mated Size 9.664 Mb	for typical [Number_of_Scans] [3736]		
9.004 MID	[3/36]		
:a			
	Attributes	-	lo:
		Type	Size
	MT1SAPSL1A1.00_9_01_I_2012_05_09_0000		84
		H5T_C_S1	5
		H5T_C_S1	15
		H5T_C_S1	16
		H5T_C_S1	12
		H5T_C_S1	35
		H5T_C_S1	9
		H5T_C_S1	11
uct_Generation_Date		H5T_C_S1	10
Imaging_Date	2012MAI09	H5T_C_S1	10
Date_Format	YYYYMMMDD	H5T_C_S1	10
S_AuxFile_Version	9_01	H5T_C_S1	5
O_AuxFile_Version	9 01	H5T C S1	5
D_AuxFile_Version			5
		H5T C S1	5
			5
			5
			5
			5
			8
			102
			45
			14
			19
_			17
			3
			7
			5
			1453
			1450
			1420
_ `			16x24
_QF_Sample_Definition	, 16-bits array (=0:good/=1:bad):, #15:TB vall		16x24
_	[00000064,00000165,00000266,00000367,00		1*Nskip
p_EndScanNumber	[00000064,00000165,00000266,00000367,00 [00000066,00000167,00000268,00000370,00	H5T_C_S1	1*Nskip
p_EndScanNumber o_StartScanNumber	[00000064,00000165,00000266,00000367,00 [00000066,00000167,00000268,00000370,00 00000012		
	D AuxFile Version D B AuxF	D_AuxFile_Version 9_01 D_AuxFile_Version 183.31+/-0.2GHz 183.31+/-1.1GHz 183.	D_AuxFile_Version 9_01 H5T_C_S1 D_Berof_Channels 6 H5T_C_S1 D_Berof_Channels 6 H5T_C_S1 D_Berof_Channels 6 H5T_C_S1 D_Berof_Channels 1 H5T_C_S1 D_Berof_Channels 1 H5T_C_S1 D_Berof_Channels 1 H5T_C_S1 D_Berof_Channels 1 H5T_C_S1 Delencel_Channels 1 H5T_C_S1 Delencel_Channels 1 H5T_C_S1 Delencel_Channels 1 H5T_C_S1 Delencel_Channels 1 H5T_C_S1 Delencel_Channels

	#40	Maneuver EndScanNumber	00000043	H5T C S1	9	
	#41	FirstScanNumber	00000000	H5T_C_S1	8	
	#42	Time Sample Interval	4.576	H5T C S1	4	
	#43	Number_of_Samples	182	H5T_C_S1	8	
	#44	Number_of_Scans	00003736	H5T_C_S1	22	
	#45	QF_Product_%Processed_Scans				
	#45	QF_Product_%Processed_Scans	099	H5T_C_S1	4	
Science data group ele	ements					
Estimated size of dataset [Mb]		Index	Name	Туре	Typical Value	
0.007			SAPHIR_QF_scan	H5T_STD_U16LE	Number_of_Scans	
		1	Attributes			
			Name	Value	Туре	Size
		-	long name		H5T C S1	41
		-	iong_name	16-bits array (=0:good/=1:bad):, #15:	1151_C_51	71
				scan/row quality flag validity, #14:		
		#1		pass type, #13: Scanning type, #12:		
				Scan/Row error, #11: datation error,		
				#10: PRT Error, #9-8: Blank, #7: CRC		
				Status, #6: Blank, #5-3: Payload Mode,		
			comment	#2-0: Satellite Mode	H5T_C_S1	250
			dimension_label	Number_of_Scans	H5T_C_S1	16
			geolocation_label	Scan_FirstSampleAcqTime	H5T_C_S1	35
0.007			Scan_Number	H5T_STD_U16LE	Number_of_Scans	
			Attributes			
			Name	Value	Туре	Size
			long name	Scan Number	H5T C S1	12
		#2	valid range	[0,65535]	H5T C S1	10
		#2	min max	[0,65535]	H5T C S1	10
		1	FillValue	65535	H5T C S1	6
		-		scan number from the first scan of the	1131_0_31	
			comment	product	H5T C S1	47
			dimension label	Number of Scans	H5T C S1	16
0.007			Latitude_Nadir	H5T_STD_U16LE	Number_of_Scans	
			Attributes			
		-	Name	Value	Туре	Size
		-	long name	latitude of subsatellite point	H5T_C_S1	31
		-	standard name	latitude	H5T C S1	9
		-	units	degrees	H5T C S1	8
		#3		0.01		
		#5	scale_factor		H5T_C_S1	5
		-	add offset	-40.0	H5T C S1	6
			valid range	[-40.0,40.0]	H5T C S1	13
		-	min max	[0,8000]	H5T C S1	9
			_FillValue	65535	H5T_C_S1	6
			comment		H5T_C_S1	13
			dimension_label		H5T_C_S1	16
0.007			Longitude_Nadir	H5T_STD_U16LE	Number_of_Scans	
			Attributes			
		,,,	Name	Value	Туре	Size
		#4	long name	longitude of subsatellite point	H5T C S1	32
		-	standard name	longitude	H5T C S1	10
		-	units		H5T C S1	8
			UIIILS	uegrees	IIIDI C 2T	0

		scale factor	0.01	H5T C S1	5
		add offset	0.0	H5T C S1	4
		valid range	[0.0,360.0]	H5T C S1	12
		min max	[0,36000]	H5T C S1	10
		FillValue	65535	H5T C S1	6
			Longitude [0,360]: 0 is Greenwich		
		comment	meridian (accuracy 1km)	H5T C S1	59
		dimension label	Number_of_Scans	H5T C S1	16
0.007		Scan_HotLoadTemperature	H5T_STD_U16LE	Number_of_Scans	
		Attributes			
		Name	Value	Туре	Size
		long_name	Hot load temperature	H5T C S1	21
		units	Kelvin	H5T C S1	7
		scale factor	0.01	H5T C S1	5
		add offset	0.0	H5T C S1	4
	#5	valid range	[0.0,400.0]	H5T C S1	12
		min max	[0,40000]	H5T C S1	10
		FillValue	65535	H5T C S1	6
			Estimated average physical		
			temperature of the hot load used for TB		
		comment	calculation	H5T_C_S1	79
		dimension_label	Number_of_Scans	H5T_C_S1	16
		geolocation_label	Scan_FirstSampleAcqTime	H5T_C_S1	54
0.086		Scan_Gain	H5T_IEEE_F32LE	Number_of_Scans	>
		Attributes			
	#6	Name	Value	Туре	Size
		long name	Estimated gain	H5T C S1	15
		units	count/K	H5T_C_S1	8
		scale_factor	1.0	H5T_C_S1	4
		add_offset	0.0	H5T_C_S1	4
		valid_range	[15.0,28.0]	H5T_C_S1	21
		min_max	[15.0,28.0]	H5T_C_S1	21
		_FillValue	3.4E38	H5T_C_S1	7
		comment	Estimated gain value applied to TB calculation for each channels in the following sequence: S1, S2, S3, S4, S5, S6	H5T C S1	124
		dimension label	Number_of_Scans, Number_of_Channels		36
0.086		Scan_Offset	H5T_IEEE_F32LE	Number_of_Scans	>
		Attributes			
		Name	Value	Туре	Size
		long_name	Estimated offset	H5T_C_S1	17
		units	Kelvin	H5T_C_S1	7
		scale_factor	1.0	H5T_C_S1	4
	#7	add_offset	0.0	H5T_C_S1	4
	#/	valid range	[1130.0,1620.0]	H5T C S1	23
		min max	[1130.0,1620.0]	H5T C S1	23
		FillValue	3.4E38	H5T_C_S1	7
			Estimated offset value used for TB calculation for each channels in the following sequence: S1, S2, S3, S4, S5,		
		comment	S6	H5T C S1	113
		dimension label	Number_of_Scans, Number_of_Channels	H5T C S1	36
0.004	#8	Scan FirstSampleAcqTime	H5T_C_S1	Number of Scans	i

		Name	Value	Type	Size
		long name	date of the first sample	H5T C S1	45
		standard name	time	H5T C S1	5
		units	UTC Time in microseconds	H5T C S1	25
		FillValue	yyyymmdd hhmmssuuuuuu	H5T C S1	22
		comment	format: yyyymmdd hhmmssuuuuuu	H5T C S1	30
		dimension label	Number of Scans	H5T C S1	16
1.297		Latitude_Samples	H5T_STD_U16LE	Number_of_Scans>	
		Attributes	11001_01_01		
		Name	Value	Туре	Size
		long name	latitude of samples	H5T_C_S1	77
		standard name	latitude	H5T C S1	9
		units	degrees	H5T C S1	8
		scale factor	0.01	H5T C S1	5
	#9	add offset	-40.0	H5T C S1	6
		valid range	[-40.0,40.0]	H5T C S1	13
		FillValue	65535	H5T C S1	6
		comment	accuracy 1km	H5T C S1	13
		dimension label	-	H5T C S1	59
		CLASS	IMAGE	H5T C S1	6
		IMAGE SUBCLASS	IMAGE GRAYSCALE	H5T C S1	16
		IMAGE MINMAXRANGE	[0,8000]	H5T STD U16LE	4
1.297		Longitude_Samples	H5T STD U16LE	Number of Scans	
1.237		Attributes	1131_310_010EE	Number_or_scans/	
	#10	Name	Value	Туре	Size
		long name	longitude of samples	H5T C S1	78
		standard name	longitude	H5T C S1	10
		_	degrees	H5T C S1	8
		units scale factor	0.01	H5T C S1	5
		add offset	0.01	H5T C S1	4
			[0.0,360.0]	H5T C S1	12
		valid range FillValue	65535	H5T C S1	6
		rilivalue		H21 C 21	0
			Longitude [0,360]: 0 is Greenwich meridian (accuracy 1km)	H5T C S1	FO
		comment		H5T C S1	59
		dimension_label CLASS	IMAGE		59 6
			IMAGE_GRAYSCALE	H5T_C_S1 H5T_C_S1	-
		IMAGE_SUBCLASS IMAGE MINMAXRANGE	[0,36000]	H5T_C_ST H5T_STD_U16LE	16 4
1.297		IncidenceAngle_Samples	H5T STD I16LE	Number of Scans	
1.297		Attributes	IISI_SID_IIOEE	Nulliber_Ol_Scalisz	
		Name	Value	Type	Size
		IName	Incidence angle at the center of	Type	3126
		long name	samples	H5T_C_S1	52
		standard name	incidence_angle	H5T C S1	16
		units	degrees	H5T C S1	8
	#11	scale factor	0.01	H5T C S1	5
	#11	valid range	[0.0,51.0]	H5T C S1	11
		FillValue	32767	H5T C S1	6
		comment	angle between zenith and line of sight	H5T C S1	39
		dimension_label		H5T C S1	37
		geolocation_label	Latitude, Longitude	H5T_C_S1	20
		CLASS	IMAGE	H5T_C_S1	6
		IMAGE SUBCLASS	IMAGE GRAYSCALE	H5T_C_S1	16
		IIVIAGE_SUDCLASS	IMAGE_GRATSCALE	U21_C_2T	10

		IMAGE MINMAXRANGE	[-4296,4296]	H5T STD I16LE	4
1.297		TB_Samples_S1	H5T_STD_U16LE	Number_of_Scans>	
		Attributes			
		Name	Value	Туре	Size
			Samples brightness temperatures at		
		long name	183.31 +/- 0.2	H5T C S1	53
		standard name	brightness temperature	H5T C S1	23
		units	Kelvin	H5T C S1	7
		scale_factor	0.01	H5T C S1	5
		add offset	0.0	H5T C S1	4
		valid_range	[0,400]	H5T C S1	8
	#12	FillValue	65535	H5T C S1	6
		quality flag	QF Samples S1	H5T C S1	44
		comment	TB estimated from raw instrumental measurements (see additionnal geometrical information in attributes of SAPHIR)	H5T C S1	88
		dimension label			56
		geolocation label	Latitude Samples, Longitude Samples	H5T C S1	78
		CLASS	IMAGE	H5T C S1	6
		IMAGE SUBCLASS	IMAGE GRAYSCALE	H5T C S1	16
		IMAGE MINMAXRANGE	[0,40000]	H5T STD U16LE	4
1.297		TB Samples S2	H5T STD U16LE	Number of Scans	
-		Attributes			
		Name	Value	Type	Size
			Samples brightness temperatures at	,	
		long name	183.31 +/- 1.1	H5T C S1	53
		standard name	brightness temperature	H5T C S1	23
		units	Kelvin	H5T C S1	7
		scale factor	0.01	H5T C S1	5
		add offset	0.0	H5T C S1	4
		valid range	[0,400]	H5T C S1	8
	#13	FillValue	65535	H5T C S1	6
		quality flag	QF Samples S2	H5T C S1	44
		comment	TB estimated from raw instrumental measurements (see additionnal geometrical information in attributes of SAPHIR)	H5T C S1	88
		dimension_label			56
		geolocation_label	Latitude_Samples, Longitude_Samples	H5T_C_S1	78
		CLASS	IMAGE	H5T_C_S1	6
		IMAGE_SUBCLASS	IMAGE_GRAYSCALE	H5T_C_S1	16
		IMAGE_MINMAXRANGE	[0,40000]	H5T_STD_U16LE	4
1.297		TB_Samples_S3	H5T_STD_U16LE	Number_of_Scans>	
		Attributes			
		Name	Value	Туре	Size
		long_name	Samples brightness temperatures at 183.31 +/- 2.8	H5T_C_S1	53
	#14	standard_name	brightness_temperature	H5T_C_S1	23
		units	Kelvin	H5T_C_S1	7
		scale_factor	0.01	H5T_C_S1	5
		add_offset	0.0	H5T_C_S1	4
		valid_range	[0,400]	H5T_C_S1	8
		FillValue	65535	H5T C S1	6

		quality_flag	QF Samples S3	H5T C S1	44
		<u> </u>	TB estimated from raw instrumental measurements (see additionnal geometrical information in attributes of		••
		comment	SAPHIR)	H5T_C_S1	88
		dimension label	Number_of_Scans, Number_of_Samples	H5T C S1	56
		geolocation label	Latitude_Samples, Longitude_Samples	H5T C S1	78
		CLASS	IMAGE	H5T C S1	6
		IMAGE SUBCLASS	IMAGE GRAYSCALE	H5T C S1	16
		IMAGE MINMAXRANGE	[0,40000]	H5T STD U16LE	4
1.297		TB_Samples_S4	H5T_STD_U16LE	Number of Scansx	
		Attributes			
		Name	Value	Туре	Size
		long name	Samples brightness temperatures at 183.31 +/- 4.2	H5T C S1	53
		standard name	brightness temperature	H5T C S1	23
		units	Kelvin	H5T C S1	7
	_	scale factor	0.01	H5T C S1	5
	_	add offset		H5T C S1	4
		valid range	[0,400]	H5T C S1	8
	#15	FillValue	65535	H5T C S1	6
		quality_flag	QF Samples S4	H5T C S1	44
		quanty_nag	TB estimated from raw instrumental measurements (see additionnal geometrical information in attributes of	1131_6_31	
		comment		H5T C S1	88
		dimension label	,	H5T C S1	56
		geolocation label		H5T C S1	78
		CLASS	IMAGE	H5T C S1	6
		IMAGE SUBCLASS		H5T C S1	16
		IMAGE MINMAXRANGE	[0,40000]	H5T STD U16LE	4
1.297		TB Samples S5		Number of Scans	-
	_	Attributes			
		Name	Value	Туре	Size
			Samples brightness temperatures at		
		long name	183.31 +/- 6.8	H5T C S1	53
		long name standard name		H5T C S1	53 23
		standard name	brightness_temperature	H5T C S1	53 23 7
		standard name units	brightness_temperature Kelvin	H5T_C S1 H5T_C S1	23 7
		standard name units scale factor	brightness_temperature Kelvin 0.01	H5T C S1 H5T C S1 H5T_C S1	23 7 5
		standard name units scale factor add offset	brightness_temperature Kelvin 0.01 0.0	H5T C S1 H5T C S1 H5T C S1 H5T C S1	23 7 5 4
	#16	standard name units scale factor add_offset valid_range	brightness_temperature Kelvin 0.01 0.0 [0,400]	H5T C S1 H5T C S1 H5T C S1 H5T C S1 H5T C S1	23 7 5 4 8
	#16	standard name units scale factor add offset valid_range FillValue	brightness_temperature Kelvin 0.01 0.0 [0,400] 65535	H5T C S1 H5T C S1 H5T C S1 H5T C S1 H5T C S1 H5T C S1	23 7 5 4 8 6
	#16	standard name units scale factor add_offset valid_range	brightness_temperature Kelvin 0.01 0.0 [0,400] 65535 QF_Samples_S5 TB estimated from raw instrumental measurements (see additionnal geometrical information in attributes of SAPHIR)	H5T C S1	23 7 5 4 8
	#16	standard name units scale_factor add offset valid_range FillValue quality_flag	brightness_temperature Kelvin 0.01 0.0 [0,400] 65535 QF_Samples_S5 TB estimated from raw instrumental measurements (see additionnal geometrical information in attributes of SAPHIR) Number_of_Scans, Number_of_Samples	H5T C S1	23 7 5 4 8 6 44 88 56
	#16	standard name units scale factor add offset valid range FillValue quality_flag comment	brightness_temperature Kelvin 0.01 0.0 [0,400] 65535 QF_Samples_S5 TB estimated from raw instrumental measurements (see additionnal geometrical information in attributes of SAPHIR) Number_of_Scans, Number_of_Samples Latitude_Samples, Longitude_Samples	H5T C S1	23 7 5 4 8 6 44
	#16	standard name units scale factor add_offset valid_range FillValue quality_flag comment dimension label	brightness_temperature Kelvin 0.01 0.0 [0,400] 65535 QF_Samples_S5 TB estimated from raw instrumental measurements (see additionnal geometrical information in attributes of SAPHIR) Number_of_Scans, Number_of_Samples Latitude_Samples, Longitude_Samples IMAGE	H5T C S1	23 7 5 4 8 6 44 88 56
	#16	standard name units scale factor add offset valid_range FillValue quality_flag comment dimension label geolocation label	brightness_temperature Kelvin 0.01 0.0 [0,400] 65535 QF_Samples_S5 TB estimated from raw instrumental measurements (see additionnal geometrical information in attributes of SAPHIR) Number_of_Scans, Number_of_Samples Latitude_Samples, Longitude_Samples IMAGE IMAGE	H5T C S1	23 7 5 4 8 6 44 88 56 78
	#16	standard name units scale factor add offset valid range FillValue quality flag comment dimension label geolocation label CLASS	brightness_temperature Kelvin 0.01 0.0 [0,400] 65535 QF_Samples_S5 TB estimated from raw instrumental measurements (see additionnal geometrical information in attributes of SAPHIR) Number_of_Scans, Number_of_Samples Latitude_Samples, Longitude_Samples IMAGE IMAGE [0,40000]	H5T C S1	23 7 5 4 8 6 44 88 56 78 6
1.297		standard name units scale factor add offset valid_range FillValue quality_flag comment dimension label geolocation label CLASS IMAGE_SUBCLASS	brightness_temperature Kelvin 0.01 0.0 [0,400] 65535 QF_Samples_S5 TB estimated from raw instrumental measurements (see additionnal geometrical information in attributes of SAPHIR) Number_of_Scans, Number_of_Samples Latitude_Samples, Longitude_Samples IMAGE IMAGE [0,40000]	H5T C S1	23 7 5 4 8 6 44 88 56 78 6 16
1.297	#16	standard name units scale factor add offset valid range FillValue quality_flag comment dimension label geolocation label CLASS IMAGE_SUBCLASS IMAGE_MINMAXRANGE	brightness_temperature Kelvin 0.01 0.0 [0,400] 65535 QF_Samples_S5 TB estimated from raw instrumental measurements (see additionnal geometrical information in attributes of SAPHIR) Number_of_Scans, Number_of_Samples Latitude_Samples, Longitude_Samples IMAGE IMAGE [0,40000]	H5T C S1	23 7 5 4 8 6 44 88 56 78 6 16

