

IASI L0 and L1 Daily Monitoring Report Metop-A

IASI monitoring team

11/11/2018 00:00:00 - 12/11/2018 00:00:00

1 Introduction

This report provides summary monitoring plots and figures from IASI instrument on the MetOp-A satellite retrieved from the IASI L0 and L1 ENG product (3 minute data packet) for 11/11/2018 00:00:00 - 12/11/2018 00:00:00 .

The monitoring data are extracted on PDU basis.

Data extraction, calibration, processing and statistics are performed at EUMETSAT.

2 Data quantity 11/11/2018 00:00:00 - 12/11/2018 00:00:00

Product Type	Number	Action
L0 HKTM PDUs	259	e
L0 IASI PDUs	150	e
L1 ENG PDUs	255	e
L1 ENG distinct GEPSGranule	255	a
L1 DPX PDUs (RM: IASI-HIRS)	0	e
L1 DPS Files (RM: OBS-CAL NWP based)	0	e

Table 1: Data quantity

APID	Seq from	Seq to	Time from	Time to
PX1 (130)	4059	4067	20181111052421.167	20181111052422.897
PX1 (130)	4067	4070	20181111052422.897	20181111052423.546
PX1 (130)	4070	4303	20181111052423.546	20181111052526.030
PX1 (130)	4351	4353	20181111052539.436	20181111052539.866
PX1 (130)	4384	4386	20181111052548.085	20181111052548.514
PX1 (130)	4406	4408	20181111052554.354	20181111052554.788
PX1 (130)	4408	4570	20181111052554.788	20181111052637.378
PX1 (130)	7492	7570	20181111053935.950	20181111053957.356
PX1 (130)	7583	7610	20181111054000.169	20181111054007.516
PX1 (130)	7614	7617	20181111054009.895	20181111054010.544
PX1 (130)	7617	7619	20181111054010.544	20181111054010.977
PX1 (130)	7620	7622	20181111054011.192	20181111054011.626
PX1 (130)	7622	7624	20181111054011.626	20181111054012.059
PX1 (130)	7636	7638	20181111054014.653	20181111054015.083
PX1 (130)	7641	7645	20181111054015.735	20181111054018.110

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APID	Seq from	Seq to	Time from	Time to
PX1 (130)	7647	7649	20181111054018.544	20181111054018.977
PX1 (130)	7651	7654	20181111054019.411	20181111054020.059
PX1 (130)	7656	7949	20181111054020.489	20181111054138.973
PX1 (130)	7985	7998	20181111054148.282	20181111054151.106
PX1 (130)	8005	8012	20181111054154.145	20181111054155.661
PX1 (130)	8012	8014	20181111054155.661	20181111054156.094
PX1 (130)	8017	8022	20181111054156.743	20181111054157.821
PX1 (130)	8024	8034	20181111054158.254	20181111054201.930
PX1 (130)	8037	8394	20181111054202.579	20181111054337.926
PX1 (130)	8540	8561	20181111054415.547	20181111054421.602
PX1 (130)	8561	8563	20181111054421.602	20181111054422.035
PX1 (130)	8588	8729	20181111054428.953	20181111054507.004
PX1 (130)	8743	8745	20181111054510.031	20181111054510.465
PX1 (130)	8745	8747	20181111054510.465	20181111054510.898
PX1 (130)	8747	8749	20181111054510.898	20181111054511.328
PX1 (130)	8749	8751	20181111054511.328	20181111054511.762
PX1 (130)	8751	8753	20181111054511.762	20181111054512.195
PX1 (130)	8807	8809	20181111054526.895	20181111054527.328
PX1 (130)	8810	8973	20181111054527.547	20181111054611.867
PX1 (130)	10893	10895	20181111055443.854	20181111055444.284
PX1 (130)	10898	10900	20181111055444.936	20181111055445.366
PX1 (130)	10928	10930	20181111055452.932	20181111055453.366
PX1 (130)	11192	11194	20181111055603.635	20181111055604.069
PX1 (130)	11227	11229	20181111055612.717	20181111055613.147
PX1 (130)	11229	11231	20181111055613.147	20181111055613.581
PX1 (130)	11255	11257	20181111055620.284	20181111055620.717
PX1 (130)	11258	11260	20181111055620.932	20181111055621.366
PX1 (130)	11261	11263	20181111055621.581	20181111055622.010
PX1 (130)	11265	11267	20181111055622.444	20181111055622.877
PX1 (130)	11269	11271	20181111055623.311	20181111055623.741
PX1 (130)	11295	11297	20181111055630.444	20181111055630.877
PX1 (130)	11297	11299	20181111055630.877	20181111055631.311
PX1 (130)	11301	11304	20181111055631.741	20181111055633.905
PX1 (130)	11335	11337	20181111055642.120	20181111055642.553
PX1 (130)	11337	11340	20181111055642.553	20181111055643.202
PX1 (130)	11340	11344	20181111055643.202	20181111055644.065
PX1 (130)	11344	11347	20181111055644.065	20181111055644.717
PX1 (130)	11373	11375	20181111055651.850	20181111055652.280
PX1 (130)	11375	11377	20181111055652.280	20181111055652.713
PX1 (130)	11377	11380	20181111055652.713	20181111055653.362
PX1 (130)	11380	11385	20181111055653.362	20181111055654.444
PX1 (130)	11404	11406	20181111055700.065	20181111055700.498
PX1 (130)	11409	11411	20181111055701.147	20181111055701.581
PX1 (130)	11411	11414	20181111055701.581	20181111055702.229
PX1 (130)	11414	11424	20181111055702.229	20181111055705.905
PX1 (130)	11451	11457	20181111055711.741	20181111055714.553
PX1 (130)	11458	11460	20181111055714.768	20181111055715.202
PX1 (130)	11461	11463	20181111055715.416	20181111055715.850
PX1 (130)	11486	11494	20181111055722.334	20181111055724.065
PX1 (130)	11496	11499	20181111055724.498	20181111055725.147
PX1 (130)	11524	11526	20181111055732.065	20181111055732.498
PX1 (130)	11526	11529	20181111055732.498	20181111055733.147
PX1 (130)	11529	11533	20181111055733.147	20181111055734.010

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APID	Seq from	Seq to	Time from	Time to
PX1 (130)	11534	11541	20181111055734.225	20181111055735.741
PX1 (130)	11561	11563	20181111055741.577	20181111055742.010
PX1 (130)	11563	11566	20181111055742.010	20181111055742.659
PX1 (130)	11566	11575	20181111055742.659	20181111055746.119
PX1 (130)	11576	11578	20181111055746.334	20181111055746.768
PX1 (130)	11579	11581	20181111055746.983	20181111055747.416
PX1 (130)	11603	11620	20181111055752.174	20181111055757.362
PX1 (130)	11620	11623	20181111055757.362	20181111055758.010
PX1 (130)	11634	11636	20181111055801.901	20181111055802.334
PX1 (130)	11638	11661	20181111055802.768	20181111055807.741
PX1 (130)	11661	11663	20181111055807.741	20181111055808.174
PX1 (130)	11677	11679	20181111055812.713	20181111055813.143
PX1 (130)	11681	11695	20181111055813.576	20181111055818.119
PX1 (130)	11724	11728	20181111055825.901	20181111055826.768
PX1 (130)	11729	11731	20181111055826.983	20181111055827.416
PX1 (130)	11760	11762	20181111055835.197	20181111055835.631
PX1 (130)	11767	11769	20181111055836.713	20181111055837.143
PX1 (130)	11780	11782	20181111055839.522	20181111055839.955
PX1 (130)	11882	11884	20181111055907.631	20181111055908.061
PX1 (130)	11927	11929	20181111055918.873	20181111055919.303
PX1 (130)	15957	15959	20181111061714.554	20181111061714.988
PX1 (130)	15962	15964	20181111061715.632	20181111061716.066
PX1 (130)	15977	15979	20181111061718.879	20181111061719.312
PX1 (130)	15979	16021	20181111061719.312	20181111061731.418
PX2 (135)	4054	4056	20181111052420.085	20181111052420.518
PX2 (135)	4057	4069	20181111052420.737	20181111052423.327
PX2 (135)	4069	4303	20181111052423.327	20181111052526.030
PX2 (135)	4406	4570	20181111052554.354	20181111052637.378
PX2 (135)	7492	7570	20181111053935.950	20181111053957.356
PX2 (135)	7583	7610	20181111054000.169	20181111054007.516
PX2 (135)	7620	7625	20181111054011.192	20181111054012.274
PX2 (135)	7625	7627	20181111054012.274	20181111054012.708
PX2 (135)	7628	7630	20181111054012.923	20181111054013.356
PX2 (135)	7636	7638	20181111054014.653	20181111054015.083
PX2 (135)	7640	7643	20181111054015.516	20181111054016.165
PX2 (135)	7644	7646	20181111054017.895	20181111054018.329
PX2 (135)	7650	7654	20181111054019.192	20181111054020.059
PX2 (135)	7654	7657	20181111054020.059	20181111054020.708
PX2 (135)	7657	7949	20181111054020.708	20181111054138.973
PX2 (135)	7986	7999	20181111054148.497	20181111054151.321
PX2 (135)	8004	8013	20181111054153.930	20181111054155.875
PX2 (135)	8014	8016	20181111054156.094	20181111054156.524
PX2 (135)	8016	8018	20181111054156.524	20181111054156.958
PX2 (135)	8018	8020	20181111054156.958	20181111054157.391
PX2 (135)	8020	8023	20181111054157.391	20181111054158.040
PX2 (135)	8025	8034	20181111054158.469	20181111054201.930
PX2 (135)	8036	8394	20181111054202.360	20181111054337.926
PX2 (135)	8539	8562	20181111054415.332	20181111054421.817
PX2 (135)	8569	8571	20181111054423.332	20181111054423.762
PX2 (135)	8586	8588	20181111054428.520	20181111054428.953
PX2 (135)	8588	8729	20181111054428.953	20181111054507.004
PX2 (135)	8740	8743	20181111054509.383	20181111054510.031
PX2 (135)	8743	8746	20181111054510.031	20181111054510.680

