

IASI L0 and L1 Daily Monitoring Report

IASI monitoring team

09/06/2014 00:00:00 - 10/06/2014 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 09/06/2014 00:00:00 - 10/06/2014 00:00:00 .

The monitoring data are extracted on PDU basis.

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

2 Data quantity 09/06/2014 00:00:00 - 10/06/2014 00:00:00

Product Type	Number	Action
L0 HKTM PDUs	481	-
L0 IASI PDUs	481	-
L1 ENG PDUs	475	-
L1 ENG distinct GEPSGranule	476	-
L1 DPX PDUs (RM: IASI-HIRS)	475	-
L1 DPS Files (RM: OBS-CAL NWP based)	475	-

Table 1: Data quantity

APID	Seq from	Seq to	Time from	Time to
PX1 (130)	2647	2763	20140609010916.329	20140609010947.466
PX1 (130)	2978	3126	20140609011044.544	20140609011124.110
PX1 (130)	4088	4093	20140609011540.535	20140609011543.129
PX1 (130)	4148	4161	20140609011556.535	20140609011600.860
PX1 (130)	4216	4224	20140609011615.778	20140609011617.508
PX1 (130)	4339	4364	20140609011648.426	20140609011655.344
PX1 (130)	4405	4417	20140609011705.723	20140609011708.316
PX1 (130)	4458	4534	20140609011720.207	20140609011739.668
PX1 (130)	4628	4779	20140609011804.531	20140609011846.262
PX1 (130)	4868	4882	20140609011908.531	20140609011913.070
PX1 (130)	4929	5079	20140609011926.258	20140609012006.257
PX1 (130)	12469	12503	20140609015256.440	20140609015305.303
PX1 (130)	12661	12675	20140609015347.033	20140609015351.572
PX1 (130)	12758	12765	20140609015412.545	20140609015415.572
PX1 (130)	12833	12863	20140609015433.303	20140609015441.303
PX1 (130)	13036	13189	20140609015527.787	20140609015608.435
PX1 (130)	13292	13299	20140609015635.244	20140609015638.271
PX1 (130)	13448	13479	20140609015716.541	20140609015726.271

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Table 2 – continued from previous page