			Canada baiabba aa baaa aa baaa a		
		lang nama	Samples brightness temperatures at 183.31 +/- 11.0	UET C C1	F.2
		long_name		H5T_C_S1 H5T_C_S1	53 23
		standard_name	brightness_temperature Kelvin		
		units	0.01	H5T C S1	7
		scale factor	0.0	H5T C S1	5
		add offset		H5T C S1	4
		valid_range	[0,400] 65535	H5T_C_S1	8
		FillValue		H5T_C_S1	6
		quality_flag	QF_Samples_S6 TB estimated from raw instrumental	H5T_C_S1	44
		comment	measurements (see additionnal geometrical information in attributes of SAPHIR)	H5T C S1	88
		dimension label	,	H5T C S1	56
		geolocation label		H5T C S1	78
		CLASS	IMAGE	H5T C S1	6
		IMAGE SUBCLASS	IMAGE GRAYSCALE	H5T C S1	16
		IMAGE MINMAXRANGE	[0,40000]	H5T STD U16LE	4
1.297		QF Samples S1		Number of Scans	4
1.237		Attributes	1131_31D_010EE	Nulliber_or_scalisz	
		Name	Value	Туре	Size
		long name	Quality Flag of sample for channel 183.31 +/- 0.2	H5T C S1	71
		standard name	quality flag	H5T C S1	13
	#18	comment dimension_label geolocation label CLASS IMAGE SUBCLASS	Latitude_Samples, Longitude_Samples IMAGE IMAGE_GRAYSCALE	H5T_C_S1 H5T_C_S1 H5T_C_S1 H5T_C_S1 H5T_C_S1	1 56 78 6
		IMAGE MINMAXRANGE	[0,8000]	H5T STD U16LE	4
1.297		QF_Samples_S2	H5T_STD_U16LE	Number_of_Scans>	
		Attributes			
		Name	Value	Туре	Size
			Quality Flag of sample for channel		
		long name	183.31 +/- 1.1	H5T_C_S1	71
		standard name	quality flag	H5T C S1	13
	#19		16-bits array (=0:good/=1:bad):, #15: TB validity , #14:sun glint, #13: land/sea contamination, #12:surface type, #11:On/Off Channel, #10:Level-0 Count Saturated, #9:Level-0 Count poor value, #8:geolocation estimation, #7-6: calibration flag, #5:hot count error, #4: cold sky count error, #3: interpolation		
	#19		16-bits array (=0:good/=1:bad):, #15: TB validity , #14:sun glint, #13: land/sea contamination, #12:surface type, #11:On/Off Channel, #10:Level-0 Count Saturated, #9:Level-0 Count poor value, #8:geolocation estimation, #7-6: calibration flag, #5:hot count error, #4: cold sky count error, #3: interpolation quality, #2: Blank, #1-0: Ice flag	H5T_C_S1	1
	#19	standard name	16-bits array (=0:good/=1:bad):, #15: TB validity , #14:sun glint, #13: land/sea contamination, #12:surface type, #11:On/Off Channel, #10:Level-0 Count Saturated, #9:Level-0 Count poor value, #8:geolocation estimation, #7-6: calibration flag, #5:hot count error, #4: cold sky count error, #3: interpolation quality, #2: Blank, #1-0: Ice flag Number_of_Scans, Number_of_Samples	H5T_C_S1 H5T_C_S1	
	#19	standard name comment	16-bits array (=0:good/=1:bad):, #15: TB validity , #14:sun glint, #13: land/sea contamination, #12:surface type, #11:On/Off Channel, #10:Level-0 Count Saturated, #9:Level-0 Count poor value, #8:geolocation estimation, #7-6: calibration flag, #5:hot count error, #4: cold sky count error, #3: interpolation quality, #2: Blank, #1-0: Ice flag Number_of_Scans, Number_of_Samples	H5T_C_S1	1

		IMAGE SUBCLASS	IMAGE GRAYSCALE	H5T C S1	16
		IMAGE MINMAXRANGE	[0,8000]	H5T STD U16LE	4
1.297		QF Samples S3	H5T STD U16LE	Number of Scansx	
		Attributes			
		Name	Value	Туре	Size
			Quality Flag of sample for channel		
		long name	183.31 +/- 2.8	H5T C S1	71
		standard name	quality flag	H5T C S1	13
	#20		16-bits array (=0:good/=1:bad):, #15: TB validity, #14:sun glint, #13: land/sea contamination, #12:surface type, #11:On/Off Channel, #10:Level-0 Count Saturated, #9:Level-0 Count poor value, #8:geolocation estimation, #7-6: calibration flag, #5:hot count error, #4: cold sky count error, #3: interpolation		
		comment	quality, #2: Blank, #1-0: Ice flag	H5T C S1	1
		dimension label	Number_of_Scans, Number_of_Samples		56
		geolocation label	Latitude_Samples, Longitude_Samples	H5T C S1	78
		CLASS	IMAGE	H5T C S1	6
		IMAGE SUBCLASS	IMAGE_GRAYSCALE	H5T C S1	16
		IMAGE_MINMAXRANGE	[0,8000]	H5T_STD_U16LE	4
1.297		QF_Samples_S4	H5T_STD_U16LE	Number_of_Scans>	
		Attributes			
		Name	Value	Туре	Size
		long_name	Quality Flag of sample for channel 183.31 +/- 4.2	H5T_C_S1	71
		standard_name	quality flag	H5T_C_S1	13
	#21	comment	16-bits array (=0:good/=1:bad):, #15: TB validity, #14:sun glint, #13: land/sea contamination, #12:surface type, #11:On/Off Channel, #10:Level-0 Count Saturated, #9:Level-0 Count poor value, #8:geolocation estimation, #7-6: calibration flag, #5:hot count error, #4: cold sky count error, #3: interpolation quality, #2: Blank, #1-0: Ice flag	H5T_C_S1	1
		dimension_label	Number_of_Scans, Number_of_Samples	H5T_C_S1	56
		geolocation_label	Latitude_Samples, Longitude_Samples	H5T_C_S1	78
		CLASS	IMAGE	H5T_C_S1	6
		IMAGE_SUBCLASS	IMAGE_GRAYSCALE	H5T_C_S1	16
		IMAGE MINMAXRANGE	[0,8000]	H5T STD U16LE	4
1.297		QF_Samples_S5	H5T_STD_U16LE	Number_of_Scansx	
		Attributes			
	#22	Name	Value	Туре	Size
	#22				
		long name	Quality Flag of sample for channel 183.31 +/- 6.8	H5T C S1	71

1.297		comment dimension_label geolocation_label CLASS IMAGE_SUBCLASS IMAGE_MINMAXRANGE QF_Samples_S6	16-bits array (=0:good/=1:bad):, #15: TB validity , #14:sun glint, #13: land/sea contamination, #12:surface type, #11:On/Off Channel, #10:Level-0 Count Saturated, #9:Level-0 Count poor value, #8:geolocation estimation, #7-6: calibration flag, #5:hot count error, #4: cold sky count error, #3: interpolation quality, #2: Blank, #1-0: Ice flag Number_of_Scans, Number_of_Samples Latitude_Samples, Longitude_Samples IMAGE IMAGE_GRAYSCALE [0,8000] H5T_STD_U16LE	H5T_C_S1 H5T_C_S1 H5T_C_S1 H5T_C_S1 H5T_C_S1 H5T_STD_U16LE Number_of_Scans	1 56 78 6 16 4	
		Attributes				
		Name	Value	Туре	Size	
		long_name	Quality Flag of sample for channel 183.31 +/- 11.0	H5T_C_S1	71	
		standard_name	quality flag	H5T_C_S1	13	
	#23	comment	16-bits array (=0:good/=1:bad):, #15: TB validity , #14:sun glint, #13: land/sea contamination, #12:surface type, #11:On/Off Channel, #10:Level-0 Count Saturated, #9:Level-0 Count poor value, #8:geolocation estimation, #7-6: calibration flag, #5:hot count error, #4: cold sky count error, #3: interpolation quality, #2: Blank, #1-0: Ice flag	H5T_C_S1	1	
		dimension label	Number_of_Scans, Number_of_Samples	H5T C S1	56	
		geolocation label	Latitude_Samples, Longitude_Samples	H5T C S1	78	
		CLASS	IMAGE	H5T C S1	6	
		IMAGE SUBCLASS	IMAGE_GRAYSCALE	H5T C S1	16	
		IMAGE MINMAXRANGE	[0,8000]	H5T STD U16LE	4	

		1110		
SAPHIR		L1A2		
	Estimated Size	for typical [Number_of_Scans]		
	14.106 Mb	[3736]		
data group associated	dattributes			
Scier	nceData			
		Attributes		
Index	Name	Value	Туре	Size
#1	Product_Identification	MT1SAPSL1A21.00_9_01_I_2012_05_09_000	H5T_C_S1	84
#2	Organization_Name	ISRO	H5T_C_S1	5
#3	Property_of_data	ISRO_ and_CNES	H5T_C_S1	15
#4	Satellite_Name	MEGHA-TROPIQUES	H5T_C_S1	16
#5	Payload_Name	SAPHIR	H5T_C_S1	12
#6	Product_Name	Level-1A2-segment wise	H5T_C_S1	35
#7	Product_Format	NCSA-HDF	H5T_C_S1	9
#8	Product_Format_Version	HDF5-1.6.4	H5T_C_S1	11
#9	Product_Generation_Date	2012MAI09	H5T_C_S1	10
#10	<u> </u>	2012MAI09	H5T_C_S1	10
#11			H5T_C_S1	10
#12			H5T_C_S1	5
#13		9_01	H5T_C_S1	5
#14		9_01	H5T_C_S1	5
#15		9_01	H5T_C_S1	5
#16		9_01	H5T_C_S1	5
#17		9_01	H5T_C_S1	5
#18		9_01	H5T_C_S1	5
#19		9_01	H5T_C_S1	5
#20			H5T_C_S1	8
#21		183.31+/-0.2GHz 183.31+/-1.1GHz 183.31+/		102
#22 #23	_	200MHz 350MHz 500MHz 700MHz 1200MHz 2		45 14
#23	_	[0,30]degree 00001	H5T_C_S1 H5T_C_S1	14
#24	_	00001	H5T C S1	17
#26	_	01	H5T_C_S1	3
#27		100001	H5T_C_S1	7
#27			H5T C S1	5
#29		1.00	H5T C S1	5
#30		[+22.493,+21.800,+21.151,+20.542,+19.970		1038
#31		[+14.474,+14.278,+14.090,+13.909,+13.737		1036
#32		[+50.278,+49.417,+48.562,+47.713,+46.869		1016
#33		16-bits array (=0:good/=1:bad):, #15: scan/rd		16x24
#34		16-bits array (=0:good/=1:bad):, #15:TB val		16x24
#35		[00000064,00000165,00000266,00000367,00		1*Nskip
#36		[00000066,00000167,00000268,00000370,00		1*Nskip
#37			H5T C S1	9
#38			H5T_C_S1	9
#39			H5T C S1	9

	#40	Maneuver EndScanNumber	00000043	H5T_C_S1	9	
	#41	FirstScanNumber	0000000	H5T_C_S1	8	
	#42	Time Pixel Interval	6.406	H5T C S1	4	
	#43	Number of Pixels	130	H5T C S1	8	
	#44	Number_of_Scans	00003736	H5T C S1	22	
	#45	QF_Product_%Processed_Scans		H5T_C_S1	4	
					·	
Science data group el	lements					
Estimated size of dataset [Mb]		Index	Name	Туре	Typical Value	
0.007			SAPHIR_QF_scan	H5T_STD_U16LE	Number_of_Scans	
			Attributes			
			Name	Value	Туре	Size
			long name	Quality flag applicable to the scan line	H5T C S1	41
		#1		16-bits array (=0:good/=1:bad):, #15: scan/row quality flag validity, #14: pass type, #13: Scanning type, #12: Scan/Row error, #11: datation error, #10: PRT Error, #9-8: Blank, #7: CRC		
				Status, #6: Blank, #5-3: Payload Mode,	LIET C C1	250
			comment	#2-0: Satellite Mode Number of Scans	H5T_C_S1	250
		-	dimension_label	Scan FirstPixelAcgTime	H5T_C_S1	16
0.007			geolocation_label		H5T_C_S1	35
0.007			Scan_Number	H5T_STD_U16LE	Number_of_Scans	
			Attributes	17.7	-	C'
		_	Name	Value	Туре	Size
			long name	Scan Number	H5T C S1	12
		#2	valid_range	[0,65535]	H5T_C_S1	10
			min_max	[0,65535]	H5T_C_S1	10
			_FillValue	65535	H5T_C_S1	6
				scan number from the first scan of the	LIET C C1	47
			comment	product	H5T C S1	47
			dimension label	Number_of_Scans	H5T C S1	16
0.007		_	Latitude_Nadir	H5T_STD_U16LE	Number_of_Scans	
		_	Attributes			
			Name	Value	Туре	Size
		_	long_name	latitude of subsatellite point	H5T_C_S1	31
			standard_name	latitude	H5T_C_S1	9
			units	degrees	H5T_C_S1	8
		#3	scale_factor	0.01	H5T_C_S1	5
			add offset	-40.0	H5T C S1	6
			valid range	[-40.0,40.0]	H5T C S1	13
			min max	[0,8000]	H5T C S1	9
			FillValue	65535	H5T C S1	6
		1	comment	accuracy 1km	H5T_C_S1	13
		-	dimension_label	Number_of_Scans	H5T C S1	16
0.007			Longitude Nadir	H5T STD U16LE	Number of Scans	
0.007			Longitude_Nadir	H5T_STD_U16LE	Number_of_Scans	
0.007			Longitude_Nadir Attributes			Size
0.007		#4	Longitude_Nadir Attributes Name	Value	Туре	Size
0.007		#4	Longitude_Nadir Attributes			Size 32 10

		scale factor	0.01	H5T C S1	5
		add offset	0.0	H5T C S1	4
		valid range	[0.0,360.0]	H5T C S1	12
		min max	[0,36000]	H5T C S1	10
		FillValue	65535	H5T C S1	6
		Tillvalue	Longitude [0,360]: 0 is Greenwich	1131 C 31	0
		comment	meridian (accuracy 1km)	H5T C S1	59
		dimension label	Number of Scans	H5T C S1	16
0.007		Scan_HotLoadTemperature	H5T_STD_U16LE	Number of Scans	
0.007		Attributes	1131_310_010EE	Number_or_scans	
		Name	Value	Туре	Size
		long name	Hot load temperature	H5T C S1	21
		units	Kelvin	H5T C S1	7
		scale factor	0.01	H5T C S1	5
		add offset	0.0	H5T C S1	4
	#5	valid range	[0.0,400.0]	H5T C S1	12
	_	min max	[0,40000]	H5T C S1	10
	-	FillValue	65535	H5T C S1	6
	-	Tillvalae	Estimated average physical	1131_C_31	0
			temperature of the hot load used for TB		
		comment	calculation	H5T_C_S1	79
		dimension label	Number_of_Scans	H5T C S1	16
		geolocation label	Scan_FirstPixelAcqTime	H5T C S1	54
0.086		Scan_Gain	H5T_IEEE_F32LE	Number_of_Scans	>
		Attributes			
	#6	Name	Value	Туре	Size
		long name	Estimated gain	H5T C S1	15
		units	count/K	H5T C S1	8
		scale factor	1.0	H5T C S1	4
		add offset	0.0	H5T C S1	4
		valid range	[15.0,28.0]	H5T C S1	21
		min max	[15.0,28.0]	H5T C S1	21
		FillValue	3.4E38	H5T C S1	7
		comment	Estimated gain value applied to TB calculation for each channels in the following sequence: S1, S2, S3, S4, S5, S6	H5T C S1	124
		dimension label	Number_of_Scans, Number_of_Channels		36
0.086		Scan_Offset	H5T_IEEE_F32LE	Number_of_Scans	>
		Attributes			
		Name	Value	Туре	Size
		long_name	Estimated offset	H5T_C_S1	17
		units	Kelvin	H5T_C_S1	7
		scale_factor	1.0	H5T_C_S1	4
	4.7	add_offset	0.0	H5T_C_S1	4
	#7	valid range	[1130.0,1620.0]	H5T C S1	23
			[1130.0,1620.0]	H5T C S1	23
		min max			
	_	min max FillValue	3.4E38	H5T C S1	7
	- - -		3.4E38 Estimated offset value used for TB calculation for each channels in the following sequence: S1, S2, S3, S4, S5,	H5T C S1	7
	-	FillValue comment	3.4E38 Estimated offset value used for TB calculation for each channels in the following sequence: S1, S2, S3, S4, S5, S6	H5T C S1	7
0.004		FillValue	3.4E38 Estimated offset value used for TB calculation for each channels in the following sequence: S1, S2, S3, S4, S5,	H5T C S1	7 113 36

