

IASI L0 and L1 Daily Monitoring Report

IASI monitoring team

23/02/2011 00:00:00 - 24/02/2011 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 23/02/2011 00:00:00 - 24/02/2011 00:00:00 .

The monitoring data are extracted on PDU basis.

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

2 Data quantity 23/02/2011 00:00:00 - 24/02/2011 00:00:00

Product Type	Number	Action
L0 HKTM PDUs	481	-
L0 IASI PDUs	481	-
L1 ENG PDUs	480	-
L1 ENG distinct GEPSGranule	481	-
L1 DPX PDUs (RM: IASI-HIRS)	477	-
L1 DPS Files (RM: OBS-CAL NWP based)	480	-

Table 1: Data quantity

APID	Seq from	Seq to	Time from	Time to
PX1 (130)	13000	13381	20110223064802.062	20110223064942.636
PX1 (130)	13381	13384	20110223064942.636	20110223064943.288
PX1 (130)	13384	13386	20110223064943.288	20110223064943.718
PX1 (130)	13386	13388	20110223064943.718	20110223064945.663
PX1 (130)	13397	13399	20110223064947.612	20110223064948.042
PX1 (130)	13402	13404	20110223064948.690	20110223064949.124
PX1 (130)	13414	13416	20110223064951.284	20110223064951.718
PX1 (130)	13428	13430	20110223064955.827	20110223064956.261
PX1 (130)	13443	13445	20110223064959.069	20110223064959.503
PX1 (130)	13660	13662	20110223065058.096	20110223065058.526
PX1 (130)	13664	13666	20110223065058.960	20110223065059.393
PX1 (130)	13677	13679	20110223065101.768	20110223065102.202
PX1 (130)	14632	14885	20110223065516.682	20110223065623.490
PX1 (130)	14885	14890	20110223065623.490	20110223065626.084
PX1 (130)	14890	14892	20110223065626.084	20110223065626.517
PX1 (130)	14892	14894	20110223065626.517	20110223065626.951
PX1 (130)	14894	14897	20110223065626.951	20110223065627.599
PX1 (130)	14901	14906	20110223065628.463	20110223065629.545

Continued on next page

Table 2 – continued from previous page

APID	Seq from	Seq to	Time from	Time to
PX1 (130)	14909	14911	20110223065630.193	20110223065630.627
PX1 (130)	14915	14917	20110223065631.490	20110223065631.924
PX1 (130)	14917	14919	20110223065631.924	20110223065633.873
PX1 (130)	14922	14924	20110223065634.517	20110223065634.951
PX1 (130)	14942	14944	20110223065638.842	20110223065639.275
PX1 (130)	14944	14946	20110223065639.275	20110223065639.709
PX1 (130)	14951	14953	20110223065642.303	20110223065642.736
PX1 (130)	15053	15056	20110223065708.896	20110223065709.545
PX1 (130)	15128	15130	20110223065729.650	20110223065730.084
PX1 (130)	15146	15159	20110223065733.541	20110223065737.869
PX1 (130)	15160	15162	20110223065738.084	20110223065738.517
PX1 (130)	15162	15170	20110223065738.517	20110223065740.248
PX1 (130)	15187	15189	20110223065743.920	20110223065745.869
PX1 (130)	15189	15192	20110223065745.869	20110223065746.513
PX1 (130)	16047	16305	20110223070133.755	20110223070243.157
PX1 (130)	16306	16313	20110223070243.372	20110223070244.884
PX1 (130)	16313	16318	20110223070244.884	20110223070245.966
PX1 (130)	16319	16323	20110223070246.185	20110223070247.048
PX1 (130)	16324	16326	20110223070247.267	20110223070247.696
PX1 (130)	16326	16329	20110223070247.696	20110223070249.860
PX1 (130)	16330	16332	20110223070250.075	20110223070250.509
PX1 (130)	16333	16337	20110223070250.724	20110223070251.591
PX1 (130)	16345	16347	20110223070253.317	20110223070253.751
PX1 (130)	16350	16356	20110223070254.399	20110223070255.696
PX1 (130)	16366	16369	20110223070259.372	20110223070300.020
PX1 (130)	16370	16372	20110223070300.239	20110223070300.669
PX1 (130)	16372	16374	20110223070300.669	20110223070301.102
PX1 (130)	16375	16377	20110223070301.317	20110223070301.751
PX1 (130)	16377	1	20110223070301.751	20110223070303.481
PX1 (130)	18	22	20110223070308.669	20110223070309.532
PX1 (130)	65	69	20110223070321.860	20110223070322.724
PX1 (130)	132	134	20110223070339.372	20110223070339.802
PX1 (130)	140	142	20110223070341.098	20110223070341.532
PX1 (130)	147	149	20110223070342.614	20110223070343.048
PX1 (130)	151	153	20110223070343.481	20110223070343.911
PX1 (130)	236	238	20110223070406.399	20110223070406.829
PX1 (130)	244	246	20110223070409.641	20110223070410.071
PX1 (130)	614	1023	20110223070547.797	20110223070735.903
PX1 (130)	1026	1028	20110223070738.067	20110223070738.500
PX1 (130)	1040	1042	20110223070741.094	20110223070741.528
PX1 (130)	1170	1173	20110223070815.254	20110223070815.903
PX1 (130)	1177	1179	20110223070818.281	20110223070818.715
PX1 (130)	1179	1181	20110223070818.715	20110223070819.145
PX1 (130)	1200	1202	20110223070823.254	20110223070823.688
PX1 (130)	1270	1304	20110223070842.930	20110223070851.797
PX1 (130)	2197	2467	20110223071250.312	20110223071402.312
PX1 (130)	2467	2473	20110223071402.312	20110223071403.609
PX1 (130)	2473	2475	20110223071403.609	20110223071404.038
PX1 (130)	2475	2483	20110223071404.038	20110223071405.769
PX1 (130)	2483	2495	20110223071405.769	20110223071409.878
PX1 (130)	2496	2512	20110223071410.093	20110223071413.554
PX1 (130)	2512	2550	20110223071413.554	20110223071423.281
PX1 (130)	2552	2554	20110223071423.714	20110223071425.659

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Table 2 – continued from previous page

APID	Seq from	Seq to	Time from	Time to
PX1 (130)	2577	3066	20110223071430.632	20110223071642.089
PX1 (130)	3066	3070	20110223071642.089	20110223071642.952
PX1 (130)	3070	3073	20110223071642.952	20110223071643.604
PX1 (130)	3073	3078	20110223071643.604	20110223071644.683
PX1 (130)	3078	3080	20110223071644.683	20110223071645.116
PX1 (130)	3080	3094	20110223071645.116	20110223071649.655
PX1 (130)	3103	3109	20110223071651.601	20110223071652.901
PX1 (130)	3109	3111	20110223071652.901	20110223071653.331
PX1 (130)	3114	3116	20110223071653.979	20110223071654.413
PX1 (130)	3116	3123	20110223071654.413	20110223071655.925
PX1 (130)	3125	3127	20110223071657.874	20110223071658.304
PX1 (130)	3132	3134	20110223071659.386	20110223071659.819
PX1 (130)	3140	3143	20110223071701.116	20110223071701.765
PX2 (135)	13000	13378	20110223064802.062	20110223064941.991
PX2 (135)	13378	13381	20110223064941.991	20110223064942.636
PX2 (135)	13382	13384	20110223064942.854	20110223064943.288
PX2 (135)	13402	13404	20110223064948.690	20110223064949.124
PX2 (135)	13411	13413	20110223064950.639	20110223064951.069
PX2 (135)	13414	13416	20110223064951.284	20110223064951.718
PX2 (135)	13428	13430	20110223064955.827	20110223064956.261
PX2 (135)	13443	13445	20110223064959.069	20110223064959.503
PX2 (135)	13475	13477	20110223065007.503	20110223065007.936
PX2 (135)	13584	13586	20110223065037.120	20110223065037.553
PX2 (135)	13599	13601	20110223065041.878	20110223065042.311
PX2 (135)	13660	13662	20110223065058.096	20110223065058.526
PX2 (135)	13664	13666	20110223065058.960	20110223065059.393
PX2 (135)	14632	14889	20110223065516.682	20110223065625.873
PX2 (135)	14889	14892	20110223065625.873	20110223065626.517
PX2 (135)	14892	14894	20110223065626.517	20110223065626.951
PX2 (135)	14894	14897	20110223065626.951	20110223065627.599
PX2 (135)	14900	14902	20110223065628.248	20110223065628.681
PX2 (135)	14902	14906	20110223065628.681	20110223065629.545
PX2 (135)	14907	14909	20110223065629.764	20110223065630.193
PX2 (135)	14910	14912	20110223065630.408	20110223065630.842
PX2 (135)	14914	14917	20110223065631.275	20110223065631.924
PX2 (135)	14917	14919	20110223065631.924	20110223065633.873
PX2 (135)	14922	14925	20110223065634.517	20110223065635.166
PX2 (135)	14939	14941	20110223065638.193	20110223065638.627
PX2 (135)	14942	14944	20110223065638.842	20110223065639.275
PX2 (135)	14944	14946	20110223065639.275	20110223065639.709
PX2 (135)	15128	15130	20110223065729.650	20110223065730.084
PX2 (135)	15146	15159	20110223065733.541	20110223065737.869
PX2 (135)	15160	15162	20110223065738.084	20110223065738.517
PX2 (135)	15162	15164	20110223065738.517	20110223065738.951
PX2 (135)	15164	15168	20110223065738.951	20110223065739.814
PX2 (135)	15168	15170	20110223065739.814	20110223065740.248
PX2 (135)	15170	15172	20110223065740.248	20110223065740.677
PX2 (135)	15187	15192	20110223065743.920	20110223065746.513
PX2 (135)	16047	16305	20110223070133.755	20110223070243.157
PX2 (135)	16307	16313	20110223070243.587	20110223070244.884
PX2 (135)	16313	16319	20110223070244.884	20110223070246.185
PX2 (135)	16319	16324	20110223070246.185	20110223070247.267
PX2 (135)	16324	16326	20110223070247.267	20110223070247.696

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Table 2 – continued from previous page

