LE	
									Spatial_resolution	1000	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	L1B-lines	H5T_C_S1	
									Dim1	L1B-pixels	H5T_C_S1	
									Minimum_valid_DN	0	H5T_STD_U16LE	
									Maximum_valid_DN	65533	H5T_STD_U16LE	
									Error_DN	65535	H5T_STD_U16LE	
									Center_wavelength	2210	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_width	50	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Saturation_radiance	22.22	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	84.2413	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m ² /um	H5T_C_S1	
									Slope_reflectance	2.69195E-05	H5T_IEEE_F32LE	
Offset_reflectance	0	H5T_IEEE_F32LE										
32		Lt_TI01	分光放射輝度値(TI01)	H5T_STD_U16LE	3708	2500			Data_description	TOA radiance of TI01: Lt[W/m ² /sr/um]=(DN&Mask)*Slope+Offset	H5T_C_S1	
									Mask	16383	H5T_STD_U16LE	
									Bit00 (LSB)-13	Digital Number 16383 : Missing value 16382 : Saturation value	H5T_C_S1	
									Bit14	Stray light correction sign flag (delta_L = Ltrue - Lobs) 0:Sign of the amount of stray light correction is positive (or zero) 1:Sign of the amount of stray light correction is negative	H5T_C_S1	
									Bit15 (MSB)	Stray light correction flag 0 : Stray light is uncorrected 1 : Stray light is corrected	H5T_C_S1	
									Unit	W/m ² /um/sr	H5T_C_S1	
									Slope	0.001208644	H5T_IEEE_F32LE	
									Offset	-1.65	H5T_IEEE_F32LE	
									Spatial_resolution	500	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Dim0	L1B-lines	H5T_C_S1	
									Dim1	L1B-pixels	H5T_C_S1	
									Minimum_valid_DN	0	H5T_STD_U16LE	
									Maximum_valid_DN	65533	H5T_STD_U16LE	
									Error_DN	65535	H5T_STD_U16LE	
									Center_wavelength	11000	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_width	700	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Saturation_radiance	18.15	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考										
33		Lt_T102	分光放射輝度値(T102)	H5T_STD_U16LE	3708	2500			Data_description	TOA radiance of T102: Lt[W/m ² /sr/um]= (DN&Mask)*Slope+Offset	H5T_C_S1											
									Mask	16383	H5T_STD_U16LE											
									Bit00 (LSB)-13	Digital Number 16383 : Missing value 16382 : Saturation value	H5T_C_S1											
									Bit14	Stray light correction sign flag (delta_L = Ltrue - Lobs) 0:Sign of the amount of stray light correction is positive (or zero) 1:Sign of the amount of stray light correction is negative	H5T_C_S1											
									Bit15 (MSB)	Stray light correction flag 0 : Stray light is uncorrected 1 : Stray light is corrected	H5T_C_S1											
									Unit	W/m ² /um/sr	H5T_C_S1											
									Slope	0.001069466	H5T_IEEE_F32LE											
									Offset	-1.46	H5T_IEEE_F32LE											
									Spatial_resolution	500	H5T_IEEE_F32LE											
									Spatial_resolution_unit	meter	H5T_C_S1											
									Dim0	L1B-lines	H5T_C_S1											
									Dim1	L1B-pixels	H5T_C_S1											
									Minimum_valid_DN	0	H5T_STD_U16LE											
									Maximum_valid_DN	65533	H5T_STD_U16LE											
									Error_DN	65535	H5T_STD_U16LE											
									Center_wavelength	12000	H5T_IEEE_F32LE											
									Center_wavelength_unit	nm	H5T_C_S1											
									Band_width	700	H5T_IEEE_F32LE											
									Band_width_unit	nm	H5T_C_S1											
									Saturation_radiance	16.06	H5T_IEEE_F32LE											
									Saturation_radiance_unit	W/m ² /um/sr	H5T_C_S1											
34		QA_flag	品質フラグ	H5T_STD_U16LE	7416	5000			Data_description	Quality flag of each pixels	H5T_C_S1											
									Bit00 (LSB)	channel integrity0 : Not integrity1 : Integrity	H5T_C_S1											
									Bit01	vnr-pol tilt-driving 0 : Not tilt-driving 1 : Tilt-driving	H5T_C_S1											
									Unit	NA	H5T_C_S1											
									Slope	1	H5T_IEEE_F32LE											
									Offset	0	H5T_IEEE_F32LE											
									Spatial_resolution	250	H5T_IEEE_F32LE											
									Spatial_resolution_unit	meter	H5T_C_S1											
									Dim0	L1B-lines	H5T_C_S1											
									Dim1	L1B-pixels	H5T_C_S1											
									Minimum_valid_DN	0	H5T_STD_U16LE											
									Maximum_valid_DN	65534	H5T_STD_U16LE											
									Error_DN	65535	H5T_STD_U16LE											
									35		Land_water_flag		陸海フラグ	H5T_STD_U8LE	7416	5000			Data_description	Rate of land at each pixel (With elevation correction) 0 : water 100 : land	H5T_C_S1	
																			Dim0	L1B-lines	H5T_C_S1	
Dim1	L1B-pixels	H5T_C_S1																				
Minimum_valid_value	0	H5T_STD_U8LE																				
Maximum_valid_value	100	H5T_STD_U8LE																				
Error_value	255	H5T_STD_U8LE																				
Altitude_correction	yes	H5T_C_S1																				
Operation_mode	OBD	H5T_C_S1																				
Level_1_attributes		—	—	—	—	—	—	—	Radiometric calibration	Original	H5T_C_S1											
									Geometric calibration	Original	H5T_C_S1											
									Number of pixels 250m L1A	4584	H5T_STD_I32LE											
									Number of pixels 500m L1A	2292	H5T_STD_I32LE											
									Number of pixels 1km L1A	1146	H5T_STD_I32LE											
									Number of scans L1A	343	H5T_STD_I32LE											
									36		Polynomial_to_L1A_SW01_coe		L1B→L1A座標変換係数 (SW01)	H5T_IEEE_F64LE	5	2	1854	7	Dim0	polynomials	H5T_C_S1	
																			Dim1	to-L1A-pixel, to-L1A-line	H5T_C_S1	
Dim2	L1B-lines	H5T_C_S1																				
Dim3	coefficients	H5T_C_S1																				
Data_description	Polynomial coefficients to transfer each line of L1B image coordinates into L1A image coordinates for SW01. The center of upper-left pixel is defined as [1,1] in the image coordinates	H5T_C_S1																				
Polynomial_degree	6	H5T_STD_I32LE																				
Unit	pixel	H5T_C_S1																				
37		Polynomial_to_L1A_SW01_num	L1B→L1A座標変換係数スキャン分割数 (SW01)	H5T_STD_U8LE	1854				Unit	polynomial	H5T_C_S1											
									Dim0	L1B-lines	H5T_C_S1											
									Data_description	Polynomial number to transfer each line of L1B image coordinates into L1A image coordinates for SW01	H5T_C_S1											

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No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
38		Polynomial_to_L1A_SW01_range	L1B→L1A座標変換係数適用ピクセル範囲(SW01)	H5T_STD_U16LE	5	1854	2		Dim0	polynomials	H5T_C_S1	
									Dim1	L1B-lines	H5T_C_S1	
									Dim2	start_end	H5T_C_S1	
									Data_description	Applicable range of pixel address which corresponds to each polynomial for SW01. The pixel address starts from 1.	H5T_C_S1	
									Unit	pixel	H5T_C_S1	
39		Polynomial_to_L1A_SW02_coe	L1B→L1A座標変換係数(SW02)	H5T_IEEE_F64LE	5	2	1854	7	Dim0	polynomials	H5T_C_S1	
									Dim1	to-L1A-pixel, to-L1A-line	H5T_C_S1	
									Dim2	L1B-lines	H5T_C_S1	
									Dim3	coefficients	H5T_C_S1	
									Data_description	Polynomial coefficients to transfer each line of L1B image coordinates into L1A image coordinates for SW02. The center of upper-left pixel is defined as [1,1] in the image coordinates	H5T_C_S1	
									Polynomial_degree	6	H5T_STD_I32LE	
40		Polynomial_to_L1A_SW02_num	L1B→L1A座標変換係数スキャン分割数(SW02)	H5T_STD_U8LE	1854				Unit	polynomial	H5T_C_S1	
									Dim0	L1B-lines	H5T_C_S1	
									Data_description	Polynomial number to transfer each line of L1B image coordinates into L1A image coordinates for SW02	H5T_C_S1	
41		Polynomial_to_L1A_SW02_range	L1B→L1A座標変換係数適用ピクセル範囲(SW02)	H5T_STD_U16LE	5	1854	2		Dim0	polynomials	H5T_C_S1	
									Dim1	L1B-lines	H5T_C_S1	
									Dim2	start_end	H5T_C_S1	
									Data_description	Applicable range of pixel address which corresponds to each polynomial for SW02. The pixel address starts from 1.	H5T_C_S1	
									Unit	pixel	H5T_C_S1	
42		Polynomial_to_L1A_SW03_coe	L1B→L1A座標変換係数(SW03)	H5T_IEEE_F64LE	5	2	7416	7	Dim0	polynomials	H5T_C_S1	
									Dim1	to-L1A-pixel, to-L1A-line	H5T_C_S1	
									Dim2	L1B-lines	H5T_C_S1	
									Dim3	coefficients	H5T_C_S1	
									Data_description	Polynomial coefficients to transfer each line of L1B image coordinates into L1A image coordinates for SW03. The center of upper-left pixel is defined as [1,1] in the image coordinates	H5T_C_S1	
									Polynomial_degree	6	H5T_STD_I32LE	
43		Polynomial_to_L1A_SW03_num	L1B→L1A座標変換係数スキャン分割数(SW03)	H5T_STD_U8LE	7416				Unit	polynomial	H5T_C_S1	
									Dim0	L1B-lines	H5T_C_S1	
									Data_description	Polynomial number to transfer each line of L1B image coordinates into L1A image coordinates for SW03	H5T_C_S1	
44		Polynomial_to_L1A_SW03_range	L1B→L1A座標変換係数適用ピクセル範囲(SW03)	H5T_STD_U16LE	5	7416	2		Dim0	polynomials	H5T_C_S1	
									Dim1	L1B-lines	H5T_C_S1	
									Dim2	start_end	H5T_C_S1	
									Data_description	Applicable range of pixel address which corresponds to each polynomial for SW03. The pixel address starts from 1.	H5T_C_S1	
									Unit	pixel	H5T_C_S1	
45		Polynomial_to_L1A_SW04_coe	L1B→L1A座標変換係数(SW04)	H5T_IEEE_F64LE	5	2	1854	7	Dim0	polynomials	H5T_C_S1	
									Dim1	to-L1A-pixel, to-L1A-line	H5T_C_S1	
									Dim2	L1B-lines	H5T_C_S1	
									Dim3	coefficients	H5T_C_S1	
									Data_description	Polynomial coefficients to transfer each line of L1B image coordinates into L1A image coordinates for SW04. The center of upper-left pixel is defined as [1,1] in the image coordinates	H5T_C_S1	
									Polynomial_degree	6	H5T_STD_I32LE	
46		Polynomial_to_L1A_SW04_num	L1B→L1A座標変換係数スキャン分割数(SW04)	H5T_STD_U8LE	1854				Unit	polynomial	H5T_C_S1	
									Dim0	L1B-lines	H5T_C_S1	
									Data_description	Polynomial number to transfer each line of L1B image coordinates into L1A image coordinates for SW04	H5T_C_S1	
47		Polynomial_to_L1A_SW04_range	L1B→L1A座標変換係数適用ピクセル範囲(SW04)	H5T_STD_U16LE	5	1854	2		Dim0	polynomials	H5T_C_S1	
									Dim1	L1B-lines	H5T_C_S1	
									Dim2	start_end	H5T_C_S1	
									Data_description	Applicable range of pixel address which corresponds to each polynomial for SW04. The pixel address starts from 1.	H5T_C_S1	
									Unit	pixel	H5T_C_S1	

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No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
48		Polynomial_to_L1A_TI01_coe	L1B→L1A座標変換係数(TI01)	H5T_IEEE_F64LE	5	2	3708	7	Dim0	polynomials	H5T_C_S1	
									Dim1	to-L1A-pixel, to-L1A-line	H5T_C_S1	
									Dim2	L1B-lines	H5T_C_S1	
									Dim3	coefficients	H5T_C_S1	
									Data_description	Polynomial coefficients to transfer each line of L1B image coordinates into L1A image coordinates for TI01. The center of upper-left pixel is defined as [1,1] in the image coordinates	H5T_C_S1	
									Polynomial degree	6	H5T_STD_I32LE	
49		Polynomial_to_L1A_TI01_num	L1B→L1A座標変換係数スキャン分割数(TI01)	H5T_STD_U8LE	3708				Unit	pixel	H5T_C_S1	
									Dim0	L1B-lines	H5T_C_S1	
									Data_description	Polynomial number to transfer each line of L1B image coordinates into L1A image coordinates for TI01	H5T_C_S1	
50		Polynomial_to_L1A_TI01_range	L1B→L1A座標変換係数適用ピクセル範囲(TI01)	H5T_STD_U16LE	5	3708	2		Dim0	polynomials	H5T_C_S1	
									Dim1	L1B-lines	H5T_C_S1	
									Dim2	start, end	H5T_C_S1	
									Data_description	Applicable range of pixel address which corresponds to each polynomial for TI01. The pixel address starts from 1.	H5T_C_S1	
									Unit	pixel	H5T_C_S1	
									Polynomial degree	6	H5T_STD_I32LE	
51		Polynomial_to_L1A_TI02_coe	L1B→L1A座標変換係数(TI02)	H5T_IEEE_F64LE	5	2	3708	7	Dim0	polynomials	H5T_C_S1	
									Dim1	to-L1A-pixel, to-L1A-line	H5T_C_S1	
									Dim2	L1B-lines	H5T_C_S1	
									Dim3	coefficients	H5T_C_S1	
									Data_description	Polynomial coefficients to transfer each line of L1B image coordinates into L1A image coordinates for TI02. The center of upper-left pixel is defined as [1,1] in the image coordinates	H5T_C_S1	
									Polynomial degree	6	H5T_STD_I32LE	
52		Polynomial_to_L1A_TI02_num	L1B→L1A座標変換係数スキャン分割数(TI02)	H5T_STD_U8LE	3708				Unit	polynomial	H5T_C_S1	
									Dim0	L1B-lines	H5T_C_S1	
									Data_description	Polynomial number to transfer each line of L1B image coordinates into L1A image coordinates for TI02	H5T_C_S1	
53		Polynomial_to_L1A_TI02_range	L1B→L1A座標変換係数適用ピクセル範囲(TI02)	H5T_STD_U16LE	5	3708	2		Dim0	polynomials	H5T_C_S1	
									Dim1	L1B-lines	H5T_C_S1	
									Dim2	start, end	H5T_C_S1	
									Data_description	Applicable range of pixel address which corresponds to each polynomial for TI02. The pixel address starts from 1.	H5T_C_S1	
									Unit	pixel	H5T_C_S1	
									Polynomial degree	6	H5T_STD_I32LE	
54		Polynomial_to_L1B_SW01_coe	L1A→L1B座標変換係数(SW01)	H5T_IEEE_F64LE	2	1715	8		Dim0	to-L1B-pixel, to-L1B-line	H5T_C_S1	
									Dim1	L1A-lines	H5T_C_S1	
									Dim2	coefficients	H5T_C_S1	
									Polynomial degree	7	H5T_STD_I32LE	
									Data_description	Polynomial coefficients to transfer each line of L1A image coordinates into L1B image coordinates for SW01. The center of upper-left pixel is defined as [1,1] in the image coordinates	H5T_C_S1	
									Unit	pixel	H5T_C_S1	
55		Polynomial_to_L1B_SW02_coe	L1A→L1B座標変換係数(SW02)	H5T_IEEE_F64LE	2	1715	8		Dim0	to-L1B-pixel, to-L1B-line	H5T_C_S1	
									Dim1	L1A-lines	H5T_C_S1	
									Dim2	coefficients	H5T_C_S1	
									Data_description	Polynomial coefficients to transfer each line of L1A image coordinates into L1B image coordinates for SW02. The center of upper-left pixel is defined as [1,1] in the image coordinates	H5T_C_S1	
									Polynomial degree	7	H5T_STD_I32LE	
									Unit	pixel	H5T_C_S1	
56		Polynomial_to_L1B_SW03_coe	L1A→L1B座標変換係数(SW03)	H5T_IEEE_F64LE	2	6860	8		Dim0	to-L1B-pixel, to-L1B-line	H5T_C_S1	
									Dim1	L1A-lines	H5T_C_S1	
									Dim2	coefficients	H5T_C_S1	
									Data_description	Polynomial coefficients to transfer each line of L1A image coordinates into L1B image coordinates for SW03. The center of upper-left pixel is defined as [1,1] in the image coordinates	H5T_C_S1	
									Polynomial degree	7	H5T_STD_I32LE	
									Unit	pixel	H5T_C_S1	