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APID	Seq from	Seq to	Time from	Time to
PX2 (135)	8797	8799	20181111054524.738	20181111054525.168
PX2 (135)	8804	8806	20181111054526.250	20181111054526.680
PX2 (135)	8810	8972	20181111054527.547	20181111054611.652
PX2 (135)	10787	10789	20181111055414.882	20181111055415.311
PX2 (135)	10893	10896	20181111055443.854	20181111055444.503
PX2 (135)	10969	10971	20181111055503.311	20181111055503.745
PX2 (135)	11223	11225	20181111055611.850	20181111055612.284
PX2 (135)	11227	11229	20181111055612.717	20181111055613.147
PX2 (135)	11265	11267	20181111055622.444	20181111055622.877
PX2 (135)	11299	11301	20181111055631.311	20181111055631.741
PX2 (135)	11333	11337	20181111055640.174	20181111055642.553
PX2 (135)	11337	11339	20181111055642.553	20181111055642.987
PX2 (135)	11340	11344	20181111055643.202	20181111055644.065
PX2 (135)	11344	11346	20181111055644.065	20181111055644.499
PX2 (135)	11368	11371	20181111055650.768	20181111055651.416
PX2 (135)	11372	11374	20181111055651.635	20181111055652.065
PX2 (135)	11374	11377	20181111055652.065	20181111055652.713
PX2 (135)	11377	11380	20181111055652.713	20181111055653.362
PX2 (135)	11380	11383	20181111055653.362	20181111055654.010
PX2 (135)	11383	11385	20181111055654.010	20181111055654.444
PX2 (135)	11409	11411	20181111055701.147	20181111055701.581
PX2 (135)	11411	11424	20181111055701.581	20181111055705.905
PX2 (135)	11448	11450	20181111055711.092	20181111055711.526
PX2 (135)	11450	11455	20181111055711.526	20181111055714.120
PX2 (135)	11455	11458	20181111055714.120	20181111055714.768
PX2 (135)	11458	11461	20181111055714.768	20181111055715.416
PX2 (135)	11485	11487	20181111055722.120	20181111055722.549
PX2 (135)	11487	11496	20181111055722.549	20181111055724.498
PX2 (135)	11496	11499	20181111055724.498	20181111055725.147
PX2 (135)	11525	11528	20181111055732.280	20181111055732.928
PX2 (135)	11528	11530	20181111055732.928	20181111055733.362
PX2 (135)	11532	11535	20181111055733.795	20181111055734.444
PX2 (135)	11535	11538	20181111055734.444	20181111055735.092
PX2 (135)	11539	11541	20181111055735.307	20181111055735.741
PX2 (135)	11542	11544	20181111055735.955	20181111055737.905
PX2 (135)	11544	11546	20181111055737.905	20181111055738.334
PX2 (135)	11559	11561	20181111055741.147	20181111055741.577
PX2 (135)	11562	11564	20181111055741.795	20181111055742.229
PX2 (135)	11565	11574	20181111055742.444	20181111055745.901
PX2 (135)	11576	11578	20181111055746.334	20181111055746.768
PX2 (135)	11579	11581	20181111055746.983	20181111055747.416
PX2 (135)	11602	11618	20181111055751.955	20181111055756.928
PX2 (135)	11618	11621	20181111055756.928	20181111055757.576
PX2 (135)	11622	11624	20181111055757.795	20181111055758.225
PX2 (135)	11637	11639	20181111055802.549	20181111055802.983
PX2 (135)	11639	11661	20181111055802.983	20181111055807.741
PX2 (135)	11661	11663	20181111055807.741	20181111055808.174
PX2 (135)	11680	11682	20181111055813.362	20181111055813.795
PX2 (135)	11682	11684	20181111055813.795	20181111055814.225
PX2 (135)	11684	11694	20181111055814.225	20181111055817.901
PX2 (135)	11724	11728	20181111055825.901	20181111055826.768
PX2 (135)	11729	11731	20181111055826.983	20181111055827.416
PX2 (135)	11731	11734	20181111055827.416	20181111055828.065

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APID	Seq from	Seq to	Time from	Time to
PX2 (135)	11766	11768	20181111055836.494	20181111055836.928
PX2 (135)	11769	11771	20181111055837.143	20181111055837.576
PX2 (135)	11773	11775	20181111055838.010	20181111055838.440
PX2 (135)	11894	11896	20181111055910.225	20181111055910.654
PX2 (135)	11896	11898	20181111055910.654	20181111055911.088
PX2 (135)	15962	15964	20181111061715.632	20181111061716.066
PX2 (135)	15976	16019	20181111061718.660	20181111061730.988
PX3 (140)	4058	4069	20181111052420.952	20181111052423.327
PX3 (140)	4071	4303	20181111052423.761	20181111052526.030
PX3 (140)	4408	4570	20181111052554.788	20181111052637.378
PX3 (140)	7492	7570	20181111053935.950	20181111053957.356
PX3 (140)	7583	7610	20181111054000.169	20181111054007.516
PX3 (140)	7610	7612	20181111054007.516	20181111054007.950
PX3 (140)	7612	7614	20181111054007.950	20181111054009.895
PX3 (140)	7621	7624	20181111054011.411	20181111054012.059
PX3 (140)	7625	7627	20181111054012.274	20181111054012.708
PX3 (140)	7627	7629	20181111054012.708	20181111054013.141
PX3 (140)	7629	7632	20181111054013.141	20181111054013.786
PX3 (140)	7632	7634	20181111054013.786	20181111054014.219
PX3 (140)	7641	7644	20181111054015.735	20181111054017.895
PX3 (140)	7650	7654	20181111054019.192	20181111054020.059
PX3 (140)	7656	7948	20181111054020.489	20181111054138.758
PX3 (140)	7985	7998	20181111054148.282	20181111054151.106
PX3 (140)	8004	8012	20181111054153.930	20181111054155.661
PX3 (140)	8012	8014	20181111054155.661	20181111054156.094
PX3 (140)	8015	8018	20181111054156.309	20181111054156.958
PX3 (140)	8020	8022	20181111054157.391	20181111054157.821
PX3 (140)	8023	8026	20181111054158.040	20181111054158.688
PX3 (140)	8026	8034	20181111054158.688	20181111054201.930
PX3 (140)	8036	8394	20181111054202.360	20181111054337.926
PX3 (140)	8540	8559	20181111054415.547	20181111054421.168
PX3 (140)	8559	8563	20181111054421.168	20181111054422.035
PX3 (140)	8563	8565	20181111054422.035	20181111054422.465
PX3 (140)	8568	8570	20181111054423.113	20181111054423.547
PX3 (140)	8572	8574	20181111054423.981	20181111054425.926
PX3 (140)	8589	8729	20181111054429.168	20181111054507.004
PX3 (140)	8742	8744	20181111054509.816	20181111054510.250
PX3 (140)	8748	8751	20181111054511.113	20181111054511.762
PX3 (140)	8808	8810	20181111054527.113	20181111054527.547
PX3 (140)	8810	8972	20181111054527.547	20181111054611.652
PX3 (140)	10712	10714	20181111055355.640	20181111055356.073
PX3 (140)	10854	10856	20181111055433.909	20181111055434.339
PX3 (140)	10861	10863	20181111055435.421	20181111055435.854
PX3 (140)	10894	10896	20181111055444.069	20181111055444.503
PX3 (140)	10931	10933	20181111055453.585	20181111055454.014
PX3 (140)	11186	11188	20181111055602.338	20181111055602.772
PX3 (140)	11219	11221	20181111055610.987	20181111055611.420
PX3 (140)	11221	11223	20181111055611.420	20181111055611.850
PX3 (140)	11263	11266	20181111055622.010	20181111055622.663
PX3 (140)	11307	11309	20181111055634.553	20181111055634.983
PX3 (140)	11333	11335	20181111055640.174	20181111055642.120
PX3 (140)	11338	11340	20181111055642.768	20181111055643.202
PX3 (140)	11340	11345	20181111055643.202	20181111055644.284

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APID	Seq from	Seq to	Time from	Time to
PX3 (140)	11375	11377	20181111055652.280	20181111055652.713
PX3 (140)	11377	11382	20181111055652.713	20181111055653.795
PX3 (140)	11382	11385	20181111055653.795	20181111055654.444
PX3 (140)	11407	11409	20181111055700.717	20181111055701.147
PX3 (140)	11409	11411	20181111055701.147	20181111055701.581
PX3 (140)	11411	11413	20181111055701.581	20181111055702.010
PX3 (140)	11413	11424	20181111055702.010	20181111055705.905
PX3 (140)	11449	11451	20181111055711.307	20181111055711.741
PX3 (140)	11451	11458	20181111055711.741	20181111055714.768
PX3 (140)	11458	11461	20181111055714.768	20181111055715.416
PX3 (140)	11485	11496	20181111055722.120	20181111055724.498
PX3 (140)	11497	11499	20181111055724.713	20181111055725.147
PX3 (140)	11524	11526	20181111055732.065	20181111055732.498
PX3 (140)	11526	11530	20181111055732.498	20181111055733.362
PX3 (140)	11532	11538	20181111055733.795	20181111055735.092
PX3 (140)	11538	11541	20181111055735.092	20181111055735.741
PX3 (140)	11542	11544	20181111055735.955	20181111055737.905
PX3 (140)	11553	11555	20181111055739.846	20181111055740.280
PX3 (140)	11561	11563	20181111055741.577	20181111055742.010
PX3 (140)	11564	11567	20181111055742.229	20181111055742.873
PX3 (140)	11568	11575	20181111055743.092	20181111055746.119
PX3 (140)	11575	11577	20181111055746.119	20181111055746.553
PX3 (140)	11579	11582	20181111055746.983	20181111055747.631
PX3 (140)	11600	11618	20181111055751.522	20181111055756.928
PX3 (140)	11618	11620	20181111055756.928	20181111055757.362
PX3 (140)	11622	11624	20181111055757.795	20181111055758.225
PX3 (140)	11639	11660	20181111055802.983	20181111055807.522
PX3 (140)	11660	11663	20181111055807.522	20181111055808.174
PX3 (140)	11684	11694	20181111055814.225	20181111055817.901
PX3 (140)	11724	11728	20181111055825.901	20181111055826.768
PX3 (140)	11728	11730	20181111055826.768	20181111055827.198
PX3 (140)	11805	11807	20181111055846.440	20181111055846.873
PX3 (140)	11897	11899	20181111055910.873	20181111055911.307
PX3 (140)	11932	11934	20181111055919.955	20181111055921.901
PX3 (140)	15954	15956	20181111061713.906	20181111061714.336
PX3 (140)	15972	15974	20181111061717.797	20181111061718.230
PX3 (140)	15980	15982	20181111061719.527	20181111061719.957
PX3 (140)	15982	16019	20181111061719.957	20181111061730.988
PX4 (145)	4056	4058	20181111052420.518	20181111052420.952
PX4 (145)	4058	4067	20181111052420.952	20181111052422.897
PX4 (145)	4070	4303	20181111052423.546	20181111052526.030
PX4 (145)	4406	4408	20181111052554.354	20181111052554.788
PX4 (145)	4408	4569	20181111052554.788	20181111052637.163
PX4 (145)	7492	7570	20181111053935.950	20181111053957.356
PX4 (145)	7583	7612	20181111054000.169	20181111054007.950
PX4 (145)	7616	7618	20181111054010.329	20181111054010.759
PX4 (145)	7619	7622	20181111054010.977	20181111054011.626
PX4 (145)	7627	7629	20181111054012.708	20181111054013.141
PX4 (145)	7630	7632	20181111054013.356	20181111054013.786
PX4 (145)	7634	7636	20181111054014.219	20181111054014.653
PX4 (145)	7641	7645	20181111054015.735	20181111054018.110
PX4 (145)	7647	7649	20181111054018.544	20181111054018.977
PX4 (145)	7653	7948	20181111054019.841	20181111054138.758