APID	Seq from	Seq to	Time from	Time to
PX2 (135)	16326	16329	20110223070247.696	20110223070249.860
PX2 (135)	16330	16332	20110223070250.075	20110223070250.509
PX2 (135)	16333	16337	20110223070250.724	20110223070251.591
PX2 (135)	16345	16347	20110223070253.317	20110223070253.751
PX2 (135)	16350	16352	20110223070254.399	20110223070254.833
PX2 (135)	16352	16356	20110223070254.833	20110223070255.696
PX2 (135)	16356	16358	20110223070255.696	20110223070257.642
PX2 (135)	16365	16367	20110223070259.157	20110223070259.587
PX2 (135)	16367	16369	20110223070259.587	20110223070300.020
PX2 (135)	16369	16371	20110223070300.020	20110223070300.454
PX2 (135)	16372	16374	20110223070300.669	20110223070301.102
PX2 (135)	16375	16377	20110223070301.317	20110223070301.751
PX2 (135)	16377	1	20110223070301.751	20110223070303.481
PX2 (135)	8	10	20110223070306.505	20110223070306.938
PX2 (135)	13	15	20110223070307.587	20110223070308.020
PX2 (135)	16	18	20110223070308.235	20110223070308.669
PX2 (135)	100	102	20110223070330.938	20110223070331.372
PX2 (135)	131	133	20110223070339.157	20110223070339.587
PX2 (135)	175	177	20110223070350.180	20110223070350.614
PX2 (135)	243	246	20110223070407.911	20110223070410.071
PX2 (135)	614	1025	20110223070547.797	20110223070737.852
PX2 (135)	1032	1034	20110223070739.364	20110223070739.797
PX2 (135)	1034	1036	20110223070739.797	20110223070740.227
PX2 (135)	1042	1044	20110223070741.528	20110223070741.957
PX2 (135)	1044	1047	20110223070741.957	20110223070742.610
PX2 (135)	1166	1168	20110223070814.391	20110223070814.820
PX2 (135)	1169	1171	20110223070815.039	20110223070815.473
PX2 (135)	1175	1177	20110223070817.848	20110223070818.281
PX2 (135)	1187	1189	20110223070820.445	20110223070820.875
PX2 (135)	1201	1203	20110223070823.469	20110223070823.903
PX2 (135)	1204	1206	20110223070825.633	20110223070826.067
PX2 (135)	1214	1217	20110223070827.797	20110223070828.445
PX2 (135)	1217	1219	20110223070828.445	20110223070828.875
PX2 (135)	1226	1228	20110223070830.391	20110223070830.820
PX2 (135)	1266	1268	20110223070842.067	20110223070842.496
PX2 (135)	1270	1304	20110223070842.930	20110223070851.797
PX2 (135)	2197	2472	20110223071250.312	20110223071403.390
PX2 (135)	2472	2482	20110223071403.390	20110223071405.554
PX2 (135)	2482	2487	20110223071405.554	20110223071406.636
PX2 (135)	2488	2494	20110223071406.851	20110223071409.660
PX2 (135)	2495	2504	20110223071409.878	20110223071411.824
PX2 (135)	2504	2512	20110223071411.824	20110223071413.554
PX2 (135)	2512	2551	20110223071413.554	20110223071423.499
PX2 (135)	2551	2553	20110223071423.499	20110223071423.933
PX2 (135)	2560	2562	20110223071426.956	20110223071427.390
PX2 (135)	2577	3065	20110223071430.632	20110223071641.874
PX2 (135)	3065	3068	20110223071641.874	20110223071642.522
PX2 (135)	3068	3070	20110223071642.522	20110223071642.952
PX2 (135)	3070	3072	20110223071642.952	20110223071643.386
PX2 (135)	3072	3074	20110223071643.386	20110223071643.819
PX2 (135)	3074	3078	20110223071643.819	20110223071644.683
PX2 (135)	3078	3088	20110223071644.683	20110223071646.847
PX2 (135)	3088	3094	20110223071646.847	20110223071649.655
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Table 2 – continued from previous page

APID	Seq from	Seq to	Time from	Time to
PX2 (135)	3103	3107	20110223071651.601	20110223071652.468
PX2 (135)	3107	3110	20110223071652.468	20110223071653.116
PX2 (135)	3114	3123	20110223071653.979	20110223071655.925
PX2 (135)	3132	3134	20110223071659.386	20110223071659.819
PX2 (135)	3138	3140	20110223071700.683	20110223071701.116
PX2 (135)	3140	3143	20110223071701.116	20110223071701.765
PX2 (135)	3154	3156	20110223071705.655	20110223071706.089
PX3 (140)	12999	13381	20110223064801.847	20110223064942.636
PX3 (140)	13411	13413	20110223064950.639	20110223064951.069
PX3 (140)	13414	13416	20110223064951.284	20110223064951.718
PX3 (140)	13443	13445	20110223064959.069	20110223064959.503
PX3 (140)	13456	13458	20110223065003.393	20110223065003.827
PX3 (140)	13459	13461	20110223065004.042	20110223065004.475
PX3 (140)	13475	13477	20110223065007.503	20110223065007.936
PX3 (140)	13686	13688	20110223065103.717	20110223065105.663
PX3 (140)	14632	14888	20110223065516.682	20110223065625.654
PX3 (140)	14889	14891	20110223065625.873	20110223065626.303
PX3 (140)	14891	14894	20110223065626.303	20110223065626.951
PX3 (140)	14895	14897	20110223065627.166	20110223065627.599
PX3 (140)	14900	14904	20110223065628.248	20110223065629.111
PX3 (140)	14904	14906	20110223065629.111	20110223065629.545
PX3 (140)	14907	14909	20110223065629.764	20110223065630.193
PX3 (140)	14910	14913	20110223065630.408	20110223065631.060
PX3 (140)	14914	14917	20110223065631.275	20110223065631.924
PX3 (140)	14917	14919	20110223065631.924	20110223065633.873
PX3 (140)	14922	14925	20110223065634.517	20110223065635.166
PX3 (140)	14934	14936	20110223065637.111	20110223065637.545
PX3 (140)	14939	14941	20110223065638.193	20110223065638.627
PX3 (140)	14942	14944	20110223065638.842	20110223065639.275
PX3 (140)	14944	14946	20110223065639.275	20110223065639.709
PX3 (140)	14948	14950	20110223065641.654	20110223065642.084
PX3 (140)	14951	14953	20110223065642.303	20110223065642.736
PX3 (140)	14958	14960	20110223065643.814	20110223065644.248
PX3 (140)	15106	15108	20110223065723.381	20110223065723.814
PX3 (140)	15108	15110	20110223065723.814	20110223065724.248
PX3 (140)	15128	15130	20110223065729.650	20110223065730.084
PX3 (140)	15146	15159	20110223065733.541	20110223065737.869
PX3 (140)	15160	15162	20110223065738.084	20110223065738.517
PX3 (140)	15163	15171	20110223065738.732	20110223065740.463
PX3 (140)	15187	15192	20110223065743.920	20110223065746.513
PX3 (140)	16047	16305	20110223070133.755	20110223070243.157
PX3 (140)	16305	16308	20110223070243.157	20110223070243.806
PX3 (140)	16308	16314	20110223070243.806	20110223070245.103
PX3 (140)	16314	16329	20110223070245.103	20110223070249.860
PX3 (140)	16330	16332	20110223070250.075	20110223070250.509
PX3 (140)	16334	16337	20110223070250.938	20110223070251.591
PX3 (140)	16337	16340	20110223070251.591	20110223070252.235
PX3 (140)	16342	16344	20110223070252.669	20110223070253.102
PX3 (140)	16345	16347	20110223070253.317	20110223070253.751
PX3 (140)	16351	16356	20110223070254.614	20110223070255.696
PX3 (140)	16356	16358	20110223070255.696	20110223070257.642
PX3 (140)	16360	16362	20110223070258.075	20110223070258.509
PX3 (140)	16364	16367	20110223070258.938	20110223070259.587
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Table 2 – continued from previous page

APID	Seq from	Seq to	Time from	Time to
PX3 (140)	16367	16369	20110223070259.587	20110223070300.020
PX3 (140)	16370	16372	20110223070300.239	20110223070300.669
PX3 (140)	16377	16382	20110223070301.751	20110223070302.833
PX3 (140)	16382	1	20110223070302.833	20110223070303.481
PX3 (140)	12	14	20110223070307.372	20110223070307.806
PX3 (140)	99	101	20110223070330.723	20110223070331.153
PX3 (140)	126	128	20110223070338.075	20110223070338.505
PX3 (140)	128	131	20110223070338.505	20110223070339.157
PX3 (140)	132	134	20110223070339.372	20110223070339.802
PX3 (140)	135	137	20110223070340.020	20110223070340.454
PX3 (140)	141	143	20110223070341.317	20110223070341.751
PX3 (140)	243	246	20110223070407.911	20110223070410.071
PX3 (140)	614	1024	20110223070547.797	20110223070737.633
PX3 (140)	1024	1026	20110223070737.633	20110223070738.067
PX3 (140)	1027	1029	20110223070738.285	20110223070738.715
PX3 (140)	1033	1035	20110223070739.582	20110223070740.012
PX3 (140)	1036	1038	20110223070740.227	20110223070740.660
PX3 (140)	1038	1040	20110223070740.660	20110223070741.094
PX3 (140)	1110	1112	20110223070759.254	20110223070759.688
PX3 (140)	1175	1177	20110223070817.848	20110223070818.281
PX3 (140)	1187	1189	20110223070820.445	20110223070820.875
PX3 (140)	1195	1197	20110223070822.172	20110223070822.606
PX3 (140)	1198	1200	20110223070822.824	20110223070823.254
PX3 (140)	1214	1216	20110223070827.797	20110223070828.227
PX3 (140)	1247	1249	20110223070836.442	20110223070836.875
PX3 (140)	1270	1303	20110223070842.930	20110223070851.578
PX3 (140)	2197	2464	20110223071250.312	20110223071401.660
PX3 (140)	2464	2474	20110223071401.660	20110223071403.824
PX3 (140)	2474	2480	20110223071403.824	20110223071405.120
PX3 (140)	2480	2486	20110223071405.120	20110223071406.417
PX3 (140)	2486	2493	20110223071406.417	20110223071407.933
PX3 (140)	2493	2504	20110223071407.933	20110223071411.824
PX3 (140)	2504	2510	20110223071411.824	20110223071413.120
PX3 (140)	2510	2513	20110223071413.120	20110223071413.769
PX3 (140)	2513	2519	20110223071413.769	20110223071415.066
PX3 (140)	2519	2550	20110223071415.066	20110223071423.281
PX3 (140)	2550	2554	20110223071423.281	20110223071425.659
PX3 (140)	2577	3067	20110223071430.632	20110223071642.304
PX3 (140)	3067	3072	20110223071642.304	20110223071643.386
PX3 (140)	3072	3074	20110223071643.386	20110223071643.819
PX3 (140)	3074	3078	20110223071643.819	20110223071644.683
PX3 (140)	3078	3089	20110223071644.683	20110223071647.062
PX3 (140)	3090	3094	20110223071647.276	20110223071649.655
PX3 (140)	3103	3106	20110223071651.601	20110223071652.253
PX3 (140)	3107	3110	20110223071652.468	20110223071653.116
PX3 (140)	3113	3119	20110223071653.765	20110223071655.061
PX3 (140)	3119	3122	20110223071655.061	20110223071655.710
PX3 (140)	3132	3134	20110223071659.386	20110223071659.819
PX3 (140)	3140	3144	20110223071701.116	20110223071701.979
PX3 (140)	3154	3156	20110223071705.655	20110223071706.089
PX4 (145)	12999	13379	20110223064801.847	20110223064942.206
PX4 (145)	13379	13381	20110223064942.206	20110223064942.636
PX4 (145)	13382	13384	20110223064942.854	20110223064943.288
Continued on next page				