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No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
57		Polynomial_to_L1B_SW04_coe	L1A→L1B座標変換係数(SW04)	H5T_IEEE_F64LE	2	1715	8		Dim0	to-L1B-pixel, to-L1B-line	H5T_C_S1	
									Dim1	L1A-lines	H5T_C_S1	
									Dim2	coefficients	H5T_C_S1	
									Data_description	Polynomial coefficients to transfer each line of L1A image coordinates into L1B image coordinates for SW04. The center of upper-left pixel is defined as [1,1] in the image coordinates	H5T_C_S1	
									Polynomial degree	7	H5T_STD_I32LE	
Unit	pixel	H5T_C_S1										
58		Polynomial_to_L1B_TI01_coe	L1A→L1B座標変換係数(TI01)	H5T_IEEE_F64LE	2	3430	8		Dim0	to-L1B-pixel, to-L1B-line	H5T_C_S1	
									Dim1	L1A-lines	H5T_C_S1	
									Dim2	coefficients	H5T_C_S1	
									Data_description	Polynomial coefficients to transfer each line of L1A image coordinates into L1B image coordinates for TI01. The center of upper-left pixel is defined as [1,1] in the image coordinates	H5T_C_S1	
									Polynomial degree	7	H5T_STD_I32LE	
Unit	pixel	H5T_C_S1										
59		Polynomial_to_L1B_TI02_coe	L1A→L1B座標変換係数(TI02)	H5T_IEEE_F64LE	2	3430	8		Dim0	to-L1B-pixel, to-L1B-line	H5T_C_S1	
									Dim1	L1A-lines	H5T_C_S1	
									Dim2	coefficients	H5T_C_S1	
									Data_description	Polynomial coefficients to transfer each line of L1A image coordinates into L1B image coordinates for TI02. The center of upper-left pixel is defined as [1,1] in the image coordinates	H5T_C_S1	
									Polynomial degree	7	H5T_STD_I32LE	
Unit	pixel	H5T_C_S1										
60		Quaternion_ECR	クォータニオン (STT→ECR)	H5T_IEEE_F32LE	3541	4			Dim0	quaternion records (10Hz)	H5T_C_S1	
									Dim1	x, y, z, w(scalar)	H5T_C_S1	
									Data_description	Quaternion (STT→ECR) in x	H5T_C_S1	
									Unit	N/A	H5T_C_S1	
									Dim0	quaternion records (10Hz)	H5T_C_S1	
61		Quaternion_time	クォータニオン時刻	H5T_IEEE_F64LE	3541			Data_description	Attitude determination time in TAI93	H5T_C_S1		
								Unit	second	H5T_C_S1		
62		Satellite_eclipse_time	衛星食明け時刻	H5T_IEEE_F64LE	1			Data_description	Satellite eclipse time in TAI93	H5T_C_S1		
								Unit	second	H5T_C_S1		
63		Scan_profile	Scan profile	H5T_IEEE_F64LE	2	10			Dim0	forward, backward	H5T_C_S1	
									Dim1	coefficients	H5T_C_S1	
									Data_description	Fourier series of IRS scan profile for Forward/Backward projection; Order: d1 sin1 sin2 sin6 sin16 d0 cos1 cos2 cos6 cos16	H5T_C_S1	
									Unit	radian	H5T_C_S1	
64		Scanstart_time_L1A	L1Aスキャン開始時刻	H5T_IEEE_F64LE	343				Data_description	Scan start time of L1A in TAI93	H5T_C_S1	
									Dim0	scans	H5T_C_S1	
									Unit	Total seconds from 1993/01/01(TAI) epoch	H5T_C_S1	
									Dim0	L1A-lines/scan	H5T_C_S1	
65		StripeCorrection_slope_SW01	縞除去補正係数slope(SW01)	H5T_IEEE_F32LE	5			Dim0	L1A-lines/scan	H5T_C_S1	縞除去機能がOFFのとき0.0	
								Error_value	-999	H5T_IEEE_F32LE		
66		StripeCorrection_slope_SW02	縞除去補正係数slope(SW02)	H5T_IEEE_F32LE	5			Dim0	L1A-lines/scan	H5T_C_S1	縞除去機能がOFFのとき0.0	
								Error_value	-999	H5T_IEEE_F32LE		
67		StripeCorrection_slope_SW03	縞除去補正係数slope(SW03)	H5T_IEEE_F32LE	20			Dim0	L1A-lines/scan	H5T_C_S1	縞除去機能がOFFのとき0.0	
								Error_value	-999	H5T_IEEE_F32LE		
68		StripeCorrection_slope_SW04	縞除去補正係数slope(SW04)	H5T_IEEE_F32LE	5			Dim0	L1A-lines/scan	H5T_C_S1	縞除去機能がOFFのとき0.0	
								Error_value	-999	H5T_IEEE_F32LE		
69		StripeCorrection_slope_TI01	縞除去補正係数slope(TI01)	H5T_IEEE_F32LE	10			Dim0	L1A-lines/scan	H5T_C_S1	縞除去機能がOFFのとき0.0	
								Error_value	-999	H5T_IEEE_F32LE		
70		StripeCorrection_slope_TI02	縞除去補正係数slope(TI02)	H5T_IEEE_F32LE	10			Dim0	L1A-lines/scan	H5T_C_S1	縞除去機能がOFFのとき0.0	
								Error_value	-999	H5T_IEEE_F32LE		
71		StripeCorrection_offset_SW01	縞除去補正係数offset(SW01)	H5T_IEEE_F32LE	5			Dim0	L1A-lines/scan	H5T_C_S1	縞除去機能がOFFのとき0.0	
								Error_value	-999	H5T_IEEE_F32LE		
72		StripeCorrection_offset_SW02	縞除去補正係数offset(SW02)	H5T_IEEE_F32LE	5			Dim0	L1A-lines/scan	H5T_C_S1	縞除去機能がOFFのとき0.0	
								Error_value	-999	H5T_IEEE_F32LE		
73		StripeCorrection_offset_SW03	縞除去補正係数offset(SW03)	H5T_IEEE_F32LE	20			Dim0	L1A-lines/scan	H5T_C_S1	縞除去機能がOFFのとき0.0	
								Error_value	-999	H5T_IEEE_F32LE		
74		StripeCorrection_offset_SW04	縞除去補正係数offset(SW04)	H5T_IEEE_F32LE	5			Dim0	L1A-lines/scan	H5T_C_S1	縞除去機能がOFFのとき0.0	
								Error_value	-999	H5T_IEEE_F32LE		
75		StripeCorrection_offset_TI01	縞除去補正係数offset(TI01)	H5T_IEEE_F32LE	10			Dim0	L1A-lines/scan	H5T_C_S1	縞除去機能がOFFのとき0.0	
								Error_value	-999	H5T_IEEE_F32LE		

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No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
76		StripeCorrection_offset_TI02	縞除去補正係数offset (TI02)	H5T_IEEE_F32LE	10				Dim0	L1A-lines/scan	H5T_C_S1	縞除去機能がOFFのとき0.0
									Error_value	-999	H5T_IEEE_F32LE	
	Ancillary_data	—	—	—	—	—	—	—	Data_description	Don't use the record when lack line. (Refer to Data_quality_flag/Qf_Scan of L1A-product)	H5T_C_S1	
77	Ancillary_data/IRS_DSP_AB	Halogen_on_off	ハロゲン電源ON/OFFステータス	H5T_STD_U8LE	2	343	2		Data_description	Halogen lamp ON/OFF status	H5T_C_S1	
									TLM_info_tlmID	IR0046	H5T_C_S1	
									TLM_info_name	IRS HAL ON/OFF	H5T_C_S1	
									TLM_info_short_name	I HAL PWR ONOFF	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Dim2	packet#1, packet#2	H5T_C_S1	
78	Ancillary_data/TC_FPGA	Mode_register	モードレジスタ	H5T_STD_U8LE	2	343	2		Data_description	Mode register	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Dim2	packet#1, packet#2	H5T_C_S1	
79		Board_address	ボードアドレス	H5T_STD_U8LE	2	343	2		Data_description	Board address	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Dim2	packet#1, packet#2	H5T_C_S1	
80		SD5_SMCU_TLM_word_status	SD5 ワード数選択ステータス	H5T_STD_U8LE	2	343	2		Data_description	SD5 SMCU TLM word status 0 : 32 words 1 : 97 words	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Dim2	packet#1, packet#2	H5T_C_S1	
81		SD5_SMCU_CMD_word_status	SMCU_CMD ワード数選択ステータス	H5T_STD_U8LE	2	343	2		Data_description	SD5 SMCU CMD word status 0 : 32 words 1 : 97 words	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Dim2	packet#1, packet#2	H5T_C_S1	
82		SD5_SMCU_ANGLE_A_B_status	SD5/ANGL A系/B系ステータス	H5T_STD_U8LE	2	343	2		Data_description	SD5 SMCU ANGLE A/B status 0 : A 1 : B	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Dim2	packet#1, packet#2	H5T_C_S1	
83		SD4_CCE_A_B_status	SD4 A系/B系ステータス	H5T_STD_U8LE	2	343	2		Data_description	SD4 CCE A/B status 0 : A 1 : B	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Dim2	packet#1, packet#2	H5T_C_S1	
84		SD3_TEC_A_B_status	SD3 A系/B系ステータス	H5T_STD_U8LE	2	343	2		Data_description	SD3 TEC A/B status 0 : A 1 : B	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Dim2	packet#1, packet#2	H5T_C_S1	
85		SD2_I_ASP_A_B_status	SD2 A系/B系ステータス	H5T_STD_U8LE	2	343	2		Data_description	SD2 I-ASP A/B status 0 : A 1 : B	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Dim2	packet#1, packet#2	H5T_C_S1	
86		SD1_HCE_A_B_status	SD1 A系/B系ステータス	H5T_STD_U8LE	2	343	2		Data_description	SD1 HCE A/B status 0 : A 1 : B	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Dim2	packet#1, packet#2	H5T_C_S1	
87		Double_buffer_output_status	バッファステータス	H5T_STD_U8LE	2	343	2		Data_description	Double buffer output status 0 : A 1 : B	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Dim2	packet#1, packet#2	H5T_C_S1	
88		TC_FPGA_ENA_DIS	TC-FPGA ENA/DIS ステータス	H5T_STD_U8LE	2	343	2		Data_description	TC-FPGA ENA/DIS 0 : DISABLE 1 : ENABLE	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Dim2	packet#1, packet#2	H5T_C_S1	