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Table 2 – continued from previous page

APID	Seq from	Seq to	Time from	Time to
PX4 (145)	7985	8000	20181111054148.282	20181111054151.540
PX4 (145)	8004	8013	20181111054153.930	20181111054155.875
PX4 (145)	8013	8017	20181111054155.875	20181111054156.743
PX4 (145)	8018	8021	20181111054156.958	20181111054157.606
PX4 (145)	8024	8026	20181111054158.254	20181111054158.688
PX4 (145)	8026	8034	20181111054158.688	20181111054201.930
PX4 (145)	8036	8394	20181111054202.360	20181111054337.926
PX4 (145)	8540	8561	20181111054415.547	20181111054421.602
PX4 (145)	8562	8564	20181111054421.817	20181111054422.250
PX4 (145)	8570	8574	20181111054423.547	20181111054425.926
PX4 (145)	8574	8576	20181111054425.926	20181111054426.356
PX4 (145)	8588	8729	20181111054428.953	20181111054507.004
PX4 (145)	8738	8740	20181111054508.953	20181111054509.383
PX4 (145)	8741	8744	20181111054509.598	20181111054510.250
PX4 (145)	8748	8751	20181111054511.113	20181111054511.762
PX4 (145)	8799	8802	20181111054525.168	20181111054525.816
PX4 (145)	8810	8972	20181111054527.547	20181111054611.652
PX4 (145)	11002	11004	20181111055511.960	20181111055513.909
PX4 (145)	11148	11150	20181111055551.096	20181111055551.526
PX4 (145)	11192	11194	20181111055603.635	20181111055604.069
PX4 (145)	11259	11261	20181111055621.147	20181111055621.581
PX4 (145)	11264	11267	20181111055622.229	20181111055622.877
PX4 (145)	11301	11304	20181111055631.741	20181111055633.905
PX4 (145)	11304	11306	20181111055633.905	20181111055634.338
PX4 (145)	11335	11342	20181111055642.120	20181111055643.631
PX4 (145)	11342	11344	20181111055643.631	20181111055644.065
PX4 (145)	11349	11351	20181111055645.147	20181111055645.581
PX4 (145)	11365	11367	20181111055650.120	20181111055650.553
PX4 (145)	11370	11372	20181111055651.202	20181111055651.635
PX4 (145)	11373	11375	20181111055651.850	20181111055652.280
PX4 (145)	11375	11381	20181111055652.280	20181111055653.581
PX4 (145)	11407	11409	20181111055700.717	20181111055701.147
PX4 (145)	11409	11414	20181111055701.147	20181111055702.229
PX4 (145)	11414	11423	20181111055702.229	20181111055704.174
PX4 (145)	11448	11450	20181111055711.092	20181111055711.526
PX4 (145)	11451	11453	20181111055711.741	20181111055712.174
PX4 (145)	11453	11456	20181111055712.174	20181111055714.334
PX4 (145)	11456	11460	20181111055714.334	20181111055715.202
PX4 (145)	11485	11492	20181111055722.120	20181111055723.631
PX4 (145)	11492	11494	20181111055723.631	20181111055724.065
PX4 (145)	11494	11496	20181111055724.065	20181111055724.498
PX4 (145)	11496	11500	20181111055724.498	20181111055725.362
PX4 (145)	11522	11524	20181111055731.631	20181111055732.065
PX4 (145)	11524	11534	20181111055732.065	20181111055734.225
PX4 (145)	11535	11539	20181111055734.444	20181111055735.307
PX4 (145)	11539	11541	20181111055735.307	20181111055735.741
PX4 (145)	11542	11544	20181111055735.955	20181111055737.905
PX4 (145)	11564	11566	20181111055742.229	20181111055742.659
PX4 (145)	11567	11569	20181111055742.873	20181111055743.307
PX4 (145)	11569	11574	20181111055743.307	20181111055745.901
PX4 (145)	11575	11579	20181111055746.119	20181111055746.983
PX4 (145)	11603	11619	20181111055752.174	20181111055757.143
PX4 (145)	11635	11660	20181111055802.119	20181111055807.522
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Table 2 – continued from previous page

APID	Seq from	Seq to	Time from	Time to
PX4 (145)	11660	11662	20181111055807.522	20181111055807.955
PX4 (145)	11682	11694	20181111055813.795	20181111055817.901
PX4 (145)	11723	11725	20181111055824.170	20181111055826.115
PX4 (145)	11725	11727	20181111055826.115	20181111055826.549
PX4 (145)	11727	11729	20181111055826.549	20181111055826.983
PX4 (145)	11766	11768	20181111055836.494	20181111055836.928
PX4 (145)	11883	11885	20181111055907.846	20181111055908.279
PX4 (145)	11892	11894	20181111055909.791	20181111055910.225
PX4 (145)	11897	11899	20181111055910.873	20181111055911.307
PX4 (145)	11926	11928	20181111055918.658	20181111055919.088
PX4 (145)	11932	11934	20181111055919.955	20181111055921.901
PX4 (145)	15954	15956	20181111061713.906	20181111061714.336
PX4 (145)	15975	15977	20181111061718.445	20181111061718.879
PX4 (145)	15979	15981	20181111061719.312	20181111061719.742
PX4 (145)	15981	16019	20181111061719.742	20181111061730.988
IMG (150)	3103	3112	20181111052420.952	20181111052422.897
IMG (150)	3115	3380	20181111052423.546	20181111052526.030
IMG (150)	3501	3682	20181111052554.788	20181111052637.163
IMG (150)	6992	7083	20181111053935.735	20181111053957.356
IMG (150)	7098	7100	20181111054000.813	20181111054001.466
IMG (150)	7100	7126	20181111054001.466	20181111054007.302
IMG (150)	7127	7130	20181111054007.516	20181111054008.165
IMG (150)	7134	7136	20181111054009.462	20181111054010.114
IMG (150)	7139	7141	20181111054010.759	20181111054011.192
IMG (150)	7143	7146	20181111054011.626	20181111054012.274
IMG (150)	7152	7155	20181111054013.571	20181111054014.219
IMG (150)	7159	7161	20181111054015.083	20181111054015.516
IMG (150)	7167	7169	20181111054017.247	20181111054017.895
IMG (150)	7170	7172	20181111054018.110	20181111054018.544
IMG (150)	7175	7178	20181111054019.192	20181111054019.841
IMG (150)	7179	7513	20181111054020.059	20181111054138.758
IMG (150)	7554	7565	20181111054148.282	20181111054150.668
IMG (150)	7565	7568	20181111054150.668	20181111054151.321
IMG (150)	7577	7586	20181111054153.930	20181111054155.875
IMG (150)	7586	7588	20181111054155.875	20181111054156.309
IMG (150)	7588	7590	20181111054156.309	20181111054156.743
IMG (150)	7597	7599	20181111054158.254	20181111054158.688
IMG (150)	7599	7611	20181111054158.688	20181111054201.930
IMG (150)	7612	8015	20181111054202.145	20181111054336.629
IMG (150)	8180	8205	20181111054415.332	20181111054421.387
IMG (150)	8205	8207	20181111054421.387	20181111054421.817
IMG (150)	8207	8209	20181111054421.817	20181111054422.250
IMG (150)	8223	8225	20181111054425.926	20181111054426.356
IMG (150)	8236	8398	20181111054428.738	20181111054507.004
IMG (150)	8413	8416	20181111054510.250	20181111054510.898
IMG (150)	8417	8420	20181111054511.113	20181111054511.762
IMG (150)	8482	8485	20181111054526.465	20181111054527.113
IMG (150)	8486	8673	20181111054527.328	20181111054611.652
IMG (150)	10849	10851	20181111055443.639	20181111055444.069
IMG (150)	10971	10973	20181111055511.960	20181111055512.608
IMG (150)	11137	11139	20181111055551.096	20181111055551.526
IMG (150)	11176	11178	20181111055600.174	20181111055600.823
IMG (150)	11225	11227	20181111055612.069	20181111055612.499
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Table 2 – continued from previous page

APID	Seq from	Seq to	Time from	Time to
IMG (150)	11270	11272	20181111055622.444	20181111055622.877
IMG (150)	11305	11307	20181111055630.663	20181111055631.092
IMG (150)	11307	11309	20181111055631.092	20181111055631.526
IMG (150)	11310	11315	20181111055631.741	20181111055633.256
IMG (150)	11318	11320	20181111055634.120	20181111055634.553
IMG (150)	11353	11358	20181111055642.334	20181111055643.416
IMG (150)	11396	11400	20181111055652.280	20181111055653.147
IMG (150)	11400	11402	20181111055653.147	20181111055653.581
IMG (150)	11432	11438	20181111055700.717	20181111055702.010
IMG (150)	11438	11449	20181111055702.010	20181111055704.608
IMG (150)	11480	11491	20181111055711.741	20181111055714.768
IMG (150)	11492	11494	20181111055714.983	20181111055715.416
IMG (150)	11516	11518	20181111055720.174	20181111055720.823
IMG (150)	11522	11530	20181111055722.120	20181111055723.850
IMG (150)	11532	11534	20181111055724.280	20181111055724.713
IMG (150)	11534	11536	20181111055724.713	20181111055725.147
IMG (150)	11566	11570	20181111055732.280	20181111055733.147
IMG (150)	11570	11573	20181111055733.147	20181111055733.795
IMG (150)	11576	11580	20181111055734.444	20181111055735.307
IMG (150)	11580	11583	20181111055735.307	20181111055735.955
IMG (150)	11611	11619	20181111055742.659	20181111055744.604
IMG (150)	11621	11624	20181111055745.252	20181111055746.119
IMG (150)	11625	11629	20181111055746.334	20181111055747.198
IMG (150)	11651	11670	20181111055751.955	20181111055756.713
IMG (150)	11670	11672	20181111055756.713	20181111055757.143
IMG (150)	11672	11674	20181111055757.143	20181111055757.576
IMG (150)	11674	11676	20181111055757.576	20181111055758.010
IMG (150)	11693	11719	20181111055802.334	20181111055807.955
IMG (150)	11739	11741	20181111055812.928	20181111055813.362
IMG (150)	11743	11755	20181111055813.795	20181111055816.604
IMG (150)	11789	11792	20181111055824.604	20181111055825.467
IMG (150)	11793	11795	20181111055825.901	20181111055826.334
IMG (150)	11797	11799	20181111055826.768	20181111055827.198
IMG (150)	11803	11805	20181111055828.065	20181111055828.494
IMG (150)	11839	11841	20181111055836.494	20181111055836.928
IMG (150)	11988	11990	20181111055911.307	20181111055911.736
IMG (150)	210	212	20181111061715.418	20181111061715.851
IMG (150)	227	229	20181111061719.093	20181111061719.527
IMG (150)	230	276	20181111061719.742	20181111061730.988
VER (160)	15194	15235	20181111052416.194	20181111052528.190
VER (160)	15254	15280	20181111052552.190	20181111052640.190
VER (160)	15764	15780	20181111053928.169	20181111054000.169
VER (160)	15781	15789	20181111054000.169	20181111054008.165
VER (160)	15789	15792	20181111054008.165	20181111054016.165
VER (160)	15792	15794	20181111054016.165	20181111054016.165
VER (160)	15794	15845	20181111054016.165	20181111054144.165
VER (160)	15854	15916	20181111054152.192	20181111054202.579
VER (160)	15939	15949	20181111054408.196	20181111054424.195
VER (160)	15949	15977	20181111054424.195	20181111054512.195
VER (160)	15984	16015	20181111054520.195	20181111054616.191
VER (160)	15	18	20181111055624.174	20181111055632.174
VER (160)	18	21	20181111055632.174	20181111055640.174
VER (160)	22	24	20181111055640.174	20181111055640.174