		Name	Value	Туре	Size
		long name	date of the first pixel	H5T C S1	45
		standard name	time	H5T C S1	5
		units	UTC Time in microseconds	H5T C S1	25
		FillValue	yyyymmdd hhmmssuuuuuu	H5T C S1	22
		comment	format: yyyymmdd hhmmssuuuuuu	H5T C S1	30
		dimension label	Number of Scans	H5T C S1	16
0.926		Latitude_Pixels	H5T_STD_U16LE	Number of Scansx	
		Name	Value	Туре	Size
		long name	latitude of pixels	H5T C S1	77
		standard name	latitude	H5T C S1	9
		units	degrees	H5T C S1	8
		scale factor	0.01	H5T C S1	5
	#9	add offset	-40.0	H5T C S1	6
		valid range	[-40.0,40.0]	H5T C S1	13
		FillValue	65535	H5T C S1	6
	1	comment	accuracy 1km	H5T C S1	13
		dimension label	Number of Scans, Number of Pixels	H5T C S1	59
	1	CLASS	IMAGE	H5T C S1	6
		IMAGE SUBCLASS	IMAGE GRAYSCALE	H5T C S1	16
	-	IMAGE MINMAXRANGE	[0,8000]	H5T STD U16LE	4
0.926		Longitude_Pixels	H5T_STD_U16LE	Number_of_Scans>	
		Attributes			
		Name	Value	Туре	Size
		long_name	longitude of pixels	H5T_C_S1	78
		standard_name	longitude	H5T_C_S1	10
		units	degrees	H5T_C_S1	8
		scale_factor	0.01	H5T_C_S1	5
	#10	add_offset	0.0	H5T_C_S1	4
	#10	valid range	[0.0,360.0]	H5T C S1	12
		FillValue	65535	H5T C S1	6
			Longitude [0,360]: 0 is Greenwich		
		comment	meridian (accuracy 1km)	H5T_C_S1	59
		dimension_label	Number_of_Scans, Number_of_Pixels	H5T_C_S1	59
		CLASS	IMAGE	H5T_C_S1	6
		IMAGE_SUBCLASS	IMAGE_GRAYSCALE	H5T_C_S1	16
		IMAGE_MINMAXRANGE	[0,36000]	H5T_STD_U16LE	4
0.926		IncidenceAngle_Pixels	H5T_STD_I16LE	Number_of_Scans>	
	_	Attributes			
	_	Name	Value	Туре	Size
	_	long_name	Incidence angle at the center of pixels	H5T_C_S1	52
	_	standard_name	incidence_angle	H5T_C_S1	16
	_	units	degrees	H5T_C_S1	8
	_	scale_factor	0.01	H5T_C_S1	5
	#11	valid_range	[0.0,51.0]	H5T_C_S1	11
		_FillValue	32767	H5T_C_S1	6
		comment	angle between zenith and line of sight	H5T_C_S1	39
		dimension_label	Number_of_Scans, Number_of_Pixels	H5T_C_S1	37
		geolocation label	Latitude, Longitude	H5T C S1	20
		CLASS	IMAGE	H5T C S1	6
		IMAGE_SUBCLASS	IMAGE_GRAYSCALE	H5T_C_S1	16
		IMAGE MINMAXRANGE	[-4296,4296]	H5T STD I16LE	4

0.926		TB_Pixels_S1	H5T_STD_U16LE	Number_of_Scansx	
		Attributes			
		Name	Value	Туре	Size
			Pixels brightness temperatures at		
		long name	183.31 +/- 0.2	H5T_C_S1	53
		standard_name	brightness_temperature	H5T_C_S1	23
		units	Kelvin	H5T_C_S1	7
		scale_factor	0.01	H5T_C_S1	5
		add_offset	0.0	H5T_C_S1	4
	#12	valid_range	[0,400]	H5T_C_S1	8
	#12	_FillValue	65535	H5T_C_S1	6
		quality_flag	QFPixels_S1	H5T_C_S1	44
		comment	TB estimated from raw instrumental measurements (see additionnal geometrical information in attributes of SAPHIR)	H5T C S1	88
		dimension_label	Number_of_Scans, Number_of_Pixels	H5T_C_S1	56
		geolocation_label	Latitude_Pixels, Longitude_Pixels	H5T_C_S1	78
		CLASS	IMAGE	H5T_C_S1	6
		IMAGE_SUBCLASS	IMAGE_GRAYSCALE	H5T_C_S1	16
		IMAGE_MINMAXRANGE	[0,40000]	H5T_STD_U16LE	4
0.926		TB_Pixels_S2	H5T_STD_U16LE	Number_of_Scans>	
		Attributes			
		Name	Value	Туре	Size
	#13	long name	Pixels brightness temperatures at 183.31 +/- 1.1	H5T C S1	53
		standard name	brightness_temperature	H5T C S1	23
		units	Kelvin	H5T C S1	7
		scale factor	0.01	H5T C S1	5
		add offset	0.0	H5T C S1	4
		valid range	[0,400]	H5T C S1	8
		FillValue	65535	H5T C S1	6
		quality_flag	QF Pixels S2	H5T C S1	44
		comment	TB estimated from raw instrumental measurements (see additionnal geometrical information in attributes of SAPHIR)	H5T C S1	88
	_	dimension label	Number_of_Scans, Number_of_Pixels	H5T_C_S1	56
	_	geolocation_label	Latitude_Pixels, Longitude_Pixels	H5T_C_S1	78
	_	CLASS	IMAGE	H5T_C_S1	6
		IMAGE_SUBCLASS	IMAGE_GRAYSCALE	H5T_C_S1	16
		IMAGE_MINMAXRANGE	[0,40000]	H5T_STD_U16LE	4
0.926	1	TB_Pixels_S3	H5T_STD_U16LE	Number_of_Scans>	
	-	Attributes		_	C'
	_	Name	Value	Туре	Size
			Pixels brightness temperatures at 183.31 +/- 2.8	H5T_C_S1	53
		long_name			
	#1/	long_name standard_name	brightness_temperature	H5T_C_S1	23
	#14	standard_name units	brightness_temperature Kelvin	H5T_C_S1 H5T_C_S1	23 7
	#14	standard_name	brightness_temperature Kelvin 0.01	H5T_C_S1	23
	#14	standard_name units	brightness_temperature Kelvin 0.01 0.0	H5T C S1 H5T C S1 H5T C S1 H5T C S1	23 7
	#14	standard name units scale_factor add_offset valid_range	brightness_temperature Kelvin 0.01 0.0 [0,400]	H5T C S1 H5T C S1 H5T C S1 H5T C S1 H5T C S1	23 7 5
	#14	standard name units scale_factor add_offset	brightness_temperature Kelvin 0.01 0.0	H5T C S1 H5T C S1 H5T C S1 H5T C S1	23 7 5 4

			TB estimated from raw instrumental		
			measurements (see additionnal		
			geometrical information in attributes of		
		comment	SAPHIR)	H5T_C_S1	88
		dimension_label	Number_of_Scans, Number_of_Pixels	H5T_C_S1	56
		geolocation label	Latitude_Pixels, Longitude_Pixels	H5T C S1	78
		CLASS	IMAGE	H5T C S1	6
		IMAGE SUBCLASS	IMAGE GRAYSCALE	H5T C S1	16
		IMAGE MINMAXRANGE	[0,40000]	H5T STD U16LE	4
0.926		TB Pixels S4	H5T STD U16LE	Number of Scansx	
0.020		Attributes			
		Name	Value	Туре	Size
	_	Ivairie		туре	3126
			Pixels brightness temperatures at		
		long_name	183.31 +/- 4.2	H5T_C_S1	53
		standard name	brightness_temperature	H5T C S1	23
		units	Kelvin	H5T C S1	7
		scale factor	0.01	H5T C S1	5
		add offset	0.0	H5T C S1	4
		valid range	[0,400]	H5T C S1	8
	#15		65535		6
	-	_FillValue		H5T_C_S1	
		quality_flag	QF_Pixels_S4	H5T_C_S1	44
			TB estimated from raw instrumental		
			measurements (see additionnal		
			geometrical information in attributes of SAPHIR)	H5T C S1	88
		comment			
		dimension label	Number_of_Scans, Number_of_Pixels	H5T C S1	56
		geolocation label	Latitude_Pixels, Longitude_Pixels	H5T C S1	78
		CLASS	IMAGE	H5T C S1	6
		IMAGE SUBCLASS	IMAGE_GRAYSCALE	H5T C S1	16
		IMAGE SUBCLASS IMAGE MINMAXRANGE	[0,40000]	H5T_C_S1 H5T_STD_U16LE	16 4
0.926					
0.926		IMAGE MINMAXRANGE TB_Pixels_S5	[0,40000]	H5T_STD_U16LE	
0.926		IMAGE MINMAXRANGE TB_Pixels_S5 Attributes	[0,40000] H5T_STD_U16LE	H5T_STD_U16LE Number_of_Scansx	4
0.926		IMAGE MINMAXRANGE TB_Pixels_S5	[0,40000] H5T_STD_U16LE Value	H5T_STD_U16LE	
0.926		IMAGE MINMAXRANGE TB_Pixels_S5 Attributes Name	[0,40000] H5T_STD_U16LE Value Pixels brightness temperatures at	H5T STD U16LE Number_of_Scans>	4 Size
0.926		IMAGE MINMAXRANGE TB_Pixels_S5 Attributes Name	[0,40000] H5T_STD_U16LE Value Pixels brightness temperatures at 183.31 +/- 6.8	H5T STD U16LE Number_of_Scans> Type H5T_C_S1	53
0.926		IMAGE MINMAXRANGE TB_Pixels_S5 Attributes Name long_name standard_name	[0,40000] H5T_STD_U16LE Value Pixels brightness temperatures at 183.31 +/- 6.8 brightness_temperature	H5T STD U16LE Number_of_Scans> Type H5T_C_S1 H5T_C_S1	53 23
0.926		IMAGE MINMAXRANGE TB_Pixels_S5 Attributes Name	[0,40000] H5T_STD_U16LE Value Pixels brightness temperatures at 183.31 +/- 6.8 brightness_temperature Kelvin	H5T STD U16LE Number_of_Scans> Type H5T_C_S1	53
0.926		IMAGE MINMAXRANGE TB_Pixels_S5 Attributes Name long_name standard_name	[0,40000] H5T_STD_U16LE Value Pixels brightness temperatures at 183.31 +/- 6.8 brightness_temperature	H5T STD U16LE Number_of_Scans> Type H5T_C_S1 H5T_C_S1	53 23
0.926		IMAGE MINMAXRANGE TB_Pixels_S5 Attributes Name long_name standard_name units scale_factor	[0,40000] H5T_STD_U16LE Value Pixels brightness temperatures at 183.31 +/- 6.8 brightness_temperature Kelvin	H5T STD U16LE Number_of_Scans> Type H5T_C_S1 H5T_C_S1 H5T_C_S1 H5T_C_S1 H5T_C_S1	53 23 7
0.926		IMAGE MINMAXRANGE TB_Pixels_S5 Attributes Name long_name standard_name units scale_factor add_offset	[0,40000] H5T_STD_U16LE Value Pixels brightness temperatures at 183.31 +/- 6.8 brightness_temperature Kelvin 0.01 0.0	H5T STD U16LE Number_of_Scans> Type H5T_C_S1 H5T_C_S1 H5T_C_S1 H5T_C_S1 H5T_C_S1 H5T_C_S1 H5T_C_S1	53 23 7 5 4
0.926	#16	IMAGE MINMAXRANGE TB_Pixels_S5 Attributes Name long_name standard_name units scale_factor add_offset valid_range	[0,40000] H5T_STD_U16LE Value Pixels brightness temperatures at 183.31 +/- 6.8 brightness_temperature Kelvin 0.01 0.0 [0,400]	H5T STD U16LE Number_of_Scans>	53 23 7 5 4
0.926	#16	IMAGE MINMAXRANGE TB_Pixels_S5 Attributes Name long_name standard_name units scale_factor add_offset valid_range FillValue	[0,40000] H5T_STD_U16LE Value Pixels brightness temperatures at 183.31 +/- 6.8 brightness_temperature Kelvin 0.01 0.0 [0,400] 65535	H5T STD U16LE Number_of_Scans>	53 23 7 5 4 8 6
0.926	#16	IMAGE MINMAXRANGE TB_Pixels_S5 Attributes Name long_name standard_name units scale_factor add_offset valid_range	[0,40000] H5T_STD_U16LE Value Pixels brightness temperatures at 183.31 +/- 6.8 brightness_temperature Kelvin 0.01 0.0 [0,400] 65535 QF_Pixels_S5	H5T STD U16LE Number_of_Scans>	53 23 7 5 4
0.926	#16	IMAGE MINMAXRANGE TB_Pixels_S5 Attributes Name long_name standard_name units scale_factor add_offset valid_range FillValue	[0,40000] H5T_STD_U16LE Value Pixels brightness temperatures at 183.31 +/- 6.8 brightness_temperature Kelvin 0.01 0.0 [0,400] 65535 QF_Pixels_S5 TB estimated from raw instrumental	H5T STD U16LE Number_of_Scans>	53 23 7 5 4 8 6
0.926	#16	IMAGE MINMAXRANGE TB_Pixels_S5 Attributes Name long_name standard_name units scale_factor add_offset valid_range FillValue	[0,40000] H5T_STD_U16LE Value Pixels brightness temperatures at 183.31 +/- 6.8 brightness_temperature Kelvin 0.01 0.0 [0,400] 65535 QF_Pixels_S5 TB estimated from raw instrumental measurements (see additionnal	H5T STD U16LE Number_of_Scans>	53 23 7 5 4 8 6
0.926	#16	IMAGE MINMAXRANGE TB_Pixels_S5 Attributes Name long_name standard_name units scale factor add_offset valid_range FillValue quality_flag	[0,40000] H5T_STD_U16LE Value Pixels brightness temperatures at 183.31 +/- 6.8 brightness_temperature Kelvin 0.01 0.0 [0,400] 65535 QF_Pixels_S5 TB estimated from raw instrumental measurements (see additionnal geometrical information in attributes of	H5T STD U16LE Number_of_Scans>	53 23 7 5 4 8 6
0.926	#16	IMAGE MINMAXRANGE TB_Pixels_S5 Attributes Name long_name standard_name units scale factor add_offset valid_range FillValue quality_flag comment	[0,40000] H5T_STD_U16LE Value Pixels brightness temperatures at 183.31 +/- 6.8 brightness_temperature Kelvin 0.01 0.0 [0,400] 65535 QF_Pixels_S5 TB estimated from raw instrumental measurements (see additionnal geometrical information in attributes of SAPHIR)	H5T STD U16LE Number_of_Scans>	53 23 7 5 4 8 6 44
0.926	#16	IMAGE MINMAXRANGE TB_Pixels_S5 Attributes Name long_name standard name units scale factor add offset valid_range FillValue quality_flag comment dimension label	[0,40000] H5T_STD_U16LE Value Pixels brightness temperatures at 183.31 +/- 6.8 brightness_temperature Kelvin 0.01 0.0 [0,400] 65535 QF_Pixels_S5 TB estimated from raw instrumental measurements (see additionnal geometrical information in attributes of SAPHIR) Number_of_Scans, Number_of_Pixels	H5T STD U16LE Number_of_Scans> Type H5T_C_S1 H5T C_S1	53 23 7 5 4 8 6 44
0.926	#16	IMAGE MINMAXRANGE TB_Pixels_S5 Attributes Name long_name standard name units scale factor add offset valid_range FillValue quality_flag comment dimension label geolocation label	[0,40000] H5T_STD_U16LE Value Pixels brightness temperatures at 183.31 +/- 6.8 brightness_temperature Kelvin 0.01 0.0 [0,400] 65535 QF_Pixels_S5 TB estimated from raw instrumental measurements (see additionnal geometrical information in attributes of SAPHIR) Number_of_Scans, Number_of_Pixels Latitude_Pixels, Longitude_Pixels	H5T STD U16LE Number_of_Scans> Type H5T_C_S1 H5T C S1	53 23 7 5 4 8 6 44 88 56 78
0.926	#16	IMAGE MINMAXRANGE TB_Pixels_S5 Attributes Name long_name standard name units scale factor add offset valid_range FillValue quality_flag comment dimension label	[0,40000] H5T_STD_U16LE Value Pixels brightness temperatures at 183.31 +/- 6.8 brightness_temperature Kelvin 0.01 0.0 [0,400] 65535 QF_Pixels_S5 TB estimated from raw instrumental measurements (see additionnal geometrical information in attributes of SAPHIR) Number_of_Scans, Number_of_Pixels Latitude_Pixels, Longitude_Pixels IMAGE	H5T STD U16LE Number_of_Scans> Type H5T C_S1	53 23 7 5 4 8 6 44 88 6 78 6
0.926	#16	IMAGE MINMAXRANGE TB_Pixels_S5 Attributes Name long_name standard name units scale factor add offset valid_range FillValue quality_flag comment dimension label geolocation label	[0,40000] H5T_STD_U16LE Value Pixels brightness temperatures at 183.31 +/- 6.8 brightness_temperature Kelvin 0.01 0.0 [0,400] 65535 QF_Pixels_S5 TB estimated from raw instrumental measurements (see additionnal geometrical information in attributes of SAPHIR) Number_of_Scans, Number_of_Pixels Latitude_Pixels, Longitude_Pixels	H5T STD U16LE Number_of_Scans> Type H5T_C_S1 H5T C S1	53 23 7 5 4 8 6 44 88 56 78
0.926	#16	IMAGE MINMAXRANGE TB_Pixels_S5 Attributes Name long_name standard name units scale factor add offset valid_range FillValue quality_flag comment dimension label geolocation label CLASS	[0,40000] H5T_STD_U16LE Value Pixels brightness temperatures at 183.31 +/- 6.8 brightness_temperature Kelvin 0.01 0.0 [0,400] 65535 QF_Pixels_S5 TB estimated from raw instrumental measurements (see additionnal geometrical information in attributes of SAPHIR) Number_of_Scans, Number_of_Pixels Latitude_Pixels, Longitude_Pixels IMAGE	H5T STD U16LE Number_of_Scans> Type H5T C_S1	53 23 7 5 4 8 6 44 88 6 78 6
0.926	#16	IMAGE MINMAXRANGE TB_Pixels_S5 Attributes Name long_name standard_name units scale factor add_offset valid_range FillValue quality_flag comment dimension label geolocation label CLASS IMAGE_SUBCLASS IMAGE_MINMAXRANGE	[0,40000] H5T_STD_U16LE Value Pixels brightness temperatures at 183.31 +/- 6.8 brightness_temperature Kelvin 0.01 0.0 [0,400] 65535 QF_Pixels_S5 TB estimated from raw instrumental measurements (see additionnal geometrical information in attributes of SAPHIR) Number_of_Scans, Number_of_Pixels Latitude_Pixels, Longitude_Pixels IMAGE IMAGE [0,40000]	H5T STD U16LE Number_of_Scans>	53 23 7 5 4 8 6 44 88 66 78 66 16
		IMAGE MINMAXRANGE TB_Pixels_S5 Attributes Name long_name standard_name units scale factor add_offset valid_range FillValue quality_flag comment dimension label geolocation label CLASS IMAGE_SUBCLASS IMAGE_MINMAXRANGE TB_Pixels_S6	[0,40000] H5T_STD_U16LE Value Pixels brightness temperatures at 183.31 +/- 6.8 brightness_temperature Kelvin 0.01 0.0 [0,400] 65535 QF_Pixels_S5 TB estimated from raw instrumental measurements (see additionnal geometrical information in attributes of SAPHIR) Number_of_Scans, Number_of_Pixels Latitude_Pixels, Longitude_Pixels IMAGE IMAGE IMAGE_GRAYSCALE	H5T STD U16LE Number_of_Scans> Type H5T C_S1	53 23 7 5 4 8 6 44 88 66 78 66 16
	#16	IMAGE MINMAXRANGE TB_Pixels_S5 Attributes Name long_name standard_name units scale factor add_offset valid_range FillValue quality_flag comment dimension label geolocation label CLASS IMAGE_SUBCLASS IMAGE_MINMAXRANGE	[0,40000] H5T_STD_U16LE Value Pixels brightness temperatures at 183.31 +/- 6.8 brightness_temperature Kelvin 0.01 0.0 [0,400] 65535 QF_Pixels_S5 TB estimated from raw instrumental measurements (see additionnal geometrical information in attributes of SAPHIR) Number_of_Scans, Number_of_Pixels Latitude_Pixels, Longitude_Pixels IMAGE IMAGE [0,40000]	H5T STD U16LE Number_of_Scans>	53 23 7 5 4 8 6 44 88 66 78 66 16