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No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
89	Ancillary_data/SWI_DSP_FP	DSP_AB_select	DSP入力選択状態(SWI)	H5T_STD_U8LE	343	2			Data_description	Selected LVDS input status of SWI observation data (A or B) 0 : A 1 : Non-selected 2 : B	H5T_C_S1	
									TLM_info_tlmID	IR0069	H5T_C_S1	
									TLM_info_name	IRS DSP SWI A/B SEL	H5T_C_S1	
									TLM_info_short_name	I DSP SWI AB SEL	H5T_C_S1	
									Dim0	scans	H5T_C_S1	
									Dim1	packet#1, packet#2	H5T_C_S1	
90		Resolution_status	SWI分解能ステータス	H5T_STD_U8LE	343	2			Data_description	Resolution status(SWI) 1 : 250m 3 : 1km	H5T_C_S1	
									TLM_info_tlmID	IR0070	H5T_C_S1	
									TLM_info_name	IRS SWI RESO STS	H5T_C_S1	
									TLM_info_short_name	I SWI RES SEL	H5T_C_S1	
									Dim0	scans	H5T_C_S1	
									Dim1	packet#1, packet#2	H5T_C_S1	
91		All_round_mode_status	SWI観測/走査全周データ処理切替ステータス	H5T_STD_U8LE	343	2			Data_description	Observation/Round scan mode switch(SWI) 0 : Observation 1 : Round scan	H5T_C_S1	
									TLM_info_tlmID	IR0071	H5T_C_S1	
									TLM_info_name	IRS SWI ALL DAT MODE	H5T_C_S1	
									TLM_info_short_name	I SWI ALL MODE SEL	H5T_C_S1	
									Dim0	scans	H5T_C_S1	
									Dim1	packet#1, packet#2	H5T_C_S1	
92		DAT_ena_dis_status	SWI観測データEna/Disステータス	H5T_STD_U8LE	343	2			Data_description	Observation data enable or disable status 0 : Disable 1 : Enable	H5T_C_S1	
									TLM_info_tlmID	IR0072	H5T_C_S1	
									TLM_info_name	IRS SWI DAT ENA/DIS	H5T_C_S1	
									TLM_info_short_name	I SWI DAT ENA/DIS	H5T_C_S1	
									Dim0	scans	H5T_C_S1	
									Dim1	packet#1, packet#2	H5T_C_S1	
93	Ancillary_data/TIR_DSP_FP GA	DSP_AB_select	DSP入力選択状態(TIR)	H5T_STD_U8LE	343	2			Data_description	Selected LVDS input status of TIR observation data (A or B) 0 : A 1 : Non-selected 2 : B	H5T_C_S1	
									TLM_info_tlmID	IR0068	H5T_C_S1	
									TLM_info_name	IRS DSP TIR A/B SEL	H5T_C_S1	
									Dim0	scans	H5T_C_S1	
									Dim1	packet#1, packet#2	H5T_C_S1	
									94		TIR_TDI_status	
TLM_info_tlmID	IR0074, IR0073	H5T_C_S1										
TLM_info_name	IRS TIR1 TDI STS, IRS TIR TDI STS	H5T_C_S1										
TLM_info_short_name	I TIR1 TDI ST, I TIR2 TDI ST	H5T_C_S1										
Dim0	scans	H5T_C_S1										
Dim1	packet#1, packet#2	H5T_C_S1										
95		Resolution_status	TIR分解能ステータス	H5T_STD_U8LE	343	2			Data_description	Resolution status(TIR) 1 : 250m 2 : 500m 3 : 1km	H5T_C_S1	
									TLM_info_tlmID	IR0075	H5T_C_S1	
									TLM_info_name	IRS TIR RESO STS	H5T_C_S1	
									TLM_info_short_name	I TIR RES SEL	H5T_C_S1	
									Dim0	scans	H5T_C_S1	
									Dim1	packet#1, packet#2	H5T_C_S1	
96		All_round_mode_status	TIR観測/走査全周データ処理切替ステータス	H5T_STD_U8LE	343	2			Data_description	Observation/Round scan mode switch(TIR) 0 : Observation 1 : Round scan	H5T_C_S1	
									TLM_info_tlmID	IR0076	H5T_C_S1	
									TLM_info_name	IRS TIR ALL DAT MODE	H5T_C_S1	
									TLM_info_short_name	I TIR ALL MODE SEL	H5T_C_S1	
									Dim0	scans	H5T_C_S1	
									Dim1	packet#1, packet#2	H5T_C_S1	
97		DAT_ena_dis_status	TIR観測データEna/Disステータス	H5T_STD_U8LE	343	2			Data_description	Observation data enable or disable status 0 : Disable 1 : Enable	H5T_C_S1	
									TLM_info_tlmID	IR0077	H5T_C_S1	
									TLM_info_name	IRS TIR DAT ENA/DIS	H5T_C_S1	
									TLM_info_short_name	I TIR DAT ENA/DIS	H5T_C_S1	
									Dim0	scans	H5T_C_S1	
									Dim1	packet#1, packet#2	H5T_C_S1	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
98	Ancillary_data/IRS_ASP_SD	SWI_ASP_mode_status	SWI動作切替	H5T_STD_U8LE	2	343	2		Data_description	Selected mode of SWI 1 : Wait mode 3 : Observation mode (observation data input) 4 : Round scan mode 5 : Observation mode (electrical calibration input)	H5T_C_S1	
									TLM_info_tlmID	IR0527, IR0528	H5T_C_S1	
									TLM_info_name	IRS SWI 1-3 MODE, IRS SWI 4 MODE	H5T_C_S1	
									TLM_info_short_name	I SWI MODE, I SWI4 MODE	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Dim2	SW1/2/3, SW4	H5T_C_S1	
99		SWI_electric_cal_level	SWI電気校正レベル切替	H5T_STD_U8LE	2	343	2		Data_description	Electrical calibration signal level status 1 : Level1 2 : Level2 3 : Level3 4 : Level4 5 : Level5 6 : Level6	H5T_C_S1	
									TLM_info_tlmID	IR0529, IR0530	H5T_C_S1	
									TLM_info_name	IRS SWI 1-3 ELEC CAL LVL, IRS SWI 4 ELEC CAL LVL	H5T_C_S1	
									TLM_info_short_name	I SWI1-3 ELEC CAL, I SWI4 ELEC CAL	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Dim2	SW1/2/3, SW4	H5T_C_S1	
100		SWI_clamp_level	SWIオフセット値設定	H5T_STD_U8LE	2	343	8		Data_description	Offset voltage level setting 0-255 : Level1-Level256	H5T_C_S1	
									TLM_info_tlmID	IR0531, IR0656, IR0657, IR0533, IR0534, IR0535, IR0536, IR0537	H5T_C_S1	
									TLM_info_name	IRS SWI 1-2 OFFSET, IRS SWI3-1 OFFSET, IRS SWI3-2 OFFSET, IRS SWI4-1 OFFSET, IRS SWI4-2 OFFSET, IRS SWI4-3 OFFSET, IRS SWI4-4 OFFSET, IRS SWI4-5 OFFSET	H5T_C_S1	
									TLM_info_short_name	I SWI1-2 OFFSET, I SWI3 OFFSET1, I SWI3 OFFSET2, I SWI4 OFFSET1, I SWI4 OFFSET2, I SWI4 OFFSET3, I SWI4 OFFSET4, I SWI4 OFFSET5	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Dim2	SW1/2/3, SW4, SW4-1ch, SW4-2ch, SW4-3ch, SW4-4ch, SW4-5ch	H5T_C_S1	
101		TIR_ASP_mode_status	TIR動作切替	H5T_STD_U8LE	2	343	2		Data_description	Selected mode of TIR 1 : Wait modex 3 : Observation mode (observation data input) 4 : All scan data output mode 5 : Observation mode (electrical calibration input)	H5T_C_S1	
									TLM_info_tlmID	IR0539, IR0546	H5T_C_S1	
									TLM_info_name	IRS TIR1-A MODE, IRS TIR2-A MODE	H5T_C_S1	
									TLM_info_short_name	I TIR1A MODE, I TIR2A MODE	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Dim2	TI1-A, TI2-A	H5T_C_S1	
102		TIR_long_short_status	LONG/SHORTコマンドステータス	H5T_STD_U8LE	2	343	2		Data_description	LONG/SHORT command status 0 : Short 1 : Long	H5T_C_S1	
									TLM_info_tlmID	IR0659, IR0660	H5T_C_S1	
									TLM_info_name	IRS TIR1 LG/ST CMD STS, IRS TIR2 LG/ST CMD STS	H5T_C_S1	
									TLM_info_short_name	I TIR1 LGST ST, I TIR2 LGST ST	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Dim2	TI1, TI2	H5T_C_S1	
103		TIR_long_short_counter	LONG/SHORTコマンドカウンタ	H5T_STD_U8LE	2	343	2		Data_description	LONG/SHORT command counter (change state 0->1->2->3 with every command)	H5T_C_S1	
									TLM_info_tlmID	IR0658, IR0655	H5T_C_S1	
									TLM_info_name	IRS TIR1 LG/ST CMD CNT, IRS TIR2 LG/ST CMD CNT	H5T_C_S1	
									TLM_info_short_name	I TIR1 LGST CNT, I TIR2 LGST CNT	H5T_C_S1	
									Minimum_valid_value	0	H5T_STD_U8LE	
									Maximum_valid_value	3	H5T_STD_U8LE	
									Dim0	SWI, TIR	H5T_C_S1	
Dim1	scans	H5T_C_S1										
Dim2	TI1, TI2	H5T_C_S1										
104		TIR_integration_time	TIR積分時間切替	H5T_STD_U8LE	2	343	2		Data_description	TIR integral time INT setting 1-8 selected(max:0, min:7)	H5T_C_S1	
									TLM_info_tlmID	IR0540, IR0547	H5T_C_S1	
									TLM_info_name	IRS TIR-A INTG SEL, IRS TIR-B INTG SEL	H5T_C_S1	
									TLM_info_short_name	I TIR-A INTG SEL, I TIR-B INTG SEL	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Dim2	A, B	H5T_C_S1	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
105		TIR_electric_cal_level	TIR電気校正レベル切替	H5T_STD_U8LE	2	343	2		Data_description	Electrical calibration signal level status 1 : Level1 2 : Level2 3 : Level3 4 : Level4 5 : Level5 6 : Level6	H5T_C_S1	
									TLM_info_tlmID	IR0541, IR0548	H5T_C_S1	
									TLM_info_name	IRS TIR1-A ELEC CAL LVL, IRS TIR2-A ELEC CAL LVL	H5T_C_S1	
									TLM_info_short_name	I TIR1A ELEC CAL, I TIR2A ELEC CAL	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Dim2	TIR-A, TIR-B	H5T_C_S1	
106		TIR_clamp_level	TIRオフセット値設定	H5T_STD_U8LE	2	343	2	2	Data_description	TIR clamp(offset) 0-255 : level1-level256	H5T_C_S1	
									TLM_info_tlmID	IR0544, IR0545, IR0551, IR0552	H5T_C_S1	
									TLM_info_name	IRS TIR1-A OFFSET, IRS TIR1-B OFFSET, IRS TIR2-A OFFSET, IRS TIR2-B OFFSET	H5T_C_S1	
									TLM_info_short_name	I TIR1A OFFSET, I TIR1B OFFSET, I TIR2A OFFSET, I TIR2B OFFSET	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Dim2	TI1, TI2	H5T_C_S1	
107		LED_on_off	LED ON/OFF	H5T_STD_U8LE	2	343			Data_description	LED ON/OFF status 0 : LED1-3 OFF / LED4-6 OFF 1 : LED1-3 OFF / LED4-6 ON 2 : LED1-3 ON / LED4-6 OFF 3 : LED1-3 ON / LED4-6 ON	H5T_C_S1	
									TLM_info_tlmID	IR0553	H5T_C_S1	
									TLM_info_name	IRS LED ON/OFF MODE	H5T_C_S1	
									TLM_info_short_name	I LED ONOFF	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Unit	uA	H5T_C_S1	
108		LED_PD_monitor	LED光量モニタ	H5T_IEEE_F64LE	2	343			Data_description	LED monitor	H5T_C_S1	
									TLM_info_tlmID	IR0554	H5T_C_S1	
									TLM_info_name	IRS LED PD MON	H5T_C_S1	
									TLM_info_short_name	I LED ONOFF	H5T_C_S1	
									Minimum valid value	0	H5T_IEEE_F64LE	
									Maximum valid value	999999	H5T_IEEE_F64LE	
									Unit	uA	H5T_C_S1	
109		Sun_PD_monitor	太陽光光量モニタ	H5T_IEEE_F64LE	2	343	2		Data_description	Sun monitor	H5T_C_S1	
									TLM_info_tlmID	IR0555, IR0556	H5T_C_S1	
									TLM_info_name	IRS SUN PD MON1, IRS SUN PD MON2	H5T_C_S1	
									TLM_info_short_name	I SUN PD MON1, I SUN PD MON2	H5T_C_S1	
									Minimum valid value	0	H5T_IEEE_F64LE	
									Maximum valid value	-999	H5T_IEEE_F64LE	
									Unit	nA	H5T_C_S1	
110		LED_current	内部光源駆動電流	H5T_IEEE_F32LE	2	343	6		Data_description	LED current	H5T_C_S1	
									TLM_info_tlmID	IR0557, IR0558, IR0559, IR0560, IR0561, IR0562	H5T_C_S1	
									TLM_info_name	IRS VIS-LED1 CUR, IRS VIS-LED2 CUR, IRS VIS-LED3 CUR, IRS VIS-LED4 CUR, IRS VIS-LED5 CUR, IRS VIS-LED6 CUR	H5T_C_S1	
									TLM_info_short_name	I CUR LED1, I CUR LED2, I CUR LED3, I CUR LED4, I CUR LED5, I CUR LED6	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Dim2	LED1-LED6	H5T_C_S1	
111		Halogen_voltage	ハロゲン電圧モニタ	H5T_IEEE_F64LE	2	343			Data_description	Halogen voltage	H5T_C_S1	
									TLM_info_tlmID	IR0563	H5T_C_S1	
									TLM_info_name	IRS HAL VLT	H5T_C_S1	
									TLM_info_short_name	I HAL VLT MON	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Unit	V	H5T_C_S1	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
112		Halogen_current	ハロゲン電流モニタ	H5T_IEEE_F64LE	2	343			Data_description	Halogen current	H5T_C_S1	
									TLM_info_tlmID	IR0564	H5T_C_S1	
									TLM_info_name	IRS HAL CUR	H5T_C_S1	
									TLM_info_short_name	I HAL CUR MON	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Minimum_valid_value	0	H5T_IEEE_F64LE	
									Maximum_valid_value	2.5	H5T_IEEE_F64LE	
									Unit	A	H5T_C_S1	
113		TIR_temperature	LWIRD温度モニタ	H5T_IEEE_F64LE	2	343	2		Data_description	TIR temperature monitor	H5T_C_S1	
									TLM_info_tlmID	IR0565, IR0566	H5T_C_S1	
									TLM_info_name	IRS LWIRD TMP1, IRS LWIRD TMP2	H5T_C_S1	
									TLM_info_short_name	I LWIRD MON TMP1, I LWIRD MON TMP2	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Dim2	templ(narrow), temp2(wide)	H5T_C_S1	
									Minimum_valid_value(narrow)	50	H5T_IEEE_F64LE	
									Maximum_valid_value(narrow)	60	H5T_IEEE_F64LE	
									Minimum_valid_value(wide)	47	H5T_IEEE_F64LE	
Maximum_valid_value(wide)	170	H5T_IEEE_F64LE										
114		LED_temperature	LED温度モニタ	H5T_IEEE_F64LE	2	343	2		Data_description	LED temperature monitor	H5T_C_S1	
									TLM_info_tlmID	IR0567, IR0568	H5T_C_S1	
									TLM_info_name	IRS LED TMP1, IRS LED TMP2	H5T_C_S1	
									TLM_info_short_name	I LED MON TMP1, I LED MON TMP2	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Dim2	templ, temp2	H5T_C_S1	
									Minimum_valid_value	0	H5T_IEEE_F64LE	
									Maximum_valid_value	50	H5T_IEEE_F64LE	
									Unit	degree C	H5T_C_S1	
115		PD_temperature	PD温度モニタ	H5T_IEEE_F64LE	2	343			Data_description	PD temperature monitor	H5T_C_S1	
									TLM_info_tlmID	IR0569	H5T_C_S1	
									TLM_info_name	IRS PD TMP	H5T_C_S1	
									TLM_info_short_name	I PD MON TMP	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Minimum_valid_value	0	H5T_IEEE_F64LE	
									Maximum_valid_value	50	H5T_IEEE_F64LE	
									Unit	degree C	H5T_C_S1	
116		Halogen_temperature	ハロゲン温度モニタ	H5T_IEEE_F64LE	2	343			Data_description	Halogen temperature monitor	H5T_C_S1	
									TLM_info_tlmID	IR0570	H5T_C_S1	
									TLM_info_name	IRS HAL TMP	H5T_C_S1	
									TLM_info_short_name	I HAL MON TMP	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Minimum_valid_value	0	H5T_IEEE_F64LE	
									Maximum_valid_value	50	H5T_IEEE_F64LE	
									Unit	degree C	H5T_C_S1	
117		Blackbody_temperature	黒体モニタ温度	H5T_IEEE_F64LE	2	343	5		Data_description	Black body temperature monitor	H5T_C_S1	
									TLM_info_tlmID	IR0571, IR0572, IR0573, IR0574, IR0575	H5T_C_S1	
									TLM_info_name	IRS BLACK BODY TMP1, IRS BLACK BODY TMP2, IRS BLACK BODY TMP3, IRS BLACK BODY TMP4, IRS BLACK BODY TMP5	H5T_C_S1	
									TLM_info_short_name	I BB MON TMP1, I BB MON TMP2, I BB MON TMP3, I BB MON TMP4, I BB MON TMP5	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Dim2	templ-temp5	H5T_C_S1	
									Minimum_valid_value	0	H5T_IEEE_F64LE	
									Maximum_valid_value	50	H5T_IEEE_F64LE	
									Unit	degree C	H5T_C_S1	
118	Ancillary_data/HCE_SD	HCE_temperature	HCE センサ計測温度	H5T_IEEE_F64LE	2	343	64		Data_description	HCE temperature monitor	H5T_C_S1	
									TLM_info_tlmID	IR0334-IR0397	H5T_C_S1	
									TLM_info_name	IRS HCE CHI TMP-IRS HCE CH64 TMP	H5T_C_S1	
									TLM_info_short_name	I HCE TMP NUM1-I HCE TMP NUM64	H5T_C_S1	
									Minimum_valid_value	0	H5T_IEEE_F64LE	
									Maximum_valid_value	-999	H5T_IEEE_F64LE	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Dim2	templ-temp64	H5T_C_S1	
									Unit	degree C	H5T_C_S1	
119	Ancillary_data/TEC_SD	TEC_drv_status	TEC DRV ON/OFFステータス	H5T_STD_U8LE	2	343			Data_description	TEC drive ON/OFF status	H5T_C_S1	
									TLM_info_tlmID	IR0576	H5T_C_S1	
									TLM_info_name	IRS TEC DRV ON/OFF	H5T_C_S1	
									TLM_info_short_name	I TEC ONOFF	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
Dim1	scans	H5T_C_S1										