Table 2 – continued from previous page

APID	Seq from	Seq to	Time from	Time to
PX4 (145)	13406	13408	20110223064949.557	20110223064949.987
PX4 (145)	13411	13413	20110223064950.639	20110223064951.069
PX4 (145)	13414	13416	20110223064951.284	20110223064951.718
PX4 (145)	13435	13437	20110223064957.339	20110223064957.772
PX4 (145)	13441	13443	20110223064958.636	20110223064959.069
PX4 (145)	13445	13447	20110223064959.503	20110223064959.932
PX4 (145)	13456	13458	20110223065003.393	20110223065003.827
PX4 (145)	13459	13461	20110223065004.042	20110223065004.475
PX4 (145)	13474	13476	20110223065007.284	20110223065007.718
PX4 (145)	14632	14886	20110223065516.682	20110223065623.709
PX4 (145)	14886	14889	20110223065623.709	20110223065625.873
PX4 (145)	14889	14891	20110223065625.873	20110223065626.303
PX4 (145)	14891	14893	20110223065626.303	20110223065626.736
PX4 (145)	14895	14897	20110223065627.166	20110223065627.599
PX4 (145)	14900	14903	20110223065628.248	20110223065628.896
PX4 (145)	14904	14906	20110223065629.111	20110223065629.545
PX4 (145)	14907	14909	20110223065629.764	20110223065630.193
PX4 (145)	14909	14913	20110223065630.193	20110223065631.060
PX4 (145)	14913	14916	20110223065631.060	20110223065631.709
PX4 (145)	14917	14919	20110223065631.924	20110223065633.873
PX4 (145)	14920	14922	20110223065634.088	20110223065634.517
PX4 (145)	14923	14925	20110223065634.732	20110223065635.166
PX4 (145)	14934	14936	20110223065637.111	20110223065637.545
PX4 (145)	14937	14939	20110223065637.760	20110223065638.193
PX4 (145)	14939	14941	20110223065638.193	20110223065638.627
PX4 (145)	14942	14945	20110223065638.842	20110223065639.490
PX4 (145)	14948	14950	20110223065641.654	20110223065642.084
PX4 (145)	14950	14953	20110223065642.084	20110223065642.736
PX4 (145)	14958	14962	20110223065643.814	20110223065644.681
PX4 (145)	15051	15053	20110223065708.463	20110223065708.896
PX4 (145)	15109	15111	20110223065724.029	20110223065724.463
PX4 (145)	15111	15113	20110223065724.463	20110223065724.896
PX4 (145)	15127	15130	20110223065727.920	20110223065730.084
PX4 (145)	15146	15159	20110223065733.541	20110223065737.869
PX4 (145)	15160	15162	20110223065738.084	20110223065738.517
PX4 (145)	15162	15165	20110223065738.517	20110223065739.166
PX4 (145)	15165	15170	20110223065739.166	20110223065740.248
PX4 (145)	15188	15192	20110223065745.650	20110223065746.513
PX4 (145)	15192	15194	20110223065746.513	20110223065746.947
PX4 (145)	16047	16307	20110223070133.755	20110223070243.587
PX4 (145)	16307	16309	20110223070243.587	20110223070244.020
PX4 (145)	16310	16320	20110223070244.239	20110223070246.399
PX4 (145)	16320	16324	20110223070246.399	20110223070247.267
PX4 (145)	16324	16329	20110223070247.267	20110223070249.860
PX4 (145)	16330	16332	20110223070250.075	20110223070250.509
PX4 (145)	16334	16336	20110223070250.938	20110223070251.372
PX4 (145)	16337	16340	20110223070251.591	20110223070252.235
PX4 (145)	16340	16342	20110223070252.235	20110223070252.669
PX4 (145)	16342	16344	20110223070252.669	20110223070253.102
PX4 (145)	16351	16355	20110223070254.614	20110223070255.481
PX4 (145)	16356	16358	20110223070255.696	20110223070257.642
PX4 (145)	16360	16362	20110223070258.075	20110223070258.509
PX4 (145)	16364	16367	20110223070258.938	20110223070259.587
Continued on next page				

Table 2 – continued from previous page

APID	Seq from	Seq to	Time from	Time to
PX4 (145)	16367	16369	20110223070259.587	20110223070300.020
PX4 (145)	16370	16372	20110223070300.239	20110223070300.669
PX4 (145)	16377	16382	20110223070301.751	20110223070302.833
PX4 (145)	16382	1	20110223070302.833	20110223070303.481
PX4 (145)	29	31	20110223070311.048	20110223070311.481
PX4 (145)	140	142	20110223070341.098	20110223070341.532
PX4 (145)	217	219	20110223070402.290	20110223070402.720
PX4 (145)	613	1021	20110223070547.583	20110223070735.473
PX4 (145)	1021	1024	20110223070735.473	20110223070737.633
PX4 (145)	1026	1028	20110223070738.067	20110223070738.500
PX4 (145)	1030	1032	20110223070738.930	20110223070739.364
PX4 (145)	1037	1039	20110223070740.446	20110223070740.879
PX4 (145)	1040	1042	20110223070741.094	20110223070741.528
PX4 (145)	1042	1044	20110223070741.528	20110223070741.957
PX4 (145)	1108	1110	20110223070758.824	20110223070759.254
PX4 (145)	1164	1167	20110223070813.957	20110223070814.606
PX4 (145)	1170	1173	20110223070815.254	20110223070815.903
PX4 (145)	1177	1179	20110223070818.281	20110223070818.715
PX4 (145)	1179	1181	20110223070818.715	20110223070819.145
PX4 (145)	1181	1183	20110223070819.145	20110223070819.578
PX4 (145)	1200	1202	20110223070823.254	20110223070823.688
PX4 (145)	1202	1204	20110223070823.688	20110223070825.633
PX4 (145)	1205	1207	20110223070825.852	20110223070826.281
PX4 (145)	1218	1220	20110223070828.660	20110223070829.094
PX4 (145)	1225	1227	20110223070830.176	20110223070830.606
PX4 (145)	1270	1303	20110223070842.930	20110223070851.578
PX4 (145)	2197	2480	20110223071250.312	20110223071405.120
PX4 (145)	2480	2484	20110223071405.120	20110223071405.984
PX4 (145)	2484	2486	20110223071405.984	20110223071406.417
PX4 (145)	2487	2504	20110223071406.636	20110223071411.824
PX4 (145)	2504	2508	20110223071411.824	20110223071412.687
PX4 (145)	2508	2517	20110223071412.687	20110223071414.632
PX4 (145)	2517	2548	20110223071414.632	20110223071422.851
PX4 (145)	2548	2551	20110223071422.851	20110223071423.499
PX4 (145)	2552	2554	20110223071423.714	20110223071425.659
PX4 (145)	2577	3067	20110223071430.632	20110223071642.304
PX4 (145)	3067	3070	20110223071642.304	20110223071642.952
PX4 (145)	3070	3072	20110223071642.952	20110223071643.386
PX4 (145)	3072	3078	20110223071643.386	20110223071644.683
PX4 (145)	3078	3090	20110223071644.683	20110223071647.276
PX4 (145)	3091	3094	20110223071647.495	20110223071649.655
PX4 (145)	3103	3106	20110223071651.601	20110223071652.253
PX4 (145)	3106	3108	20110223071652.253	20110223071652.683
PX4 (145)	3108	3111	20110223071652.683	20110223071653.331
PX4 (145)	3111	3113	20110223071653.331	20110223071653.765
PX4 (145)	3113	3115	20110223071653.765	20110223071654.194
PX4 (145)	3115	3117	20110223071654.194	20110223071654.628
PX4 (145)	3118	3121	20110223071654.847	20110223071655.495
PX4 (145)	3124	3126	20110223071657.655	20110223071658.089
PX4 (145)	3140	3143	20110223071701.116	20110223071701.765
PX4 (145)	3154	3156	20110223071705.655	20110223071706.089
IMG (150)	10359	10788	20110223064801.847	20110223064942.421
IMG (150)	10788	10793	20110223064942.421	20110223064943.503
Continued on next page				

Table 2 – continued from previous page

APID	Seq from	Seq to	Time from	Time to
IMG (150)	10793	10795	20110223064943.503	20110223064943.936
IMG (150)	10808	10810	20110223064947.393	20110223064947.827
IMG (150)	10813	10815	20110223064948.475	20110223064948.909
IMG (150)	10818	10820	20110223064949.557	20110223064949.987
IMG (150)	10822	10824	20110223064950.421	20110223064950.854
IMG (150)	10843	10845	20110223064955.608	20110223064956.042
IMG (150)	10851	10853	20110223064957.339	20110223064957.772
IMG (150)	10857	10859	20110223064958.636	20110223064959.069
IMG (150)	10861	10863	20110223064959.503	20110223064959.932
IMG (150)	10876	10878	20110223065003.393	20110223065003.827
IMG (150)	10879	10881	20110223065004.042	20110223065004.475
IMG (150)	10884	10886	20110223065005.124	20110223065005.557
IMG (150)	11036	11038	20110223065041.014	20110223065041.663
IMG (150)	12207	12503	20110223065516.467	20110223065626.303
IMG (150)	12503	12507	20110223065626.303	20110223065627.166
IMG (150)	12507	12509	20110223065627.166	20110223065627.599
IMG (150)	12512	12514	20110223065628.248	20110223065628.681
IMG (150)	12514	12517	20110223065628.681	20110223065629.330
IMG (150)	12519	12522	20110223065629.764	20110223065630.408
IMG (150)	12525	12527	20110223065631.060	20110223065631.490
IMG (150)	12532	12535	20110223065633.006	20110223065633.873
IMG (150)	12536	12538	20110223065634.088	20110223065634.517
IMG (150)	12550	12552	20110223065637.111	20110223065637.545
IMG (150)	12553	12555	20110223065637.760	20110223065638.193
IMG (150)	12559	12561	20110223065639.056	20110223065639.490
IMG (150)	12568	12570	20110223065641.654	20110223065642.084
IMG (150)	12570	12573	20110223065642.084	20110223065642.736
IMG (150)	12578	12582	20110223065643.814	20110223065644.681
IMG (150)	12684	12686	20110223065708.681	20110223065709.111
IMG (150)	12751	12753	20110223065724.463	20110223065724.896
IMG (150)	12771	12773	20110223065729.217	20110223065729.869
IMG (150)	12789	12808	20110223065733.326	20110223065738.084
IMG (150)	12808	12818	20110223065738.084	20110223065740.248
IMG (150)	12837	12844	20110223065744.572	20110223065746.513
IMG (150)	12844	12847	20110223065746.513	20110223065747.166
IMG (150)	13811	14104	20110223070133.755	20110223070242.942
IMG (150)	14104	14117	20110223070242.942	20110223070245.751
IMG (150)	14117	14120	20110223070245.751	20110223070246.399
IMG (150)	14121	14128	20110223070246.614	20110223070248.345
IMG (150)	14132	14135	20110223070249.642	20110223070250.290
IMG (150)	14136	14138	20110223070250.509	20110223070250.938
IMG (150)	14138	14140	20110223070250.938	20110223070251.372
IMG (150)	14141	14144	20110223070251.591	20110223070252.235
IMG (150)	14144	14146	20110223070252.235	20110223070252.669
IMG (150)	14146	14148	20110223070252.669	20110223070253.102
IMG (150)	14149	14151	20110223070253.317	20110223070253.751
IMG (150)	14152	14154	20110223070253.966	20110223070254.399
IMG (150)	14154	14159	20110223070254.399	20110223070255.481
IMG (150)	14172	14175	20110223070258.938	20110223070259.587
IMG (150)	14175	14177	20110223070259.587	20110223070300.020
IMG (150)	14179	14181	20110223070300.454	20110223070300.884
IMG (150)	14182	14184	20110223070301.102	20110223070301.536
IMG (150)	14184	14194	20110223070301.536	20110223070303.696
Continued on next page				