			District the state of the state		
		long name	Pixels brightness temperatures at 183.31 +/- 11.0	H5T C S1	53
		standard name	brightness temperature	H5T C S1	23
		units	Kelvin	H5T C S1	7
		scale factor	0.01	H5T C S1	5
		add offset	0.0	H5T C S1	4
		valid range	[0,400]	H5T C S1	8
		FillValue	65535	H5T C S1	6
		quality_flag	QF Pixels S6	H5T C S1	44
		quanty_nay	TB estimated from raw instrumental	1131_C_31	44
		comment	measurements (see additionnal geometrical information in attributes of SAPHIR)	H5T C S1	88
		dimension label	Number of Scans, Number of Pixels	H5T C S1	56
		geolocation label	Latitude Pixels, Longitude Pixels	H5T C S1	78
		CLASS	IMAGE	H5T C S1	6
		IMAGE SUBCLASS	IMAGE GRAYSCALE	H5T C S1	16
		IMAGE MINMAXRANGE	[0,40000]	H5T STD U16LE	4
0.926		QF Pixels S1	H5T_STD_U16LE	Number of Scans	
1111111		Attributes			
		Name	Value	Туре	Size
			Quality Flag of pixel for channel 183.31	.,,,,,	0.00
		long name	+/- 0.2	H5T C S1	71
		standard_name	quality flag	H5T_C_S1	13
	#18	comment dimension label geolocation_label	16-bits array (=0:good/=1:bad):, #15: TB validity , #14:sun glint, #13: land/sea contamination, #12:surface type, #11:On/Off Channel, #10:Level-0 Count Saturated, #9:Level-0 Count poor value, #8:geolocation estimation, #7-6: calibration flag, #5:hot count error, #4: cold sky count error, #3: interpolation quality, #2: Blank, #1-0: Ice flag Number_of_Scans, Number_of_Pixels Latitude_Pixels, Longitude_Pixels	H5T C S1 H5T C S1 H5T C S1	1 56 78
		CLASS	IMAGE	H5T_C_S1	6
	_	IMAGE_SUBCLASS	IMAGE_GRAYSCALE	H5T_C_S1	16
		IMAGE_MINMAXRANGE	[0,8000]	H5T_STD_U16LE	4
0.926		QF_Pixels_S2	H5T_STD_U16LE	Number_of_Scans>	
		Attributes			
		Name	Value	Туре	Size
		long name	Quality Flag of pixel for channel 183.31	HET C C1	71
	_	long_name	+/- 1.1	H5T_C_S1	71
	-	standard_name	quality flag	H5T_C_S1	13
	#19		16-bits array (=0:good/=1:bad):, #15: TB validity , #14:sun glint, #13: land/sea contamination, #12:surface type, #11:On/Off Channel, #10:Level-0 Count Saturated, #9:Level-0 Count poor value, #8:geolocation estimation, #7-6: calibration flag, #5:hot count error, #4: cold sky count error, #3: interpolation		
			quality, #2: Blank, #1-0: Ice flag	H5T_C_S1	1
		comment	1.		
		dimension_label	Number_of_Scans, Number_of_Pixels	H5T_C_S1	56
			1.		

		IMAGE SUBCLASS	IMAGE_GRAYSCALE	H5T C S1	16
		IMAGE MINMAXRANGE	[0,8000]	H5T STD U16LE	4
0.926		QF_Pixels_S3	H5T_STD_U16LE	Number_of_Scans>	
		Attributes			
		Name	Value	Туре	Size
			Quality Flag of pixel for channel 183.31		
		long_name	+/- 2.8	H5T_C_S1	71
		standard_name	quality flag	H5T_C_S1	13
	#20	comment	16-bits array (=0:good/=1:bad):, #15: TB validity, #14:sun glint, #13: land/sea contamination, #12:surface type, #11:On/Off Channel, #10:Level-0 Count Saturated, #9:Level-0 Count poor value, #8:geolocation estimation, #7-6: calibration flag, #5:hot count error, #4: cold sky count error, #3: interpolation quality, #2: Blank, #1-0: Ice flag		1
		dimension label	Number of Scans, Number of Pixels	H5T C S1	56
		geolocation label	Latitude Pixels, Longitude Pixels	H5T C S1	78
	—	CLASS	IMAGE	H5T C S1	6
		IMAGE SUBCLASS	IMAGE GRAYSCALE	H5T C S1	16
		IMAGE SUBCLASS IMAGE MINMAXRANGE	[0,8000]	H5T STD U16LE	4
0.926		QF Pixels S4	H5T_STD_U16LE	Number_of_Scansx	4
0.920		Attributes	H31_31D_010LE	Nulliber_or_scalis	
		Name	Value	Туре	Size
		ivanie	Quality Flag of pixel for channel 183.31	Туре	3126
		long name	+/- 4.2	H5T C S1	71
		standard name	quality flag	H5T C S1	13
	#21		16-bits array (=0:good/=1:bad):, #15: TB validity, #14:sun glint, #13: land/sea contamination, #12:surface type, #11:On/Off Channel, #10:Level-0 Count Saturated, #9:Level-0 Count poor value, #8:geolocation estimation, #7-6: calibration flag, #5:hot count error, #4: cold sky count error, #3: interpolation		
		comment	quality, #2: Blank, #1-0: Ice flag	H5T C S1	1
		dimension_label	Number_of_Scans, Number_of_Pixels	H5T_C_S1	56
		geolocation_label	Latitude_Pixels, Longitude_Pixels	H5T_C_S1	78
		CLASS	IMAGE	H5T_C_S1	6
		IMAGE_SUBCLASS	IMAGE_GRAYSCALE	H5T_C_S1	16
0.000		IMAGE_MINMAXRANGE	[0,8000]	H5T_STD_U16LE	4
0.926		QF_Pixels_S5	H5T_STD_U16LE	Number_of_Scansx	
		Attributes			
		Name	Value	Туре	Size
		lang nama	Quality Flag of pixel for channel 183.31	HET C C1	71
		long_name	+/- 6.8	H5T_C_S1	71
	#22	standard_name	quality flag 16-bits array (=0:good/=1:bad):, #15: TB validity, #14:sun glint, #13: land/sea contamination, #12:surface type, #11:On/Off Channel, #10:Level-0 Count Saturated, #9:Level-0 Count poor value, #8:geolocation estimation, #7-6: calibration flag, #5:hot count error, #4:		13
		comment	cold sky count error, #3: interpolation guality, #2: Blank, #1-0: Ice flag	H5T_C_S1	1

						_
		dimension_label	Number_of_Scans, Number_of_Pixels	H5T_C_S1	56	
		geolocation_label	Latitude_Pixels, Longitude_Pixels	H5T_C_S1	78	
		CLASS	IMAGE	H5T C S1	6	
		IMAGE SUBCLASS	IMAGE_GRAYSCALE	H5T C S1	16	
		IMAGE MINMAXRANGE	[0,8000]	H5T STD U16LE	4	
0.926		QF_Pixels_S6	H5T_STD_U16LE	Number_of_Scans>		П
		Attributes				
		Name	Value	Туре	Size	
			Quality Flag of pixel for channel 183.31			
		long name	+/- 11.0	H5T C S1	71	
		standard_name	quality flag	H5T_C_S1	13	
	#23	comment	16-bits array (=0:good/=1:bad):, #15: TB validity , #14:sun glint, #13: land/sea contamination, #12:surface type, #11:On/Off Channel, #10:Level-0 Count Saturated, #9:Level-0 Count poor value, #8:geolocation estimation, #7-6: calibration flag, #5:hot count error, #4: cold sky count error, #3: interpolation quality, #2: Blank, #1-0: Ice flag		1	
		dimension label	Number of Scans, Number of Pixels	H5T C S1	56	1
		geolocation label	Latitude Pixels, Longitude Pixels	H5T C S1		1
		CLASS	IMAGE	H5T C S1		1
	_	IMAGE SUBCLASS	IMAGE GRAYSCALE	H5T C S1	16	1
	_	IMAGE MINMAXRANGE	[0,8000]	H5T STD U16LE	4	4

ADLID		1112		
SAPHIR		L1A3		
	- · · · · · · · · · · · · · · · · · · ·			
	Estimated Size	for typical [Number_of_Scans]		
	17.140 Mb	[2467]		
data group associated	attributes			
Scien	ceData			
		Attributes		
Index	Name		Туре	Size
#1	Product_Identification	MT1SAPSL1A3_1.00_9_01_I_2012_05_09_000		84
#2	Organization_Name	ISRO	H5T_C_S1	5
#3	Property_of_data	ISRO_ and_CNES	H5T_C_S1	15
#4	Satellite_Name	MEGHA-TROPIQUES	H5T_C_S1	16
#5	Payload_Name	SAPHIR	H5T_C_S1	12
#6	Product_Name	Level-1A3-segment wise	H5T_C_S1	35
#7	Product_Format	NCSA-HDF	H5T_C_S1	9
#8	Product_Format_Version	HDF5-1.6.4	H5T_C_S1	11
#9	Product_Generation_Date	2012MAI09	H5T_C_S1	10
#10	Imaging_Date	2012MAI09	H5T_C_S1	10
#11	Date_Format		H5T_C_S1	10
#12	INS_AuxFile_Version		H5T_C_S1	5
#13	PRO_AuxFile_Version	9_01	H5T_C_S1	5
#14	RAD_AuxFile_Version	9 01	H5T_C_S1	5
#15	GEO_AuxFile_Version	9 01	H5T_C_S1	5
#16	PCS_AuxFile_Version	9 01	H5T_C_S1	5
#17	SLC_AuxFile_Version	9 01	H5T_C_S1	5
#18	GRB_AuxFile_Version	9 01	H5T_C_S1	5
#19	UCS_AuxFile_Version	9 01	H5T_C_S1	5
#20	Number_of_Channels		H5T C S1	8
#21	Channel_CentralFrequency	183.31+/-0.2GHz 183.31+/-1.1GHz 183.31+,		102
#22	Channel_Bandwith	200MHz 350MHz 500MHz 700MHz 1200MHz 2		45
#23	SunGlint_Limits		H5T_C_S1	14
#24	Orbit_StartNumber	00001	H5T_C_S1	19
#25	Orbit EndNumber	00001	H5T C S1	17
#26	Orbit Cycle Number	01	H5T_C_S1	3
#27	SLConf	100001	H5T_C_S1	7
#28	Nskip		H5T C S1	5
#29	ProcessorVersion		H5T C S1	5
#30	SAPHIR_QF_Scan_Definition	16-bits array (=0:good/=1:bad):, #15: scan/rd		16x24
#31		16-bits array (=0:good/=1:bad):, #15:TB val		16x24
#32		[00000064,00000165,00000266,00000367,00		1*Nskip
#33	Skip EndScanNumber	[00000066,00000167,00000268,00000370,00		1*Nskip
#34	Flip StartScanNumber		H5T_C_S1	9
#35	Flip_EndScanNumber		H5T_C_S1	9
#36	Maneuver StartScanNumber		H5T_C_S1	9
#37	Maneuver_EndScanNumber		H5T_C_S1	9
#38	MADRAS_FirstScanNumber		H5T_C_S1	8
#30	Number of Pixels		H5T C S1	0

	#40	Number_of_Scans	00002467	H5T_C_S1	22	
	#41	QF_Product_%Processed_9	Scans 099	H5T_C_S1	4	
Colongo data grave al-	monto					
Science data group ele	ements	T				
Estimated size of						
dataset [Mb]		Index	Name	Туре	Typical Value	
0.005	_		SAPHIR_QF_scan	H5T_STD_U16LE	Number_of_Scans	
0.003			Attributes	1131_310_010EE	Nulliber_or_scalls	
		_	Name	Value	Туре	Size
				Quality flag applicable to the scan line		
		_	long_name	16-bits array (=0:good/=1:bad):, #15:	H5T_C_S1	41
				scan/row quality flag validity, #14:		
		#1		pass type, #13: Scanning type, #12:		
				Scan/Row error, #11: datation error,		
				#10: PRT Error, #9-8: Blank, #7: CRC		
				Status, #6: Blank, #5-3: Payload Mode,	LIET C CZ	252
		-	comment	#2-0: Satellite Mode	H5T C S1	250
		-	dimension label	Number_of_Scans	H5T C S1	16
0.005			geolocation label	Scan_FirstPixelAcqTime	H5T C S1	35
0.005			MADRAS_Scan_Number Attributes	H5T_STD_U16LE	Number_of_Scans	
		_		Volue	Tuna	Cina
		-	Name	Value Scan Number	Type	Size
		_	long_name	Scan Number	H5T_C_S1	12
		#2	add_offset	0	H5T_C_S1	2
		#2	valid_range	[0,65535]	H5T_C_S1	10
			min max	[0,65535]	H5T C S1	10
		-	FillValue	65535	H5T C S1	6
			comment	scan number from the first scan of the product	H5T_C_S1	47
			dimension label	Number of Scans	H5T C S1	16
0.005			Latitude_Nadir	H5T STD U16LE	Number of Scans	10
0.003			Attributes	1131_312_01011	.vainbci_oi_ocails	
		-	Name	Value	Туре	Size
		-		latitude of subsatellite point	H5T C S1	31
		-	long name standard name	latitude of subsatellite point	H5T C S1	9
		-	units	degrees	H5T C S1	<u>9</u> 8
		#3	scale factor	0.01	H5T C S1	8 5
		#5	add offset	-40.0	H5T C S1	5 6
		-	valid range	[-40.0,40.0]	H5T C S1	<u>0</u> 13
		-	min max	[0,8000]	H5T C S1	9
		-	FillValue	65535	H5T C S1	9 6
		-	comment	accuracy 1km	H5T C S1	<u>0</u>
		-	dimension label	Number of Scans	H5T C S1	16
0.005			Longitude Nadir	H5T_STD_U16LE	Number of Scans	10
0.003			Attributes	LIST_SID_OTOFE	Ivallibel_OI_3CallS	
		-	Name	Value	Typo	Size
		-		longitude of subsatellite point	Type	
			long_name		H5T_C_S1	32
		#4	standard_name	longitude	H5T_C_S1	10
		_	units	degrees	H5T_C_S1	8
		-	scale factor	0.01	H5T C S1	5
		-	add offset	0.0	H5T C S1	4
			valid range	[0.0,360.0]	H5T_C_S1	12

		min max	[0,36000]	H5T C S1	10
		FillValue	65535	H5T C S1	6
		_rilivalue	Longitude [0,360]: 0 is Greenwich	1131_C_31	U
			meridian (accuracy 1km)	LIET C C1	Ε0
		comment dimension label	Number_of_Scans	H5T C S1	59 16
0.002		Scan_FirstPixelAcqTime	H5T_C_S1	Number_of_Scans	10
0.002			H51_C_31	Nulliber_or_scalls	
		Attributes Name	Value	Turna	Size
				Type	
		long_name	date of the first pixel	H5T_C_S1	45
	#5	standard_name	time	H5T_C_S1	5
		units	UTC Time in microseconds	H5T_C_S1	25
		_FillValue	yyyymmdd hhmmssuuuuuu	H5T_C_S1	22
		comment	format: yyyymmdd hhmmssuuuuuu	H5T C S1	30
		dimension label	Number_of_Scans	H5T C S1	16
2.014		Pixel_AcquisitionTime	H5T_IEEE_F32LE	Number_of_Scansx	
		Attributes			
		Name	Value	Туре	Size
			Time between first pixel and current		
		long name	pixel	H5T C S1	44
		standard_name	time	H5T_C S1	5
	#6	units	seconds	H5T_C_S1	9
	#0	_FillValue	3.4E38	H5T_C_S1	7
			Average time at pixel centre from first		
		comment	pixel time	H5T_C_S1	52
		dimension_label	Number_of_Scans, Number_of_Pixels	H5T_C_S1	37
		CLASS	IMAGE	H5T_C_S1	6
		IMAGE SUBCLASS	IMAGE_GRAYSCALE	H5T C S1	16
		IMAGE MINMAXRANGE	TBD	H5T IEEE F32LE	8
1.007		Latitude_Pixels	H5T_STD_U16LE	Number_of_Scansx	
		Attributes			
		Name	Value	Туре	Size
		long name	latitude of pixels	H5T C S1	77
	#7	standard name	latitude	H5T C S1	9
		units	degrees	H5T C S1	8
		scale factor	0.01	H5T C S1	5
		add offset	-40.0	H5T C S1	6
		valid range	[-40.0,40.0]	H5T C S1	13
		FillValue	65535	H5T C S1	6
		comment	accuracy 1km	H5T C S1	13
		dimension_label	Number of Scans, Number of Pixels	H5T C S1	59
		CLASS	IMAGE	H5T C S1	6
			IMAGE_GRAYSCALE		
		IMAGE_SUBCLASS	[0,8000]	H5T_C_S1	16
1 007		IMAGE_MINMAXRANGE		H5T_STD_U16LE	4
1.007		Longitude_Pixels	H5T_STD_U16LE	Number_of_Scansx	
		Attributes	17.7	т.	Ci-
		Name	Value	Туре	Size
		long name	longitude of pixels	H5T C S1	78
	#8	standard_name	longitude	H5T C S1	10
		units	degrees	H5T_C_S1	8
		scale_factor	0.01	H5T_C_S1	5
		add_offset	0.0	H5T_C_S1	4
		valid_range	[0.0,360.0]	H5T_C_S1	12
		_FillValue	65535	H5T_C_S1	6
		-			