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
120		TEC_mode	TEC MODEステータス	H5T_STD_U8LE	2	343			Data_description	TEC mode switch status 0 : Constant current control 1 : PI control	H5T_C_S1	
									TLM_info_tlmID	IR0577	H5T_C_S1	
									TLM_info_name	IRS TEC CNTL MODE	H5T_C_S1	
									TLM_info_short_name	I TEC CTRL ST	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
121		TEC_temperature	TEC TEMPステータス	H5T_STD_U8LE	2	343			Data_description	TEC temperature control setting value status 0 : Control temperature -32 degree C 1 : Control temperature -30 degree C	H5T_C_S1	
									TLM_info_tlmID	IR0578	H5T_C_S1	
									TLM_info_name	IRS TEC TMP STS	H5T_C_S1	
									TLM_info_short_name	I TEC TMP	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
122		TEC_current	TEC制御回路電流値	H5T_IEEE_F64LE	2	343			Data_description	TEC control current	H5T_C_S1	
									TLM_info_tlmID	IR0579	H5T_C_S1	
									TLM_info_name	IRS TEC CUR	H5T_C_S1	
									TLM_info_short_name	I TEC CUR	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Minimum_valid_value	0	H5T_IEEE_F64LE	
									Maximum_valid_value	2	H5T_IEEE_F64LE	
									Unit	A	H5T_C_S1	
123		TEC_voltage	TEC制御回路電圧値	H5T_IEEE_F64LE	2	343			Data_description	TEC control voltage	H5T_C_S1	
									TLM_info_tlmID	IR0580	H5T_C_S1	
									TLM_info_name	IRS TEC VLT	H5T_C_S1	
									TLM_info_short_name	I TEC VLT	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Minimum_valid_value	0	H5T_IEEE_F64LE	
									Maximum_valid_value	2	H5T_IEEE_F64LE	
									Unit	V	H5T_C_S1	
124		SWI_temperature	温度モニタ (SWIR焦点面温度)	H5T_IEEE_F64LE	2	343	2		Data_description	SWI temperature monitor	H5T_C_S1	
									TLM_info_tlmID	IR0581, IR0582	H5T_C_S1	
									TLM_info_name	IRS TEC SWIR TMP1, IRS TEC SWIR TMP2	H5T_C_S1	
									TLM_info_short_name	I TEC TMP MON1, I TEC TMP MON2	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Dim2	templ(narrow), temp2(wide)	H5T_C_S1	
									Minimum_valid_value(narrow)	-35	H5T_IEEE_F64LE	
									Maximum_valid_value(narrow)	-25	H5T_IEEE_F64LE	
									Minimum_valid_value(wide)	-35	H5T_IEEE_F64LE	
									Maximum_valid_value(wide)	-25	H5T_IEEE_F64LE	
									Unit	degree C	H5T_C_S1	
125	Ancillary_data/CCE_SD	STC_voltage_set_monitor	STC 出力電圧の設定値モニタ	H5T_IEEE_F64LE	2	343			Data_description	STC voltage set monitor	H5T_C_S1	
									TLM_info_tlmID	IR0583	H5T_C_S1	
									TLM_info_name	IRS CCE STC SET VLT	H5T_C_S1	
									TLM_info_short_name	I CCE STC VLT SET MON	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Minimum_valid_value	0	H5T_IEEE_F64LE	
									Maximum_valid_value	22.721	H5T_IEEE_F64LE	
									Unit	Vrms	H5T_C_S1	
126		STB_voltage_set_monitor	STB 出力電圧の設定値モニタ	H5T_IEEE_F64LE	2	343			Data_description	STB voltage set monitor	H5T_C_S1	
									TLM_info_tlmID	IR0584	H5T_C_S1	
									TLM_info_name	IRS CCE STB SET VLT	H5T_C_S1	
									TLM_info_short_name	I CCE STB VLT SET MON	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Minimum_valid_value	0	H5T_IEEE_F64LE	
									Maximum_valid_value	2.754	H5T_IEEE_F64LE	
									Unit	Vrms	H5T_C_S1	
127		STB_power_set_monitor	STB 位相設定値モニタ	H5T_IEEE_F64LE	2	343			Data_description	STB power set monitor	H5T_C_S1	
									TLM_info_tlmID	IR0585	H5T_C_S1	
									TLM_info_name	IRS CCE STB SET PHASE	H5T_C_S1	
									TLM_info_short_name	I CCE STB PWR SET MON	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Minimum_valid_value	271.2	H5T_IEEE_F64LE	
									Maximum_valid_value	327.9	H5T_IEEE_F64LE	
Unit	degree	H5T_C_S1										

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
128		CCE_status_monitor	ステータスマニタ	H5T STD U8LE	2	343			Data description	CCE status monitor	H5T_C_S1	
									TLM_info_tlmID	IR0598	H5T_C_S1	
									TLM_info_name	IRS CCE STS	H5T_C_S1	
									TLM_info_short_name	I CCE ST MON	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Bit00(LSB)	STC OVI 0 : Normal 1 : OVI	H5T_C_S1	
									Bit01	STB OVI 0 : Normal 1 : OVI	H5T_C_S1	
									Bit02	TLM REQ RETRY 0 : No retry 1 : Retry	H5T_C_S1	
									Bit03	CMD RETRY 0 : No retry 1 : Retry	H5T_C_S1	
									Bit04	DRIVE TLM 0 : Update 1 : No update	H5T_C_S1	
									Bit05	CTRL TLM 0 : Update 1 : No update	H5T_C_S1	
									Bit06	COMN 0 : A 1 : B	H5T_C_S1	
Bit07	IRS CCE temperature sensor 0 : TMP1 1 : TMP2	H5T_C_S1										
129		STC_voltage	STC 出力電圧実測値モニタ	H5T IEEE F64LE	2	343			Data description	STC voltage monitor	H5T_C_S1	
									TLM_info_tlmID	IR0587	H5T_C_S1	
									TLM_info_name	IRS CCE STC VLT	H5T_C_S1	
									TLM_info_short_name	I CCE STC VLT MON	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Minimum valid value	0	H5T_IEEE_F64LE	
									Maximum valid value	23.435	H5T_IEEE_F64LE	
									Unit	Vrms	H5T_C_S1	
130		STC_current	STC 出力電流実測値モニタ	H5T IEEE F64LE	2	343			Data description	STC current monitor	H5T_C_S1	
									TLM_info_tlmID	IR0588	H5T_C_S1	
									TLM_info_name	IRS CCE STC CUR	H5T_C_S1	
									TLM_info_short_name	I CCE STC CUR MON	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Minimum valid value	0	H5T_IEEE_F64LE	
									Maximum valid value	4.333	H5T_IEEE_F64LE	
									Unit	Arms	H5T_C_S1	
131		STC_power	STC 出力電力実測値モニタ	H5T IEEE F64LE	2	343			Data description	STC power monitor	H5T_C_S1	
									TLM_info_tlmID	IR0589	H5T_C_S1	
									TLM_info_name	IRS CCE STC PWR MON	H5T_C_S1	
									TLM_info_short_name	I CCE STC PWR MON	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Minimum valid value	0	H5T_IEEE_F64LE	
									Maximum valid value	65.357	H5T_IEEE_F64LE	
									Unit	W	H5T_C_S1	
132		STB_voltage	STB 出力電圧実測値モニタ	H5T IEEE F64LE	2	343			Data description	STB voltage monitor	H5T_C_S1	
									TLM_info_tlmID	IR0590	H5T_C_S1	
									TLM_info_name	IRS CCE STB VLT	H5T_C_S1	
									TLM_info_short_name	I CCE STB VLT MON	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Minimum valid value	0	H5T_IEEE_F64LE	
									Maximum valid value	2.55	H5T_IEEE_F64LE	
									Unit	Vrms	H5T_C_S1	
133		STB_current	STB 出力電流実測値モニタ	H5T IEEE F64LE	2	343			Data description	STB current monitor	H5T_C_S1	
									TLM_info_tlmID	IR0591	H5T_C_S1	
									TLM_info_name	IRS CCE STB CUR	H5T_C_S1	
									TLM_info_short_name	I CCE STB CUR MON	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Minimum valid value	0	H5T_IEEE_F64LE	
									Maximum valid value	1.173	H5T_IEEE_F64LE	
Unit	Arms	H5T_C_S1										