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Table 2 – continued from previous page

APID	Seq from	Seq to	Time from	Time to
VER (160)	35	40	20181111055656.174	20181111055704.174
VER (160)	40	46	20181111055704.174	20181111055720.174
VER (160)	46	48	20181111055720.174	20181111055720.174
VER (160)	55	57	20181111055728.174	20181111055736.174
VER (160)	60	65	20181111055736.174	20181111055743.307
VER (160)	66	71	20181111055752.174	20181111055800.170
VER (160)	75	77	20181111055800.170	20181111055808.174
VER (160)	78	80	20181111055808.174	20181111055808.174
VER (160)	80	85	20181111055808.174	20181111055814.225
VER (160)	85	90	20181111055814.225	20181111055824.170
VER (160)	122	124	20181111055920.170	20181111055920.170
VER (160)	795	806	20181111061712.175	20181111061736.175
AUX (180)	16144	16153	20181111052416.628	20181111052528.624
AUX (180)	16156	16162	20181111052552.624	20181111052640.624
AUX (180)	16258	16262	20181111053928.598	20181111054000.598
AUX (180)	16264	16275	20181111054016.598	20181111054144.594
AUX (180)	16276	16289	20181111054152.626	20181111054336.629
AUX (180)	16293	16295	20181111054408.629	20181111054424.629
AUX (180)	16295	16301	20181111054424.629	20181111054512.625
AUX (180)	16302	16309	20181111054520.629	20181111054616.625
AUX (180)	1	3	20181111055624.608	20181111055640.608
AUX (180)	6	9	20181111055704.608	20181111055728.604
AUX (180)	11	13	20181111055744.604	20181111055800.604
AUX (180)	157	160	20181111061712.609	20181111061736.609

Table 2: L0 data gaps

3 Instrument modes

Time	Transition from	Transition to
11/11/2018 00:00:07	-	Normal operation

Table 3: Instrument modes

4 L0 and L1 Data Quality

Flag	Value	Action
L0 IASI PDUs	150	e
L1 ENG PDUs	255	e
L1 ENG distinct GEPSGranule	255	a
GQisFlagQual set (PX1)	99.01 %	-
GQisFlagQual set (PX2)	99.01 %	-
GQisFlagQual set (PX3)	99.00 %	-
GQisFlagQual set (PX4)	99.04 %	-
GQisFlagQual set (all)	99.02 %	-