Table 2 – continued from previous page

APID	Seq from	Seq to	Time from	Time to
IMG (150)	14209	14211	20110223070307.587	20110223070308.020
IMG (150)	14215	14217	20110223070308.888	20110223070309.317
IMG (150)	14267	14269	20110223070321.208	20110223070321.860
IMG (150)	14307	14309	20110223070330.723	20110223070331.153
IMG (150)	14330	14332	20110223070335.696	20110223070336.345
IMG (150)	14441	14443	20110223070402.290	20110223070402.720
IMG (150)	14456	14458	20110223070405.532	20110223070405.966
IMG (150)	14471	14473	20110223070409.208	20110223070409.856
IMG (150)	14889	15352	20110223070547.583	20110223070736.336
IMG (150)	15353	15355	20110223070736.555	20110223070737.203
IMG (150)	15364	15366	20110223070739.364	20110223070739.797
IMG (150)	15368	15371	20110223070740.227	20110223070740.879
IMG (150)	15374	15376	20110223070741.528	20110223070741.957
IMG (150)	15518	15520	20110223070815.254	20110223070815.688
IMG (150)	15582	15584	20110223070830.391	20110223070830.820
IMG (150)	15634	15671	20110223070842.930	20110223070851.578
IMG (150)	300	623	20110223071250.097	20110223071405.769
IMG (150)	624	636	20110223071405.984	20110223071409.011
IMG (150)	636	644	20110223071409.011	20110223071410.960
IMG (150)	644	688	20110223071410.960	20110223071421.120
IMG (150)	688	694	20110223071421.120	20110223071422.417
IMG (150)	694	698	20110223071422.417	20110223071423.281
IMG (150)	728	1280	20110223071430.417	20110223071640.358
IMG (150)	1280	1290	20110223071640.358	20110223071642.952
IMG (150)	1290	1292	20110223071642.952	20110223071643.386
IMG (150)	1292	1299	20110223071643.386	20110223071644.901
IMG (150)	1299	1310	20110223071644.901	20110223071647.276
IMG (150)	1310	1314	20110223071647.276	20110223071648.358
IMG (150)	1327	1332	20110223071651.601	20110223071652.683
IMG (150)	1332	1335	20110223071652.683	20110223071653.331
IMG (150)	1335	1337	20110223071653.331	20110223071653.765
IMG (150)	1337	1339	20110223071653.765	20110223071654.194
IMG (150)	1341	1347	20110223071654.628	20110223071655.925
IMG (150)	1352	1354	20110223071657.655	20110223071658.089
IMG (150)	1367	1371	20110223071700.901	20110223071701.765
IMG (150)	1386	1388	20110223071705.655	20110223071706.089
VER (160)	13085	13146	20110223064759.901	20110223064943.936
VER (160)	13146	13150	20110223064943.936	20110223064943.936
VER (160)	13151	13155	20110223064951.936	20110223064951.936
VER (160)	13192	13194	20110223065055.932	20110223065055.932
VER (160)	13195	13198	20110223065055.932	20110223065103.932
VER (160)	13355	13403	20110223065511.928	20110223065631.924
VER (160)	13403	13405	20110223065631.924	20110223065631.924
VER (160)	13406	13408	20110223065639.924	20110223065639.924
VER (160)	13440	13451	20110223065727.920	20110223065751.920
VER (160)	13590	13637	20110223070127.915	20110223070247.696
VER (160)	13637	13640	20110223070247.696	20110223070247.696
VER (160)	13640	13642	20110223070247.696	20110223070255.915
VER (160)	13647	13649	20110223070303.911	20110223070303.911
VER (160)	13662	13664	20110223070327.911	20110223070327.911
VER (160)	13666	13669	20110223070335.911	20110223070335.911
VER (160)	13680	13682	20110223070351.911	20110223070359.911
VER (160)	13750	13820	20110223070543.907	20110223070735.903

Continued on next page

Table 2 – continued from previous page

APID	Seq from	Seq to	Time from	Time to
VER (160)	13845	13849	20110223070815.903	20110223070823.903
VER (160)	13850	13853	20110223070823.903	20110223070831.902
VER (160)	13858	13860	20110223070839.902	20110223070839.902
VER (160)	13860	13866	20110223070839.902	20110223070855.902
VER (160)	14015	14074	20110223071247.933	20110223071423.933
VER (160)	14075	14160	20110223071423.933	20110223071430.632
VER (160)	14160	14163	20110223071430.632	20110223071647.495
VER (160)	14165	14167	20110223071647.495	20110223071655.925
VER (160)	14167	14170	20110223071655.925	20110223071655.925
VER (160)	14171	14174	20110223071703.925	20110223071703.925
AUX (180)	15723	15736	20110223064800.335	20110223064944.366
AUX (180)	15777	15787	20110223065512.357	20110223065632.357
AUX (180)	15794	15796	20110223065728.353	20110223065744.353
AUX (180)	15824	15834	20110223070128.349	20110223070248.345
AUX (180)	15856	15870	20110223070544.340	20110223070736.336
AUX (180)	15878	15880	20110223070840.336	20110223070856.336
AUX (180)	15909	15921	20110223071248.367	20110223071424.363
AUX (180)	15921	15938	20110223071424.363	20110223071640.358

Table 2: L0 data gaps

3 Instrument modes

Time	Transition from	Transition to
23/02/2011 00:00:11	-	Normal operation

Table 3: Instrument modes

4 L0 and L1 Data Quality

Flag	Value	Action
L0 IASI PDUs	481	-
L1 ENG PDUs	480	-
L1 ENG distinct GEPSGranule	481	-
GQisFlagQual set (PX1)	99.04 %	-
GQisFlagQual set (PX2)	98.91 %	-
GQisFlagQual set (PX3)	99.00 %	-
GQisFlagQual set (PX4)	99.11 %	-
GQisFlagQual set (all)	99.01 %	-