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No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
134		STB_power	STB 出力電力実測値モニタ	H5T_IEEE_F64LE	2	343			Data description	STB power monitor	H5T_C_S1	
									TLM_info_tlmID	IR0592	H5T_C_S1	
									TLM_info_name	IRS CCE STB PWR MON	H5T_C_S1	
									TLM_info_short_name	I CCE STB PWR MON	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Minimum_valid_value	0	H5T_IEEE_F64LE	
									Maximum_valid_value	1.658	H5T_IEEE_F64LE	
									Unit	W	H5T_C_S1	
									135		Cold_stage_heater_voltage	
TLM_info_tlmID	IR0595	H5T_C_S1										
TLM_info_name	IRS CCE HTR VLT	H5T_C_S1										
TLM_info_short_name	I CCE HTR VLT MON	H5T_C_S1										
Dim0	SWI, TIR	H5T_C_S1										
Dim1	scans	H5T_C_S1										
Minimum_valid_value	0	H5T_IEEE_F64LE										
Maximum_valid_value	9.96	H5T_IEEE_F64LE										
Unit	V	H5T_C_S1										
136		Cold_stage_heater_current	ヒータ駆動電流実測値モニタ	H5T_IEEE_F64LE	2	343						Data description
									TLM_info_tlmID	IR0596	H5T_C_S1	
									TLM_info_name	IRS CCE HTR CUR	H5T_C_S1	
									TLM_info_short_name	I CCE HTR CUR MON	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Minimum_valid_value	0	H5T_IEEE_F64LE	
									Maximum_valid_value	99.6	H5T_IEEE_F64LE	
									Unit	mA	H5T_C_S1	
									137		Cold_stage_heater_power	ヒータ駆動電力実測値モニタ
TLM_info_tlmID	IR0597	H5T_C_S1										
TLM_info_name	IRS CCE HTR PWR MON	H5T_C_S1										
TLM_info_short_name	I CCE HTR PWR MON	H5T_C_S1										
Dim0	SWI, TIR	H5T_C_S1										
Dim1	scans	H5T_C_S1										
Minimum_valid_value	0	H5T_IEEE_F64LE										
Maximum_valid_value	996	H5T_IEEE_F64LE										
Unit	mW	H5T_C_S1										
138	Ancillary_data/SMCU	Scan_rate	走査回転レート	H5T_IEEE_F64LE	2	343						
									TLM_info_tlmID	IR0611	H5T_C_S1	
									TLM_info_name	IRS SMCU SCAN RATE	H5T_C_S1	
									TLM_info_short_name	I SM SCAN RATE	H5T_C_S1	
									Minimum_valid_value	0	H5T_IEEE_F64LE	
									Maximum_valid_value	127.5	H5T_IEEE_F64LE	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
									Unit	rpm	H5T_C_S1	
									139	Ancillary_data/Scan_angle	Scan_angle_ENG	走査角度データ
Dim0	SWI, TIR	H5T_C_S1										
Dim1	scans	H5T_C_S1										
Dim2	1/1000 Revolution	H5T_C_S1										
140	Converted_PCD	---	---	---	---	---	---	---	Worst_orbit_source	0	H5T_STD_USLE	
									Worst_orbit_source_data_description	Source of orbit data(GPS_position_ECR, GPS_velocity_ECR, GPS_position_ECI, GPS_velocity_ECI, Argument_of_latitude) 0 : Realtime PCD 1 : Decision Ephemeris 2 : Prediction Ephemeris	H5T_C_S1	
140	Converted_PCD	---	---	---	---	---	---	---	Worst_attitude_source	0	H5T_STD_USLE	
									Worst_attitude_source_data_description	Source of attitude data(Attitude_time, Attitude_error_angle, Attitude_angular_velocity, Attitude_flag, Quaternion, Quaternion_index, Quaternion_number) 0 : Realtime PCD (Quaternion) 1 : Realtime PCD (Eular angle) 2 : Nominal	H5T_C_S1	
141	GPS_position_ECR	GPS衛星位置(WGS84座標系)	H5T_IEEE_F32LE	354	3				Data description	GCOM-C position calculated by GPS	H5T_C_S1	
									Coordinate system	WGS84	H5T_C_S1	
									Dim0	orbit records (1Hz)	H5T_C_S1	
									Dim1	x, y, z	H5T_C_S1	
									Unit	km	H5T_C_S1	
142	GPS_velocity_ECR	GPS衛星速度(WGS84座標系)	H5T_IEEE_F32LE	354	3				Data description	GCOM-C velocity calculated by GPS	H5T_C_S1	
									Coordinate system	WGS84	H5T_C_S1	
									Dim0	orbit records (1Hz)	H5T_C_S1	
									Dim1	Vx, Vy, Vz	H5T_C_S1	
									Unit	km/s	H5T_C_S1	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
143		GPS_position_ECI	GPS衛星位置(J2000座標系)	H5T_IEEE_F32LE	354	3		Data_description	GCOM-C position calculated by GPS	H5T_C_S1		
								Coordinate system	J2000	H5T_C_S1		
								Dim0	orbit records (1Hz)	H5T_C_S1		
								Dim1	x, y, z	H5T_C_S1		
								Unit	km	H5T_C_S1		
144		GPS_velocity_ECI	GPS衛星速度(J2000座標系)	H5T_IEEE_F32LE	354	3		Data_description	GCOM-C velocity calculated by GPS	H5T_C_S1		
								Coordinate system	J2000	H5T_C_S1		
								Dim0	orbit records (1Hz)	H5T_C_S1		
								Dim1	Vx, Vy, Vz	H5T_C_S1		
								Unit	km/s	H5T_C_S1		
145		Argument_of_latitude	緯度引数(WGS84座標系) [真緯度引数]	H5T_IEEE_F32LE	354			Data_description	Argument of latitude (true anomaly)	H5T_C_S1		
								Coordinate system	WGS84	H5T_C_S1		
								Dim0	orbit records (1Hz)	H5T_C_S1		
								Unit	degree	H5T_C_S1		
146		Navigation_status	航法ステータス	H5T_STD_U32LE	354			Data_description	Navigation status	H5T_C_S1		
								Bit00(LSB)-01	navigation status 00 : Stop 01 : AG filter 10 : Kalman filter 11 : Kalman filter(Convergence)	H5T_C_S1		
								Bit02-07	spare	H5T_C_S1		
								Bit08-09	antenna (CH1) 00 : Not use 01 : GPSR-A 10 : GPSR-B 11 : N/A	H5T_C_S1		
								Bit10-11	antenna (CH2) 00 : Not use 01 : GPSR-A 10 : GPSR-B 11 : N/A	H5T_C_S1		
								Bit12-13	antenna (CH3) 00 : Not use 01 : GPSR-A 10 : GPSR-B 11 : N/A	H5T_C_S1		
								Bit14-15	antenna (CH4) 00 : Not use 01 : GPSR-A 10 : GPSR-B 11 : N/A	H5T_C_S1		
								Bit16-17	antenna (CH5) 00 : Not use 01 : GPSR-A 10 : GPSR-B 11 : N/A	H5T_C_S1		
								Bit18-19	antenna (CH6) 00 : Not use 01 : GPSR-A 10 : GPSR-B 11 : N/A	H5T_C_S1		
								Bit20-21	antenna (CH7) 00 : Not use 01 : GPSR-A 10 : GPSR-B 11 : N/A	H5T_C_S1		
								Bit22-23	antenna (CH8) 00 : Not use 01 : GPSR-A 10 : GPSR-B 11 : N/A	H5T_C_S1		
								Bit24-31(MSB)	spare	H5T_C_S1		
								147		Attitude_time		姿勢決定時刻[GPS]
Data_description	Time when attitude determined	H5T_C_S1										
Epoch_time	19800106 00:00:00	H5T_C_S1										
Dim0	attitude records (1Hz)	H5T_C_S1										
Unit	sec	H5T_C_S1										
148		Attitude_error_angle	姿勢誤差 [軌道面座標系]	H5T_IEEE_F32LE	354	3		Data_description	Attitude error	H5T_C_S1		
								Dim0	attitude records (1Hz)	H5T_C_S1		
								Dim1	Roll, Pitch, Yaw	H5T_C_S1		
								Unit	degree	H5T_C_S1		
149		Attitude_angular_velocity	姿勢角速度 [軌道面座標系]	H5T_IEEE_F32LE	354	3		Data_description	Attitude angular velocity	H5T_C_S1		
								Dim0	attitude records (1Hz)	H5T_C_S1		
								Dim1	Roll, Pitch, Yaw	H5T_C_S1		
								Unit	degree/sec	H5T_C_S1		

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
150		Attitude_flag	姿勢フラグ	H5T_STD_U8LE	354				Data_description	Quaternion usable / unusable flag 0 : ESA/IRU (quaternion unusable) 1 : STT/IRU (quaternion usable) 255 : Error value	H5T_C_S1	
									Dim0	attitude records (1Hz)	H5T_C_S1	
151		Quaternion	クォータニオン	H5T_IEEE_F32LE	354	11	4		Data_description	Quaternion(9-11 data per sec)	H5T_C_S1	
									Error_value	-999.99	H5T_IEEE_F32LE	
									Dim0	attitude records (1Hz)	H5T_C_S1	
									Dim1	Maximum number of quaternions (unusable area is stored with indefinite value)	H5T_C_S1	
									Dim2	q1, q2, q3, q4(scalar)	H5T_C_S1	
152		Quaternion_index	姿勢決定時刻インデックス	H5T_STD_U8LE	354				Data_description	Quaternion index (0-10) corresponds to "Att time"	H5T_C_S1	
									Dim0	attitude records (1Hz)	H5T_C_S1	
									Error_value	255	H5T_STD_U8LE	
									Minimum valid value	0	H5T_STD_U8LE	
									Maximum valid value	10	H5T_STD_U8LE	
153		Quaternion_number	クォータニオンの有効数	H5T_STD_U8LE	354				Data_description	Available number of quaternion	H5T_C_S1	
									Dim0	attitude records (1Hz)	H5T_C_S1	
									Error_value	255	H5T_STD_U8LE	
									Minimum valid value	9	H5T_STD_U8LE	
									Maximum valid value	11	H5T_STD_U8LE	
154		AOCS_mode	AOCS制御モード	H5T_STD_U8LE	354				Data_description	AOCS(attitude and Orbit Control System) control mode	H5T_C_S1	
									Bit00 (LSB)-07	Control Mode / Control Sub Mode 01110000 : Normal control / Not execute unloading 01110001 : Normal control / Execute magnetic unloading 01110010 : Normal control / Execute thruster unloading 10000000 : Orbit control / Attitude control thruster Delta-V (pitch and yaw-failure) 10000001 : Orbit control / Orbit control thruster (normal) 10000010 : Orbit control / Orbit control thruster Delta-V (pitch-failure) 10000011 : Orbit control / Orbit control thruster Delta-V (yaw-failure) 10000100 : Orbit control / Attitude control thruster(Three axis stabilized attitude control) 10000101 : Orbit control / Delta-V Idling 10000110 : Orbit control / Yaw around (first half) 10000111 : Orbit control / Yaw around (last half) 10010000 : Calibration Maneuver / Solar calibration or Gain deviation maneuver(First maneuver) 10010001 : Calibration Maneuver / Solar calibration or Gain deviation maneuver(Second maneuver) 10010010 : Calibration Maneuver / Solar calibration or Gain deviation maneuver(Third maneuver) 10010011 : Calibration Maneuver / Lunar calibration maneuver(First maneuver) 10010100 : Calibration Maneuver / Lunar calibration maneuver(Second maneuver) 10010101 : Calibration Maneuver / Lunar calibration maneuver(Third maneuver) Others : Not defined	H5T_C_S1	
									Error_value	255	H5T_C_S1	
									Dim0	Realtime PCD records (1Hz)	H5T_C_S1	
155		Orbit_source	軌道情報の源泉種別	H5T_STD_U8LE	354				Data_description	Source of orbit data(GPS_position_ECR, GPS_velocity_ECR, GPS_position_ ECI, GPS_velocity_ECI, Argument_of_latitude) 0 : Realtime PCD 1 : Decision Ephemeris 2 : Prediction Ephemeris	H5T_C_S1	
									Dim0	orbit records (1Hz)	H5T_C_S1	
156		Attitude_source	姿勢情報の源泉種別	H5T_STD_U8LE	354				Data_description	Source of attitude data(Attitude_time, Attitude_error_angle, Attitude_ang ular_velocity, Attitude_flag, Quaternion, Quaternion_in dex, Quaternion_number) 0 : Realtime PCD (Quaternion) 1 : Realtime PCD (Eular angle) 2 : Nominal	H5T_C_S1	
									Dim0	attitude records (1Hz)	H5T_C_S1	

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No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
157	Data_quality_flag	Qf_scan_SWI	スキャン品質フラグ(SW1, 2, 4)	H5T STD U8LE	3	1854			Data description	Quality flag of each scan	H5T_C_S1	
									Dim0	SW1, SW2, SW4	H5T_C_S1	
									Dim1	L1B-lines	H5T_C_S1	
									Bit00 (LSB)-002	Quality flag 000 : Normal line 001 : Lack line 011 : Lack line (1km/500m->250m or 1km->500m) 100 : Lack line (for calibration) 101 : Lack line (for synchronization between sensors) 010 : Resampling line (250m->1km/500m) 110 : Resampling line (500m->1km) 111 : Mixed line (000,001,011,100,101,010,110)	H5T_C_S1	
158		Qf_scan_SW3	スキャン品質フラグ(SW3)	H5T STD U8LE	7416				Data description	Quality flag of each scan	H5T_C_S1	
									Dim0	Quality flag 000 : Normal line 001 : Lack line 011 : Lack line (1km/500m->250m or 1km->500m) 100 : Lack line (for calibration) 101 : Lack line (for synchronization between sensors) 010 : Resampling line (250m->1km/500m) 110 : Resampling line (500m->1km) 111 : Mixed line (000,001,011,100,101,010,110)	H5T_C_S1	
									Dim1	L1B-lines	H5T_C_S1	
									Bit00 (LSB)-002	Quality flag 000 : Normal line 001 : Lack line 011 : Lack line (1km/500m->250m or 1km->500m) 100 : Lack line (for calibration) 101 : Lack line (for synchronization between sensors) 010 : Resampling line (250m->1km/500m) 110 : Resampling line (500m->1km) 111 : Mixed line (000,001,011,100,101,010,110)	H5T_C_S1	
159		Qf_scan_TIR	スキャン品質フラグ(TIR)	H5T STD U8LE	2	3708			Data description	Quality flag of each scan	H5T_C_S1	
									Dim0	TIR1, TIR2	H5T_C_S1	
									Dim1	L1B-lines	H5T_C_S1	
									Bit00 (LSB)-002	Quality flag 000 : Normal line 001 : Lack line 011 : Lack line (1km/500m->250m or 1km->500m) 100 : Lack line (for calibration) 101 : Lack line (for synchronization between sensors) 010 : Resampling line (250m->1km/500m) 110 : Resampling line (500m->1km) 111 : Mixed line (000,001,011,100,101,010,110)	H5T_C_S1	
160		Qf_data_SWI	データ品質フラグ(SW1, 2, 4)	H5T STD U16LE	1854	1250			Data description	Quality flag of each pixel	H5T_C_S1	
									Dim0	Stray-light quantity flag SW1 SW2 SW4 0 : Less than threshold 1 : More than threshold	H5T_C_S1	
									Dim1	L1B-lines	H5T_C_S1	
									Bit00 (LSB)-Bit02	Stray-light quantity flag SW1 SW2 SW4 0 : Less than threshold 1 : More than threshold	H5T_C_S1	
161		Qf_data_SW3	データ品質フラグ(SW3)	H5T STD U16LE	7416	5000			Data description	Quality flag of each pixel	H5T_C_S1	
									Dim0	Stray-light quantity flag SW3 0 : Less than threshold 1 : More than threshold	H5T_C_S1	
									Dim1	L1B-pixels	H5T_C_S1	
									Bit00 (LSB)	Stray-light quantity flag SW3 0 : Less than threshold 1 : More than threshold	H5T_C_S1	
162		Qf_data_TIR	データ品質フラグ(TIR)	H5T STD U16LE	3708	2500			Data description	Quality flag of each pixel	H5T_C_S1	
									Dim0	L1B-lines	H5T_C_S1	
									Dim1	L1B-pixels	H5T_C_S1	
									Bit00 (LSB)	Stray-light quantity flag SW3 0 : Less than threshold 1 : More than threshold	H5T_C_S1	