APID	Seq from	Seq to	Time from	Time to
PX1 (130)	13542	13629	20140609015742.920	20140609015806.267
PX1 (130)	13642	13656	20140609015809.080	20140609015812.107
PX1 (130)	13853	13855	20140609015905.294	20140609015905.728
PX1 (130)	13912	14110	20140609015921.076	20140609020014.482
PX1 (130)	14115	14128	20140609020015.564	20140609020018.372
PX1 (130)	14389	14542	20140609020128.427	20140609020209.075
PX1 (130)	15223	15309	20140609020511.122	20140609020534.254
PX1 (130)	15356	15392	20140609020545.930	20140609020555.231
PX1 (130)	16150	16325	20140609020918.469	20140609021003.871
PX1 (130)	15	96	20140609021024.410	20140609021046.464
PX1 (130)	115	253	20140609021050.574	20140609021127.976
PX1 (130)	560	611	20140609021249.488	20140609021303.542
PX1 (130)	860	941	20140609021409.522	20140609021431.577
PX1 (130)	1001	1003	20140609021447.577	20140609021448.007
PX1 (130)	1227	1313	20140609021547.034	20140609021610.167
PX1 (130)	1313	1402	20140609021610.167	20140609021633.952
PX1 (130)	1912	2066	20140609021849.948	20140609021930.811
PX1 (130)	2104	2189	20140609021940.541	20140609022003.459
PX1 (130)	2861	2870	20140609022303.564	20140609022305.509
PX1 (130)	15947	15976	20140609032112.836	20140609032120.621
PX1 (130)	15976	15986	20140609032120.621	20140609032122.782
PX1 (130)	16024	16117	20140609032132.512	20140609032158.672
PX1 (130)	16226	16258	20140609032226.781	20140609032235.211
PX1 (130)	298	300	20140609032428.074	20140609032428.508
PX1 (130)	300	302	20140609032428.508	20140609032430.453
PX1 (130)	302	315	20140609032430.453	20140609032433.262
PX1 (130)	325	382	20140609032435.426	20140609032450.777
PX1 (130)	3580	3582	20140609033904.197	20140609033904.627
PX1 (130)	3588	3601	20140609033905.923	20140609033910.248
PX1 (130)	4020	4034	20140609034100.517	20140609034105.056
PX1 (130)	4084	4170	20140609034118.896	20140609034140.517
PX1 (130)	4206	4215	20140609034151.325	20140609034153.271
PX1 (130)	4260	4273	20140609034204.513	20140609034208.837
PX1 (130)	4335	4474	20140609034225.271	20140609034302.892
PX1 (130)	4516	4530	20140609034313.485	20140609034316.513
PX1 (130)	4650	4766	20140609034348.513	20140609034419.645
PX1 (130)	4902	5101	20140609034456.618	20140609034550.239
PX1 (130)	5150	5230	20140609034602.344	20140609034624.184
PX1 (130)	5244	5251	20140609034627.211	20140609034630.239
PX1 (130)	5361	5443	20140609034658.563	20140609034720.832
PX1 (130)	5702	5791	20140609034830.449	20140609034854.234
PX1 (130)	5900	5982	20140609034922.340	20140609034944.609
PX1 (130)	6012	6054	20140609034952.609	20140609035003.203
PX1 (130)	6120	6126	20140609035020.500	20140609035023.312
PX1 (130)	6126	6204	20140609035023.312	20140609035043.203
PX1 (130)	6665	6674	20140609035247.128	20140609035249.078
PX1 (130)	6767	6781	20140609035313.722	20140609035318.261
PX1 (130)	6802	6804	20140609035322.804	20140609035323.238
PX1 (130)	7297	7381	20140609035535.558	20140609035558.257
PX1 (130)	7463	7509	20140609035619.014	20140609035631.987
PX1 (130)	7575	7583	20140609035649.284	20140609035651.014
PX1 (130)	7768	7855	20140609035740.096	20140609035803.444
PX1 (130)	7999	8153	20140609035842.147	20140609035923.010