Table 4: Quality flags

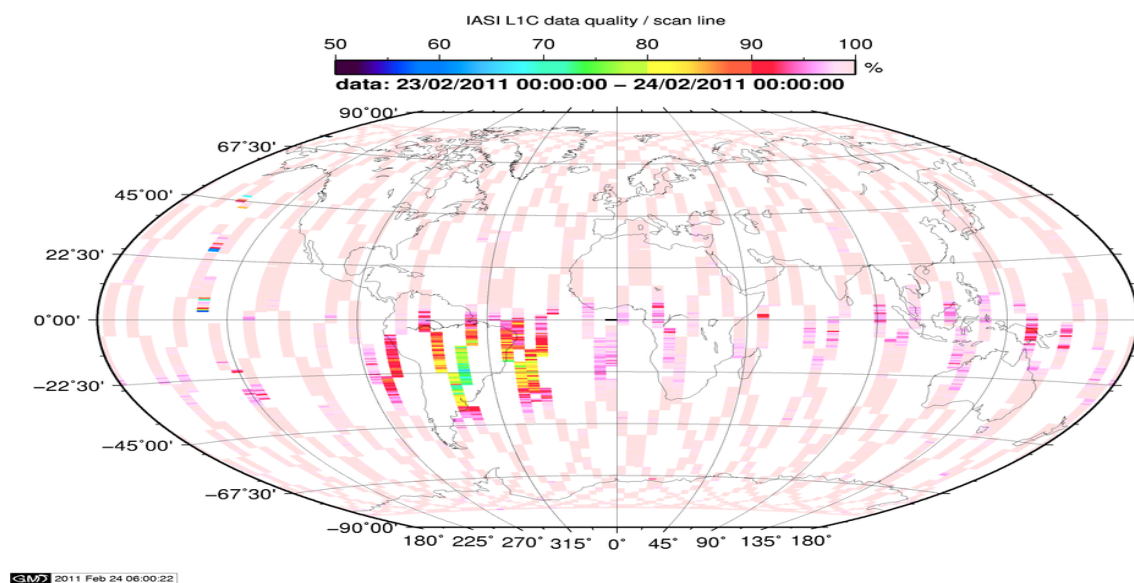


Figure 1: L1C data quality

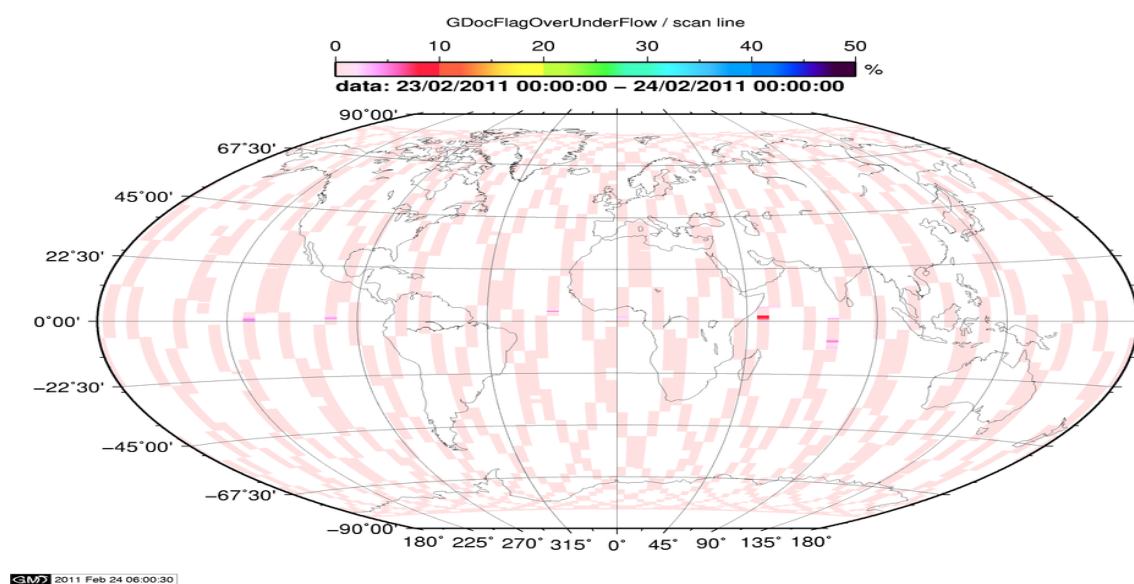


Figure 2: Flag of Over and Under Flows

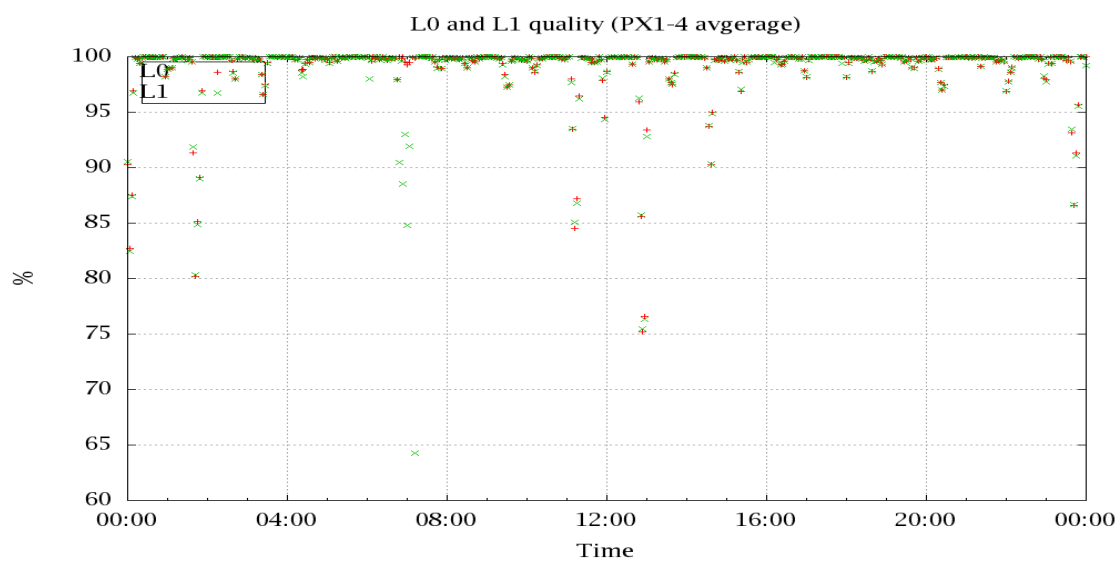


Figure 3: Level 0 and 1C overall quality

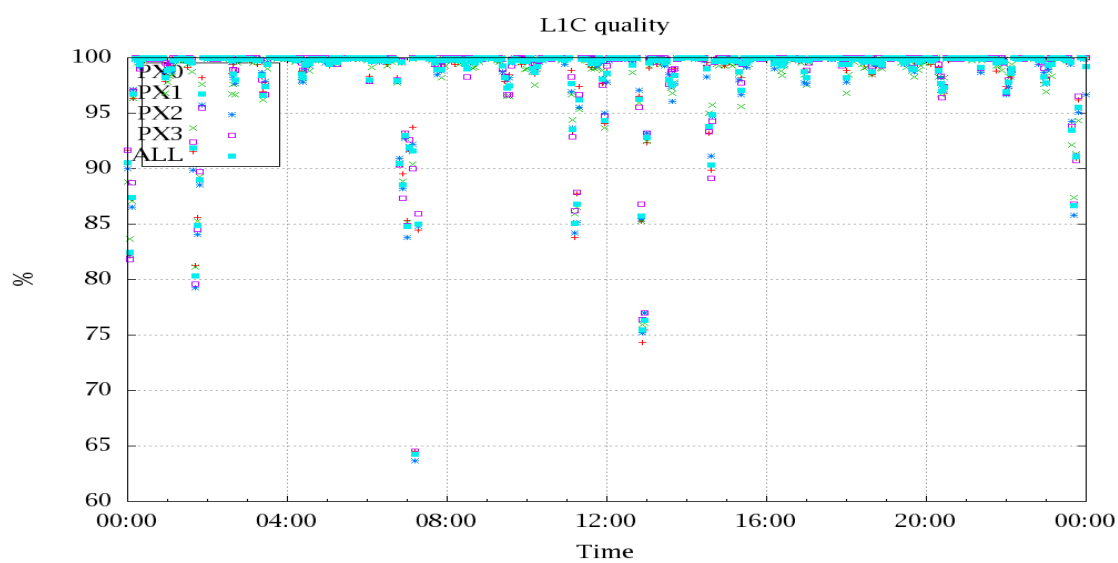


Figure 4: Level 1C quality

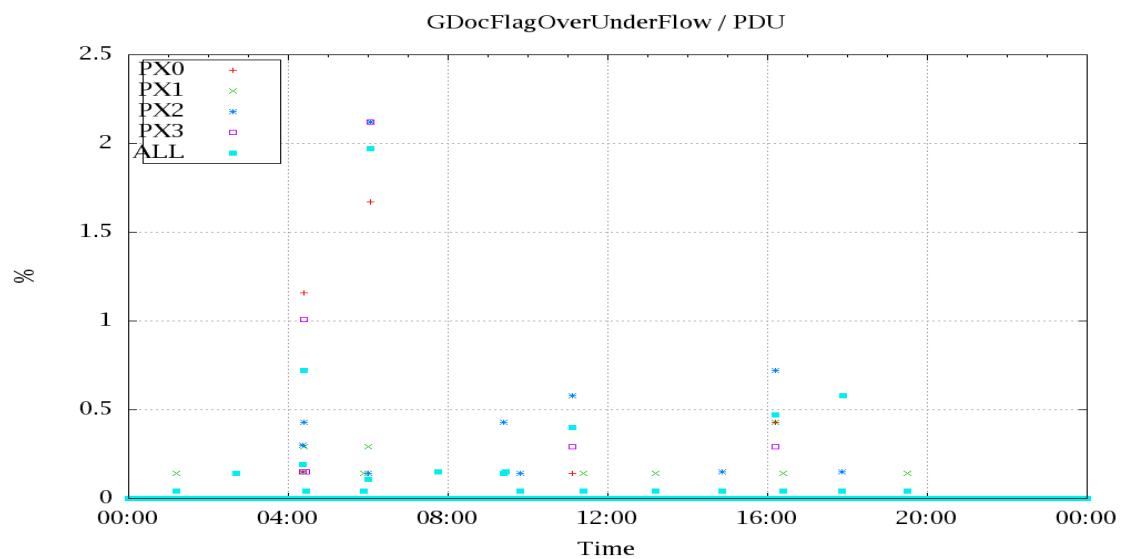


Figure 5: OverUnderFlowFlag timeseries

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.