			Longitude [0,360]: 0 is Greenwich		
		comment	meridian (accuracy 1km)	H5T_C_S1	59
		dimension_label	Number_of_Scans, Number_of_Pixels	H5T_C_S1	59
		CLASS	IMAGE	H5T C S1	6
		IMAGE SUBCLASS	IMAGE_GRAYSCALE	H5T C S1	16
		IMAGE_MINMAXRANGE	[0,36000]	H5T_STD_U16LE	4
1.007		IncidenceAngle_Pixels	H5T_STD_I16LE	Number_of_Scans>	
		Attributes			
		Name	Value	Туре	Size
		long_name	Incidence angle at the center of pixels	H5T_C_S1	52
		standard_name	incidence_angle	H5T_C_S1	16
		units	degrees	H5T_C_S1	8
		scale factor	0.01	H5T C S1	5
	#9	valid range	[0.0,51.0]	H5T C S1	11
		FillValue	32767	H5T C S1	6
		comment	angle between zenith and line of sight	H5T C S1	39
		dimension label	Number_of_Scans, Number_of_Pixels	H5T C S1	37
		geolocation label	Latitude, Longitude	H5T C S1	20
		CLASS	IMAGE	H5T C S1	6
		IMAGE SUBCLASS	IMAGE GRAYSCALE	H5T C S1	16
		IMAGE MINMAXRANGE	[-4296,4296]	H5T STD I16LE	4
1.007		TB Pixels S1	H5T STD U16LE	Number of Scans	
		Attributes	= =		
		Name	Value	Туре	Size
	#10		Pixels brightness temperatures at	77-	
		long name	183.31 +/- 0.2	H5T C S1	53
		standard name	brightness temperature	H5T C S1	23
		units	Kelvin	H5T C S1	7
		scale factor	0.01	H5T C S1	5
		add offset	0.0	H5T C S1	4
		valid range	[0,400]	H5T C S1	8
		FillValue	65535	H5T C S1	6
		quality flag	QF Pixels S1	H5T C S1	44
		quality liag	TB estimated from raw instrumental	U21_C_21	44
			measurements (see additionnal		
			geometrical information in attributes of		
		comment	SAPHIR)	H5T_C_S1	88
		dimension_label	Number_of_Scans, Number_of_Pixels	H5T_C_S1	56
		geolocation_label	Latitude_Pixels, Longitude_Pixels	H5T_C_S1	78
		CLASS	IMAGE	H5T_C_S1	6
		IMAGE_SUBCLASS	IMAGE_GRAYSCALE	H5T_C_S1	16
		IMAGE MINMAXRANGE	[0,40000]	H5T STD U16LE	4
1.007		TB_Pixels_S2	H5T_STD_U16LE	Number_of_Scans>	
		Attributes			
		Name	Value	Туре	Size
			Pixels brightness temperatures at	,	
		long name	183.31 +/- 1.1	H5T C S1	53
	//22	standard name	brightness temperature	H5T C S1	23
	#11	units	Kelvin	H5T_C_S1	7
		scale_factor	0.01	H5T_C_S1	5
		add offset	0.0	H5T_C_S1	4
		valid range	[0,400]	H5T C S1	8
		FillValue	65535	H5T C S1	6
					()

			I==		
			TB estimated from raw instrumental		
			measurements (see additionnal		
			geometrical information in attributes of	LIET C C1	88
		comment	SAPHIR)	H5T_C_S1	
		dimension_label	Number_of_Scans, Number_of_Pixels	H5T_C_S1	56
		geolocation label	Latitude_Pixels, Longitude_Pixels	H5T C S1	78
		CLASS	IMAGE	H5T C S1	6
		IMAGE SUBCLASS	IMAGE_GRAYSCALE	H5T C S1	16
		IMAGE MINMAXRANGE	[0,40000]	H5T STD U16LE	4
1.007		TB Pixels S3	H5T STD U16LE	Number of Scansx	
		Attributes			
		Name	Value	Type	Size
		7747770	Pixels brightness temperatures at	.,,,,,	5.20
		lang name	183.31 +/- 2.8	H5T C S1	53
	_	long_name	· · · · · · · · · · · · · · · · · · ·		
		standard name	brightness_temperature	H5T C S1	23
		units	Kelvin	H5T C S1	7
		scale_factor	0.01	H5T_C_S1	5
		add_offset	0.0	H5T_C_S1	4
		valid_range	[0,400]	H5T_C_S1	8
	#12	FillValue	65535	H5T C S1	6
		quality flag	QF Pixels S3	H5T C S1	44
		gaanty_nag	TB estimated from raw instrumental		
			measurements (see additionnal		
			geometrical information in attributes of		
		comment	ŠAPHIR)	H5T C S1	88
		dimension label	Number_of_Scans, Number_of_Pixels	H5T C S1	56
		geolocation label	Latitude Pixels, Longitude Pixels	H5T C S1	78
		CLASS	IMAGE	H5T C S1	6
		IMACE CURCLACE	IIMAGE GDAYSCALE	LIET C C1	16
		IMAGE SUBCLASS	IMAGE_GRAYSCALE	H5T_C_S1	16
1 007		IMAGE_MINMAXRANGE	[0,40000]	H5T_STD_U16LE	16 4
1.007		IMAGE_MINMAXRANGE TB_Pixels_S4			
1.007		IMAGE MINMAXRANGE TB_Pixels_S4 Attributes	[0,40000] H5T_STD_U16LE	H5T_STD_U16LE Number_of_Scansx	4
1.007		IMAGE_MINMAXRANGE TB_Pixels_S4	[0,40000] H5T_STD_U16LE Value	H5T_STD_U16LE	
1.007		IMAGE MINMAXRANGE TB_Pixels_S4 Attributes	[0,40000] H5T_STD_U16LE Value Pixels brightness temperatures at	H5T STD U16LE Number_of_Scans>	4 Size
1.007		IMAGE MINMAXRANGE TB_Pixels_S4 Attributes	[0,40000] H5T_STD_U16LE Value	H5T_STD_U16LE Number_of_Scansx	4
1.007		IMAGE MINMAXRANGE TB_Pixels_S4 Attributes Name	[0,40000] H5T_STD_U16LE Value Pixels brightness temperatures at 183.31 +/- 4.2	H5T STD U16LE Number_of_Scans> Type H5T_C_S1	4 <i>Size</i> 53
1.007		IMAGE MINMAXRANGE TB_Pixels_S4 Attributes Name long_name standard_name	[0,40000] H5T_STD_U16LE Value Pixels brightness temperatures at 183.31 +/- 4.2 brightness_temperature	H5T STD U16LE Number_of_Scans> Type H5T_C_S1 H5T_C_S1	53 23
1.007		IMAGE MINMAXRANGE TB_Pixels_S4 Attributes Name long_name standard_name units	[0,40000] H5T_STD_U16LE Value Pixels brightness temperatures at 183.31 +/- 4.2 brightness_temperature Kelvin	H5T STD U16LE Number_of_Scans> Type H5T_C_S1 H5T_C_S1 H5T_C_S1	53 23 7
1.007		IMAGE MINMAXRANGE TB_Pixels_S4 Attributes Name long_name standard_name units scale_factor	[0,40000] H5T_STD_U16LE Value Pixels brightness temperatures at 183.31 +/- 4.2 brightness_temperature Kelvin 0.01	H5T STD U16LE Number_of_Scans> Type H5T_C_S1 H5T_C_S1 H5T_C_S1 H5T_C_S1 H5T_C_S1	53 23 7 5
1.007		IMAGE MINMAXRANGE TB_Pixels_S4 Attributes Name long_name standard_name units scale_factor add_offset	[0,40000] H5T_STD_U16LE Value Pixels brightness temperatures at 183.31 +/- 4.2 brightness_temperature Kelvin 0.01 0.0	H5T STD U16LE Number_of_Scans> Type H5T_C_S1 H5T_C_S1 H5T_C_S1 H5T_C_S1 H5T_C_S1 H5T_C_S1 H5T_C_S1	53 23 7 5 4
1.007	#13	IMAGE MINMAXRANGE TB_Pixels_S4 Attributes Name long_name standard_name units scale_factor add_offset valid_range	[0,40000] H5T_STD_U16LE Value Pixels brightness temperatures at 183.31 +/- 4.2 brightness_temperature Kelvin 0.01 0.0 [0,400]	H5T STD U16LE Number_of_Scans>	53 23 7 5 4
1.007	#13	IMAGE MINMAXRANGE TB_Pixels_S4 Attributes Name long_name standard_name units scale_factor add_offset valid_range FillValue	[0,40000] H5T_STD_U16LE Value Pixels brightness temperatures at 183.31 +/- 4.2 brightness_temperature Kelvin 0.01 0.0 [0,400] 65535	H5T STD U16LE Number_of_Scans>	53 23 7 5 4 8
1.007	#13	IMAGE MINMAXRANGE TB_Pixels_S4 Attributes Name long_name standard_name units scale_factor add_offset valid_range	[0,40000] H5T_STD_U16LE Value Pixels brightness temperatures at 183.31 +/- 4.2 brightness_temperature Kelvin 0.01 0.0 [0,400] 65535 QF_Pixels_S4	H5T STD U16LE Number_of_Scans>	53 23 7 5 4
1.007	#13	IMAGE MINMAXRANGE TB_Pixels_S4 Attributes Name long_name standard_name units scale_factor add_offset valid_range FillValue	[0,40000] H5T_STD_U16LE Value Pixels brightness temperatures at 183.31 +/- 4.2 brightness_temperature Kelvin 0.01 0.0 [0,400] 65535 QF_Pixels_S4 TB estimated from raw instrumental	H5T STD U16LE Number_of_Scans>	53 23 7 5 4 8
1.007	#13	IMAGE MINMAXRANGE TB_Pixels_S4 Attributes Name long_name standard_name units scale_factor add_offset valid_range FillValue	[0,40000] H5T_STD_U16LE Value Pixels brightness temperatures at 183.31 +/- 4.2 brightness_temperature Kelvin 0.01 0.0 [0,400] 65535 QF_Pixels_S4 TB estimated from raw instrumental measurements (see additionnal	H5T STD U16LE Number_of_Scans>	53 23 7 5 4 8
1.007	#13	IMAGE MINMAXRANGE TB_Pixels_S4 Attributes Name long_name standard name units scale factor add offset valid range FillValue quality_flag	[0,40000] H5T_STD_U16LE Value Pixels brightness temperatures at 183.31 +/- 4.2 brightness_temperature Kelvin 0.01 0.0 [0,400] 65535 QF_Pixels_S4 TB estimated from raw instrumental measurements (see additionnal geometrical information in attributes of	H5T STD U16LE Number_of_Scans>	53 23 7 5 4 8 6 44
1.007	#13	IMAGE MINMAXRANGE TB_Pixels_S4 Attributes Name long_name standard name units scale factor add offset valid_range FillValue quality_flag comment	[0,40000] H5T_STD_U16LE Value Pixels brightness temperatures at 183.31 +/- 4.2 brightness_temperature Kelvin 0.01 0.0 [0,400] 65535 QF_Pixels_S4 TB estimated from raw instrumental measurements (see additionnal geometrical information in attributes of SAPHIR)	H5T STD U16LE Number_of_Scans>	53 23 7 5 4 8 6 44
1.007	#13	IMAGE MINMAXRANGE TB_Pixels_S4 Attributes Name long_name standard_name units scale factor add offset valid_range FillValue quality_flag comment dimension_label	[0,40000] H5T_STD_U16LE Value Pixels brightness temperatures at 183.31 +/- 4.2 brightness_temperature Kelvin 0.01 0.0 [0,400] 65535 QF_Pixels_S4 TB estimated from raw instrumental measurements (see additionnal geometrical information in attributes of SAPHIR) Number_of_Scans, Number_of_Pixels	H5T STD U16LE Number_of_Scans> Type H5T_C_S1 H5T C_S1	53 23 7 5 4 8 6 44 88 56
1.007	#13	IMAGE MINMAXRANGE TB_Pixels_S4 Attributes Name long_name standard_name units scale factor add offset valid_range FillValue quality_flag comment dimension label geolocation label	[0,40000] H5T_STD_U16LE Value Pixels brightness temperatures at 183.31 +/- 4.2 brightness_temperature Kelvin 0.01 0.0 [0,400] 65535 QF_Pixels_S4 TB estimated from raw instrumental measurements (see additionnal geometrical information in attributes of SAPHIR) Number_of_Scans, Number_of_Pixels Latitude_Pixels, Longitude_Pixels	H5T STD U16LE Number_of_Scans> Type H5T_C_S1 H5T C S1	53 23 7 5 4 8 6 44 88 56 78
1.007	#13	IMAGE MINMAXRANGE TB_Pixels_S4 Attributes Name long_name standard_name units scale factor add offset valid_range FillValue quality_flag comment dimension_label	[0,4000] H5T_STD_U16LE Value Pixels brightness temperatures at 183.31 +/- 4.2 brightness_temperature Kelvin 0.01 0.0 [0,400] 65535 QF_Pixels_S4 TB estimated from raw instrumental measurements (see additionnal geometrical information in attributes of SAPHIR) Number_of_Scans, Number_of_Pixels Latitude_Pixels, Longitude_Pixels	H5T STD U16LE Number_of_Scans> Type H5T_C_S1 H5T C_S1	53 23 7 5 4 8 6 44 88 56
1.007	#13	IMAGE MINMAXRANGE TB_Pixels_S4 Attributes Name long_name standard_name units scale factor add offset valid_range FillValue quality_flag comment dimension label geolocation label	[0,40000] H5T_STD_U16LE Value Pixels brightness temperatures at 183.31 +/- 4.2 brightness_temperature Kelvin 0.01 0.0 [0,400] 65535 QF_Pixels_S4 TB estimated from raw instrumental measurements (see additionnal geometrical information in attributes of SAPHIR) Number_of_Scans, Number_of_Pixels Latitude_Pixels, Longitude_Pixels	H5T STD U16LE Number_of_Scans> Type H5T_C_S1 H5T C S1	53 23 7 5 4 8 6 44 88 56 78
1.007	#13	IMAGE MINMAXRANGE TB_Pixels_S4 Attributes Name long_name standard_name units scale factor add offset valid_range FillValue quality_flag comment dimension label geolocation label CLASS	[0,4000] H5T_STD_U16LE Value Pixels brightness temperatures at 183.31 +/- 4.2 brightness_temperature Kelvin 0.01 0.0 [0,400] 65535 QF_Pixels_S4 TB estimated from raw instrumental measurements (see additionnal geometrical information in attributes of SAPHIR) Number_of_Scans, Number_of_Pixels Latitude_Pixels, Longitude_Pixels	H5T STD U16LE Number_of_Scans> Type H5T C_S1	53 23 7 5 4 8 6 44 88 6 78 6
1.007	#13	IMAGE MINMAXRANGE TB_Pixels_S4 Attributes Name long_name standard_name units scale factor add offset valid_range FillValue quality_flag comment dimension label geolocation label CLASS IMAGE_SUBCLASS IMAGE_MINMAXRANGE	[0,4000] H5T_STD_U16LE Value Pixels brightness temperatures at 183.31 +/- 4.2 brightness_temperature Kelvin 0.01 0.0 [0,400] 65535 QF_Pixels_S4 TB estimated from raw instrumental measurements (see additionnal geometrical information in attributes of SAPHIR) Number_of_Scans, Number_of_Pixels Latitude_Pixels, Longitude_Pixels IMAGE IMAGE [0,40000]	H5T STD U16LE Number_of_Scans>	53 23 7 5 4 8 6 44 88 66 78 6 16
		IMAGE MINMAXRANGE TB_Pixels_S4 Attributes Name long_name standard name units scale factor add offset valid range FillValue quality_flag comment dimension label geolocation label CLASS IMAGE SUBCLASS IMAGE MINMAXRANGE TB_Pixels_S5	[0,4000] H5T_STD_U16LE Value Pixels brightness temperatures at 183.31 +/- 4.2 brightness_temperature Kelvin 0.01 0.0 [0,400] 65535 QF_Pixels_S4 TB estimated from raw instrumental measurements (see additionnal geometrical information in attributes of SAPHIR) Number_of_Scans, Number_of_Pixels Latitude_Pixels, Longitude_Pixels IMAGE IMAGE	H5T STD U16LE Number_of_Scans> Type H5T C_S1	53 23 7 5 4 8 6 44 88 66 78 6 16
	#13	IMAGE MINMAXRANGE TB_Pixels_S4 Attributes Name long_name standard_name units scale factor add offset valid_range FillValue quality_flag comment dimension label geolocation label CLASS IMAGE_SUBCLASS IMAGE_MINMAXRANGE	[0,4000] H5T_STD_U16LE Value Pixels brightness temperatures at 183.31 +/- 4.2 brightness_temperature Kelvin 0.01 0.0 [0,400] 65535 QF_Pixels_S4 TB estimated from raw instrumental measurements (see additionnal geometrical information in attributes of SAPHIR) Number_of_Scans, Number_of_Pixels Latitude_Pixels, Longitude_Pixels IMAGE IMAGE [0,40000]	H5T STD U16LE Number_of_Scans>	53 23 7 5 4 8 6 44 88 66 78 6 16