Table 4: Quality flags

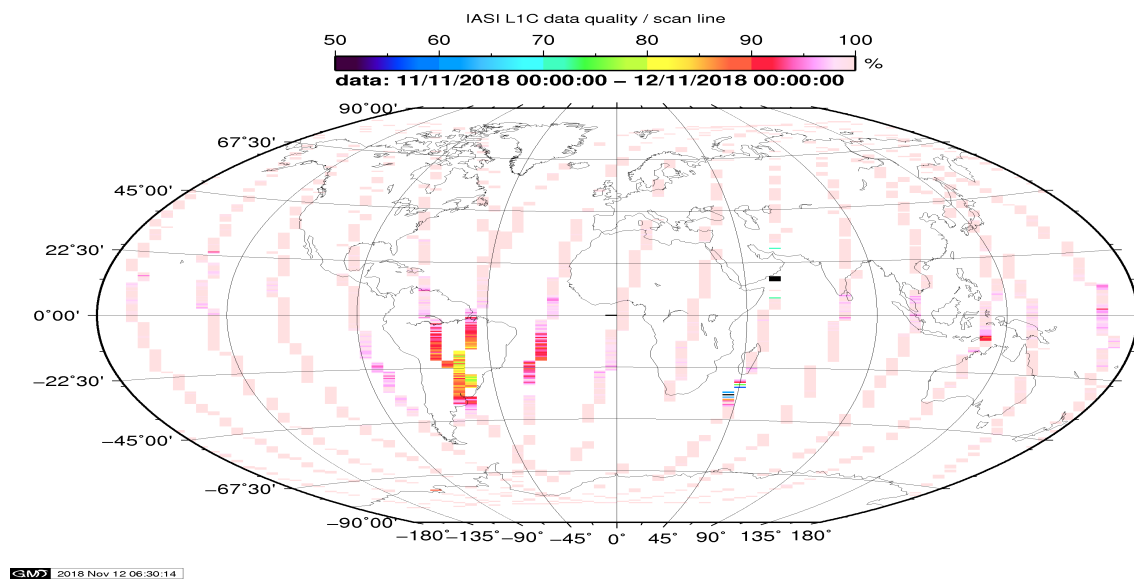


Figure 1: L1C data quality

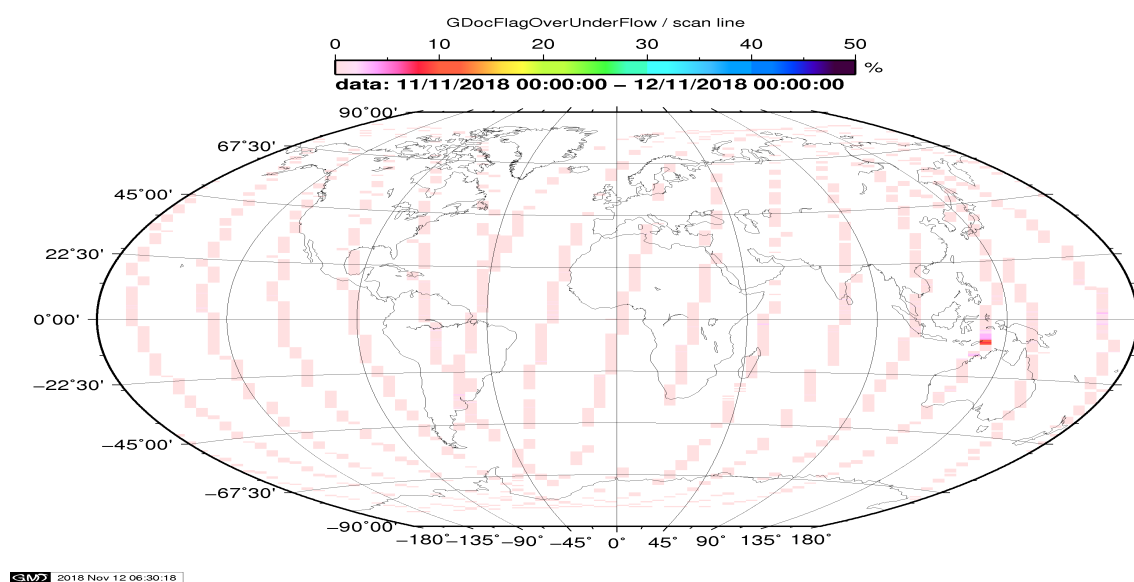


Figure 2: Flag of Over and Under Flows

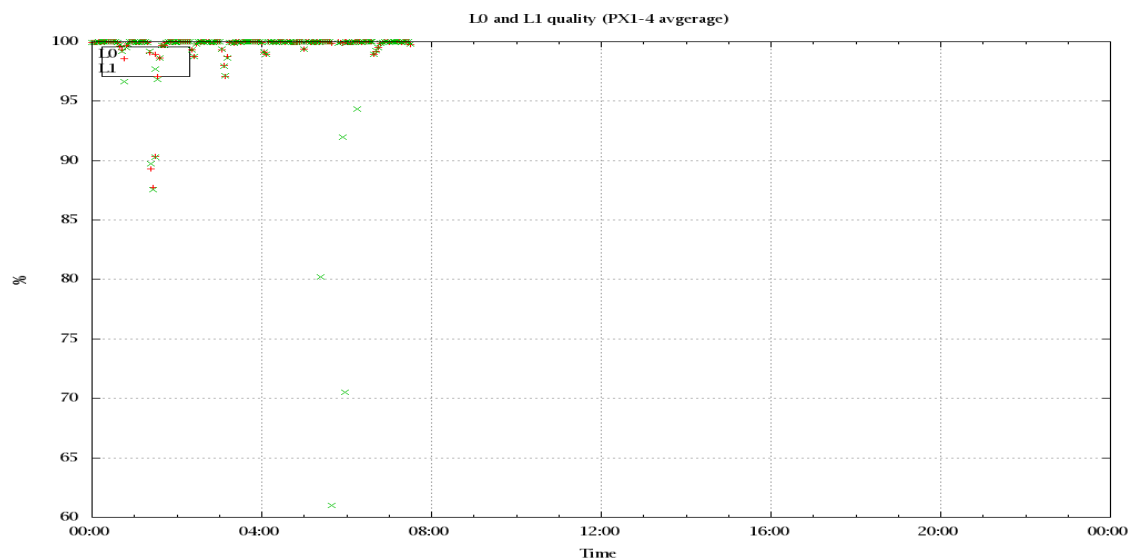


Figure 3: Level 0 and 1C overall quality

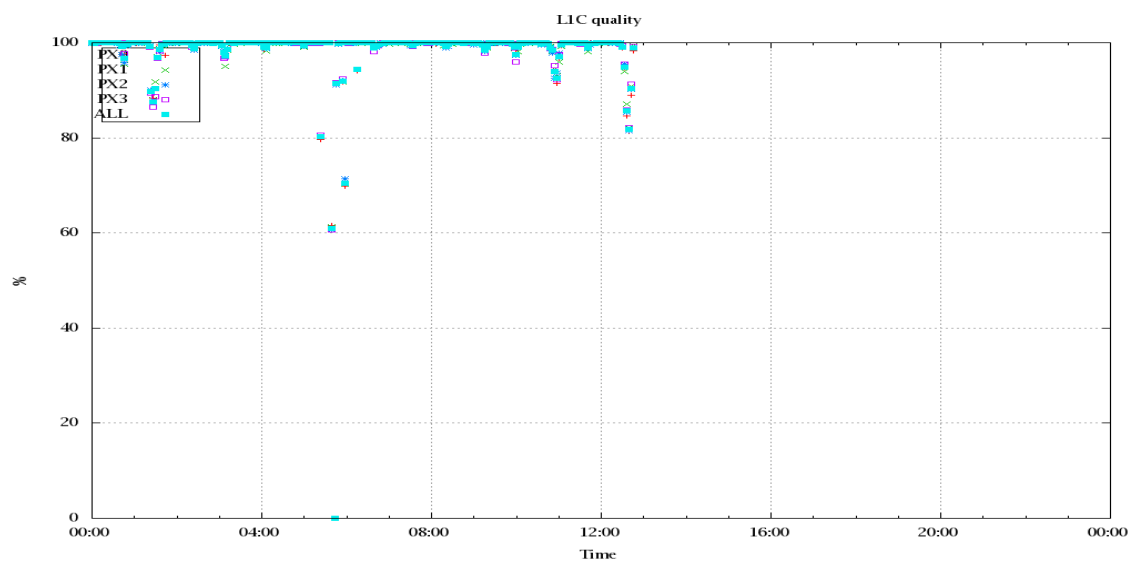


Figure 4: Level 1C quality

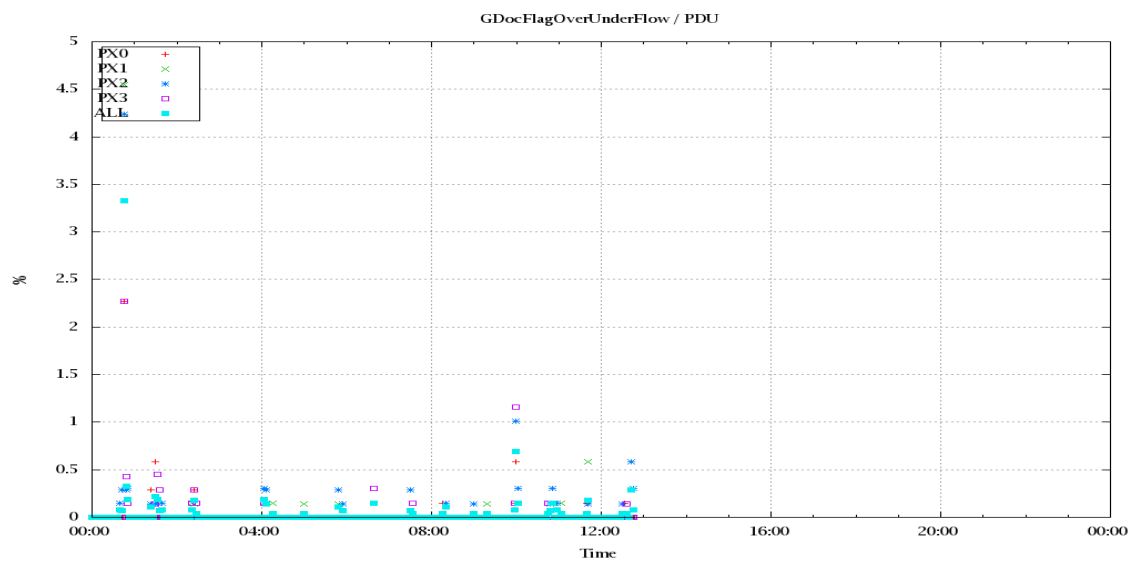


Figure 5: OverUnderFlowFlag timeseries

5 Radiance monitoring based on NWP

The radiance monitoring compares the IASI measurements (L1C-eps-products) obtained under clear sky situation over sea with modeled radiances. Cloud identification is based on cloud flag of co-located AVHRR L1B data in addition to information from the IASI L1C clustering analysis here only homogenous situations are taken into account (99.0 percent in first class). A radiative transfer model (RTM) is feed with co-located ECMWF profiles of T,WV, and Ozon. Between March 2007 and the 18th of May 2010 RTIASI in Version 4.0 is used. After that date the RTTOV model in V9.3 is used. Information about the SST is obtained from the AVHRR L1B or taken from AVHRR scenes analysis (CGS only). In the following figures 10 to 16 the so-called radiance anomaly is shown. The radiance anomaly is defined as the difference between the quarter daily radiance average OBS-CAL (over all pixel and scan position 10 to 20) and the average bias OBS-CAL (over all pixel and scan position 10 to 20) of the last 30 days.