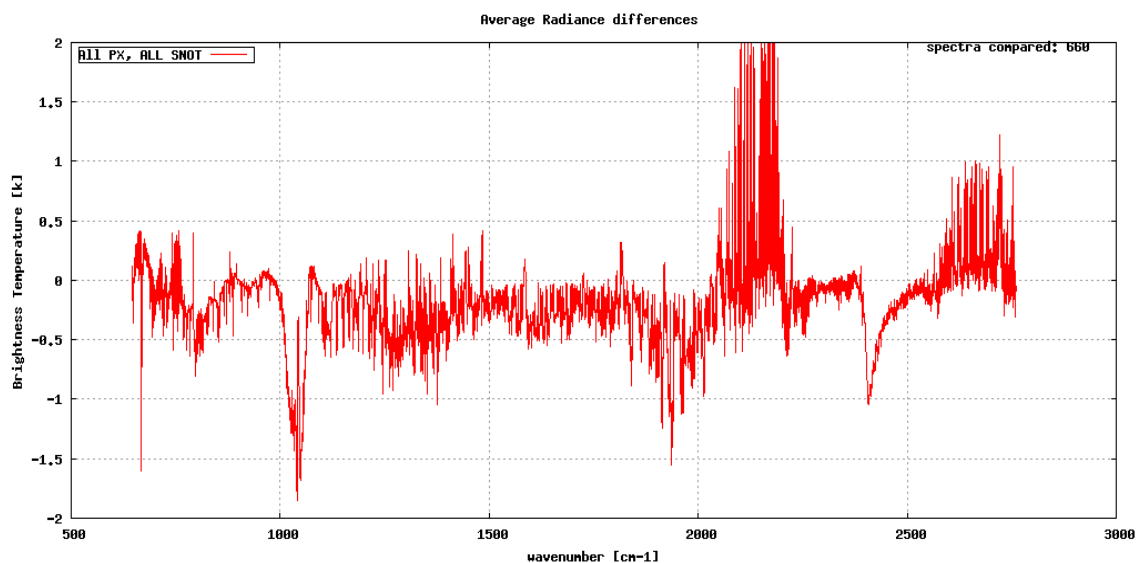


Figure 6: Average Radiance differences: OBS-CAL

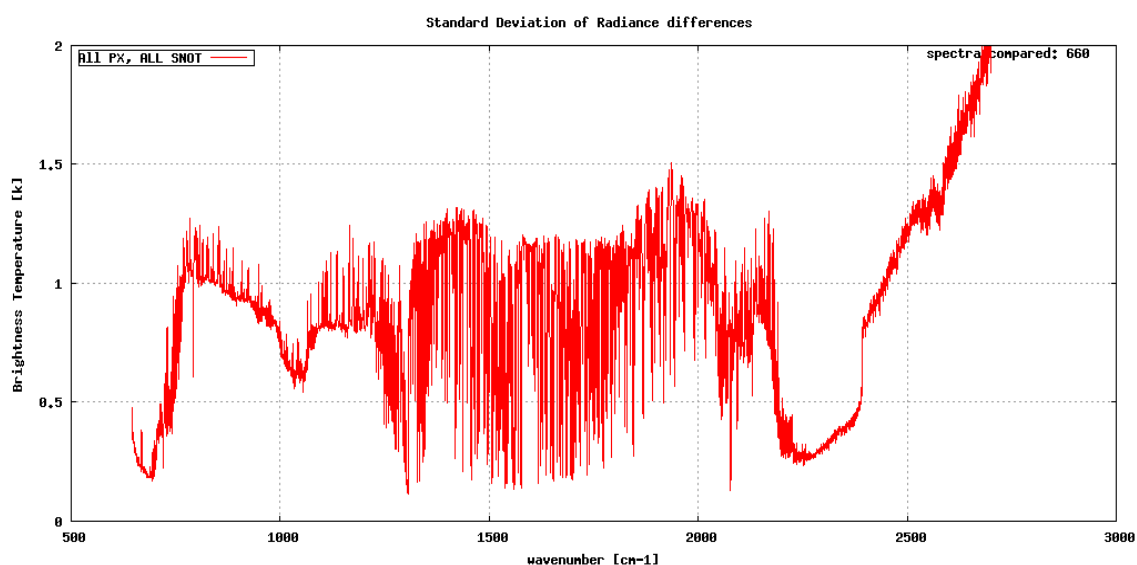


Figure 7: Standard Deviation of Radiance differences

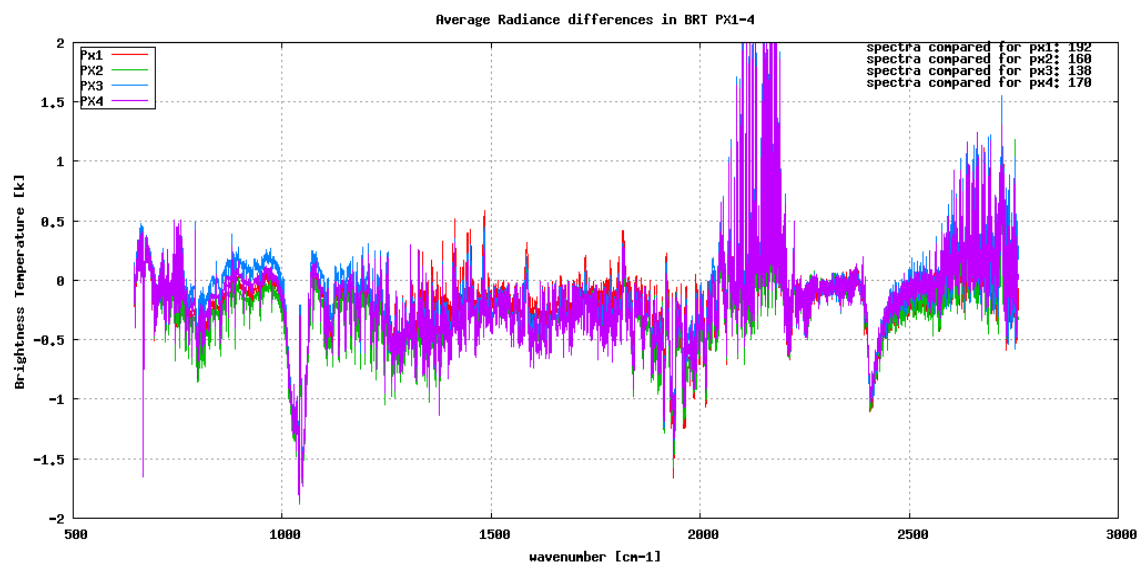


Figure 8: Average Radiance differences: OBS-CAL

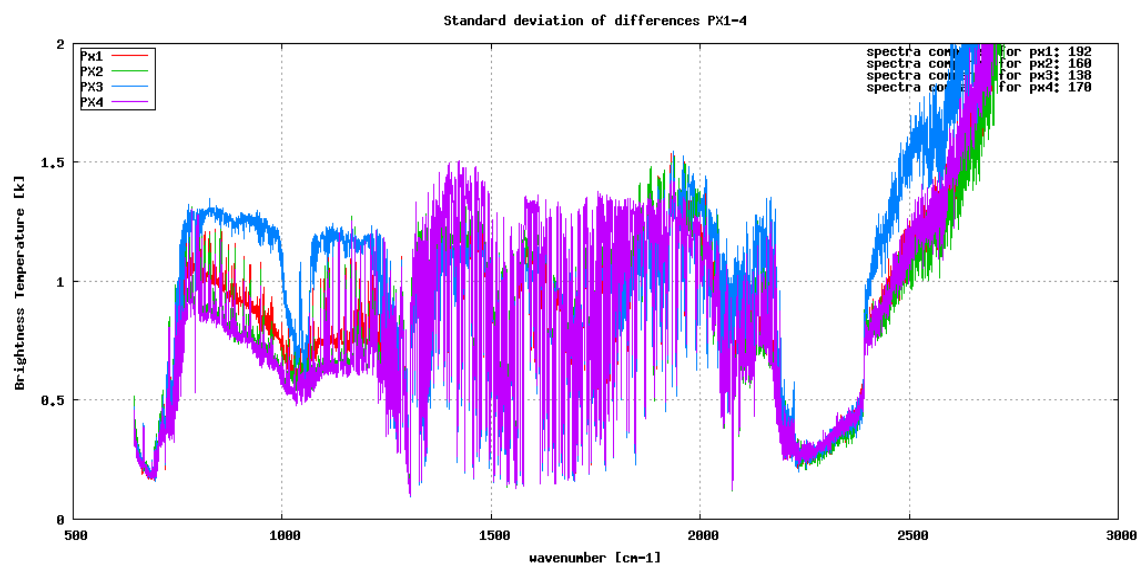


Figure 9: Standard Deviation of Radiance differences

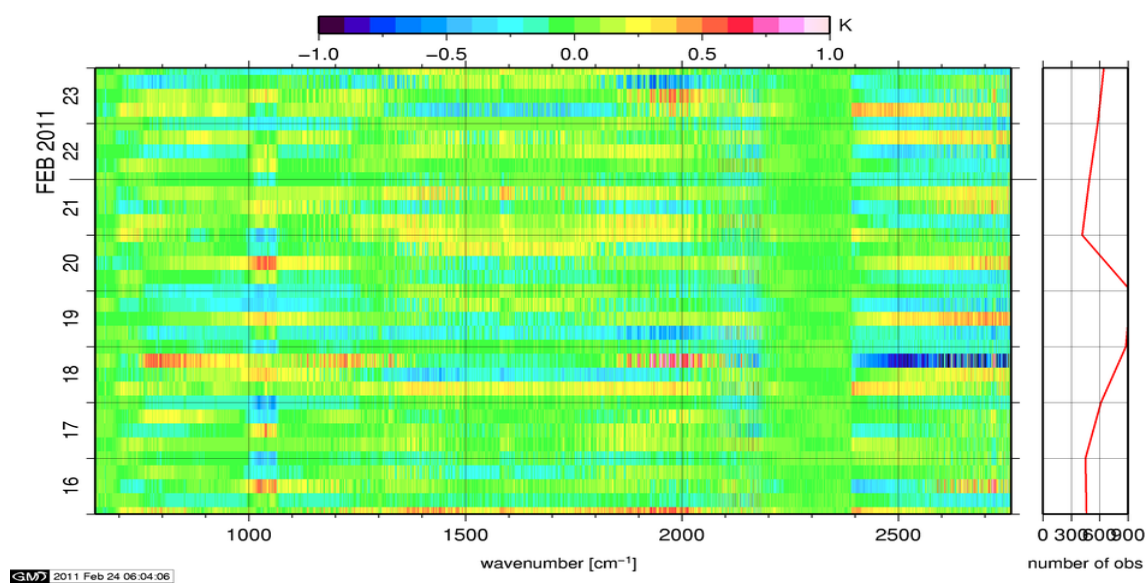


Figure 10: Radiance Anomaly in BRT: All Channels

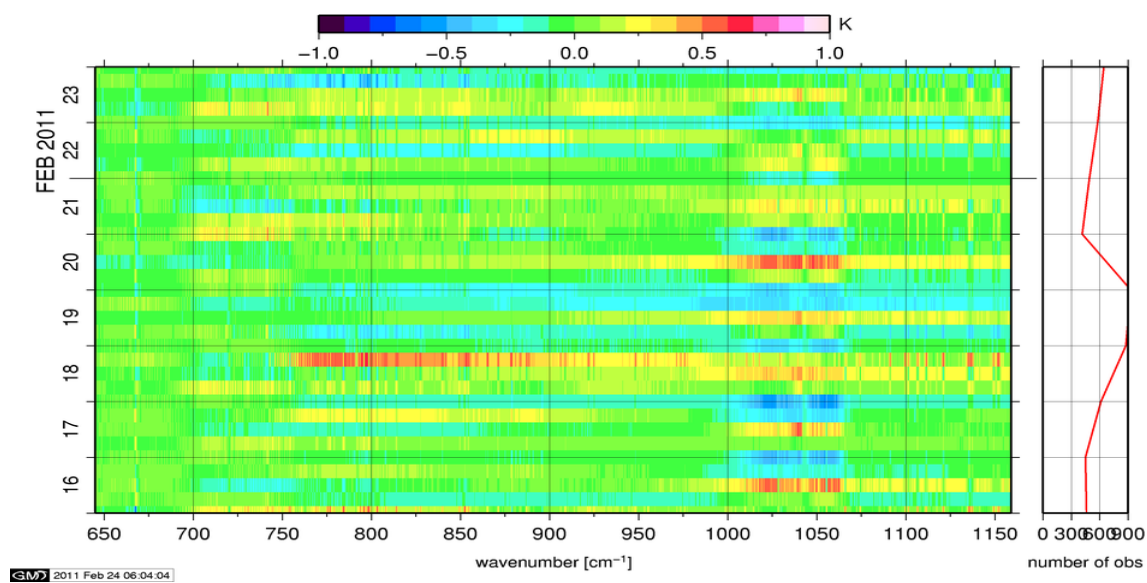