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APID	Seq from	Seq to	Time from	Time to
PX1 (130)	8315	8364	20140609040007.119	20140609040019.225
PX1 (130)	8488	8641	20140609040052.088	20140609040134.248
PX1 (130)	8916	8918	20140609040247.330	20140609040247.760
PX1 (130)	8919	8921	20140609040247.978	20140609040248.412
PX1 (130)	8922	9053	20140609040248.627	20140609040323.006
PX1 (130)	12568	12571	20140609041900.097	20140609041902.257
PX1 (130)	12886	12918	20140609042025.499	20140609042033.933
PX1 (130)	12922	12924	20140609042034.796	20140609042035.229
PX1 (130)	12959	12961	20140609042044.311	20140609042046.253
PX1 (130)	13290	13474	20140609042212.522	20140609042302.901
PX1 (130)	13899	13981	20140609042455.979	20140609042518.248
PX1 (130)	14389	14473	20140609042706.139	20140609042728.838
PX1 (130)	14477	14489	20140609042729.701	20140609042732.299
PX1 (130)	14489	14560	20140609042732.299	20140609042752.189
PX1 (130)	14705	14791	20140609042831.107	20140609042854.244
PX1 (130)	15028	15031	20140609042956.080	20140609042958.240
PX1 (130)	15135	15145	20140609043025.267	20140609043027.427
PX1 (130)	15238	15320	20140609043052.076	20140609043114.345
PX2 (135)	2647	2763	20140609010916.329	20140609010947.466
PX2 (135)	2978	3126	20140609011044.544	20140609011124.110
PX2 (135)	4088	4093	20140609011540.535	20140609011543.129
PX2 (135)	4148	4161	20140609011556.535	20140609011600.860
PX2 (135)	4215	4224	20140609011615.563	20140609011617.508
PX2 (135)	4339	4363	20140609011648.426	20140609011655.129
PX2 (135)	4405	4417	20140609011705.723	20140609011708.316
PX2 (135)	4458	4534	20140609011720.207	20140609011739.668
PX2 (135)	4628	4779	20140609011804.531	20140609011846.262
PX2 (135)	4868	4882	20140609011908.531	20140609011913.070
PX2 (135)	4929	5079	20140609011926.258	20140609012006.257
PX2 (135)	12469	12503	20140609015256.440	20140609015305.303
PX2 (135)	12661	12675	20140609015347.033	20140609015351.572
PX2 (135)	12758	12764	20140609015412.545	20140609015415.358
PX2 (135)	12833	12863	20140609015433.303	20140609015441.303
PX2 (135)	13036	13189	20140609015527.787	20140609015608.435
PX2 (135)	13292	13299	20140609015635.244	20140609015638.271
PX2 (135)	13448	13479	20140609015716.541	20140609015726.271
PX2 (135)	13542	13549	20140609015742.920	20140609015744.431
PX2 (135)	13549	13629	20140609015744.431	20140609015806.267
PX2 (135)	13642	13656	20140609015809.080	20140609015812.107
PX2 (135)	13912	14109	20140609015921.076	20140609020014.263
PX2 (135)	14114	14128	20140609020015.345	20140609020018.372
PX2 (135)	14389	14541	20140609020128.427	20140609020208.856
PX2 (135)	15223	15309	20140609020511.122	20140609020534.254
PX2 (135)	15356	15392	20140609020545.930	20140609020555.231
PX2 (135)	16149	16324	20140609020918.250	20140609021003.656
PX2 (135)	15	96	20140609021024.410	20140609021046.464
PX2 (135)	115	253	20140609021050.574	20140609021127.976
PX2 (135)	559	611	20140609021249.273	20140609021303.542
PX2 (135)	799	801	20140609021353.308	20140609021353.737
PX2 (135)	814	816	20140609021356.550	20140609021358.495
PX2 (135)	859	941	20140609021409.308	20140609021431.577
PX2 (135)	1227	1402	20140609021547.034	20140609021633.952
PX2 (135)	1912	2066	20140609021849.948	20140609021930.811

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Table 2 – continued from previous page