			Pixels brightness temperatures at		
		long name	183.31 +/- 6.8	H5T_C_S1	53
		standard name	brightness temperature	H5T C S1	23
		units	Kelvin	H5T C S1	7
		scale factor	0.01	H5T C S1	5
		add offset	0.0	H5T C S1	4
		valid range	[0,400]	H5T C S1	8
		FillValue	65535	H5T C S1	6
		quality flag	QF Pixels S5	H5T C S1	44
		quality_nag	TB estimated from raw instrumental	H31_C_31	44
		comment	measurements (see additionnal geometrical information in attributes of SAPHIR)	H5T C S1	88
		comment	- '		
		dimension_label	Number_of_Scans, Number_of_Pixels	H5T_C_S1	56
		geolocation label	Latitude_Pixels, Longitude_Pixels	H5T C S1	78
		CLASS	IMAGE	H5T C S1	6
		IMAGE SUBCLASS	IMAGE_GRAYSCALE	H5T C S1	16
		IMAGE_MINMAXRANGE	[0,40000]	H5T_STD_U16LE	4
1.007		TB_Pixels_S6	H5T_STD_U16LE	Number_of_Scans>	
		Attributes			
		Name	Value	Туре	Size
			Pixels brightness temperatures at		
		long_name	183.31 +/- 11.0	H5T_C_S1	53
		standard name	brightness_temperature	H5T C S1	23
		units	Kelvin	H5T C S1	7
		scale factor	0.01	H5T C S1	5
		add offset	0.0	H5T C S1	4
		valid range	[0,400]	H5T C S1	8
	#15	FillValue	65535	H5T C S1	6
		quality_flag	QF Pixels S6	H5T C S1	44
		comment	TB estimated from raw instrumental measurements (see additionnal geometrical information in attributes of SAPHIR)	H5T C S1	88
		dimension_label	Number of Scans, Number of Pixels	H5T C S1	56
		geolocation label	Latitude Pixels, Longitude Pixels	H5T C S1	78
		CLASS	IMAGE	H5T C S1	6
			IMAGE GRAYSCALE		16
		IMAGE SUBCLASS IMAGE MINMAXRANGE	[0,40000]	H5T C S1 H5T STD U16LE	4
1.007		OF Pixels S1	H5T STD U16LE	Number of Scansx	4
1.007		Attributes	LIST_SID_OTOFE	ivalliber_ol_acails)	
		Name	Value	Type	Size
		Ivaille	Quality Flag of pixel for channel 183.31	Type	3120
		long name	+/- 0.2	H5T C S1	71
		standard name	quality flag	H5T_C_S1	13
	#16		16-bits array (=0:good/=1:bad):, #15: TB validity, #14:sun glint, #13: land/sea contamination, #12:surface type, #11:On/Off Channel, #10:Level-0 Count Saturated, #9:Level-0 Count poor value, #8:geolocation estimation, #7-6: calibration flag, #5:hot count error, #4: cold sky count error, #3: interpolation quality, #2: Blank, #1-0: Ice flag		
		comment	_	H5T C S1	1
		dimension_label	Number_of_Scans, Number_of_Pixels	H5T_C_S1	56

		geolocation label	Latitude Pixels, Longitude Pixels	H5T C S1	78
		CLASS	IMAGE	H5T C S1	6
		IMAGE SUBCLASS	IMAGE GRAYSCALE	H5T C S1	16
		IMAGE_SUBCLASS IMAGE MINMAXRANGE		H5T STD U16LE	4
1.007		OF Pixels S2	H5T STD U16LE	Number of Scansx	
1.007		`	HOI_SID_OTOLE	Number_or_scans	
		Attributes	16-1	T	Ci
		Name	Value Quality Flag of pixel for channel 183.31	Туре	Size
		long name	+/- 1.1	H5T C S1	71
		standard name	quality flag	H5T C S1	13
		Standard Hame	16-bits array (=0:good/=1:bad):, #15:	H31 C 31	13
			TB validity , #14:sun glint, #13:		
			land/sea contamination, #12:surface		
	#17		type, #11:On/Off Channel, #10:Level-0 Count Saturated, #9:Level-0 Count poor		
			value, #8:geolocation estimation, #7-6:		
			calibration flag, #5:hot count error, #4:		
			cold sky count error, #3: interpolation		
		comment	quality, #2: Blank, #1-0: Ice flag	H5T C S1	1
		dimension label	Number_of_Scans, Number_of_Pixels	H5T C S1	56
		geolocation label	Latitude_Pixels, Longitude_Pixels	H5T C S1	78
		CLASS	IMAGE	H5T C S1	6
		IMAGE SUBCLASS	IMAGE GRAYSCALE	H5T C S1	16
		IMAGE MINMAXRANGE	[0,8000]	H5T STD U16LE	4
1.007		QF_Pixels_S3	H5T_STD_U16LE	Number_of_Scans>	
		Attributes			
		Name	Value	Туре	Size
			Quality Flag of pixel for channel 183.31		
		long_name	+/- 2.8	H5T_C_S1	71
		standard_name	quality flag	H5T_C_S1	13
			16-bits array (=0:good/=1:bad):, #15:		
			TB validity, #14:sun glint, #13:		
			land/sea contamination, #12:surface		
	#18		type, #11:On/Off Channel, #10:Level-0		
	#10		Count Saturated, #9:Level-0 Count poor		
			value, #8:geolocation estimation, #7-6: calibration flag, #5:hot count error, #4:		
			cold sky count error, #3: interpolation		
		comment	quality, #2: Blank, #1-0: Ice flag	H5T C S1	1
	—	dimension label	Number of Scans, Number of Pixels	H5T C S1	56
	—	geolocation label	Latitude Pixels, Longitude Pixels	H5T C S1	78
	—	CLASS	IMAGE		6
	—		IMAGE GRAYSCALE	H5T_C_S1	-
		IMAGE_SUBCLASS		H5T_C_S1	16
1.007		IMAGE_MINMAXRANGE	[0,8000]	H5T_STD_U16LE	4
1.007		QF_Pixels_S4	H5T_STD_U16LE	Number_of_Scans>	
		Attributes		_	
	#19	Name	Value	Туре	Size
		lang nama	Quality Flag of pixel for channel 183.31	LIET C C1	71
		long_name	+/- 4.2	H5T_C_S1	71
	The state of the s	standard name	quality flag	H5T C S1	13

			16-bits array (=0:good/=1:bad):, #15:		
			TB validity , #14:sun glint, #13:		
			land/sea contamination, #12:surface		
			type, #11:On/Off Channel, #10:Level-0		
			Count Saturated, #9:Level-0 Count poor		
			value, #8:geolocation estimation, #7-6:		
			calibration flag, #5:hot count error, #4:		
			cold sky count error, #3: interpolation		
		comment	quality, #2: Blank, #1-0: Ice flag	H5T C S1	1
		dimension label	Number of Scans, Number of Pixels	H5T C S1	56
			Latitude Pixels, Longitude Pixels		
		geolocation_label		H5T_C_S1	78
		CLASS	IMAGE	H5T_C_S1	6
		IMAGE_SUBCLASS	IMAGE_GRAYSCALE	H5T_C_S1	16
		IMAGE MINMAXRANGE	[0,8000]	H5T STD U16LE	4
1.007		QF Pixels S5	H5T STD U16LE	Number of Scansx	
		Attributes			
		Name	Value	Туре	Size
		Ivairie	Quality Flag of pixel for channel 183.31	Туре	3126
		long name	+/- 6.8	H5T_C_S1	71
		<u> </u>			
		standard name	quality flag	H5T C S1	13
			16-bits array (=0:good/=1:bad):, #15:		
			TB validity , #14:sun glint, #13:		
			land/sea contamination, #12:surface		
	#20		type, #11:On/Off Channel, #10:Level-0		
	#20		Count Saturated, #9:Level-0 Count poor		
			value, #8:geolocation estimation, #7-6:		
			calibration flag, #5:hot count error, #4:		
			cold sky count error, #3: interpolation		
		comment	quality, #2: Blank, #1-0: Ice flag	H5T C S1	7
		COMMITTEE			1
	_				
	-	dimension label	Number_of_Scans, Number_of_Pixels	H5T C S1	56
	-	dimension label geolocation label	Number_of_Scans, Number_of_Pixels Latitude_Pixels, Longitude_Pixels	H5T C S1 H5T C S1	56 78
	-	dimension label geolocation label CLASS	Number_of_Scans, Number_of_Pixels Latitude_Pixels, Longitude_Pixels IMAGE	H5T C S1 H5T C S1 H5T C S1	56 78 6
		dimension label geolocation label CLASS IMAGE SUBCLASS	Number_of_Scans, Number_of_Pixels Latitude_Pixels, Longitude_Pixels IMAGE IMAGE_GRAYSCALE	H5T C S1 H5T C S1 H5T C S1 H5T C S1	56 78 6 16
		dimension label geolocation label CLASS	Number_of_Scans, Number_of_Pixels Latitude_Pixels, Longitude_Pixels IMAGE IMAGE_GRAYSCALE [0,8000]	H5T C S1 H5T C S1 H5T C S1 H5T C S1 H5T STD U16LE	56 78 6
1.007		dimension label geolocation label CLASS IMAGE SUBCLASS	Number_of_Scans, Number_of_Pixels Latitude_Pixels, Longitude_Pixels IMAGE IMAGE_GRAYSCALE	H5T C S1 H5T C S1 H5T C S1 H5T C S1	56 78 6 16
1.007		dimension label geolocation label CLASS IMAGE_SUBCLASS IMAGE_MINMAXRANGE	Number_of_Scans, Number_of_Pixels Latitude_Pixels, Longitude_Pixels IMAGE IMAGE_GRAYSCALE [0,8000]	H5T C S1 H5T C S1 H5T C S1 H5T C S1 H5T STD U16LE	56 78 6 16
1.007		dimension label geolocation label CLASS IMAGE SUBCLASS IMAGE_MINMAXRANGE QF_Pixels_S6 Attributes	Number_of_Scans, Number_of_Pixels Latitude_Pixels, Longitude_Pixels IMAGE IMAGE_GRAYSCALE [0,8000] H5T_STD_U16LE	H5T C S1 H5T C S1 H5T C S1 H5T C S1 H5T STD U16LE Number_of_Scans>	56 78 6 16 4
1.007		dimension label geolocation label CLASS IMAGE SUBCLASS IMAGE_MINMAXRANGE QF_Pixels_S6	Number of Scans, Number of Pixels Latitude Pixels, Longitude Pixels IMAGE IMAGE IMAGE_GRAYSCALE [0,8000] H5T_STD_U16LE Value	H5T C S1 H5T C S1 H5T C S1 H5T C S1 H5T STD U16LE	56 78 6 16
1.007		dimension label geolocation label CLASS IMAGE SUBCLASS IMAGE_MINMAXRANGE QF_Pixels_S6 Attributes Name	Number of Scans, Number of Pixels Latitude Pixels, Longitude Pixels IMAGE IMAGE [0,8000] H5T_STD_U16LE Value Quality Flag of pixel for channel 183.31	H5T C S1 H5T C S1 H5T C S1 H5T C S1 H5T C S1 H5T STD U16LE Number_of_Scansx	56 78 6 16 4 Size
1.007		dimension label geolocation label CLASS IMAGE SUBCLASS IMAGE_MINMAXRANGE QF_Pixels_S6 Attributes Name long_name	Number of Scans, Number of Pixels Latitude Pixels, Longitude Pixels IMAGE IMAGE [0,8000] H5T_STD_U16LE Value Quality Flag of pixel for channel 183.31 +/- 11.0	H5T C S1 H5T STD U16LE Number_of_Scansx Type H5T C S1	56 78 6 16 4 Size
1.007		dimension label geolocation label CLASS IMAGE SUBCLASS IMAGE_MINMAXRANGE QF_Pixels_S6 Attributes Name	Number of Scans, Number of Pixels Latitude Pixels, Longitude Pixels IMAGE IMAGE [0,8000] H5T_STD_U16LE Value Quality Flag of pixel for channel 183.31 +/- 11.0 quality flag	H5T C S1 H5T C S1 H5T C S1 H5T C S1 H5T C S1 H5T STD U16LE Number_of_Scansx	56 78 6 16 4 Size
1.007		dimension label geolocation label CLASS IMAGE SUBCLASS IMAGE_MINMAXRANGE QF_Pixels_S6 Attributes Name long_name	Number of Scans, Number of Pixels Latitude Pixels, Longitude Pixels IMAGE IMAGE [0,8000] H5T_STD_U16LE Value Quality Flag of pixel for channel 183.31 +/- 11.0 quality flag 16-bits array (=0:good/=1:bad):, #15:	H5T C S1 H5T STD U16LE Number_of_Scansx Type H5T C S1	56 78 6 16 4 Size
1.007		dimension label geolocation label CLASS IMAGE SUBCLASS IMAGE_MINMAXRANGE QF_Pixels_S6 Attributes Name long_name	Number_of_Scans, Number_of_Pixels Latitude_Pixels, Longitude_Pixels IMAGE IMAGE IMAGE_GRAYSCALE [0,8000] H5T_STD_U16LE Value Quality Flag of pixel for channel 183.31 +/- 11.0 quality flag 16-bits array (=0:good/=1:bad):, #15: TB validity , #14:sun glint, #13:	H5T C S1 H5T STD U16LE Number_of_Scansx Type H5T C S1	56 78 6 16 4 Size
1.007		dimension label geolocation label CLASS IMAGE SUBCLASS IMAGE_MINMAXRANGE QF_Pixels_S6 Attributes Name long_name	Number_of_Scans, Number_of_Pixels Latitude_Pixels, Longitude_Pixels IMAGE IMAGE IMAGE_GRAYSCALE [0,8000] H5T_STD_U16LE Value Quality Flag of pixel for channel 183.31 +/- 11.0 quality flag 16-bits array (=0:good/=1:bad):, #15: TB validity , #14:sun glint, #13: land/sea contamination, #12:surface	H5T C S1 H5T STD U16LE Number_of_Scansx Type H5T C S1	56 78 6 16 4 Size
1.007	#21	dimension label geolocation label CLASS IMAGE SUBCLASS IMAGE_MINMAXRANGE QF_Pixels_S6 Attributes Name long_name	Number of Scans, Number of Pixels Latitude Pixels, Longitude Pixels IMAGE IMAGE IMAGE_GRAYSCALE [0,8000] H5T_STD_U16LE Value Quality Flag of pixel for channel 183.31 +/- 11.0 quality flag 16-bits array (=0:good/=1:bad):, #15: TB validity , #14:sun glint, #13: land/sea contamination, #12:surface type, #11:On/Off Channel, #10:Level-0	H5T C S1 H5T STD U16LE Number_of_Scansx Type H5T C S1	56 78 6 16 4 Size
1.007	#21	dimension label geolocation label CLASS IMAGE SUBCLASS IMAGE_MINMAXRANGE QF_Pixels_S6 Attributes Name long_name	Number of Scans, Number of Pixels Latitude Pixels, Longitude Pixels IMAGE IMAGE IMAGE GRAYSCALE [0,8000] H5T_STD_U16LE Value Quality Flag of pixel for channel 183.31 +/- 11.0 quality flag 16-bits array (=0:good/=1:bad):, #15: TB validity , #14:sun glint, #13: land/sea contamination, #12:surface type, #11:On/Off Channel, #10:Level-0 Count Saturated, #9:Level-0 Count poor	H5T C S1 H5T STD U16LE Number_of_Scansx Type H5T C S1	56 78 6 16 4 Size
1.007	#21	dimension label geolocation label CLASS IMAGE SUBCLASS IMAGE_MINMAXRANGE QF_Pixels_S6 Attributes Name long_name	Number of Scans, Number of Pixels Latitude Pixels, Longitude Pixels IMAGE IMAGE [0,8000] H5T_STD_U16LE Value Quality Flag of pixel for channel 183.31 +/- 11.0 quality flag 16-bits array (=0:good/=1:bad):, #15: TB validity , #14:sun glint, #13: land/sea contamination, #12:surface type, #11:On/Off Channel, #10:Level-0 Count Saturated, #9:Level-0 Count poor value, #8:geolocation estimation, #7-6:	H5T C S1 H5T STD U16LE Number_of_Scansx Type H5T C S1	56 78 6 16 4 Size
1.007	#21	dimension label geolocation label CLASS IMAGE SUBCLASS IMAGE_MINMAXRANGE QF_Pixels_S6 Attributes Name long_name	Number_of_Scans, Number_of_Pixels Latitude_Pixels, Longitude_Pixels IMAGE IMAGE IMAGE_GRAYSCALE [0,8000] H5T_STD_U16LE Value Quality Flag of pixel for channel 183.31 +/- 11.0 quality flag 16-bits array (=0:good/=1:bad):, #15: TB validity , #14:sun glint, #13: land/sea contamination, #12:surface type, #11:On/Off Channel, #10:Level-0 Count Saturated, #9:Level-0 Count poor value, #8:geolocation estimation, #7-6: calibration flag, #5:hot count error, #4:	H5T C S1 H5T STD U16LE Number_of_Scansx Type H5T C S1	56 78 6 16 4 Size
1.007	#21	dimension label geolocation label CLASS IMAGE SUBCLASS IMAGE_MINMAXRANGE QF_Pixels_S6 Attributes Name long_name	Number of Scans, Number of Pixels Latitude Pixels, Longitude Pixels IMAGE IMAGE IMAGE GRAYSCALE [0,8000] H5T_STD_U16LE Value Quality Flag of pixel for channel 183.31 +/- 11.0 quality flag 16-bits array (=0:good/=1:bad):, #15: TB validity , #14:sun glint, #13: land/sea contamination, #12:surface type, #11:On/Off Channel, #10:Level-0 Count Saturated, #9:Level-0 Count poor value, #8:geolocation estimation, #7-6: calibration flag, #5:hot count error, #4: cold sky count error, #3: interpolation	H5T C S1 H5T STD U16LE Number_of_Scans> Type H5T C S1 H5T C S1	56 78 6 16 4 Size 71 13
1.007	#21	dimension label geolocation label CLASS IMAGE SUBCLASS IMAGE_MINMAXRANGE QF_Pixels_S6 Attributes Name long_name	Number_of_Scans, Number_of_Pixels Latitude_Pixels, Longitude_Pixels IMAGE IMAGE IMAGE_GRAYSCALE [0,8000] H5T_STD_U16LE Value Quality Flag of pixel for channel 183.31 +/- 11.0 quality flag 16-bits array (=0:good/=1:bad):, #15: TB validity , #14:sun glint, #13: land/sea contamination, #12:surface type, #11:On/Off Channel, #10:Level-0 Count Saturated, #9:Level-0 Count poor value, #8:geolocation estimation, #7-6: calibration flag, #5:hot count error, #4:	H5T C S1 H5T STD U16LE Number_of_Scansx Type H5T C S1	56 78 6 16 4 Size
1.007	#21	dimension label geolocation label CLASS IMAGE_SUBCLASS IMAGE_MINMAXRANGE QF_Pixels_S6 Attributes Name long_name standard_name	Number of Scans, Number of Pixels Latitude Pixels, Longitude Pixels IMAGE IMAGE IMAGE GRAYSCALE [0,8000] H5T_STD_U16LE Value Quality Flag of pixel for channel 183.31 +/- 11.0 quality flag 16-bits array (=0:good/=1:bad):, #15: TB validity , #14:sun glint, #13: land/sea contamination, #12:surface type, #11:On/Off Channel, #10:Level-0 Count Saturated, #9:Level-0 Count poor value, #8:geolocation estimation, #7-6: calibration flag, #5:hot count error, #4: cold sky count error, #3: interpolation	H5T C S1 H5T STD U16LE Number_of_Scans> Type H5T C S1 H5T C S1	56 78 6 16 4 Size 71 13
1.007	#21	dimension label geolocation label CLASS IMAGE SUBCLASS IMAGE MINMAXRANGE QF_Pixels_S6 Attributes Name long name standard name comment dimension_label	Number_of_Scans, Number_of_Pixels Latitude_Pixels, Longitude_Pixels IMAGE IMAGE IMAGE_GRAYSCALE [0,8000] H5T_STD_U16LE Value Quality Flag of pixel for channel 183.31 +/- 11.0 quality flag 16-bits array (=0:good/=1:bad):, #15: TB validity , #14:sun glint, #13: land/sea contamination, #12:surface type, #11:On/Off Channel, #10:Level-0 Count Saturated, #9:Level-0 Count poor value, #8:geolocation estimation, #7-6: calibration flag, #5:hot count error, #4: cold sky count error, #3: interpolation quality, #2: Blank, #1-0: Ice flag Number_of_Scans, Number_of_Pixels	H5T C S1 H5T STD U16LE Number_of_Scansx Type H5T C S1 H5T C S1 H5T C S1 H5T C S1	56 78 6 16 4 <i>Size</i> 71 13
1.007	#21	dimension label geolocation label CLASS IMAGE_SUBCLASS IMAGE_MINMAXRANGE QF_Pixels_S6 Attributes Name long_name standard_name comment dimension_label geolocation_label	Number_of_Scans, Number_of_Pixels Latitude_Pixels, Longitude_Pixels IMAGE IMAGE IMAGE_GRAYSCALE [0,8000] H5T_STD_U16LE Value Quality Flag of pixel for channel 183.31 +/- 11.0 quality flag 16-bits array (=0:good/=1:bad):, #15: TB validity , #14:sun glint, #13: land/sea contamination, #12:surface type, #11:On/Off Channel, #10:Level-0 Count Saturated, #9:Level-0 Count poor value, #8:geolocation estimation, #7-6: calibration flag, #5:hot count error, #4: cold sky count error, #3: interpolation quality, #2: Blank, #1-0: Ice flag Number_of_Scans, Number_of_Pixels Latitude_Pixels, Longitude_Pixels	H5T C S1 H5T STD U16LE Number_of_Scans> Type H5T C S1	56 78 6 16 4 <i>Size</i> 71 13
1.007	#21	dimension label geolocation label CLASS IMAGE_SUBCLASS IMAGE_MINMAXRANGE QF_Pixels_S6 Attributes Name long_name standard_name comment dimension_label geolocation_label CLASS	Number_of_Scans, Number_of_Pixels Latitude_Pixels, Longitude_Pixels IMAGE IMAGE IMAGE_GRAYSCALE [0,8000] H5T_STD_U16LE Value Quality Flag of pixel for channel 183.31 +/- 11.0 quality flag 16-bits array (=0:good/=1:bad):, #15: TB validity , #14:sun glint, #13: land/sea contamination, #12:surface type, #11:On/Off Channel, #10:Level-0 Count Saturated, #9:Level-0 Count poor value, #8:geolocation estimation, #7-6: calibration flag, #5:hot count error, #4: cold sky count error, #3: interpolation quality, #2: Blank, #1-0: Ice flag Number_of_Scans, Number_of_Pixels Latitude_Pixels, Longitude_Pixels IMAGE	H5T C S1 H5T STD U16LE Number_of_Scans> Type H5T C S1	56 78 6 16 4 <i>Size</i> 71 13 1 56 78 6
1.007	#21	dimension label geolocation label CLASS IMAGE_SUBCLASS IMAGE_MINMAXRANGE QF_Pixels_S6 Attributes Name long_name standard_name comment dimension_label geolocation_label CLASS IMAGE_SUBCLASS	Number_of_Scans, Number_of_Pixels Latitude_Pixels, Longitude_Pixels IMAGE IMAGE IMAGE_GRAYSCALE [0,8000] H5T_STD_U16LE Value Quality Flag of pixel for channel 183.31 +/- 11.0 quality flag 16-bits array (=0:good/=1:bad):, #15: TB validity , #14:sun glint, #13: land/sea contamination, #12:surface type, #11:On/Off Channel, #10:Level-0 Count Saturated, #9:Level-0 Count poor value, #8:geolocation estimation, #7-6: calibration flag, #5:hot count error, #4: cold sky count error, #3: interpolation quality, #2: Blank, #1-0: Ice flag Number_of_Scans, Number_of_Pixels Latitude_Pixels, Longitude_Pixels IMAGE IM	H5T C S1 H5T STD U16LE Number_of_Scans> Type H5T C S1	56 78 6 16 4 <i>Size</i> 71 13 1 56 78 6 16
1.007	#21	dimension label geolocation label CLASS IMAGE_SUBCLASS IMAGE_MINMAXRANGE QF_Pixels_S6 Attributes Name long_name standard_name comment dimension_label geolocation_label CLASS	Number_of_Scans, Number_of_Pixels Latitude_Pixels, Longitude_Pixels IMAGE IMAGE IMAGE_GRAYSCALE [0,8000] H5T_STD_U16LE Value Quality Flag of pixel for channel 183.31 +/- 11.0 quality flag 16-bits array (=0:good/=1:bad):, #15: TB validity , #14:sun glint, #13: land/sea contamination, #12:surface type, #11:On/Off Channel, #10:Level-0 Count Saturated, #9:Level-0 Count poor value, #8:geolocation estimation, #7-6: calibration flag, #5:hot count error, #4: cold sky count error, #3: interpolation quality, #2: Blank, #1-0: Ice flag Number_of_Scans, Number_of_Pixels Latitude_Pixels, Longitude_Pixels IMAGE	H5T C S1 H5T STD U16LE Number_of_Scans> Type H5T C S1	56 78 6 16 4 <i>Size</i> 71 13 1 56 78 6