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
163		Qf_data_stray	迷光補正量	H5T_STD_U8LE	7416	5000			Data_description	delta_L: The amount of stray light correction for the representative channel. delta_L = Ltrue - Lobs, where Ltrue is the stray light corrected radiance, Lobs is the observed radiance respectively. Band_weighted_TOA_solar_irradiance, F0/D^2; F0: Band weighted TOA solar irradiance at 1 AU (Thuiller 2003), D: Sun-Earth distance (unit: AU)	H5T_C_S1	
									Band_width	200	H5T_IEEE_F32LE	
									Band_width_unit	nm	H5T_C_S1	
									Center_wavelength	1630	H5T_IEEE_F32LE	
									Center_wavelength_unit	nm	H5T_C_S1	
									Band_weighted_TOA_solar_irradiance	237.5784	H5T_IEEE_F32LE	
									Band_weighted_TOA_solar_irradiance_unit	W/m^2/um	H5T_C_S1	
									Dim0	L1B-lines	H5T_C_S1	
									Dim1	L1B-pixels	H5T_C_S1	
									Error_DN	255	H5T_STD_U8LE	
									Maximum_valid_DN	254	H5T_STD_U8LE	
									Minimum_valid_DN	0	H5T_STD_U8LE	
									Saturation_radiance	55.22	H5T_IEEE_F32LE	
									Saturation_radiance_unit	W/m^2/um/sr	H5T_C_S1	
									Spatial_resolution	250.0	H5T_IEEE_F32LE	
									Spatial_resolution_unit	meter	H5T_C_S1	
									Unit	W/m^2/um/sr	H5T_C_S1	
									Slope	0.00367721	H5T_IEEE_F32LE	
Offset	-5.02	H5T_IEEE_F32LE										
Channel	SWI3	H5T_C_S1										
164	Qf_GPS	GPSの受信状況	H5T_STD_U8LE	354				Data_description	Quality flag of GPS 0 : GPS time standard 1 : DMS time standard 255 : Error value	H5T_C_S1		
								Dim0	orbit records (1Hz)	H5T_C_S1		
165	Qf_sc_position	衛星の位置の品質フラグ	H5T_STD_U8LE	354				Data_description	Quality flag of GCOM-C position 0 : Normal 1 : Satellite position value falls outside the normal range(or Error value)	H5T_C_S1		
								Dim0	orbit records (1Hz)	H5T_C_S1		
166	Qf_sc_velocity	衛星の速度の品質フラグ	H5T_STD_U8LE	354				Data_description	Quality flag of GCOM-C velocity 0 : Normal 1 : Satellite velocity value falls outside the normal range(or Error value)	H5T_C_S1		
								Dim0	orbit records (1Hz)	H5T_C_S1		
167	Qf_sc_attitude_quaternion	衛星の姿勢 (クォータニオン) の品質フラグ	H5T_STD_U8LE	354				Data_description	Quality flag of GCOM-C quaternion 0 : Normal 1 : Abnormal(or Error value)	H5T_C_S1		
								Dim0	attitude records (1Hz)	H5T_C_S1		
168	Qf_sc_attitude_eular_angle	衛星の姿勢 (オイラー角) の品質フラグ	H5T_STD_U8LE	354				Data_description	Quality flag of GCOM-C eular angle 0 : Normal 1 : Abnormal(or Error value)	H5T_C_S1		
								Dim0	attitude records (1Hz)	H5T_C_S1		
169	Qf_sc_status	衛星の状態を示すフラグ	H5T_STD_U8LE	354				Data_description	Quality flag of GCOM-C status 0 : Normal 1 : Possibly less accurate around maneuver or tilt	H5T_C_S1		
								Dim0	orbit records (1Hz)	H5T_C_S1		
170	Qf_sun_calibration	太陽光校正フラグ(SWIのみ)	H5T_STD_U8LE	343				Data_description	Quality flag of Sun calibration (SWI only) 0 : Not Sun calibration(Solar elevation value is within the normal range) 1 : Sun calibration(Solar elevation value falls outside the normal range)	H5T_C_S1		
								Dim0	scans	H5T_C_S1		
171	Qf_Internal_lamp_calibration	内部光源校正フラグ(SWIのみ)	H5T_STD_U8LE	343				Data_description	Quality flag of Internal light calibration (SWI only) 0 : Not internal light calibration	H5T_C_S1		
								Dim0	scans	H5T_C_S1		
172	Qf_electric_calibration	電気校正フラグ	H5T_STD_U8LE	2	343			Data_description	Quality flag of electrical calibration 0 : Not electrical calibration 1 : Electrical calibration	H5T_C_S1		
								Dim0	SWI, TIR	H5T_C_S1		
								Dim1	scans	H5T_C_S1		

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No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
173		Qf_maneuver	マヌーバ校正フラグ	H5T_STD_U8LE	2	343			Data_description	Quality flag of maneuver 0 : Not maneuver 1 : Not maneuver (out of range) 11 : Maneuver (Moon, out of range) 12 : Maneuver (Moon, in of range) 13 : Maneuver (Moon, indefinite) 21 : Maneuver (Sun/Gain deviation) 22 : Maneuver (Sun/Gain deviation, indefinite) 31 : Orbit Control Mode (STT/IRU) 32 : Orbit Control Mode (STT/IRU, indefinite) 33 : Orbit Control Mode (not STT/IRU) 34 : Orbit Control Mode (not STT/IRU, indefinite) 255 : AOCS Control Mode Error value (nominal attitude)	H5T_C_S1	
									Dim0	SWI, TIR	H5T_C_S1	
									Dim1	scans	H5T_C_S1	
174		Qf_LWIR_temperature	LWIR (TIR) 温度の品質フラグ	H5T_STD_U8LE	343				Data_description	Quality flag of LWIR (TIR) temperature 0 : Normal 1 : LWIR temperature falls outside the normal range	H5T_C_S1	
									Dim0	scans	H5T_C_S1	
175		Qf_SWIR_temperature	SWIR温度の品質フラグ	H5T_STD_U8LE	343	2			Data_description	Quality flag of SWIR (SWIR) temperature 0 : Normal 1 : SWIR temperature falls outside the normal range	H5T_C_S1	
									Dim0	scans	H5T_C_S1	
									Dim1	templ (narrow), temp2 (wide)	H5T_C_S1	
176		Qf_LED_temperature	LED温度の品質フラグ	H5T_STD_U8LE	343				Data_description	Quality flag of LED temperature 0 : Normal 1 : LED temperature falls outside the normal range	H5T_C_S1	
									Dim0	scans	H5T_C_S1	
177		Qf_halogen_temperature	ハロゲン温度の品質フラグ	H5T_STD_U8LE	343				Data_description	Quality flag of Halogen temperature 0 : Normal 1 : Halogen temperature falls outside the normal	H5T_C_S1	
									Dim0	scans	H5T_C_S1	
178		Qf_blackbody_temperature	黒体温度の品質フラグ	H5T_STD_U8LE	343				Data_description	Quality flag of Blackbody temperature	H5T_C_S1	
									Bit00 (LSB) -Bit04	temperature1 - temperature5 0 : Normal 1 : Blackbody temperature falls outside the normal	H5T_C_S1	
									Dim0	scans	H5T_C_S1	
179		Qf_ASP_temperature	ASP温度の品質フラグ	H5T_STD_U8LE	343				Data_description	Quality flag of ASP temperature	H5T_C_S1	
									Bit00 (LSB)	ASP temperature 0 : Normal 1 : ASP temperature falls outside the normal range	H5T_C_S1	
									Dim0	scans	H5T_C_S1	
180		Qf_preamp_temperature	プリアンプ温度の品質フラグ	H5T_STD_U8LE	343				Data_description	Quality flag of preamp temperature	H5T_C_S1	
									Bit00 (LSB)	Preamp temperature 0 : Normal 1 : Preamp temperature falls outside the normal	H5T_C_S1	
									Dim0	scans	H5T_C_S1	
181		Qf_around_blackbody_temperature	黒体周辺温度の品質フラグ	H5T_STD_U8LE	343				Data_description	Quality flag of temperature around blackbody	H5T_C_S1	
									Bit00 (LSB)	temperature around blackbody 0 : Normal 1 : Temperature around Blackbody falls outside the normal range	H5T_C_S1	
									Dim0	scans	H5T_C_S1	
182		Qf_moon_affect	深宇宙窓からの月影響算出フラグ	H5T_STD_U16LE	343				Data_description	Flag of moon affect from deep space window	H5T_C_S1	
									Bit00 (LSB) -Bit05	SW1-SW4, T11-T12 0 : No affect 1 : Affect	H5T_C_S1	
183		Qf_scan_rate	走査回転フラグ	H5T_STD_U8LE	343				Data_description	Flag of scan rotation rate 0 : No affect 1 : Affect	H5T_C_S1	
									Dim0	scans	H5T_C_S1	
184		Qf_gain_SW1	ゲイン値の算出フラグ (SW1) 分光放射輝度算出に使用したゲイン値の品質フラグ (SW1)	H5T_STD_U16LE	1715				Data_description	Quality flag of gain (SW1, SW2, SW4)	H5T_C_S1	
									Bit00 (LSB) -Bit02	SW1, SW2, SW4 0 : Good precision 1 : Bad precision	H5T_C_S1	
									Dim0	L1A-lines	H5T_C_S1	
185		Qf_gain_SW3	ゲイン値の算出フラグ (SW3) 分光放射輝度算出に使用したゲイン値の品質フラグ (SW3)	H5T_STD_U16LE	6860				Data_description	Quality flag of gain (SW3)	H5T_C_S1	
									Bit00 (LSB)	SW3 0 : Good precision 1 : Bad precision	H5T_C_S1	
									Dim0	L1A-lines	H5T_C_S1	

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No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考	
186		Qf_gain_TIR	ゲイン値の算出フラグ(TIR) 分光放射輝度算出に使用したゲイン値の品質フラグ(TIR)	H5T_STD_U16LE	3430				Data_description	Quality flag of gain (TIR)	H5T_C_S1		
										Bit00 (LSB)-Bit01	TI1-TI2 0 : Good precision 1 : Bad precision		H5T_C_S1
										Dim0	L1A-lines		H5T_C_S1
187		Qf_offset_SW1	オフセット値の算出フラグ(SW1) 分光放射輝度算出に使用したオフセット値の品質フラグ(SW1)	H5T_STD_U16LE	1715				Data_description	Quality flag of offset (SW1, SW2, SW4)	H5T_C_S1		
										Bit00 (LSB)-Bit02	SW1, SW2, SW4 0 : Good precision 1 : Bad precision		H5T_C_S1
										Dim0	L1A-lines		H5T_C_S1
188		Qf_offset_SW3	オフセット値の算出フラグ(SW3) 分光放射輝度算出に使用したオフセット値の品質フラグ(SW3)	H5T_STD_U16LE	6860				Data_description	Quality flag of offset (SW3)	H5T_C_S1		
										Bit00 (LSB)	SW3 0 : Good precision 1 : Bad precision		H5T_C_S1
										Dim0	L1A-lines		H5T_C_S1
189		Qf_offset_TIR	オフセット値の算出フラグ(TIR) 分光放射輝度算出に使用したオフセット値の品質フラグ(TIR)	H5T_STD_U16LE	3430				Data_description	Quality flag of offset	H5T_C_S1		
										Bit00 (LSB)-Bit01	TI1-TI2 0 : Good precision 1 : Bad precision		H5T_C_S1
										Dim0	L1A-lines		H5T_C_S1
190		Saturation_num_in_line_SW1	飽和輝度値の数(SWI1, 2, 4)	H5T_STD_U16LE	3	1854			Data_description	Number of saturation data in line (SWI1, 2, 4)	H5T_C_S1	数のカウント方法、飽和の判定条件はVNR-NPと同じ。 分光放射輝度値の飽和しきい値は、バンドごとの処理パラメータ	
										Dim0	SWI1, 2, 4		H5T_C_S1
										Dim1	L1B-lines		H5T_C_S1
191		Saturation_num_in_line_SW3	飽和輝度値の数(SWI3)	H5T_STD_U16LE	7416				Data_description	Number of saturation data in line (SWI3)	H5T_C_S1	数のカウント方法、飽和の判定条件はVNR-NPと同じ。 分光放射輝度値の飽和しきい値は、分解能ごとの処理パラメータ	
										Dim0	L1B-lines		H5T_C_S1
										Dim1	L1B-lines		H5T_C_S1
192		Saturation_num_in_line_TIR	飽和輝度値の数(TIR1, 2)	H5T_STD_U16LE	2	3708			Data_description	Number of saturation data in line (TIR)	H5T_C_S1	数のカウント方法、飽和の判定条件はVNR-NPと同じ。 分光放射輝度値の飽和しきい値は、バンド、分解能ごとの処理パラメータ	
										Dim0	TIR1, 2		H5T_C_S1
										Dim1	L1B-lines		H5T_C_S1
193	Geometry_parameter	Sensor_position	センサの視線原点の位置 [衛星固定座標系]	H5T_IEEE_F64LE	3	—	—	—	Geometry parameter version	0002	H5T_C_S1		
										Data_description	Sensor base position		H5T_C_S1
										Dim0	x, y, z		H5T_C_S1
194		GPSR_position	GPSR位置[衛星固定座標系]	H5T_IEEE_F64LE	2	3			Data_description	GPSR position	H5T_C_S1		
										Dim0	Antenna-A, Antenna-B		H5T_C_S1
										Dim1	x, y, z		H5T_C_S1
195		DTC_sensor_alignment	取付アライメント	H5T_IEEE_F64LE	3	3			Data_description	Sensor alignment	H5T_C_S1		
										Dim0	Rows		H5T_C_S1
										Dim1	Columns		H5T_C_S1
196		DTC_primary_change_rate	一次変化率	H5T_IEEE_F64LE	3				Data_description	Primary change rate	H5T_C_S1		
										Dim0	lx, ly, lz		H5T_C_S1
										Unit	radian/day		H5T_C_S1
197		DTC_exponential_amplitude	指数項振幅	H5T_IEEE_F64LE	3				Data_description	Exponential term amplitude	H5T_C_S1		
										Dim0	Ax, Ay, Az		H5T_C_S1
										Unit	N/A		H5T_C_S1
198		DTC_exponential_time_const	指数項時定数	H5T_IEEE_F64LE	1				Data_description	Exponential term time constant	H5T_C_S1		
										Unit	day		H5T_C_S1
										Epoch time	20000101		H5T_C_S1
199		DTC_long_period	長周期(長周期バイアス変動)	H5T_IEEE_F64LE	1				Data_description	Long round period	H5T_C_S1		
										Unit	day		H5T_C_S1
										Unit	day		H5T_C_S1
200		DTC_long_fourier_coef	フーリエ級数係数(1年周期変動バイアス)	H5T_IEEE_F64LE	6	8			Data_description	Fourier series coefficient (Long round period)	H5T_C_S1		
										Dim0	ax, bx, ay, by, az, bz		H5T_C_S1
										Dim1	degree1-degree8		H5T_C_S1
201		DTC_orbit_period	軌道周期(熱歪軌道周回変動)	H5T_IEEE_F64LE	1				Data_description	Orbit period	H5T_C_S1		
										Unit	min		H5T_C_S1
										Unit	N/A		H5T_C_S1
202		DTC_orbit_fourier_coef	フーリエ級数係数(熱歪軌道周回変動)	H5T_IEEE_F64LE	6	8			Data_description	Fourier series coefficient (Orbit period)	H5T_C_S1		
										Dim0	ax, bx, ay, by, az, bz		H5T_C_S1
										Dim1	degree1-degree8		H5T_C_S1
									Unit	N/A	H5T_C_S1		