APID	Seq from	Seq to	Time from	Time to
PX2 (135)	2104	2188	20140609021940.541	20140609022003.244
PX2 (135)	2861	2870	20140609022303.564	20140609022305.509
PX2 (135)	15946	15976	20140609032112.621	20140609032120.621
PX2 (135)	15976	15986	20140609032120.621	20140609032122.782
PX2 (135)	16024	16117	20140609032132.512	20140609032158.672
PX2 (135)	16226	16258	20140609032226.781	20140609032235.211
PX2 (135)	300	315	20140609032428.508	20140609032433.262
PX2 (135)	325	382	20140609032435.426	20140609032450.777
PX2 (135)	3576	3578	20140609033903.330	20140609033903.763
PX2 (135)	3580	3582	20140609033904.197	20140609033904.627
PX2 (135)	3588	3601	20140609033905.923	20140609033910.248
PX2 (135)	4020	4034	20140609034100.517	20140609034105.056
PX2 (135)	4084	4170	20140609034118.896	20140609034140.517
PX2 (135)	4206	4215	20140609034151.325	20140609034153.271
PX2 (135)	4260	4273	20140609034204.513	20140609034208.837
PX2 (135)	4335	4472	20140609034225.271	20140609034302.458
PX2 (135)	4472	4474	20140609034302.458	20140609034302.892
PX2 (135)	4516	4530	20140609034313.485	20140609034316.513
PX2 (135)	4649	4766	20140609034348.294	20140609034419.645
PX2 (135)	4902	5101	20140609034456.618	20140609034550.239
PX2 (135)	5149	5230	20140609034602.129	20140609034624.184
PX2 (135)	5241	5243	20140609034626.563	20140609034626.993
PX2 (135)	5244	5251	20140609034627.211	20140609034630.239
PX2 (135)	5361	5443	20140609034658.563	20140609034720.832
PX2 (135)	5702	5790	20140609034830.449	20140609034852.504
PX2 (135)	5900	5981	20140609034922.340	20140609034944.394
PX2 (135)	6012	6054	20140609034952.609	20140609035003.203
PX2 (135)	6079	6081	20140609035010.125	20140609035010.554
PX2 (135)	6120	6204	20140609035020.500	20140609035043.203
PX2 (135)	6665	6674	20140609035247.128	20140609035249.078
PX2 (135)	6675	6677	20140609035249.292	20140609035249.722
PX2 (135)	6767	6781	20140609035313.722	20140609035318.261
PX2 (135)	7150	7152	20140609035456.206	20140609035456.640
PX2 (135)	7178	7180	20140609035503.772	20140609035504.206
PX2 (135)	7184	7186	20140609035505.069	20140609035505.503
PX2 (135)	7297	7381	20140609035535.558	20140609035558.257
PX2 (135)	7463	7509	20140609035619.014	20140609035631.987
PX2 (135)	7571	7573	20140609035648.421	20140609035648.850
PX2 (135)	7575	7582	20140609035649.284	20140609035650.800
PX2 (135)	7768	7855	20140609035740.096	20140609035803.444
PX2 (135)	7988	7990	20140609035839.768	20140609035840.202
PX2 (135)	7994	7996	20140609035841.065	20140609035841.498
PX2 (135)	7998	8153	20140609035841.932	20140609035923.010
PX2 (135)	8292	8294	20140609040000.631	20140609040001.065
PX2 (135)	8309	8311	20140609040004.307	20140609040006.252
PX2 (135)	8314	8364	20140609040006.901	20140609040019.225
PX2 (135)	8474	8476	20140609040049.061	20140609040049.494
PX2 (135)	8488	8641	20140609040052.088	20140609040134.248
PX2 (135)	8922	9053	20140609040248.627	20140609040323.006
PX2 (135)	9245	9247	20140609040415.111	20140609040415.541
PX2 (135)	12568	12571	20140609041900.097	20140609041902.257
PX2 (135)	12886	12918	20140609042025.499	20140609042033.933
PX2 (135)	13271	13273	20140609042208.413	20140609042208.846

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Table 2 – continued from previous page