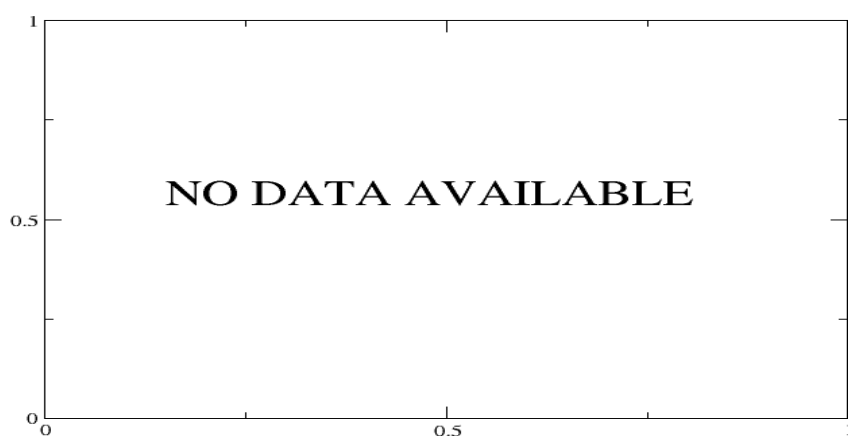


Figure 6: Average Radiance differences: OBS-CAL

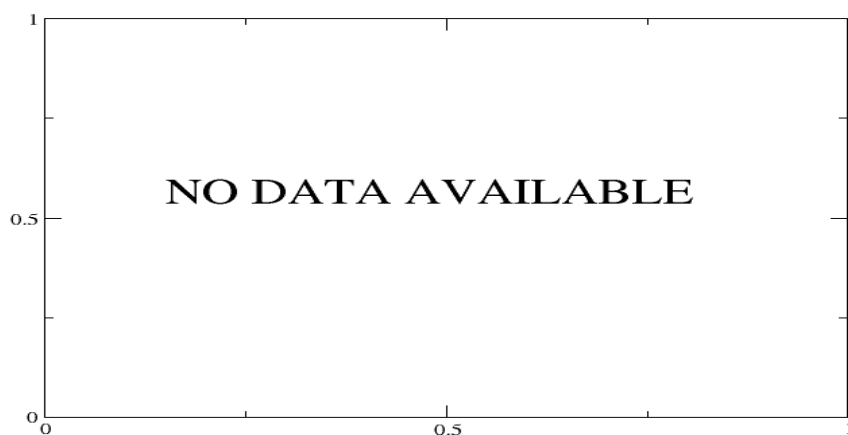


Figure 7: Standard Deviation of Radiance differences

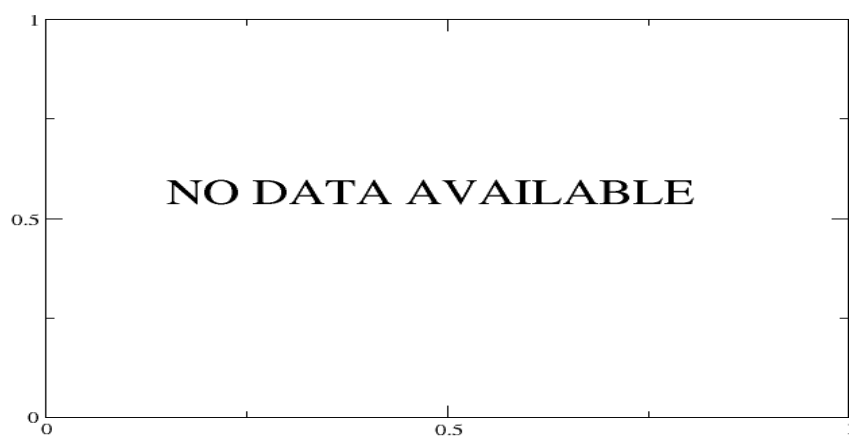


Figure 8: Average Radiance differences: OBS-CAL



Figure 9: Standard Deviation of Radiance differences

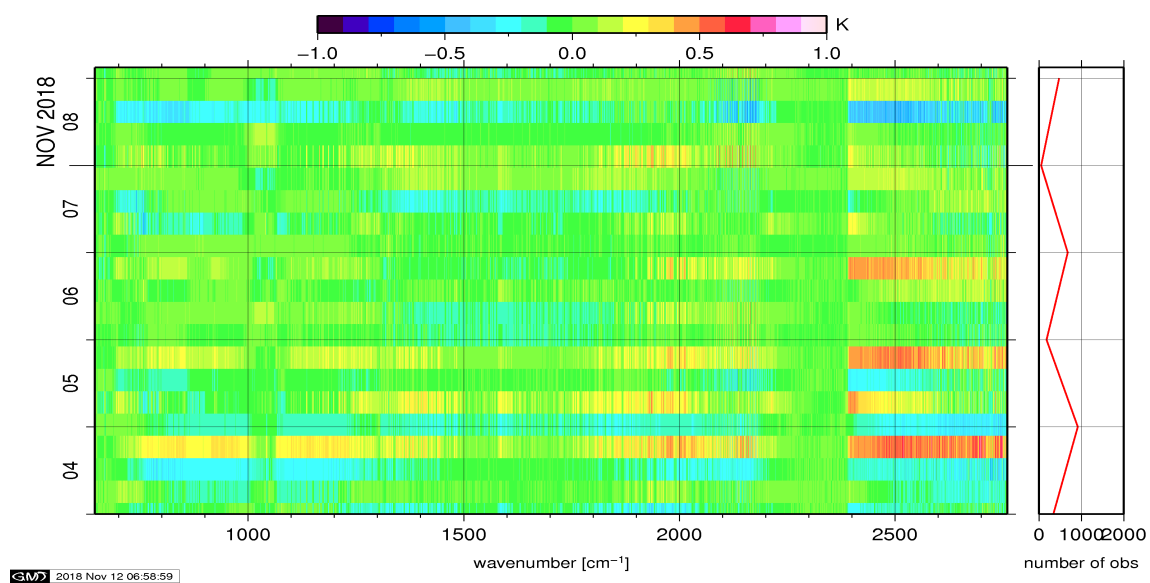


Figure 10: Radiance Anomaly in BRT: All Channels

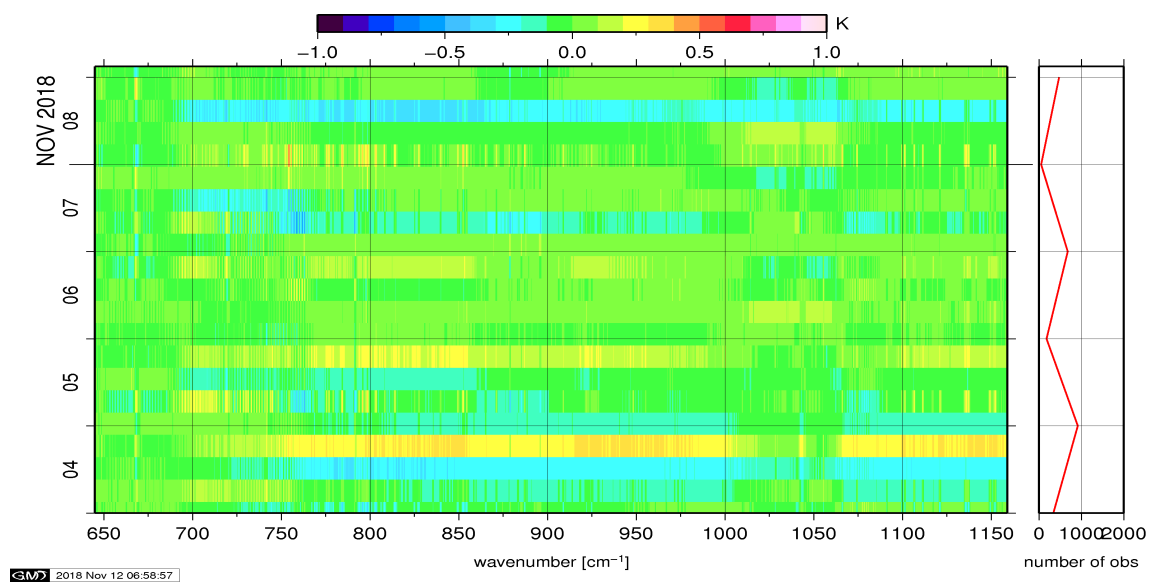


Figure 11: Radiance Anomaly in BRT: IASI Band 1

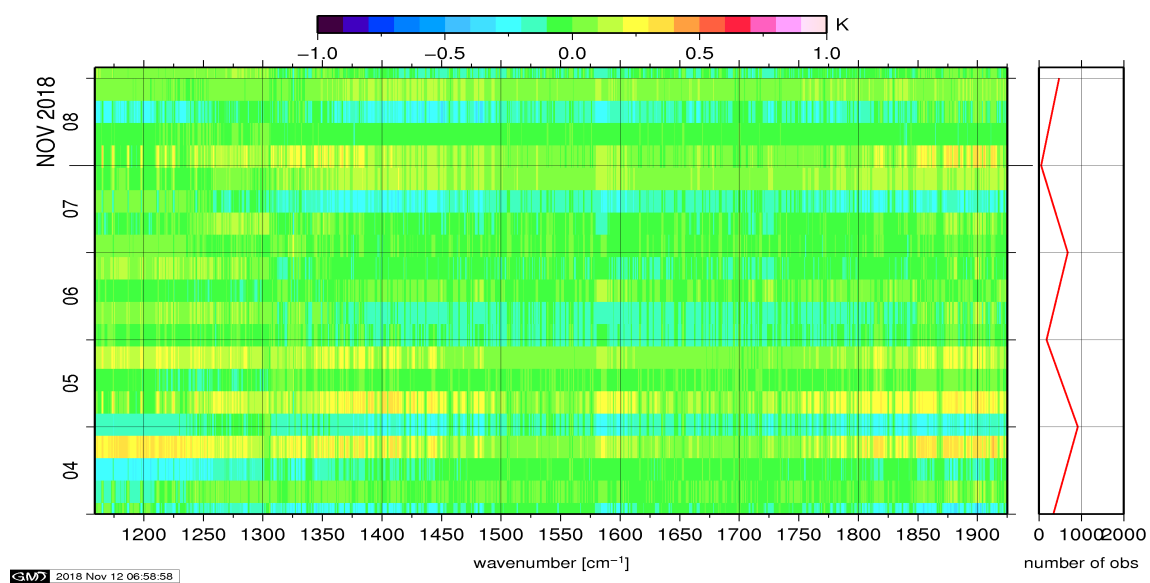


Figure 12: Radiance Anomaly in BRT: IASI Band 2

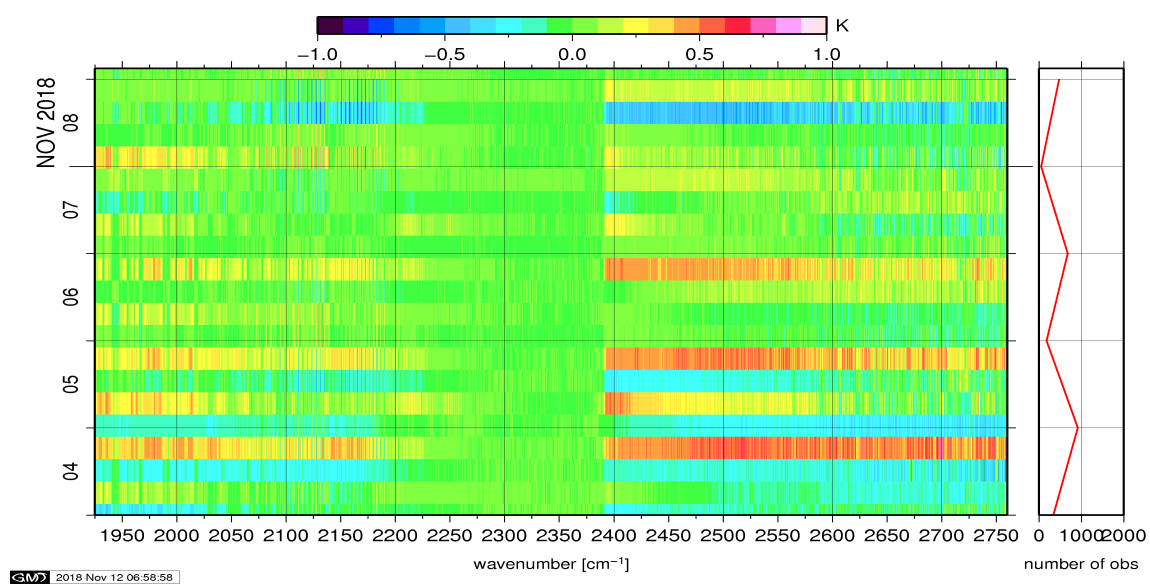


Figure 13: Radiance Anomaly in BRT: IASI Band 3

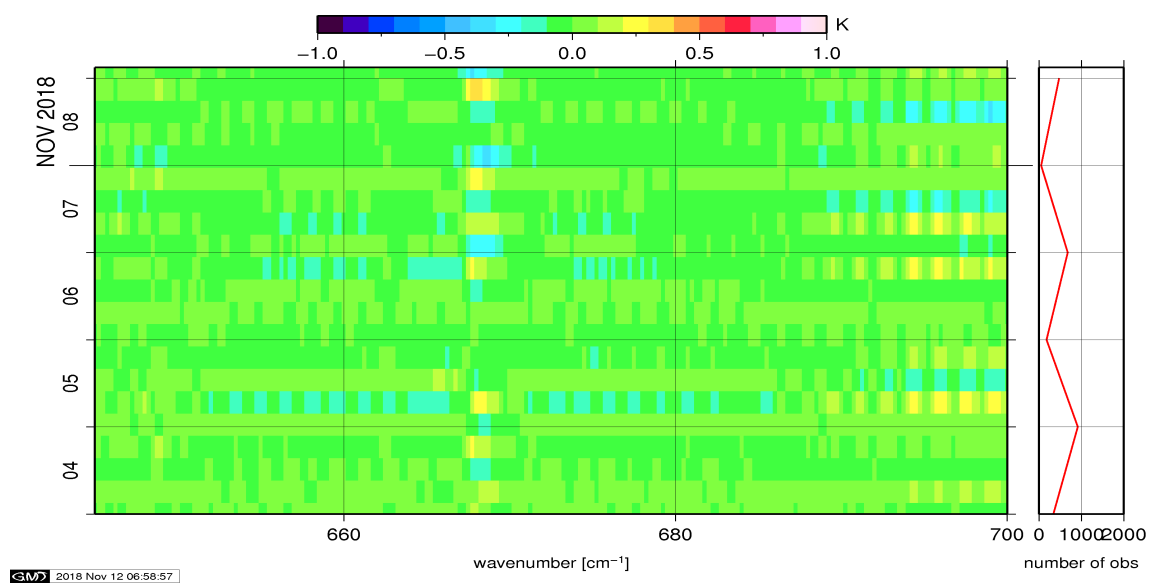