САРШР		L1B		
SAPHIR		LTD		
	5			
	Estimated Size	for typical [Number_of_Rows_10km]		
	27.843 Mb	[3837]		
nce data group associated	attributes			
_	_			
Scien	ceData			
		Attributes		
Index	Name	Value	Туре	Size
#1	Product_Identification	MT1SAPSL1B1.00_9_01_I_2012_05_09_000	00 H5T_C_S1	84
#2	Organization_Name	ISRO	H5T_C_S1	5
#3	Property_of_data	ISRO_ and_CNES	H5T_C_S1	15
#4	Satellite_Name	MEGHA-TROPIQUES	H5T_C_S1	16
#5	Payload_Name	SAPHIR	H5T_C_S1	12
#6	Product_Name	Level-1B-segment wise	H5T_C_S1	35
#7	Product_Format	NCSA-HDF	H5T_C_S1	9
#8	Product_Format_Version	HDF5-1.6.4	H5T_C_S1	11
#9	Product_Generation_Date	2012MAI09	H5T_C_S1	10
#10	Imaging_Date	2012MAI09	H5T_C_S1	10
#11	Date_Format	YYYYMMMDD	H5T_C_S1	10
#12	INS_AuxFile_Version	9_01	H5T_C_S1	5
#13	PRO_AuxFile_Version	9_01	H5T_C_S1	5
#14	RAD_AuxFile_Version	9_01	H5T_C_S1	5
#15	GEO_AuxFile_Version	9_01	H5T_C_S1	5
#16 #17	PCS_AuxFile_Version	9_01 9_01	H5T_C_S1	5
#17	SLC_AuxFile_Version GRB AuxFile Version	9 01	H5T_C_S1 H5T_C_S1	5
#10	UCS AuxFile Version	9 01	H5T_C_S1	5
#19	Number of Channels	6	H5T C S1	8
#20	Channel_CentralFrequency	[183.1+/- 0.2 GHz, 183.1+/- 1.1 GHz, 183.1-		110
#21	Channel Bandwith	[200 MHz,350 MHz,500 MHz,700 MHz,1200		52
#23	Sun glint limits	[30,30]degrees	H5T_C_S1	16
#24	Orbit_StartNumber	00001	H5T_C_S1	19
#25	Orbit EndNumber	00001	H5T_C_S1	17
#26	Orbit_Cycle_Number	01	H5T_C_S1	3
#27	SLConf	100001	H5T_C_S1	7
#28	Nskip	0005	H5T_C_S1	5
#29	ProcessorVersion	1.00	H5T_C_S1	5
#30	SAPHIR_QF_Row_Definition	16-bits array (=0:good/=1:bad):, #15: scan,		16x24
#31	SAPHIR_QF_Cell_Definition	16-bits array (=0:good/=1:bad):, #15:TB v		16x24
#32	Skip_StartScanNumber	[00000064,00000165,00000266,00000367,		1*Nskip
#33	Skip_EndScanNumber	[00000066,00000167,00000268,00000370,		1*Nskip
#34	Flip_StartScanNumber	00000012	H5T_C_S1	9
#35	Flip_EndScanNumber	00000042	H5T_C_S1	9
#36	Maneuver_StartScanNumber	00000011	H5T_C_S1	9
#37	Maneuver_EndScanNumber	00000043	H5T_C_S1	9
#38	Number_of_Rows_10km	3837	H5T_C_S1	8
#39	Number_of_Columns_10km	181	H5T_C_S1	8

	#40	Number_of_Processed_Rows	3836	H5T_C_S1	8	
	#41	QF_Product_%Processed_Rows	099	H5T_C_S1	4	
Science data group ele	monto					
Science data group ele	ments					
Estimated size of dataset [Mb]		Index	Name	Туре	Typical Value	
0.007			Row_SAPHIR_QF_10km	H5T_STD_U16LE	Number_of_Rows_:	
			Attributes			
			Name	Value	Туре	Size
			long name	Quality flag applicable to the scan line	H5T C S1	41
		#1		16-bits array (=0:good, =1:bad): #0: scan/row quality flag validity, #1: pass type, #2: Scanning type, #3: Scan/Row error, #4: datation error, #5-#7: Blank, #8: CRC Status, #9: Blank, #10-12: Payload Mode, #13-15:		
			comment	Satellite Mode	H5T C S1	29
		1	dimension label	Number_of_Rows_10km	H5T C S1	20
		1	geolocation label	Row StartTime 10km	H5T C S1	19
0.015			Row_Number_10km	H5T_STD_U32LE	Number_of_Rows_:	
-			Attributes			
			Name	Value	Туре	Size
		#2	long name	Row Number (10km grid)	H5T C S1	29
		1	comment	Row Number (10km grid)	H5T C S1	29
			dimension label	Number of Rows 10km	H5T C S1	26
0.004			Row_FirstCellAcqTime_10km	H5T C S1	Number of Rows	
			Attributes			
			Name	Value	Туре	Size
			long_name	date for the first cell of the row (10km grid)	H5T_C_S1	105
		#3	standard_name	time	H5T_C_S1	5
			units	UTC Time in microseconds	H5T C S1	25
			FillValue	yyyymmdd hhmmssuuuuuu	H5T C S1	22
			comment	format: yyyymmdd hhmmssuuuuuu	H5T C S1	32
			dimension label	Number_of_Rows_10km	H5T C S1	37
1.325			Cell_population_10km_S1	H5T_STD_U16LE	Number_of_Rows_:	
			Attributes			
			Name	Value	Туре	Size
			long name	Cell population for channel S1	H5T C S1	52
			FillValue	65535	H5T C S1	6
			comment	number of samples per Cell	H5T C S1	40
		#4	dimension label	Number_of_Rows_10km, Number_of_Columns_10km	H5T C S1	82
			geolocation_label	Latitude_Cells_10km, Longitude_Cells_10km	H5T_C_S1	88
		-	CLASS	IMAGE	H5T C S1	88 6
		-		IMAGE_GRAYSCALE		
		-	IMAGE SUBCLASS	[0,65535]	H5T C S1	16
1 225			IMAGE MINMAXRANGE		H5T STD U16LE	4
1.325			Cell_population_10km_S2	H5T_STD_U16LE	Number_of_Rows_:	
		#5	Attributes	1/ /	т.	C'
		-	Name	Value	Туре	Size
			long name	Cell population for channel S2	H5T_C_S1	52

		FillValue	65535	H5T C S1	6
		comment	number of samples per Cell	H5T C S1	40
		dimension label	Number_of_Rows_10km, Number_of_Columns_10km	H5T C S1	82
		geolocation_label	Latitude_Cells_10km, Longitude_Cells_10km	H5T_C_S1	88
		CLASS	IMAGE	H5T_C_S1	6
		IMAGE_SUBCLASS	IMAGE_GRAYSCALE	H5T_C_S1	16
		IMAGE MINMAXRANGE	[0,65535]	H5T STD U16LE	4
1.325		Cell_population_10km_S3	H5T_STD_U16LE	Number_of_Rows_	
		Attributes			
		Name	Value	Туре	Size
		long_name	Cell population for channel S3	H5T_C_S1	52
		_FillValue	65535	H5T_C_S1	6
	#6	comment	number of samples per Cell	H5T_C_S1	40
	#6	dimension_label	Number_of_Rows_10km, Number_of_Columns_10km	H5T_C_S1	82
		manta antique to be at	Latitude_Cells_10km,	UET C 61	00
		geolocation_label CLASS	Longitude_Cells_10km IMAGE	H5T_C_S1	88 6
			IMAGE GRAYSCALE	H5T_C_S1	16
		IMAGE_SUBCLASS IMAGE MINMAXRANGE	[0,65535]	H5T_C_S1 H5T_STD_U16LE	
1.325		Cell_population_10km_S4	H5T STD U16LE	Number of Rows	4
1.323		Attributes	H31_31D_010LE	Nulliber_or_Rows_	
		Name	Value	Туре	Size
			Cell population for channel S4	H5T C S1	52
		long name FillValue	65535	H5T C S1	6
		comment	number of samples per Cell	H5T C S1	40
	#7	comment	Number of Rows 10km,	H31_C_31	40
		dimension label	Number of Columns 10km	H5T C S1	82
		_	Latitude_Cells_10km,		
		geolocation label	Longitude Cells 10km	H5T C S1	88
		CLASS		H5T C S1	6
		IMAGE_SUBCLASS	IMAGE_GRAYSCALE [0,65535]	H5T_C_S1	16
1 225		IMAGE_MINMAXRANGE		H5T_STD_U16LE	4
1.325		Cell_population_10km_S5 Attributes	H5T_STD_U16LE	Number_of_Rows_	
		Name	Value	Type	Size
	_		Cell population for channel S5	H5T C S1	
	—	long name FillValue	65535	H5T C S1	52 6
		comment	number of samples per Cell	H5T C S1	40
	#8	dimension label	Number of Samples per Cell Number_of_Rows_10km, Number of Columns 10km	H5T C S1	82
		geolocation label	Latitude_Cells_10km, Longitude_Cells_10km	H5T C S1	88
		CLASS	IMAGE	H5T C S1	6
		IMAGE SUBCLASS	IMAGE_GRAYSCALE	H5T C S1	16
		IMAGE MINMAXRANGE	[0,65535]	H5T STD U16LE	4
1.325		Cell_population_10km_S6	H5T_STD_U16LE	Number_of_Rows_	
		Attributes			
	40	Name	Value	Туре	Size
	#9	long_name	Cell population for channel S6	H5T_C_S1	52
		_FillValue	65535	H5T_C_S1	6
		comment	number of samples per Cell	H5T C S1	40