APID	Seq from	Seq to	Time from	Time to
PX2 (135)	13290	13474	20140609042212.522	20140609042302.901
PX2 (135)	13899	13981	20140609042455.979	20140609042518.248
PX2 (135)	14197	14199	20140609042615.545	20140609042615.975
PX2 (135)	14389	14473	20140609042706.139	20140609042728.838
PX2 (135)	14477	14489	20140609042729.701	20140609042732.299
PX2 (135)	14489	14560	20140609042732.299	20140609042752.189
PX2 (135)	14705	14791	20140609042831.107	20140609042854.244
PX2 (135)	15028	15031	20140609042956.080	20140609042958.240
PX2 (135)	15135	15145	20140609043025.267	20140609043027.427
PX2 (135)	15237	15320	20140609043051.861	20140609043114.345
PX3 (140)	2647	2763	20140609010916.329	20140609010947.466
PX3 (140)	2978	3126	20140609011044.544	20140609011124.110
PX3 (140)	4088	4092	20140609011540.535	20140609011542.914
PX3 (140)	4148	4161	20140609011556.535	20140609011600.860
PX3 (140)	4215	4224	20140609011615.563	20140609011617.508
PX3 (140)	4339	4363	20140609011648.426	20140609011655.129
PX3 (140)	4404	4417	20140609011705.508	20140609011708.316
PX3 (140)	4458	4534	20140609011720.207	20140609011739.668
PX3 (140)	4628	4779	20140609011804.531	20140609011846.262
PX3 (140)	4868	4882	20140609011908.531	20140609011913.070
PX3 (140)	4929	5079	20140609011926.258	20140609012006.257
PX3 (140)	12469	12502	20140609015256.440	20140609015305.088
PX3 (140)	12661	12675	20140609015347.033	20140609015351.572
PX3 (140)	12758	12764	20140609015412.545	20140609015415.358
PX3 (140)	12833	12863	20140609015433.303	20140609015441.303
PX3 (140)	13036	13189	20140609015527.787	20140609015608.435
PX3 (140)	13292	13299	20140609015635.244	20140609015638.271
PX3 (140)	13448	13479	20140609015716.541	20140609015726.271
PX3 (140)	13542	13629	20140609015742.920	20140609015806.267
PX3 (140)	13642	13656	20140609015809.080	20140609015812.107
PX3 (140)	13912	14109	20140609015921.076	20140609020014.263
PX3 (140)	14114	14128	20140609020015.345	20140609020018.372
PX3 (140)	14389	14541	20140609020128.427	20140609020208.856
PX3 (140)	15223	15309	20140609020511.122	20140609020534.254
PX3 (140)	15355	15392	20140609020545.715	20140609020555.231
PX3 (140)	15426	15428	20140609020604.094	20140609020604.528
PX3 (140)	16149	16324	20140609020918.250	20140609021003.656
PX3 (140)	15	95	20140609021024.410	20140609021046.250
PX3 (140)	115	253	20140609021050.574	20140609021127.976
PX3 (140)	559	611	20140609021249.273	20140609021303.542
PX3 (140)	859	941	20140609021409.308	20140609021431.577
PX3 (140)	1227	1402	20140609021547.034	20140609021633.952
PX3 (140)	1912	2066	20140609021849.948	20140609021930.811
PX3 (140)	2104	2188	20140609021940.541	20140609022003.244
PX3 (140)	2860	2870	20140609022303.345	20140609022305.509
PX3 (140)	15946	15986	20140609032112.621	20140609032122.782
PX3 (140)	16024	16117	20140609032132.512	20140609032158.672
PX3 (140)	16135	16137	20140609032202.567	20140609032202.996
PX3 (140)	16226	16258	20140609032226.781	20140609032235.211
PX3 (140)	300	313	20140609032428.508	20140609032432.832
PX3 (140)	313	315	20140609032432.832	20140609032433.262
PX3 (140)	325	382	20140609032435.426	20140609032450.777
PX3 (140)	3576	3578	20140609033903.330	20140609033903.763
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Table 2 – continued from previous page