Figure 14: Radiance Anomaly in BRT: CO2 14

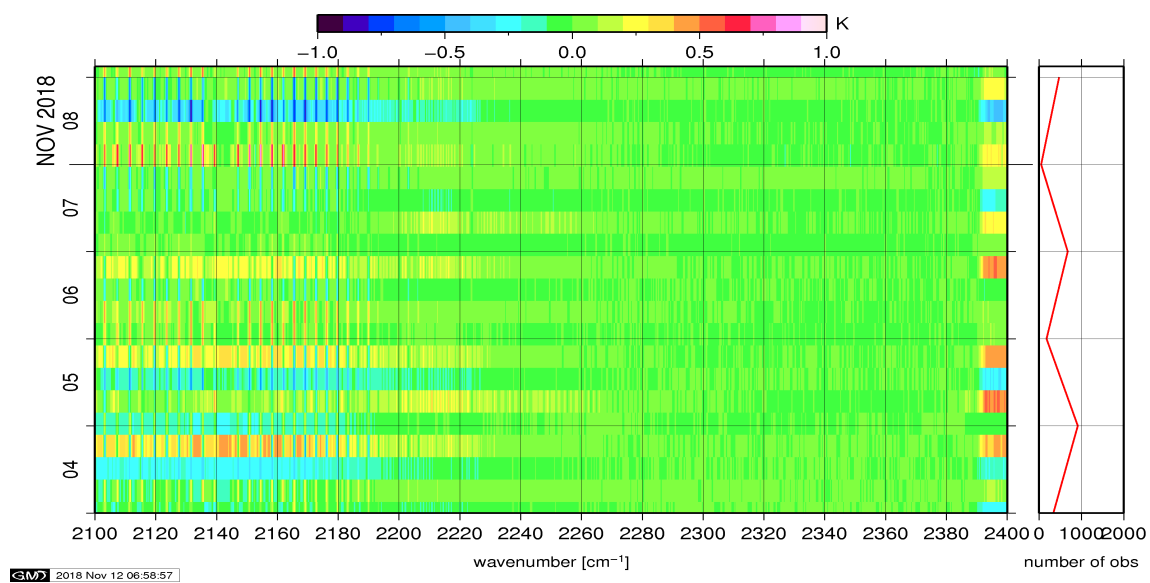


Figure 15: Radiance Anomaly in BRT: CO2 4.3

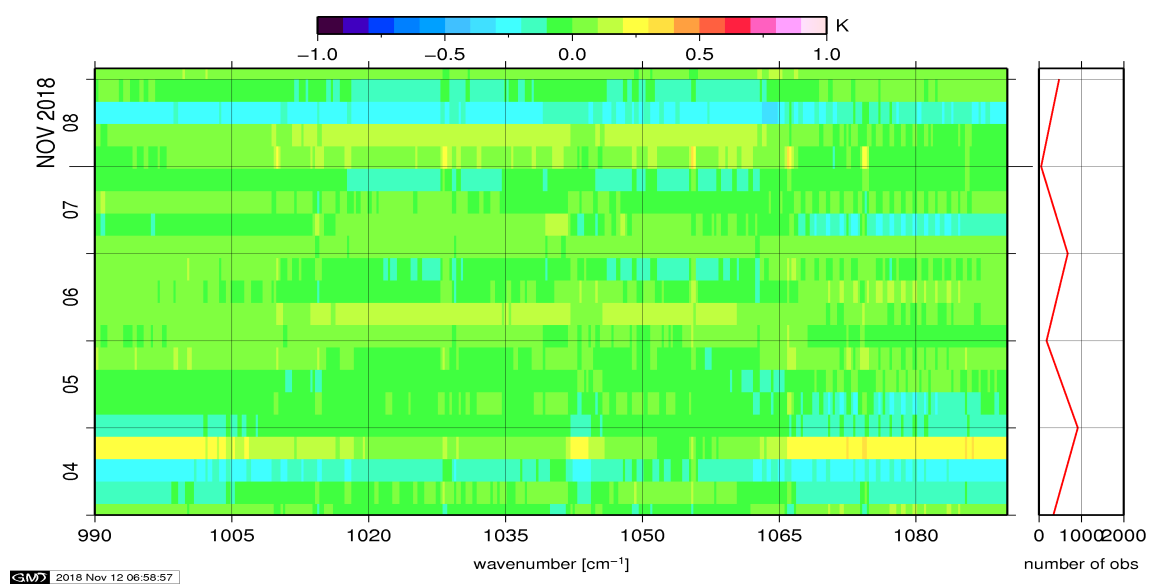


Figure 16: Radiance Anomaly in BRT: O3

6 IASI-HIRS radiance comparison Channel 1-19

The radiance comparison of IASI and HIRS/4 on-board MetOp is performed on all pixel with distances smaller than 3 km between IASI and HIRS. All sky conditions are covered. The radiance differences IASI - HIRS are given in brightness temperatures at 280K reference temperature. All conditions (clear, cloudy, day and night) are given in red in the following figures. The clear sky conditions at night are given in green and the clear sky cases during daylight are displayed in blue.