Figure 11: Radiance Anomaly in BRT: IASI Band 1

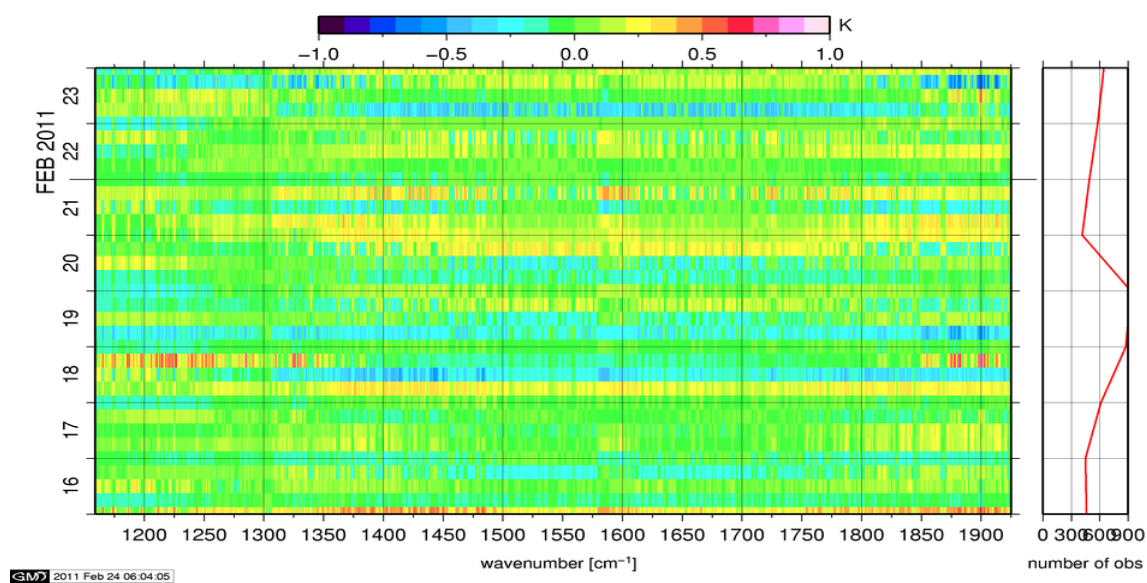


Figure 12: Radiance Anomaly in BRT: IASI Band 2

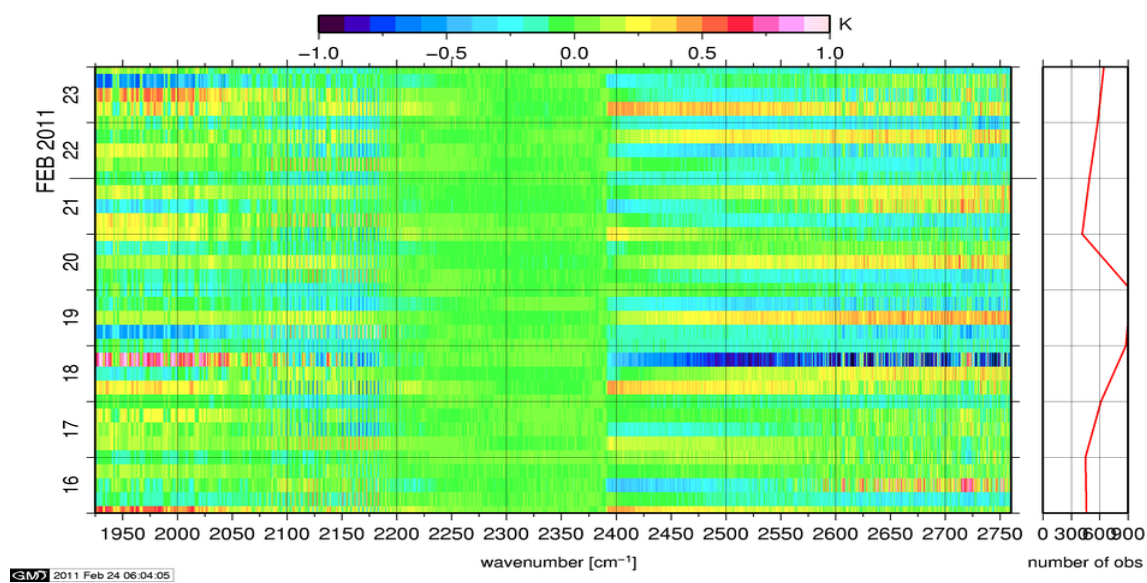


Figure 13: Radiance Anomaly in BRT: IASI Band 3

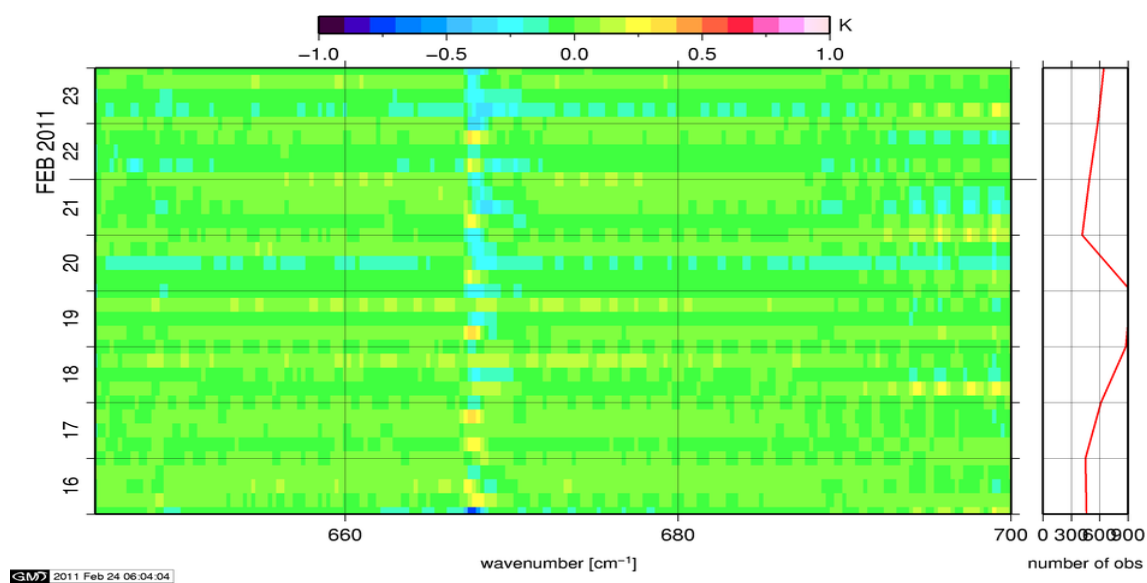


Figure 14: Radiance Anomaly in BRT: CO2 14

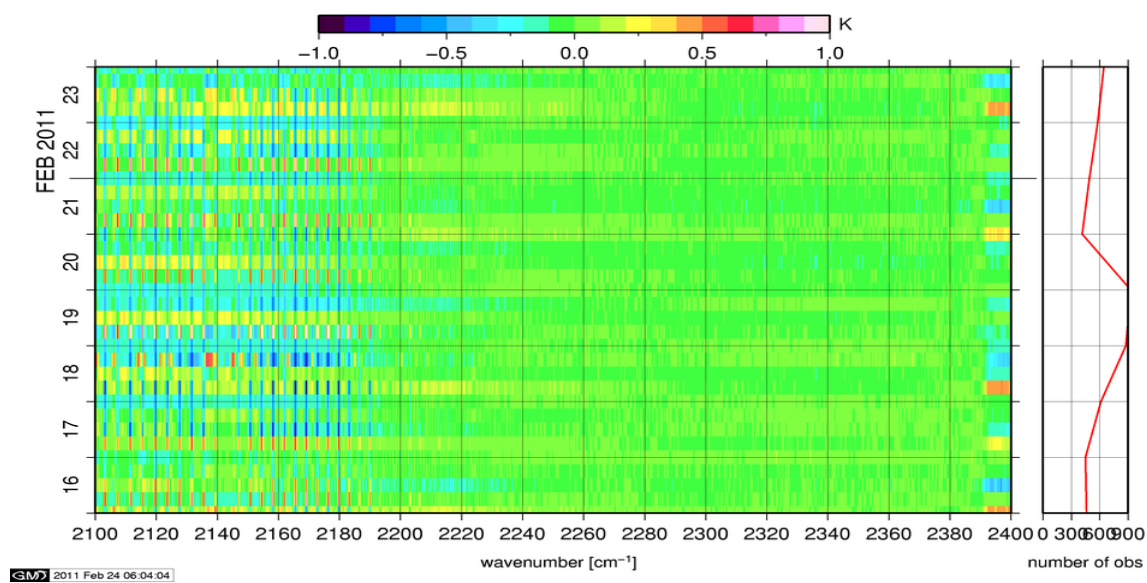


Figure 15: Radiance Anomaly in BRT: CO2 4.3

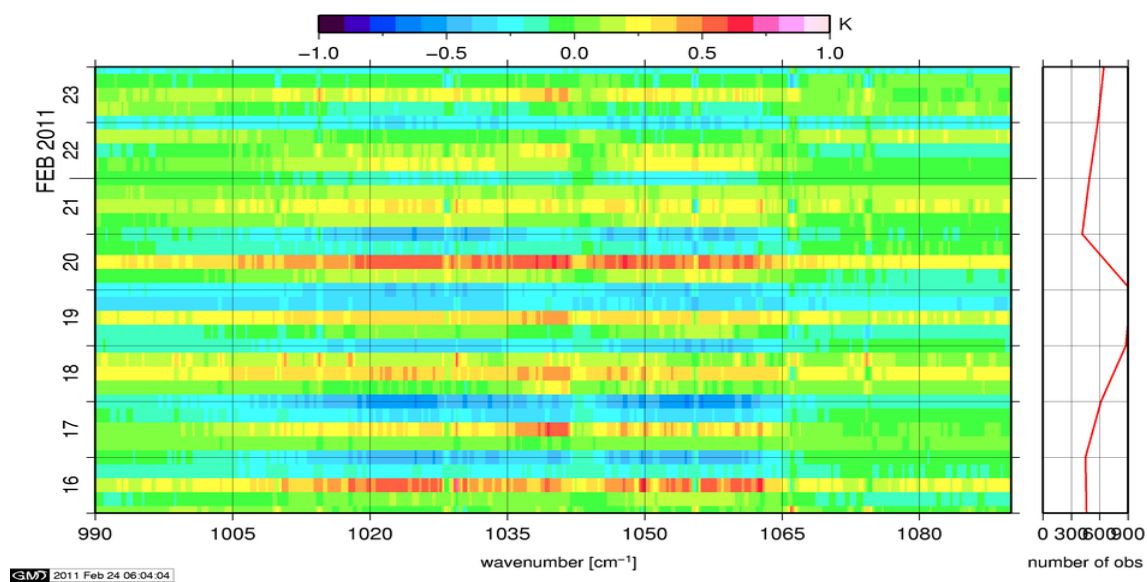


Figure 16: Radiance Anomaly in BRT: O3

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.