APID	Seq from	Seq to	Time from	Time to
PX3 (140)	3588	3601	20140609033905.923	20140609033910.248
PX3 (140)	4020	4034	20140609034100.517	20140609034105.056
PX3 (140)	4084	4169	20140609034118.896	20140609034140.298
PX3 (140)	4206	4215	20140609034151.325	20140609034153.271
PX3 (140)	4260	4273	20140609034204.513	20140609034208.837
PX3 (140)	4335	4474	20140609034225.271	20140609034302.892
PX3 (140)	4516	4530	20140609034313.485	20140609034316.513
PX3 (140)	4649	4766	20140609034348.294	20140609034419.645
PX3 (140)	4842	4844	20140609034440.618	20140609034441.051
PX3 (140)	4902	5101	20140609034456.618	20140609034550.239
PX3 (140)	5150	5230	20140609034602.344	20140609034624.184
PX3 (140)	5240	5242	20140609034626.348	20140609034626.778
PX3 (140)	5244	5251	20140609034627.211	20140609034630.239
PX3 (140)	5360	5442	20140609034658.344	20140609034720.614
PX3 (140)	5633	5635	20140609034810.992	20140609034811.426
PX3 (140)	5702	5790	20140609034830.449	20140609034852.504
PX3 (140)	5900	5981	20140609034922.340	20140609034944.394
PX3 (140)	6011	6054	20140609034952.394	20140609035003.203
PX3 (140)	6120	6204	20140609035020.500	20140609035043.203
PX3 (140)	6665	6673	20140609035247.128	20140609035248.859
PX3 (140)	6767	6781	20140609035313.722	20140609035318.261
PX3 (140)	7297	7381	20140609035535.558	20140609035558.257
PX3 (140)	7463	7509	20140609035619.014	20140609035631.987
PX3 (140)	7571	7574	20140609035648.421	20140609035649.069
PX3 (140)	7575	7582	20140609035649.284	20140609035650.800
PX3 (140)	7767	7855	20140609035739.878	20140609035803.444
PX3 (140)	7995	7997	20140609035841.280	20140609035841.713
PX3 (140)	7998	8153	20140609035841.932	20140609035923.010
PX3 (140)	8314	8364	20140609040006.901	20140609040019.225
PX3 (140)	8488	8641	20140609040052.088	20140609040134.248
PX3 (140)	8922	9053	20140609040248.627	20140609040323.006
PX3 (140)	12568	12571	20140609041900.097	20140609041902.257
PX3 (140)	12886	12918	20140609042025.499	20140609042033.933
PX3 (140)	13271	13273	20140609042208.413	20140609042208.846
PX3 (140)	13290	13474	20140609042212.522	20140609042302.901
PX3 (140)	13899	13981	20140609042455.979	20140609042518.248
PX3 (140)	14389	14473	20140609042706.139	20140609042728.838
PX3 (140)	14477	14489	20140609042729.701	20140609042732.299
PX3 (140)	14489	14560	20140609042732.299	20140609042752.189
PX3 (140)	14704	14791	20140609042830.892	20140609042854.244
PX3 (140)	15027	15031	20140609042955.861	20140609042958.240
PX3 (140)	15135	15145	20140609043025.267	20140609043027.427
PX3 (140)	15237	15319	20140609043051.861	20140609043114.130
PX4 (145)	2647	2763	20140609010916.329	20140609010947.466
PX4 (145)	2978	3126	20140609011044.544	20140609011124.110
PX4 (145)	4083	4085	20140609011539.453	20140609011539.887
PX4 (145)	4088	4092	20140609011540.535	20140609011542.914
PX4 (145)	4148	4160	20140609011556.535	20140609011600.645
PX4 (145)	4215	4224	20140609011615.563	20140609011617.508
PX4 (145)	4339	4363	20140609011648.426	20140609011655.129
PX4 (145)	4404	4416	20140609011705.508	20140609011708.102
PX4 (145)	4457	4534	20140609011719.992	20140609011739.668
PX4 (145)	4571	4573	20140609011750.695	20140609011751.125