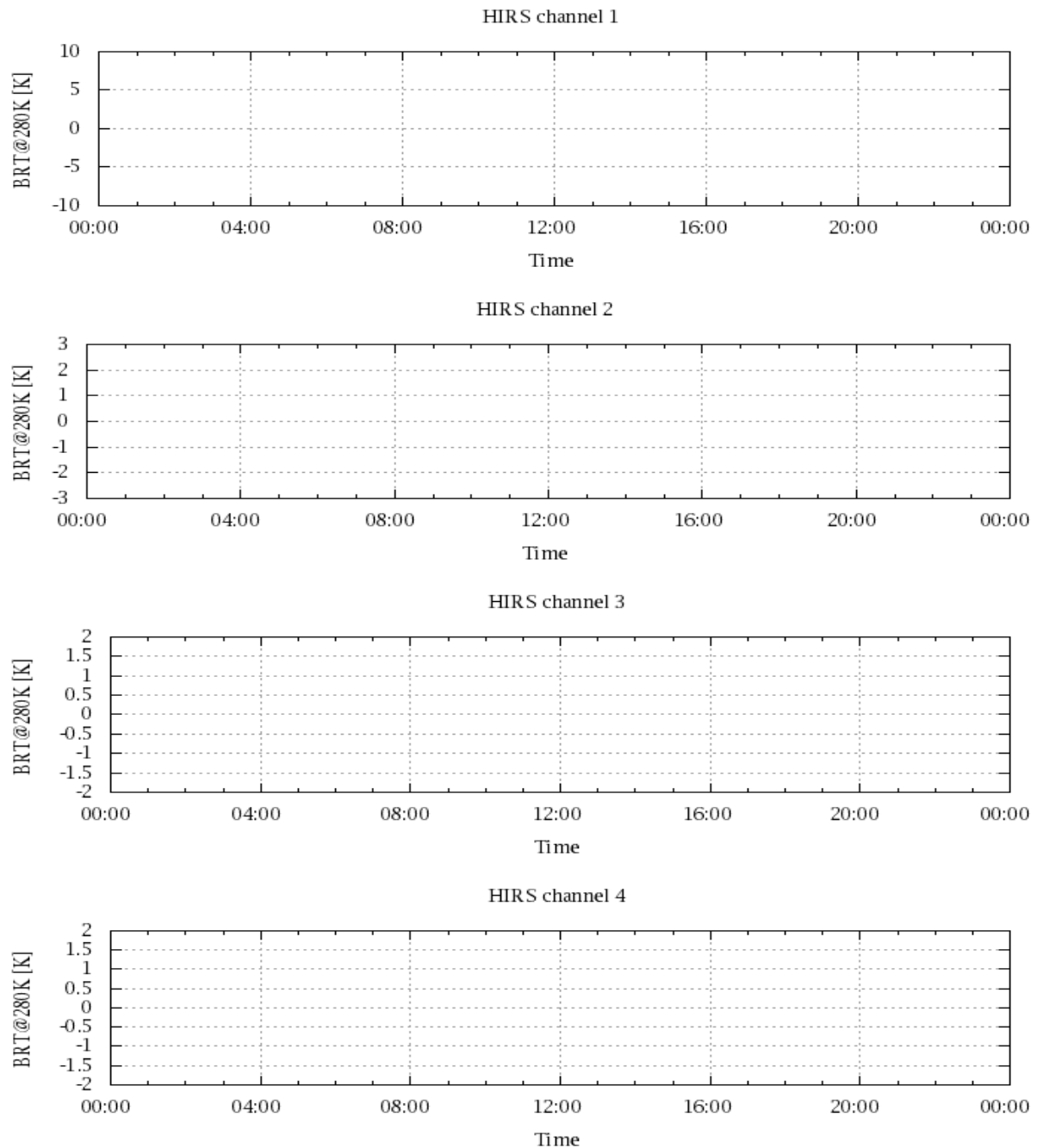


Figure 17: Radiance Differences in BRT

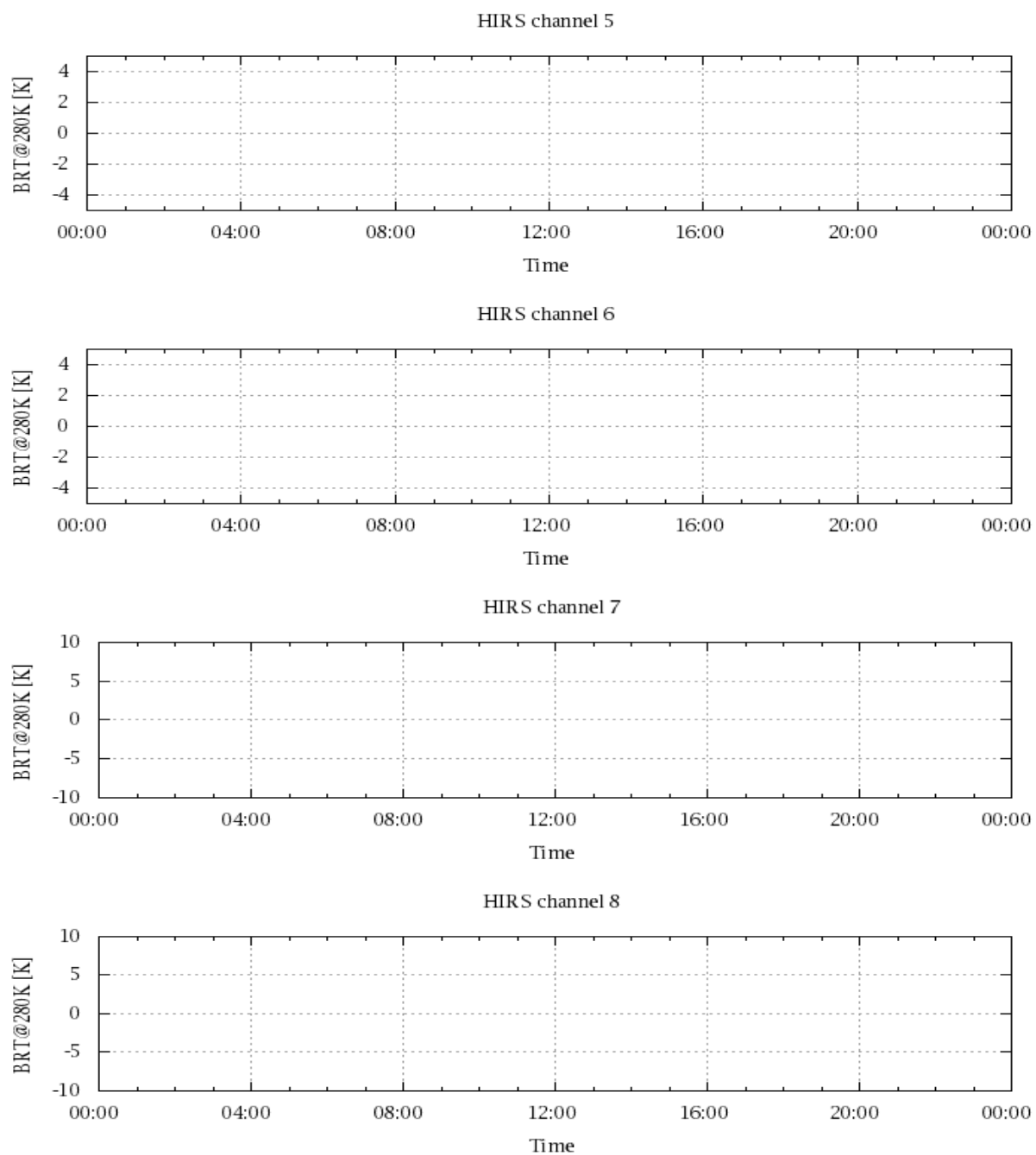


Figure 18: Radiance Differences in BRT

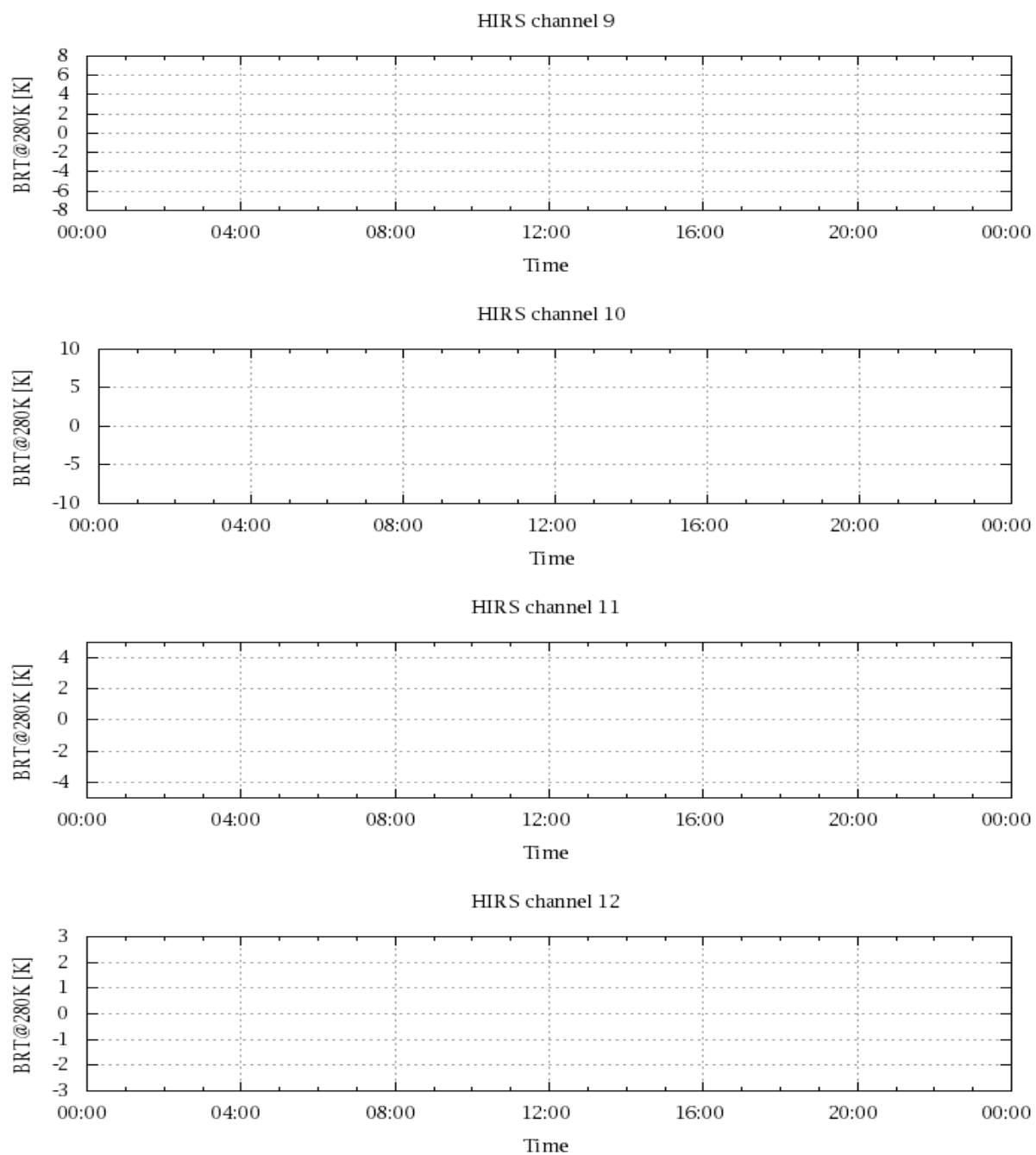


Figure 19: Radiance Differences in BRT

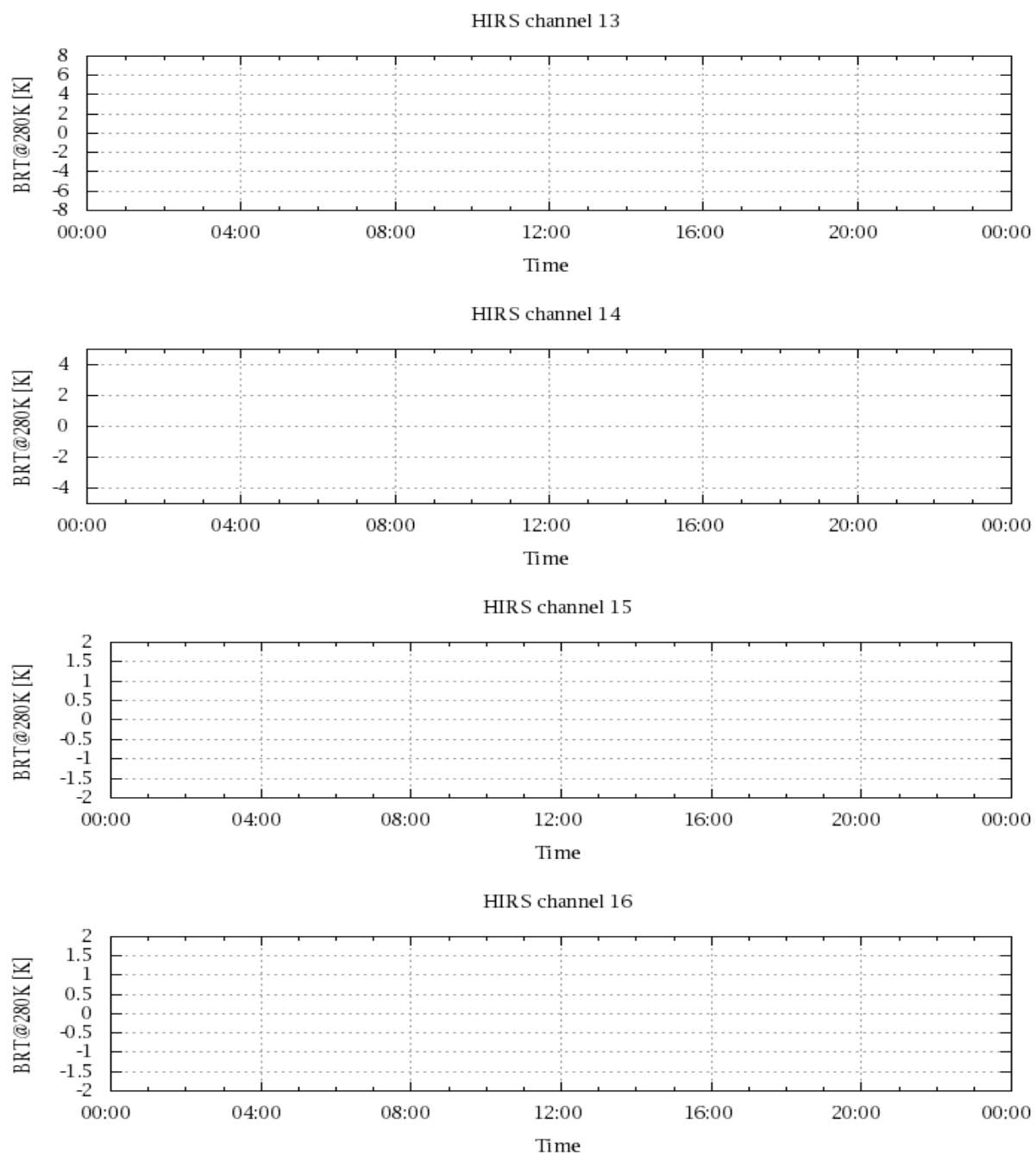


Figure 20: Radiance Differences in BRT

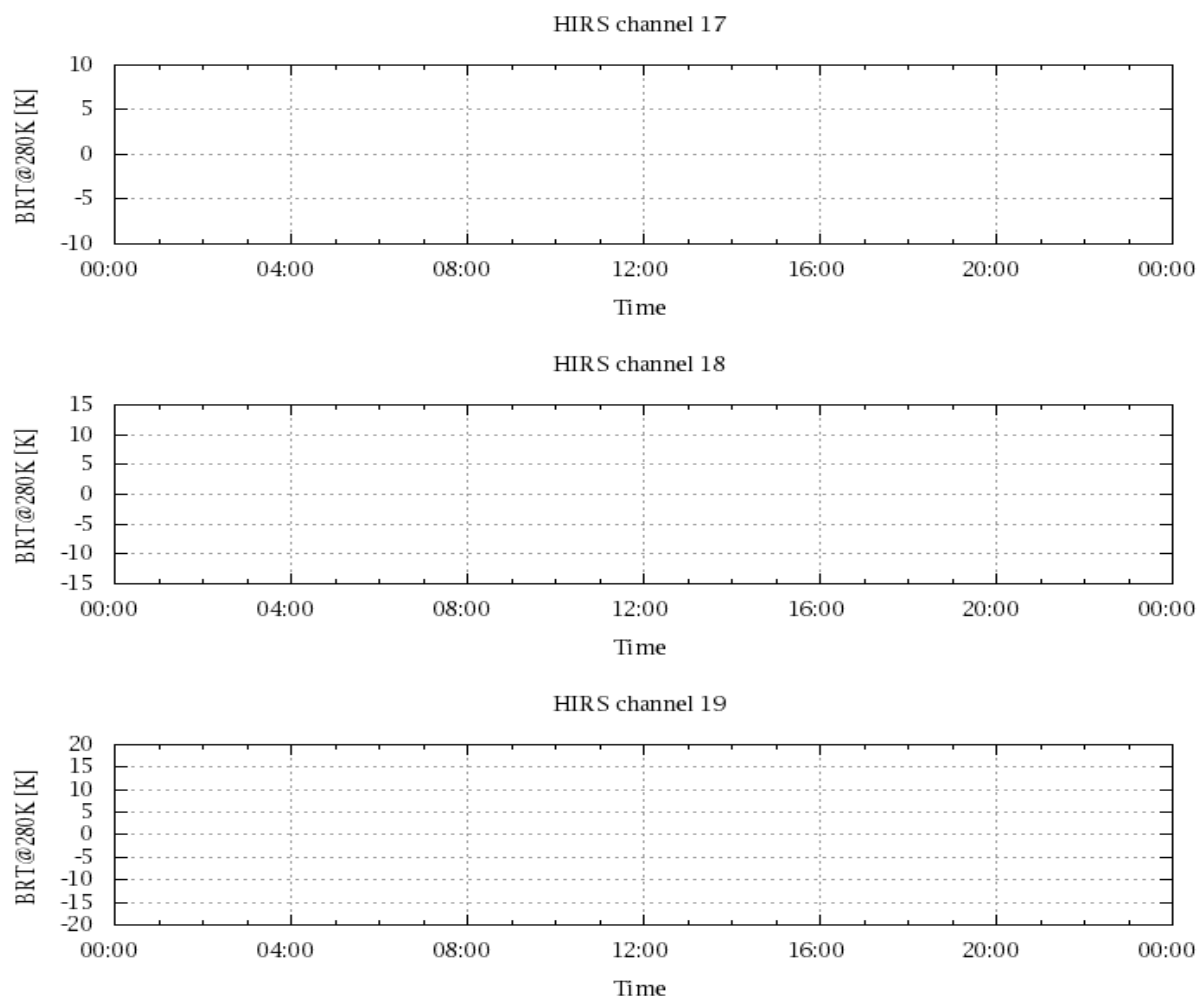


Figure 21: Radinace Differences in BRT