別紙_L1プロダクトフォーマット一覧_L1B

No.	大項目名	データセット名	内容	型	0次元目	1次元目	2次元目	3次元目	Attribute	Attribute Value	Attribute Type	備考
203		SCN_sensor_alignment	取付アライメント	H5T_IEEE_F64LE	3	3			Data_description	Sensor alignment	H5T_C_S1	
									Dim0	Rows	H5T_C_S1	
									Dim1	Columns	H5T_C_S1	
									Unit	N/A	H5T_C_S1	
204		SCN_primary_change_rate	一次変化率	H5T_IEEE_F64LE	3				Data_description	Primary change rate	H5T_C_S1	
									Dim0	lx, ly, lz	H5T_C_S1	
									Unit	radian/day	H5T_C_S1	
									Unit	Ax, Ay, Az	H5T_C_S1	
205		SCN_exponential_amplitude	指数項振幅	H5T_IEEE_F64LE	3				Data_description	Exponential term amplitude	H5T_C_S1	
									Dim0	N/A	H5T_C_S1	
									Unit	N/A	H5T_C_S1	
									Unit	N/A	H5T_C_S1	
206		SCN_exponential_time_const	指数項時定数	H5T_IEEE_F64LE	1				Data_description	Exponential term time constant	H5T_C_S1	
									Unit	day	H5T_C_S1	
									Unit	day	H5T_C_S1	
									Unit	day	H5T_C_S1	
207		SCN_long_period	長周期(長周期バイアス変動)	H5T_IEEE_F64LE	1				Data_description	Long round period	H5T_C_S1	
									Epoch time	20000101	H5T_C_S1	
									Unit	day	H5T_C_S1	
									Unit	day	H5T_C_S1	
208		SCN_long_fourier_coef	フーリエ級数係数(1年周期変動バイアス)	H5T_IEEE_F64LE	6	8			Data_description	Fourier series coefficient (Long round period)	H5T_C_S1	
									Dim0	ax, bx, ay, by, az, bz	H5T_C_S1	
									Dim1	degree1-degree8	H5T_C_S1	
									Unit	N/A	H5T_C_S1	
209		SCN_orbit_period	軌道周期(熱歪軌道周回変動)	H5T_IEEE_F64LE	1				Data_description	Orbit period	H5T_C_S1	
									Unit	min	H5T_C_S1	
									Unit	min	H5T_C_S1	
									Unit	min	H5T_C_S1	
210		SCN_orbit_fourier_coef	フーリエ級数係数(熱歪軌道周回変動)	H5T_IEEE_F64LE	6	8			Data_description	Fourier series coefficient (Orbit period)	H5T_C_S1	
									Dim0	ax, bx, ay, by, az, bz	H5T_C_S1	
									Dim1	degree1-degree8	H5T_C_S1	
									Unit	N/A	H5T_C_S1	
211		Rotation_angle_ref	走査ミラー回転原点の回転角	H5T_IEEE_F64LE	1				Data_description	Rotation angle ref	H5T_C_S1	
									Unit	degree	H5T_C_S1	
									Unit	degree	H5T_C_S1	
									Unit	degree	H5T_C_S1	
212		Motor_linearity_coef	走査モータ機構の走査リニアリティ補正係数	H5T_IEEE_F64LE	2	10			Data_description	Motor linearity correction coefficient	H5T_C_S1	
									Dim0	correction function, reverse function	H5T_C_S1	
									Dim1	A0(B0)-A9(B9)	H5T_C_S1	
									Unit	N/A	H5T_C_S1	
213		Geo_opt_SW1	画素視線ベクトル算出用デバイス位置(SW1)[デバイス座標系]	H5T_IEEE_F64LE	3	3	5		Data_description	Detector vector parameter (SW1)	H5T_C_S1	
									Dim0	SW1, SW2, SW4	H5T_C_S1	
									Dim1	d ct, d at, f	H5T_C_S1	
									Dim2	pixel01-pixel105	H5T_C_S1	
214		Geo_opt_SW3	画素視線ベクトル算出用デバイス位置(SW3)[デバイス座標系]	H5T_IEEE_F64LE	3	20			Data_description	Detector vector parameter (TIR)	H5T_C_S1	
									Dim0	d ct, d at, f	H5T_C_S1	
									Dim1	pixel01-pixel20	H5T_C_S1	
									Unit	mm	H5T_C_S1	
215		Geo_opt_TIR	画素視線ベクトル算出用デバイス位置(TIR)[デバイス座標系]	H5T_IEEE_F64LE	4	3	20		Data_description	Detector vector parameter (TIR)	H5T_C_S1	
									Dim0	TI1-A, TI1-B, TI2-A, TI2-B	H5T_C_S1	
									Dim1	d ct, d at, f	H5T_C_S1	
									Dim2	pixel01-pixel20	H5T_C_S1	
216		IRS_sample_start_number	IRS T1~T6パラメータ値(サンプル開始番号)	H5T_STD_U16LE	6	3			Data_description	sample start number of IRS scan	H5T_C_S1	
									Dim0	T1-T6	H5T_C_S1	
									Dim1	1km, 500m, 250m	H5T_C_S1	
									Unit	sample (1 origin)	H5T_C_S1	
217		IRS_sample_start_time	IRS T1~T6パラメータ値(サンプル開始時間)	H5T_IEEE_F64LE	6				Data_description	sample start time of IRS scan	H5T_C_S1	
									Dim0	T1-T6	H5T_C_S1	
									Unit	msec	H5T_C_S1	
									Unit	msec	H5T_C_S1	
218		IRS_delta_ts	Δts	H5T_IEEE_F64LE	3	3			Data_description	sampling interval of IRS scan	H5T_C_S1	
									Dim0	(SW1&SW2&SW4), SW3, TIR	H5T_C_S1	
									Dim1	1km, 500m, 250m	H5T_C_S1	
									Unit	usec	H5T_C_S1	
219		K_DELAY	相対遅延サンプル(K_DELAY)	H5T_IEEE_F64LE	6	20			Data_description	K_DELAY: relative sample delay	H5T_C_S1	
									Dim0	SW1, SW2, SW3(250m), SW3(1km), SW4, TIR	H5T_C_S1	
									Dim1	pixels	H5T_C_S1	
									Unit	pixels	H5T_C_S1	
220	Earth_rotation_parameter	Polar_motion	極運動パラメータ	H5T_IEEE_F64LE	2				Data_description	Polar motion parameter	H5T_C_S1	
									Dim0	dx, dy	H5T_C_S1	
									Unit	sec of arc	H5T_C_S1	
									Unit	sec	H5T_C_S1	
221		UT1-UTC	UT1-UTCの差	H5T_IEEE_F32LE	1				Data_description	UT1-UTC	H5T_C_S1	
									Unit	sec	H5T_C_S1	
									Unit	sec	H5T_C_S1	
									Unit	sec	H5T_C_S1	
222		Precession_nutation	歳差/章動パラメータ	H5T_IEEE_F64LE	2				Data_description	Precession and nutation parameter	H5T_C_S1	
									Dim0	dpsi, deps	H5T_C_S1	
									Unit	msec of arc	H5T_C_S1	
									Unit	msec of arc	H5T_C_S1	
223	Extended_area	Stray_sign_flag_1km_SW1	1km迷光量符号フラグ(SW1)	H5T_STD_U8LE	1854	1250			Data_description	Resampled stray sign flag of SW1	H5T_C_S1	
									Bit00(LSB)	SW03	H5T_C_S1	
									Dim0	0 : Sign of stray light quantity is positive (or zero)	H5T_C_S1	
									Dim1	L1B-lines(1km)	H5T_C_S1	

別紙_L1プロダクトフォーマット一覧_L1B

L1B' (低解像度リサンプリング) VNR-NP

※VNR-PLは1km解像度のみのためリサンプリングプロダクトはない

No.	大項目名	データセット名	内容	型	1次元目	2次元目	3次元目	4次元目	Attribute	Attribute Value	Attribute Type	備考
	Image_data	Statistic_data	統計データ(代表チャンネル) 標準偏差 or 分散	H5T_STD_U16LE	1978	1250			Data_description	Statistic data of representative channel Value=(DN&Mask)*Slope+Offset	H5T_C_S1	上位2bitに迷光フラグは付かないため、16bitのScaled Integerとして格納する。 対象ch(VN01~VN11)はパラメータで指定
Slope									0.000254067	H5T_IEEE_F32LE		
Offset									0	H5T_IEEE_F32LE		
Channel									VN10	H5T_C_S1	対象ch	
Statistic_type									variance	H5T_C_S1	"variance" OR "standard deviation"	
Mask									65535	H5T_STD_U16LE		
Bit00(LSB)-15									Digital Number 65535 : Missing value 65534 : Saturation value	H5T_C_S1		
Minimum_valid_DN									0	H5T_STD_U16LE		
Maximum_valid_DN									65534	H5T_STD_U16LE		
Error_DN									65535	H5T_STD_U16LE		
Dim0									L1B-lines	H5T_C_S1		
Dim1									L1B-pixels	H5T_C_S1		

別紙_L1プロダクトフォーマット一覧_L1B

L1B' (低解像度リサンプリング) IRS

No.	大項目名	データセット名	内容	型	1次元目	2次元目	3次元目	4次元目	Attribute	Attribute Value	Attribute Type	備考									
	Image_data	Statistic_data_SWI	統計データ (SW3固定) 標準偏差 or 分散	H5T_STD_U16LE	1978	1250			Data_description	Statistic data of SW03 Value=(DN&Mask)*Slope+Offset	H5T_C_S1	上位2bitに迷光フラグは付かないため、16bitのScaled Integerとして格納する。 SW1, 2, 4は1km固定のため、対象chはSW3のみ									
									Slope	0.00042497	H5T_IEEE_F32LE										
									Offset	0	H5T_IEEE_F32LE										
									Channel	SW03	H5T_C_S1		対象ch								
									Statistic_type	variance	H5T_C_S1		"variance" OR "standard deviation"								
									Mask	65535	H5T_STD_U16LE										
									Bit00 (LSB)-15	Digital Number 65535 : Missing value 65534 : Saturation value	H5T_C_S1										
									Minimum valid DN	0	H5T_STD_U16LE										
									Maximum valid DN	65534	H5T_STD_U16LE										
									Error_DN	65535	H5T_STD_U16LE										
									Dim0	L1B-lines	H5T_C_S1										
									Dim1	L1B-pixels	H5T_C_S1										
									Statistic_data_TIR	Statistic_data_TIR	統計データ (代表チャンネル) 標準偏差 or 分散		H5T_STD_U16LE	1978	1250			Data_description	Statistic data of representative channel Value=(DN&Mask)*Slope+Offset	H5T_C_S1	上位2bitに迷光フラグは付かないため、16bitのScaled Integerとして格納する。 対象ch (TI1, TI2) はパラメータで指定
																		Slope	0.000185267	H5T_IEEE_F32LE	
																		Offset	0	H5T_IEEE_F32LE	
																		Channel	TI01	H5T_C_S1	
	Statistic_type	variance	H5T_C_S1	"variance" OR "standard deviation"																	
	Mask	65535	H5T_STD_U16LE																		
	Bit00 (LSB)-15	Digital Number 65535 : Missing value 65534 : Saturation value	H5T_C_S1																		
	Minimum valid DN	0	H5T_STD_U16LE																		
	Maximum valid DN	65534	H5T_STD_U16LE																		
	Error_DN	65535	H5T_STD_U16LE																		
	Dim0	L1B-lines	H5T_C_S1																		
	Dim1	L1B-pixels	H5T_C_S1																		

No.	分類	識別		定義	L1 (シーン)			L2 (シーン)			L2 (BQAタイプ)			L3 (EQR)		
		タグ名	名称		○=格納 ×=格納せず	値	源泉	○=格納 ×=格納せず	値(フォーマット)	源泉	○=格納 ×=格納せず	値(フォーマット)	源泉	○=格納 ×=格納せず	値(フォーマット)	源泉
1	TIFF Field	Artist	画像作成者	画像作成者。	○	JAXA/GCOM-C project	HDF5 Processing_attributes Processing_organiza tion	○	JAXA/GCOM-C science project	HDF5 Processing_attributes Processing_organiza tion	○	JAXA/GCOM-C science project	HDF5 Processing_attributes Processing_organiza tion	○	JAXA/GCOM-C science project	HDF5 Processing_attributes Processing_organiza tion
2		BitsPerSample	サンプルビット数	コンポーネント当たりのビット数。 このフィールドはピクセルと一致する各コンポー ネントごとに異なるビット数を許可する。例え ば、RGBの場合、3色それぞれのコンポーネントご とに異なるビット数を使用できる。多くのRGBは 各色とも同じビット数になるであろうが、その場 合にも3つの値を設定しなければならない。	○	L1A: 16 L1B: 16	固定値	○	16	固定値	○	16	固定値	○	16	固定値
3		Compression	圧縮方式	画像圧縮方式。 1: 圧縮なし 2: CCITT Group3 3: 2773: バックビット圧縮	○	1	固定値	○	1	固定値	○	1	固定値	○	1	固定値
4		Copyright	コピーライト	コピーライト。	○	Copyright, JAXA, 2017. All rights reserved.	固定値	○	Copyright, JAXA, 2017. All rights reserved.	固定値	○	Copyright, JAXA, 2017. All rights reserved.	固定値	○	Copyright, JAXA, 2017. All rights reserved.	固定値
5		DateTime	作成年月日	画像生成日時。 YYYY:MM:DD HH:MM:SS 24時間表記。 日付と時刻の間に1文字スペースを入れる。 文字列長は最後のNULを加えて20byteとなる。	○	プロダクト処理日時 YYYY:MM:DD HH:MM:SS	HDF5 Processing_attributes Processing_UT	○	プロダクト処理日時 YYYY:MM:DD HH:MM:SS	HDF5 Processing_attributes Processing_UT	○	プロダクト処理日時 YYYY:MM:DD HH:MM:SS	HDF5 Processing_attributes Processing_UT	○	プロダクト処理日時 YYYY:MM:DD HH:MM:SS	HDF5 Processing_attributes Processing_UT
6		ImageDescription	画像の説明	画像の説明。	○	グラニューールID	(HDF5ファイル名、拡張 子を除く)	○	グラニューールID	(HDF5ファイル名、拡張 子を除く)	○	グラニューールID	(HDF5ファイル名、拡張 子を除く)	○	グラニューールID	(HDF5ファイル名、拡張 子を除く)
7		ImageLength	イメージ長	イメージ長。 画像の垂直方向の高さを行単位で表したも の。画像のラインの数。	○	ライン数	EQR投影した領域のライ ン数	○	ライン数	HDF5 Image_data Number_of_lines または 次元数	○	ライン数	HDF5 Image_data Number_of_lines または 次元数	○	ライン数	HDF5 Image_data Number_of_lines または 次元数
8		ImageWidth	イメージ幅	イメージ幅 画像の水平方向の横幅をピクセル単位で表したも の。例えば、1ライン当たりのピクセル数。	○	ピクセル数	EQR投影した領域のピク セル数	○	ピクセル数	HDF5 Image_data Number_of_pixels または 次元数	○	ピクセル数	HDF5 Image_data Number_of_pixels または 次元数	○	ピクセル数	HDF5 Image_data Number_of_pixels または 次元数
9		Make	製造者	製造者。 画像を生成したスキャナー、ビデオデジタイ ザー、その他の器材のメーカー。 合成イメージはこのフィールドを使用しない 。	○	JAXA/GCOM-C project	HDF5 Processing_attributes Processing_organiza tion	○	JAXA/GCOM-C science project	HDF5 Processing_attributes Processing_organiza tion	○	JAXA/GCOM-C science project	HDF5 Processing_attributes Processing_organiza tion	○	JAXA/GCOM-C science project	HDF5 Processing_attributes Processing_organiza tion
10		Model	モデル	スキャナーのモデル名、または番号。 画像を生成するために使用されたスキャナー、ビ デオデジタイザー、その他機材のモデル名または 番号。	○	Second-generation Global Imager (SGLI)	HDF5 Global_attributes Sensor	○	Second-generation Global Imager (SGLI)	HDF5 Global_attributes Sensor	○	Second-generation Global Imager (SGLI)	HDF5 Global_attributes Sensor	○	Second-generation Global Imager (SGLI)	HDF5 Global_attributes Sensor
11		Orientation	走査方向	走査方向。行及び列に対するイメージの方向。 ビットマップイメージデータのスキヤン開始位 置。 1: TopLeft (画像は表示どおりに保存) 2: TopRight (画像は左右反対に保存) 3: BottomRight (画像は上下・左右反対に保存) 4: BottomLeft (画像は上下反対に保存) 5: LeftTop (画像は90度左回転して左右反対に保 存) 6: RightTop (画像は90度左回転して保存) 7: RightBottom (画像は90度右回転して左右反対 に保存) 8: LeftBottom (画像は90度右回転して保存)	○	1	固定値	○	1	固定値	○	1	固定値	○	1	固定値
12		PhotometricInterpre tation	色表現形式	ビットマップイメージデータの色情報を表すコ ード。 0: WhiteIsZero (Bilevel又はGrayscaleで使用) 1: BlackIsZero (Bilevel又はGrayscaleで使用) 2: RGBダイレクトカラー 3: パレットカラー(ColorMapでRGBカラーを定義 し、その番号を指定して色を表す) 4: 論理マスク	○	1	固定値	○	1	固定値	○	1	固定値	○	1	固定値