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APID	Seq from	Seq to	Time from	Time to
PX4 (145)	4628	4779	20140609011804.531	20140609011846.262
PX4 (145)	4868	4882	20140609011908.531	20140609011913.070
PX4 (145)	4929	5079	20140609011926.258	20140609012006.257
PX4 (145)	12469	12502	20140609015256.440	20140609015305.088
PX4 (145)	12660	12675	20140609015346.815	20140609015351.572
PX4 (145)	12758	12764	20140609015412.545	20140609015415.358
PX4 (145)	12833	12863	20140609015433.303	20140609015441.303
PX4 (145)	13036	13189	20140609015527.787	20140609015608.435
PX4 (145)	13291	13299	20140609015635.029	20140609015638.271
PX4 (145)	13448	13479	20140609015716.541	20140609015726.271
PX4 (145)	13542	13629	20140609015742.920	20140609015806.267
PX4 (145)	13642	13655	20140609015809.080	20140609015811.888
PX4 (145)	13676	13678	20140609015817.943	20140609015818.376
PX4 (145)	13912	14109	20140609015921.076	20140609020014.263
PX4 (145)	14114	14128	20140609020015.345	20140609020018.372
PX4 (145)	14389	14541	20140609020128.427	20140609020208.856
PX4 (145)	14827	14829	20140609020324.313	20140609020326.259
PX4 (145)	15223	15309	20140609020511.122	20140609020534.254
PX4 (145)	15355	15392	20140609020545.715	20140609020555.231
PX4 (145)	16149	16324	20140609020918.250	20140609021003.656
PX4 (145)	14	95	20140609021024.195	20140609021046.250
PX4 (145)	115	253	20140609021050.574	20140609021127.976
PX4 (145)	559	611	20140609021249.273	20140609021303.542
PX4 (145)	859	941	20140609021409.308	20140609021431.577
PX4 (145)	1227	1401	20140609021547.034	20140609021633.733
PX4 (145)	1912	2066	20140609021849.948	20140609021930.811
PX4 (145)	2104	2108	20140609021940.541	20140609021942.920
PX4 (145)	2108	2188	20140609021942.920	20140609022003.244
PX4 (145)	2860	2870	20140609022303.345	20140609022305.509
PX4 (145)	15945	15986	20140609032112.407	20140609032122.782
PX4 (145)	16024	16117	20140609032132.512	20140609032158.672
PX4 (145)	16135	16137	20140609032202.567	20140609032202.996
PX4 (145)	16225	16258	20140609032226.563	20140609032235.211
PX4 (145)	300	314	20140609032428.508	20140609032433.047
PX4 (145)	324	381	20140609032435.211	20140609032450.558
PX4 (145)	3570	3572	20140609033900.521	20140609033902.466
PX4 (145)	3587	3600	20140609033905.709	20140609033908.521
PX4 (145)	4020	4034	20140609034100.517	20140609034105.056
PX4 (145)	4084	4169	20140609034118.896	20140609034140.298
PX4 (145)	4206	4215	20140609034151.325	20140609034153.271
PX4 (145)	4260	4272	20140609034204.513	20140609034208.622
PX4 (145)	4335	4474	20140609034225.271	20140609034302.892
PX4 (145)	4477	4479	20140609034303.540	20140609034303.974
PX4 (145)	4515	4529	20140609034313.270	20140609034316.298
PX4 (145)	4649	4766	20140609034348.294	20140609034419.645
PX4 (145)	4842	4844	20140609034440.618	20140609034441.051
PX4 (145)	4902	5101	20140609034456.618	20140609034550.239
PX4 (145)	5150	5230	20140609034602.344	20140609034624.184
PX4 (145)	5244	5251	20140609034627.211	20140609034630.239
PX4 (145)	5313	5315	20140609034646.668	20140609034647.102
PX4 (145)	5360	5442	20140609034658.344	20140609034720.614
PX4 (145)	5702	5790	20140609034830.449	20140609034852.504
PX4 (145)	5900	5981	20140609034922.340	20140609034944.394
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APID	Seq from	Seq to	Time from	Time to
PX4 (145)	6011	6054	20140609034952.394	20140609035003.203
PX4 (145)	6120	6204	20140609035020.500	20140609035043.203
PX4 (145)	6665	6673	20140609035247.128	20140609035248.859
PX4 (145)	6767	6781	20140609035313.722	20140609035318.261
PX4 (145)	7297	7381	20140609035535.558	20140609035558.257
PX4 (145)	7463	7508	20140609035619.014	20140609035631.772