			I		
			Number_of_Rows_10km,		
	_	dimension_label	Number_of_Columns_10km	H5T_C_S1	82
		geolocation label	Latitude_Cells_10km, Longitude Cells 10km	H5T C S1	88
	-	CLASS	IMAGE	H5T C S1	6
	-		IMAGE GRAYSCALE	H5T C S1	16
	-	IMAGE_SUBCLASS	[0,65535]		
1 225		IMAGE_MINMAXRANGE		H5T_STD_U16LE	4
1.325		Latitude_Cells_10km	H5T_STD_U16LE	Number_of_Rows_:	
	_	Attributes		_	
		Name	Value	Туре	Size
		long_name	latitude of cells (10km grid)	H5T_C_S1	49
		standard_name	latitude	H5T_C_S1	9
		units	degrees	H5T_C_S1	8
		scale_factor	0.01	H5T_C_S1	5
		add_offset	-40	H5T_C_S1	4
	#10	valid range	[-40,40]	H5T C S1	9
		min max	[0,8000]	H5T_C_S1	9
		FillValue	65535	H5T C S1	6
	1	comment	accuracy 1km	H5T C S1	13
			Number of Rows 10km,		
		dimension label	Number of Columns 10km	H5T C S1	56
		CLASS	IMAGE	H5T C S1	6
	-	IMAGE SUBCLASS	IMAGE GRAYSCALE	H5T C S1	16
	-	IMAGE MINMAXRANGE	[0,8000]	H5T STD U16LE	4
1.325		Longitude Cells 10km	H5T STD U16LE	Number of Rows	4
1.323	-	Attributes	1131_31D_010EE	Nullibel_ol_Nows	
	-	Name	Value	Tuno	Size
	-			Type	
	_	long name	longitude of cells (10km grid)	H5T C S1	50
	_	standard name	longitude	H5T C S1	10
	-	units	degrees	H5T_C_S1	8
		scale_factor	0.01	H5T_C_S1	5
		add_offset	0.0	H5T_C_S1	4
	#11	valid_range	[0,360]	H5T_C_S1	8
	,, 11	min_max	[0,36000]	H5T_C_S1	10
		_FillValue	65535	H5T_C_S1	6
			Longitude [0,360]: 0 is Greenwich		
		comment	meridian (accuracy 1km)	H5T C S1	59
			Number of Rows 10km,		
		dimension label	Number_of_Columns_10km	H5T C S1	56
		CLASS	IMAGE	H5T C S1	6
		IMAGE SUBCLASS	IMAGE GRAYSCALE	H5T C S1	16
		IMAGE MINMAXRANGE	[0,36000]	H5T STD U16LE	4
1.325		IncidenceAngle Cells 10km	H5T STD I16LE	Number of Rows	·
		Attributes			
		Name	Value	Type	Size
	-		Incidence angle at the center of the cell		83
		long name	incidence angle	H5T C S1	16
		standard name			I D
	#12	standard name			
	#12	units	degrees	H5T C S1	8
	#12	units scale factor	degrees 0.01	H5T C S1 H5T C S1	8 5
	#12	units scale factor valid_range	degrees 0.01 [0.0,51.0]	H5T C S1 H5T C S1 H5T C S1	8 5 11
	#12	units scale factor	degrees 0.01	H5T C S1 H5T C S1	8 5

			Number of Rows 10km,		
		dimension label	Number of Columns 10km	H5T C S1	78
		geolocation label	Latitude 10km, Longitude 10km	H5T C S1	64
		CLASS	IMAGE		6
			IMAGE GRAYSCALE	H5T C S1	
		IMAGE SUBCLASS		H5T C S1	16
1 225		IMAGE MINMAXRANGE	[-4296,4296]	H5T STD I16LE	4
1.325		TB_Cells_S1	H5T_STD_U16LE	Number_of_Rows_	
		Attributes	14.1		C'
		Name	Value	Туре	Size
		long_name	Pixels brightness temperatures at S1	H5T_C_S1	63
		standard_name	brightness_temperature	H5T_C_S1	23
		units	Kelvin	H5T_C_S1	7
		scale factor	0.01	H5T C S1	5
		add offset	0.0	H5T C S1	4
		valid_range	[0,400]	H5T_C_S1	8
		min_max	[0,40000]	H5T_C_S1	10
	#13	_FillValue	65535	H5T_C_S1	6
	#13	quality_flag	QF_cells_S1	H5T_C_S1	52
		comment	TB interpolated on all-instruments common grid (10km grid) (see additionnal geometrical information in attributes of SAPHIR)	H5T_C_S1	149
		dimension label	Number_of_Rows_10km, Number_of_Columns_10km	H5T C S1	82
		geolocation_label	Latitude_Cells_10km, Longitude_Cells_10km	H5T C S1	88
		CLASS	IMAGE	H5T C S1	6
		IMAGE SUBCLASS	IMAGE GRAYSCALE	H5T C S1	16
1 225		IMAGE_MINMAXRANGE TB Cells S2	[0,40000] H5T STD U16LE	H5T_STD_U16LE	4
1.325			H31_31D_010LE	Number_of_Rows_	
		Attributes	Value	T	Size
		Name		Type	
		long_name	Pixels brightness temperatures at S2	H5T_C_S1	63
		standard_name	brightness_temperature	H5T_C_S1	23
		units	Kelvin	H5T_C_S1	7
		scale_factor	0.01	H5T_C_S1	5
		add_offset	0.0	H5T_C_S1	4
		valid_range	[0,400]	H5T_C_S1	8
		min max	[0,40000]	H5T C S1	10
	#14	FillValue	65535	H5T C S1	6
	# 14	quality flag	QF_cells_S2	H5T C S1	52
		comment	TB interpolated on all-instruments common grid (10km grid) (see additionnal geometrical information in attributes of SAPHIR)	H5T C S1	149
		dimension_label	Number_of_Rows_10km, Number_of_Columns_10km	H5T_C_S1	82
		goologation Jahol	Latitude_Cells_10km,	UST C C1	00
		geolocation label	Longitude Cells 10km IMAGE	H5T C S1	88
		CLASS		H5T_C_S1	6
		IMAGE_SUBCLASS	IMAGE_GRAYSCALE	H5T_C_S1	16
1 225		IMAGE_MINMAXRANGE	[0,40000]	H5T_STD_U16LE	4
1.325		TB_Cells_S3	H5T_STD_U16LE	Number_of_Rows_:	
	#15	Attributes			
		Name	Value	Туре	Size

		lang name	Pixels brightness temperatures at S3	LIET C C1	63
		long_name	brightness temperature	H5T_C_S1	63
		standard_name		H5T_C_S1	23
		units	Kelvin	H5T_C_S1	7
		scale factor	0.01	H5T C S1	5
		add offset	0.0	H5T C S1	4
		valid_range	[0,400]	H5T_C_S1	8
		min_max	[0,40000]	H5T_C_S1	10
		_FillValue	65535	H5T_C_S1	6
		quality_flag	QF_cells_S3	H5T_C_S1	52
		comment	TB interpolated on all-instruments common grid (10km grid) (see additionnal geometrical information in attributes of SAPHIR)	H5T_C_S1	149
		dimension label	Number_of_Rows_10km, Number_of_Columns_10km Latitude Cells 10km,	H5T C S1	82
		geolocation_label	Longitude_Cells_10km	H5T_C_S1	88
		CLASS	IMAGE	H5T_C_S1	6
		IMAGE_SUBCLASS	IMAGE_GRAYSCALE	H5T_C_S1	16
		IMAGE_MINMAXRANGE	[0,40000]	H5T_STD_U16LE	4
1.325		TB_Cells_S4	H5T_STD_U16LE	Number_of_Rows_:	
		Attributes	_		
		Name	Value	Туре	Size
		long name	Pixels brightness temperatures at S4	H5T C S1	63
		standard name	brightness temperature	H5T C S1	23
		units	Kelvin	H5T C S1	7
		scale factor	0.01	H5T C S1	5
		add offset	0.0	H5T C S1	4
		valid_range	[0,400]	H5T C S1	8
		min max	[0,40000]	H5T C S1	10
		FillValue	65535	H5T C S1	6
	#16	quality flag	QF cells S4	H5T C S1	52
		comment	TB interpolated on all-instruments common grid (10km grid) (see additionnal geometrical information in attributes of SAPHIR)	H5T_C_S1	149
		dimension label	Number_of_Rows_10km, Number_of_Columns_10km	H5T C S1	82
		dimension_raper	Latitude Cells 10km,		<u> </u>
		geolocation label	Longitude Cells 10km	H5T C S1	88
		CLASS	IMAGE	H5T C S1	6
		IMAGE SUBCLASS	IMAGE_GRAYSCALE	H5T C S1	16
		IMAGE MINMAXRANGE	[0,40000]	H5T STD U16LE	4
1.325		TB Cells S5	H5T_STD_U16LE	Number of Rows	
		Attributes			
		Name	Value	Туре	Size
		long name	Pixels brightness temperatures at S5	H5T C S1	63
		standard name	brightness temperature	H5T C S1	23
		units	Kelvin	H5T C S1	7
	#17	scale factor	0.01	H5T C S1	5
		add offset	0.0	H5T C S1	4
		valid range	[0,400]	H5T C S1	8
		min_max	[0,4000]	H5T C S1	10
		FillValue	65535	H5T C S1	6
	—	quality_flag	QF cells S5	H5T_C_S1	52

			TB interpolated on all-instruments			
			common grid (10km grid) (see			
			additionnal geometrical information in	LIET C C1	1.40	
		comment	attributes of SAPHIR)	H5T_C_S1	149	
			Number_of_Rows_10km,			
		dimension label	Number_of_Columns_10km	H5T C S1	82	
			Latitude_Cells_10km,			
		geolocation_label	Longitude_Cells_10km	H5T_C_S1	88	
		CLASS	IMAGE	H5T_C_S1	6	
		IMAGE_SUBCLASS	IMAGE_GRAYSCALE	H5T_C_S1	16	
		IMAGE MINMAXRANGE	[0,40000]	H5T STD U16LE	4	
1.325		TB Cells S6	H5T_STD_U16LE	Number_of_Rows_		
		Attributes				
		Name	Value	Туре	Size	
	-	long name	Pixels brightness temperatures at S6	H5T C S1	63	
	-		brightness temperature		23	
	_	standard_name		H5T_C_S1		
		units	Kelvin	H5T_C_S1	7	
		scale_factor	0.01	H5T_C_S1	5	
		add_offset	0.0	H5T_C_S1	4	
		valid_range	[0,400]	H5T_C_S1	8	
		min max	[0,40000]	H5T C S1	10	
	"""	FillValue	65535	H5T C S1	6	
	#18	quality flag	QF cells S6	H5T C S1	52	
	-	- Guanty_nag	TB interpolated on all-instruments	1131 6 31	32	
			common grid (10km grid) (see			
			additionnal geometrical information in			
		comment	attributes of SAPHIR)	H5T C S1	149	
			Number of Rows 10km,			
		dimension label	Number_of_Columns_10km	H5T C S1	82	
	-	amenora_raser	Latitude Cells 10km,			
		geolocation label	Longitude Cells 10km	H5T C S1	88	
		CLASS	IMAGE	H5T C S1	6	
	-	IMAGE SUBCLASS	IMAGE GRAYSCALE	H5T C S1	16	
		IMAGE MINMAXRANGE	[0,40000]	H5T STD U16LE	4	
1.325		QF Cells S1	H5T STD U16LE	Number of Rows	4	
1.323			HOT_STD_OTOLE	Nullibel_ol_Rows		
		Attributes		_	C1	
		<u>Name</u>	Value	Туре	Size	
		long name	Quality Flag of cell for channel S1	H5T C S1	84	
		standard name	quality flag	H5T_C_S1	13	
			16-bits array: #0:quality flag validity,			
			#1:sun glint, #2:land/sea			
			contamination, #3:surface type, #4:TB			
			validity, #5:Level-0 Count Saturated,			
			#6:Level-0 Count poor value, #7:			
	#10		geolocation estimation, #8:calibration			
	#19		failure, #9:partial calibration, #10:hot			
			count error, #11:cold sky count error,			
			#12:interpolation quality, #13: Blank,			
		comment	#14 to #15: Ice flag	H5T C S1	358	
	1		Number of Rows 10km,			
		dimension label	Number_of_Columns_10km	H5T C S1	82	
	-	difficusion_label	Latitude Cells 10km,	1131_C_31	UZ.	
		geolocation label	Longitude Cells 10km	H5T C S1	88	
	1	CLASS	IMAGE	H5T C S1	6	
	-	IMAGE SUBCLASS	IMAGE GRAYSCALE	H5T C S1	16	
	-					
		IMAGE_MINMAXRANGE	[0,8000]	H5T_STD_U16LE	4	

1.325		QF_Cells_S2	H5T STD U16LE	Number of Rows	
1.020		Attributes	1101_010_0101		
		Name	Value	Type	Size
		long name	Quality Flag of cell for channel S2	H5T C S1	84
		standard name	quality flag	H5T C S1	13
	#20		16-bits array: #0:quality flag validity, #1:sun glint, #2:land/sea contamination, #3:surface type, #4:TB validity, #5:Level-0 Count Saturated, #6:Level-0 Count poor value, #7: geolocation estimation, #8:calibration failure, #9:partial calibration, #10:hot count error, #11:cold sky count error, #12:interpolation quality, #13: Blank,		
		comment	#14 to #15: Ice flag	H5T C S1	358
		dimension label	Number_of_Rows_10km, Number_of_Columns_10km	H5T C S1	82
		geolocation_label	Latitude_Cells_10km, Longitude_Cells_10km	H5T_C_S1	88
		CLASS	IMAGE	H5T C S1	6
		IMAGE SUBCLASS	IMAGE_GRAYSCALE	H5T C S1	16
		IMAGE_MINMAXRANGE	[0,8000]	H5T_STD_U16LE	4
1.325		QF_Cells_S3	H5T_STD_U16LE	Number_of_Rows_:	
		Attributes			
		Name	Value	Туре	Size
		long_name	Quality Flag of cell for channel S3	H5T_C_S1	84
		standard_name	quality flag	H5T_C_S1	13
	#21	comment	16-bits array: #0:quality flag validity, #1:sun glint, #2:land/sea contamination, #3:surface type, #4:TB validity, #5:Level-0 Count Saturated, #6:Level-0 Count poor value, #7: geolocation estimation, #8:calibration failure, #9:partial calibration, #10:hot count error, #11:cold sky count error, #12:interpolation quality, #13: Blank, #14 to #15: Ice flag	H5T C S1	358
		comment	Number of Rows 10km,	1131_C_31	220
		dimension label	Number_of_Columns_10km Latitude Cells 10km,	H5T C S1	82
		geolocation label	Latitude_Cells_10km	H5T C S1	88
		CLASS	IMAGE	H5T C S1	6
		IMAGE SUBCLASS	IMAGE GRAYSCALE	H5T C S1	16
		IMAGE MINMAXRANGE	[0,8000]	H5T STD U16LE	4
1.325		QF Cells S4	H5T STD U16LE	Number of Rows	
		Attributes			
	#22	Name	Value	Туре	Size
	"	long name	Quality Flag of cell for channel S4	H5T C S1	84

			16-bits array: #0:quality flag validity,			
			#1:sun glint, #2:land/sea			
			contamination, #3:surface type, #4:TB			
			validity, #5:Level-0 Count Saturated,			
			#6:Level-0 Count poor value, #7:			
			geolocation estimation, #8:calibration			
			failure, #9:partial calibration, #10:hot			
			count error, #11:cold sky count error,			
			#12:interpolation quality, #13: Blank,			
		,	#14 to #15: Ice flag	LIET C C1	250	
		comment	<u> </u>	H5T_C_S1	358	
			Number of Rows 10km,			
		dimension label	Number of Columns 10km	H5T C S1	82	
	-		Latitude Cells 10km,	1.00_01	- 02	
		geolocation label	Longitude Cells 10km	H5T_C_S1	88	
		CLASS	IMAGE	H5T_C_S1	6	
		IMAGE SUBCLASS	IMAGE_GRAYSCALE	H5T C S1	16	
		IMAGE_MINMAXRANGE	[0.8000]	H5T STD U16LE	4	
1.325		QF Cells S5	H5T STD U16LE	Number of Rows		
-10-0		Attributes				
	-	Name	Value	Туре	Size	
	-		Quality Flag of cell for channel S5		84	
	_	long name	quality flag	H5T C S1		
		standard_name	1 , 3	H5T_C_S1	13	
			16-bits array: #0:quality flag validity,			
			#1:sun glint, #2:land/sea			
			contamination, #3:surface type, #4:TB			
			validity, #5:Level-0 Count Saturated,			
			#6:Level-0 Count poor value, #7:			
			geolocation estimation, #8:calibration			
	#23		failure, #9:partial calibration, #10:hot			
			count error, #11:cold sky count error,			
			#12:interpolation quality, #13: Blank,			
		comment	#14 to #15: Ice flag	H5T C S1	358	
			Number of Rows 10km,			
		dimension label	Number_of_Columns_10km	LIET C C1	00	
	_	dimension_label		H5T_C_S1	82	
			Latitude_Cells_10km,			
		geolocation label	Longitude Cells 10km	H5T C S1	88	
		CLASS	IMAGE	H5T C S1	6	
		IMAGE_SUBCLASS	IMAGE_GRAYSCALE	H5T_C_S1	16	
		IMAGE MINMAXRANGE	[0,8000]	H5T STD U16LE	4	
1.325		QF_Cells_S6	H5T_STD_U16LE	Number_of_Rows_:		
]	Attributes				
	1	Name	Value	Туре	Size	
	1	long name	Quality Flag of cell for channel S6	H5T C S1	84	
	-	standard name	quality flag	H5T C S1	13	
	-	June 10 110 110		1.51_0_51	13	
			16-bits array: #0:quality flag validity,			
			#1:sun glint, #2:land/sea			
	#24		contamination, #3:surface type, #4:TB			
	#24		validity, #5:Level-0 Count Saturated,			
			#6:Level-0 Count poor value, #7:			
			geolocation estimation, #8:calibration			
			failure, #9:partial calibration, #10:hot			
			count error, #11:cold sky count error,			
			#12:interpolation quality, #13: Blank,			
			#14 to #15: Ice flag	LIET C C1	250	
	-	comment		H5T_C_S1	358	
			Number_of_Rows_10km,			
		dimension label	Number_of_Columns_10km	H5T C S1	82	I
			1			

		Latitude_Cells_10km,			
	geolocation_label	Longitude_Cells_10km	H5T_C_S1	88	i
	CLASS	IMAGE	H5T_C_S1	6	i
	IMAGE_SUBCLASS	IMAGE_GRAYSCALE	H5T_C_S1	16	i
	IMAGE_MINMAXRANGE	[0,8000]	H5T_STD_U16LE	4	ı