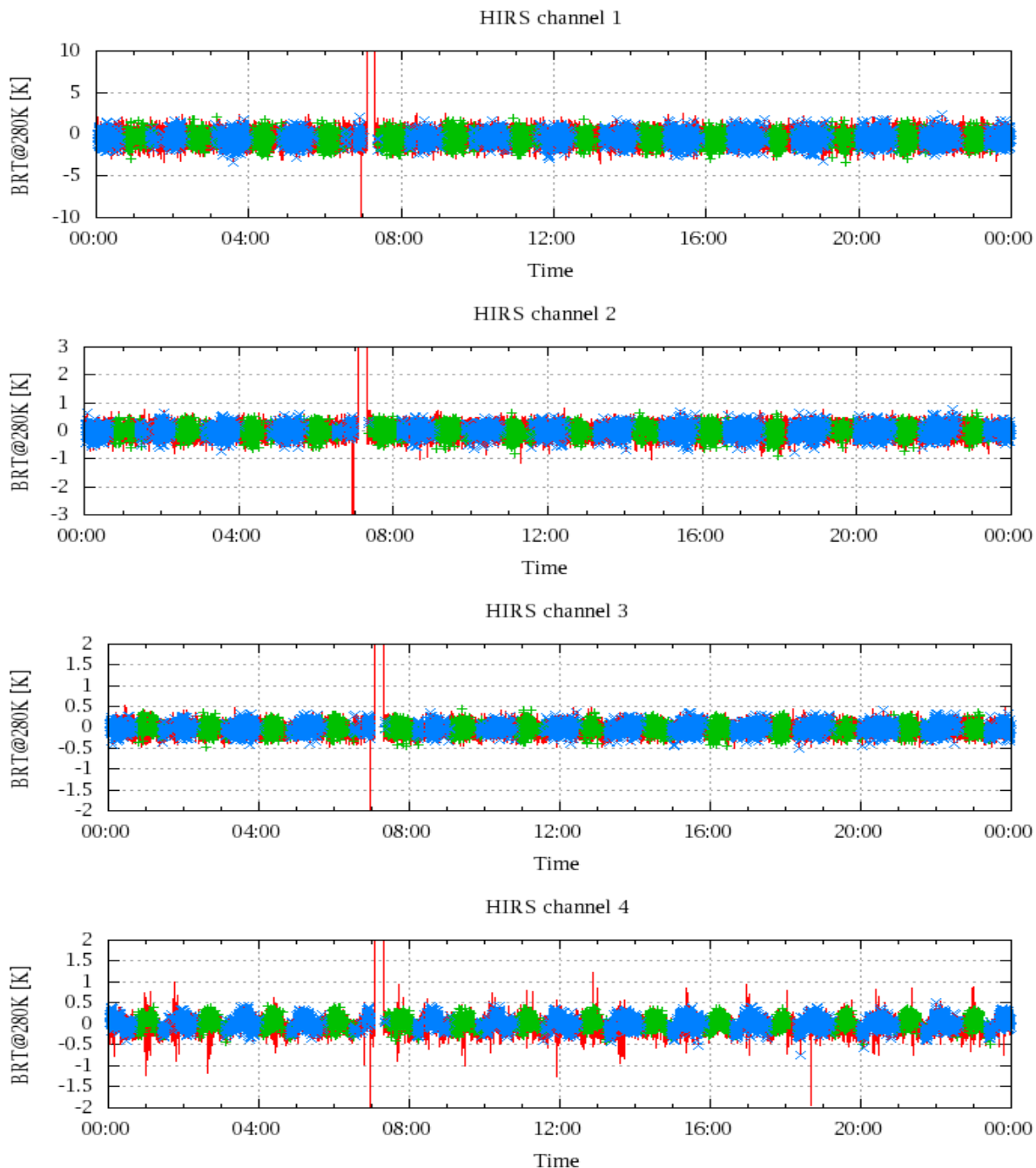


Figure 17: Radiance Differences in BRT

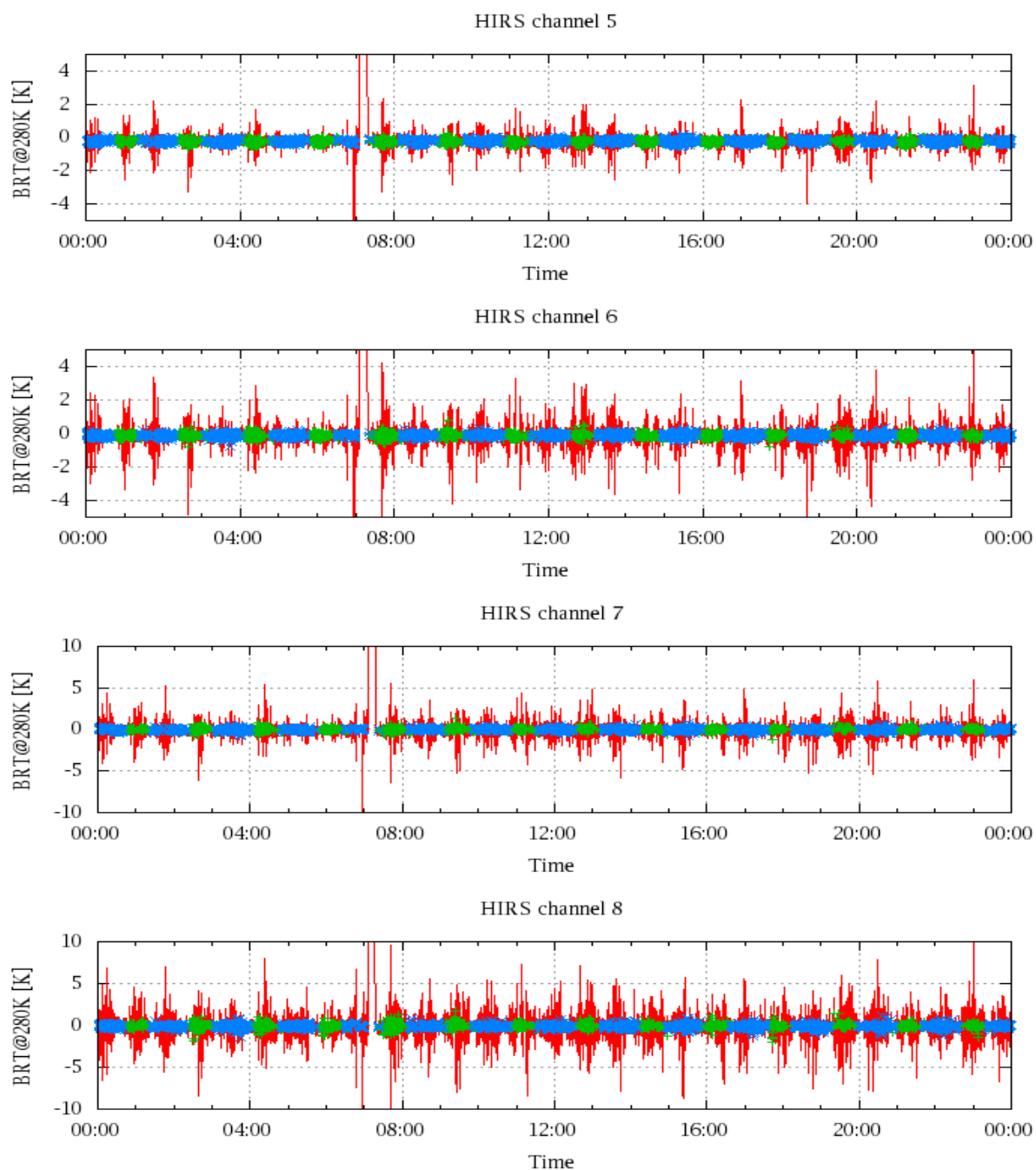


Figure 18: Radiance Differences in BRT

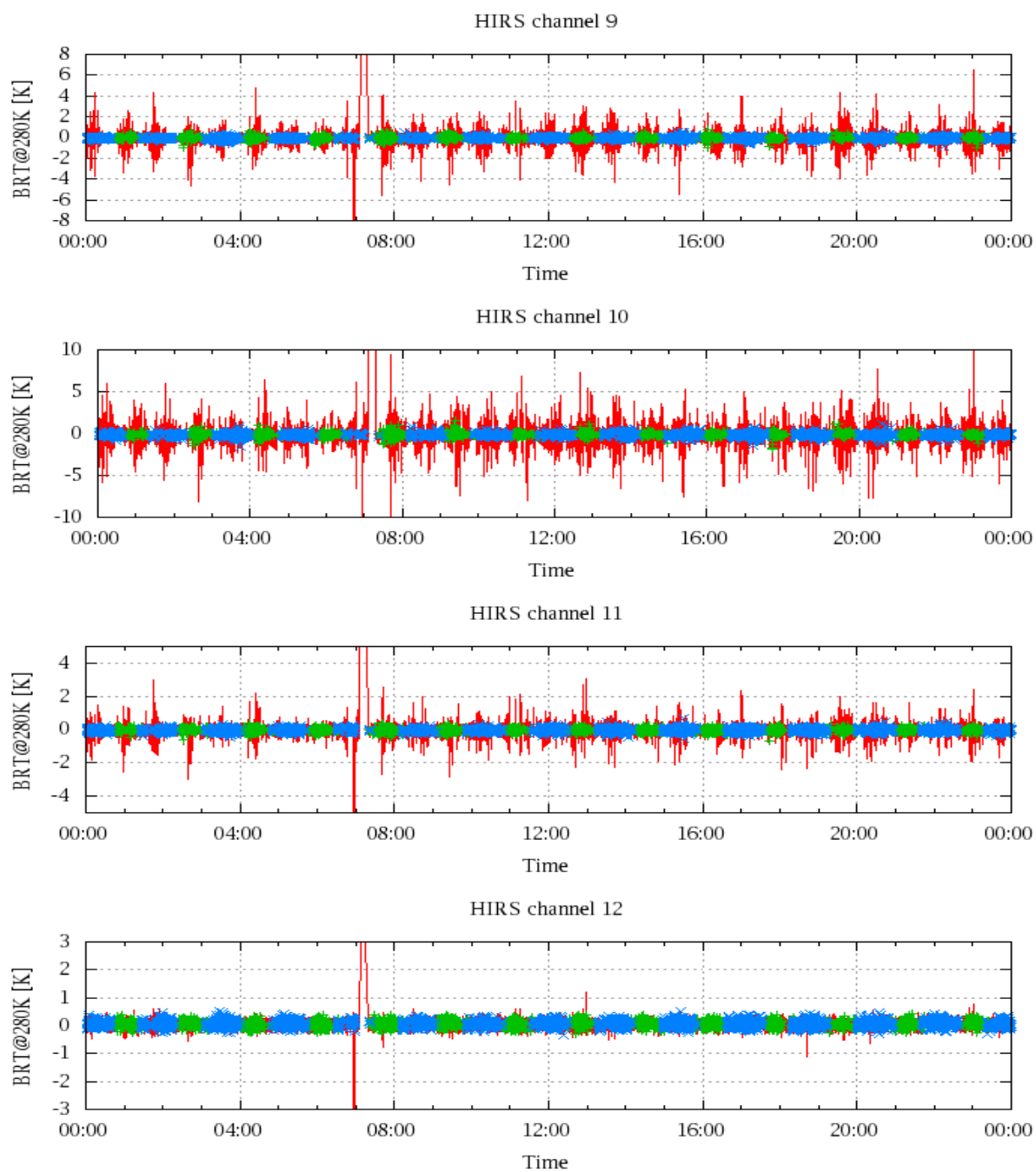


Figure 19: Radiance Differences in BRT

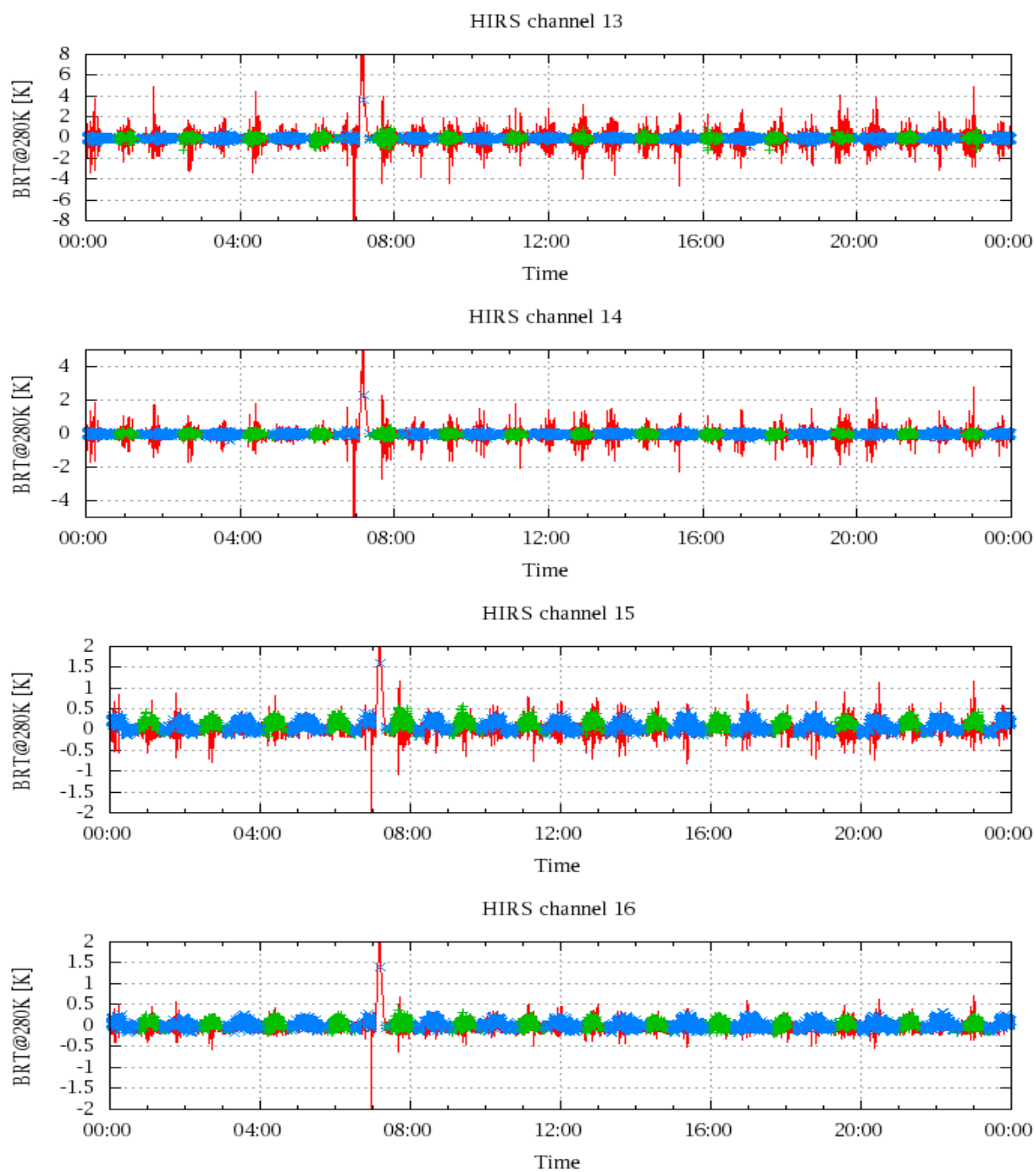


Figure 20: Radiance Differences in BRT

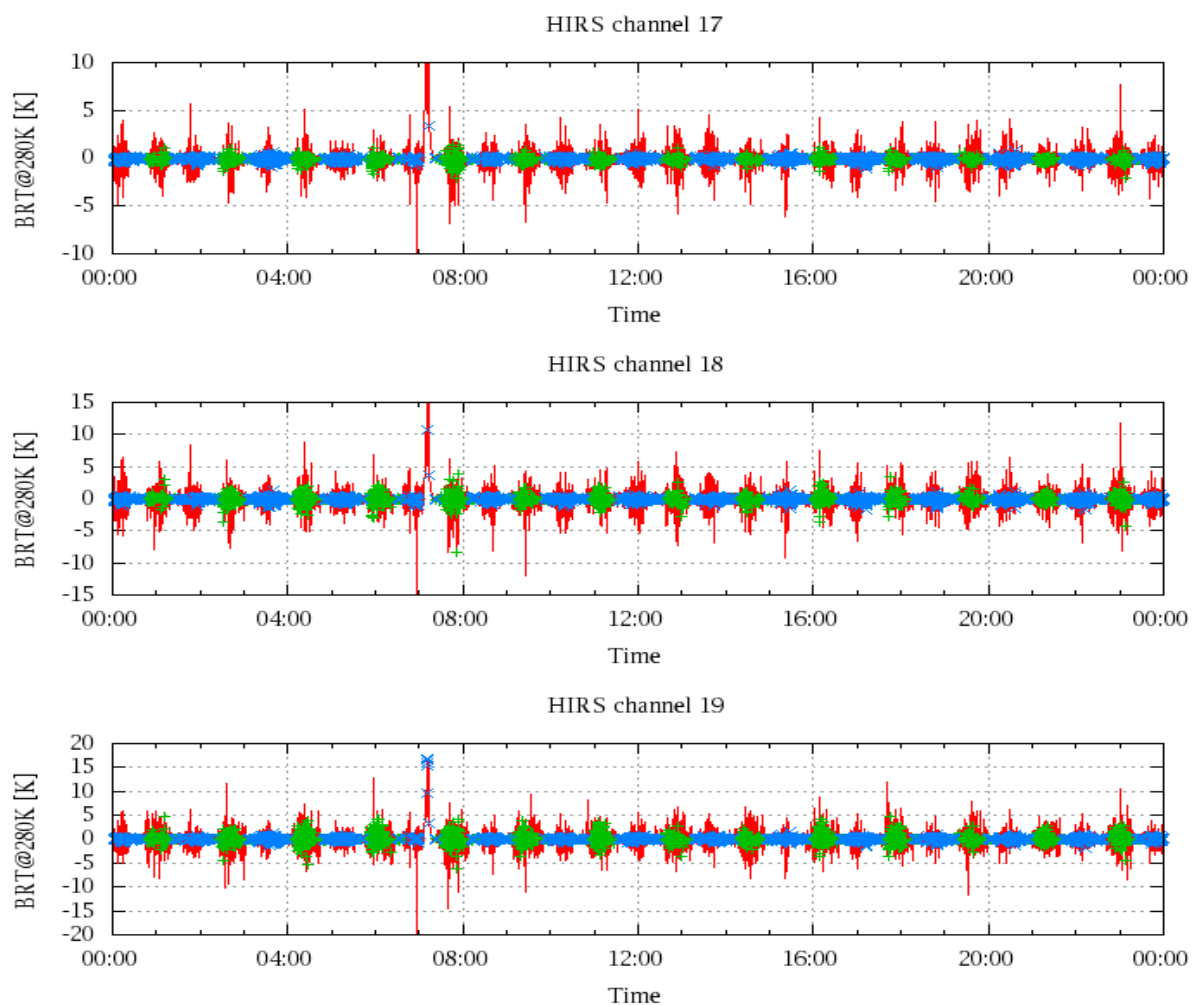


Figure 21: Radinace Differences in BRT