No.	分類	識別		定義	L1 (シーン)			L2 (シーン)			L2 (EQAタイトル)			L3 (EQR)		
		タグ名	名称		○=格納 ×=格納せず	値	源泉	○=格納 ×=格納せず	値(フォーマット)	源泉	○=格納 ×=格納せず	値(フォーマット)	源泉	○=格納 ×=格納せず	値(フォーマット)	源泉
13	TIFF Field	PlanarConfiguration	画像格納順	画像格納順。 SamplePerPixelが2以上の場合に、ビットマップ イメージデータがピクセル優先モードで保存され ているか、それともプレーン優先モードで保存され ているかをあらわすコード。 1: ピクセル優先モード(画素順次) (例) RGBRGBRGB…… 2: プレーン優先モード(面順次) (例) RRR…… GGG……BBB…… 2は現在広い範囲で使用されておらず、一般的な 交換には推奨されない。 SamplesPerPixelが1であれば、 PlanarConfigurationは無関係であり、含まれる 必要はない。	○	2	固定値	○	2	固定値	○	2	固定値	○	2	固定値
14		SampleFormat	データ種別	ピクセルのデータ種別。 1: 符号なし整数 2: 符号あり整数(2の補数) 3: 浮動小数点(IEEE) 4: 定義なし ただし、データサイズは、BitsPerSampleで指定 する。 「定義なし」のフィールド値は、既存の画像をコ ピーした場合など、記述者がデータサンプルの解 釈を知らなかったという意味となる。	○	1	固定値	○	1	固定値	○	1	固定値	○	1	固定値
15		SamplesPerPixel	画素サンプル数	画素サンプル数。ピクセルに含まれるデータの種 類数をあらわす値。 Bilevel, Grayscale, palette-color images: 1 RGB: 3	○	1	固定値	○	1	固定値	○	1	固定値	○	1	固定値
16		Software	ソフトウェア	イメージ作成に使用したソフトウェア名とパー ジョン。	○	GC0M-C SGLI Processing System ver. X.XX X.XX: アルゴリズムパー ジョン	バージョン以外: 固定値 バージョン: HDF5 Global_attributes Algorithm_version	○	GC0M-C SGLI Processing System ver. X.XX X.XX: アルゴリズムパー ジョン	バージョン以外: 固定値 バージョン: HDF5 Global_attributes Algorithm_version	○	GC0M-C SGLI Processing System ver. X.XX X.XX: アルゴリズムパー ジョン	バージョン以外: 固定値 バージョン: HDF5 Global_attributes Algorithm_version	○	GC0M-C SGLI Processing System ver. X.XX X.XX: アルゴリズムパー ジョン	バージョン以外: 固定値 バージョン: HDF5 Global_attributes Algorithm_version
17		RowsPerStrip	ストリップあたりのラ イン数	ストリップあたりのイメージデータのライン数。	○	イメージデータのライン数	EQR投影した領域のライ ン数	○	ライン数	HDF5 Image_data Number_of_lines または 次元数	○	ライン数	HDF5 Image_data Number_of_lines または 次元数	○	ライン数	HDF5 Image_data Number_of_lines または 次元数
18		GDAL_NODATA			×			×			×			×		
19		Geo_Metadata			×			×			×			×		
20	GeoKey	GeoKeyDirectoryTag			-			-			-			-		
21		GeoDoubleParamsTag			-			-			-			-		
22		GeoAsciiParamsTag			-			-			-			-		
23		ModelTiepointTag	タイポイント	タイポイント情報。ラスター画像情報と地理座標 情報のタイポイント(重ね合わせポイント)を設定 する。 (……, I, J, K, X, Y, Z, ……) (I, J, K): ラスター空間(画像情報)での位置 情報。 (X, Y, Z): モデル空間(地理座標情報)でのベ クトル。2Dモデルの場合、KとZは0になる。	○	EQR投影した領域の左上1点 のタイポイント	EQR投影した領域の左上 の緯度・経度	○	EQR投影した領域の左上1点 のタイポイント	EQR投影した領域の左上 の緯度・経度	○	画像4隅のタイポイント	タイル番号から算出した 原点(緯度0、経度0)か らの距離	○	EQR投影した領域の左上1点 のタイポイント	EQR投影した領域の左上 の緯度・経度
24		ModelPixelScaleTag	ピクセルスケール	ラスター空間をモデル空間に回転せずに埋め込み可 能なとき、ラスター空間の1画素のモデル空間にお けるサイズを、モデル空間の単位で表現する。3 つの値(ScaleX, ScaleY, ScaleZ)で1組であり、 ScaleZ=0とする。 ラスター画像をモデル空間に対して回転する必要が あるときは本タグを使用せず、 ModelTransformationTagで変換を定義する。	○	0.0020833度(250m分解能) 0.00416667度(500m分解能) 0.0083333度(1000m分解能)	固定値	○	0.0020833度(250m分解能) 0.00416667度(500m分解能) 0.0083333度(1000m分解能)	固定値	○	231.65635827m(250m分解 能) 463.31271653m(500m分解 能) 926.62543306m(1000m分解 能)	固定値	○	0.0416667度(1/24度分解 能) 0.0833333度(1/12度分解 能)	固定値
26		GTModelTypeGeoKey	地理座標情報種別	モデル座標系の一般的なタイプを定義する。 1: ModelTypeProjected(投影座標系) 2: ModelTypeGeographic(緯度-経度) 3: ModelTypeGeocentric(地球中心座標(X, Y, Z)) 32767: ユーザー定義 ユーザー定義のモデルの場合、以下のGeoKeyが必要。 GTCitationGeoKey	○	2	固定値	○	2	固定値	○	1	固定値	○	2	固定値
27		GTRasterTypeGeoKey	ラスター種別	ラスター(画像情報)の種別。 1: RasterPixelIsArea(1ピクセルが実世界のエア リアを表す) 2: RasterPixelIsPoint(1ピクセルが実世界の地点 を表す) ユーザー定義はサポートしない。 画像表示パラメータ(ピクセルアスペクト比など) の相違のため、標準TIFF6.0デバイス-スペーススタ グを代わりに使用する。	○	1	固定値	○	1	固定値	○	1	固定値	○	1	固定値

No.	分類	識別		定義	L1 (シーン)			L2 (シーン)			L2 (BQAタイプ)			L3 (BGR)		
		タグ名	名称		○=格納 ×=格納せず	値	源泉	○=格納 ×=格納せず	値(フォーマット)	源泉	○=格納 ×=格納せず	値(フォーマット)	源泉	○=格納 ×=格納せず	値(フォーマット)	源泉
28	GeoKey	GeoCitationGeoKey	GeoTIFF引用	GeoTIFFファイルの全体的な構造についての引用。	○	プロダクトレベル_センサ種別_CH番号	プロダクトレベル : HDF5 Global_attributes Product_level センサ種別 : HDF5 グラニューールID サブシステム [VNR IRS POL] CH番号 : 処理対象のCHを格納 [01-11]	○	プロダクトレベル_データセット名	プロダクトレベル : 固定値 (L2) データセット名 : HDF5 Image_dataの各データ セット名	○	プロダクトレベル_データ セット名	プロダクトレベル : 固定値 (L2またはL3) データセット名 : HDF5 Image_dataの各データ セット名	○	プロダクトレベル_データ セット名	プロダクトレベル : 固定値 (L3) データセット名 : HDF5 Image_dataの各データ セット名
29		GeogGeodeticDatumGeoKey	測地座標系	ユーザ定義の測地系で使用する測地座標系を指定する。(測地座標系は準楕球円体のサイズ、位置、方向を定義する。) Geodetic Datum Codes : 6326 : WGS84 6035 : DatumE_Sphere 32767 : ユーザ定義 ユーザ定義の測地座標系の場合、以下のGeoKeyが必要。 GeogCitationGeoKey GeogEllipsoidGeoKey	×			×			○	6035	固定値	×		
30		GeogPrimeMeridianGeoKey	本初子午線	ユーザ定義の測地系で使用する本初子午線の位置を設定する。デフォルトはグリニッジ。 Prime Meridian Codes : 8901 : Greenwich 32767 : ユーザ定義	×			×			○	8901	固定値	×		
31		GeogAngularUnitsGeoKey	角度単位	ユーザ定義の測地系で使用する角度単位を定義する。投影方式のユーザ定義で角度が必要な場合も本項目を使用する。 Angular Units Codes : 9101 : Radian 9102 : Degree ユーザ定義の単位の場合、以下のGeoKeyが必要。 GeogCitationGeoKey GeogAngularUnitSizeGeoKey	×			×			○	9102	固定値	×		
32		GeographicTypeGeoKey	地理座標系種別	緯度-経度を特定の楕円体にマップするための地理的座標系コード。 4326 : WGS84 32767 : ユーザー定義 ユーザー定義の地理座標系の場合、以下のGeoKeyが必要。 GeogCitationGeoKey GeogGeodeticDatumGeoKey GeogAngularUnitsGeoKey GeogPrimeMeridianGeoKey	○	4326	固定値	○	4326	固定値	×			○	4326	固定値
33		GeogCitationGeoKey	地理座標系引用	座標系パラメーターのための引用及び参照。	○	WGS84	固定値	○	WGS84	固定値	×			○	WGS84	固定値
34		ProjectedCSTypeGeoKey	投影座標コード	投影座標系のコードを指定する。 326zz : WGS84/UTM(北半球) (zzはUTMゾーン番号) 327zz : WGS84/UTM(南半球) (zzはUTMゾーン番号) 32767 : ユーザー定義 ユーザー定義の場合、以下のGeoKeyが必要。 PCSCitationGeoKey ProjectionGeoKey	×			×			○	32767	固定値	×		
35		PCSCitationGeoKey	投影引用	投影に関する引用及び参照。	×			×			○	"Sphere_Sinusoidal"	固定値	×		
36		ProjectionGeoKey	投影方式	座標変換方法と投影ゾーンパラメーターを示す。 GCSまたはPCSの定義は含まれない。 注 : 本項目が適切なGCSと関連すると、PCSを形成する。 160zz : UTM(North) zzはゾーンコード 161zz : UTM(South) zzはゾーンコード 32767 : ユーザー定義 ユーザー定義の場合、以下のGeoKeyが必要。 PCSCitationGeoKey ProjCoordTransGeoKey ProjLinearUnitsGeoKey (ProjCoordTransGeoKeyに依存する追加パラメータ)	×			×			○	32767	固定値	×		

No.	分類	識別		定義	L1 (シーン)			L2 (シーン)			L2 (BQAタイプ)			L3 (BQR)		
		タグ名	名称		○=格納 ×=格納せず	値	源泉	○=格納 ×=格納せず	値(フォーマット)	源泉	○=格納 ×=格納せず	値(フォーマット)	源泉	○=格納 ×=格納せず	値(フォーマット)	源泉
37	GeoKey	ProjCoordTransGeoKey	座標変換方法	座標変換方法を指定する。 注：これはPCSに対応するGCSの定義を含まない。 変換の方法のみが定義される。 1 : TransverseMercator 7 : Mercator 15 : PolarStereographic 24 : CT_Sinusoidal 32767 : ユーザー定義 ユーザー定義の座標変換方法の場合、以下のGeoKeyが必要。 PCSCitationGeoKey (指定されたCoord. Trans. に依存する追加パラメータ)	×			×			○	24	固定値	×		
38		ProjLinearUnitsGeoKey	線形単位	投影法で使用する距離の単位。 9001 : Meter 9002 : Foot 32767 : ユーザー定義	×			×			○	9001	固定値	×		
43		ProjFalseEastingGeoKey	投影原点東距	地図投影の原点のEasting。 単位はProjLinearUnit。	×			×			○	0.0	固定値	×		
44		ProjFalseNorthingGeoKey	投影原点北距	地図投影の原点のNorthing。 単位はProjLinearUnit。	×			×			○	0.0	固定値	×		