PX4 (145)	7572	7574	20140609035648.635	20140609035649.069
PX4 (145)	7574	7582	20140609035649.069	20140609035650.800
PX4 (145)	7754	7756	20140609035737.069	20140609035737.499
PX4 (145)	7767	7854	20140609035739.878	20140609035803.229
PX4 (145)	7998	8153	20140609035841.932	20140609035923.010
PX4 (145)	8227	8229	20140609035943.549	20140609035943.983
PX4 (145)	8294	8296	20140609040001.065	20140609040001.494
PX4 (145)	8314	8364	20140609040006.901	20140609040019.225
PX4 (145)	8487	8641	20140609040051.873	20140609040134.248
PX4 (145)	8921	9053	20140609040248.412	20140609040323.006
PX4 (145)	12568	12571	20140609041900.097	20140609041902.257
PX4 (145)	12886	12918	20140609042025.499	20140609042033.933
PX4 (145)	13290	13474	20140609042212.522	20140609042302.901
PX4 (145)	13899	13981	20140609042455.979	20140609042518.248
PX4 (145)	14389	14473	20140609042706.139	20140609042728.838
PX4 (145)	14477	14560	20140609042729.701	20140609042752.189
PX4 (145)	14704	14791	20140609042830.892	20140609042854.244
PX4 (145)	15027	15031	20140609042955.861	20140609042958.240
PX4 (145)	15135	15145	20140609043025.267	20140609043027.427
PX4 (145)	15237	15319	20140609043051.861	20140609043114.130
IMG (150)	10132	10264	20140609010916.329	20140609010947.466
IMG (150)	10507	10675	20140609011044.544	20140609011124.110
IMG (150)	11765	11773	20140609011540.535	20140609011542.914
IMG (150)	11833	11849	20140609011556.535	20140609011600.645
IMG (150)	11912	11920	20140609011615.563	20140609011617.289
IMG (150)	12051	12080	20140609011648.211	20140609011655.129
IMG (150)	12125	12137	20140609011705.508	20140609011708.102
IMG (150)	12186	12271	20140609011719.992	20140609011739.668
IMG (150)	12377	12548	20140609011804.531	20140609011844.965
IMG (150)	12649	12666	20140609011908.531	20140609011912.855
IMG (150)	12721	12888	20140609011925.828	20140609012004.961
IMG (150)	4881	4919	20140609015256.221	20140609015305.088
IMG (150)	5097	5108	20140609015346.815	20140609015349.627
IMG (150)	5108	5116	20140609015349.627	20140609015351.572
IMG (150)	5208	5217	20140609015412.979	20140609015415.358
IMG (150)	5294	5327	20140609015433.303	20140609015441.084
IMG (150)	5524	5698	20140609015527.568	20140609015608.435
IMG (150)	5812	5820	20140609015635.029	20140609015636.974
IMG (150)	5989	6024	20140609015716.541	20140609015724.974
IMG (150)	6098	6194	20140609015742.701	20140609015804.970
IMG (150)	6210	6224	20140609015808.861	20140609015811.888
IMG (150)	6249	6251	20140609015817.943	20140609015818.376
IMG (150)	6516	6742	20140609015920.861	20140609020014.263
IMG (150)	6747	6760	20140609020015.345	20140609020018.157
IMG (150)	7058	7230	20140609020128.427	20140609020208.856
IMG (150)	8004	8098	20140609020511.122	20140609020532.957
IMG (150)	8152	8192	20140609020545.715	20140609020555.012
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APID	Seq from	Seq to	Time from	Time to
IMG (150)	9054	9249	20140609020918.250	20140609021003.656
IMG (150)	9335	9345	20140609021024.195	20140609021026.359
IMG (150)	9345	9428	20140609021026.359	20140609021046.250
IMG (150)	9447	9606	20140609021050.355	20140609021127.976
IMG (150)	9950	9952	20140609021248.839	20140609021249.273
IMG (150)	9952	10012	20140609021249.273	20140609021303.542
IMG (150)	10292	10385	20140609021409.308	20140609021431.358
IMG (150)	10453	10455	20140609021447.358	20140609021447.792
IMG (150)	10707	10906	20140609021546.819	20140609021633.733
IMG (150)	11484	11659	20140609021849.733	20140609021930.811
IMG (150)	11701	11797	20140609021940.541	20140609022003.244
IMG (150)	12561	12571	20140609022303.345	20140609022305.509
IMG (150)	99	101	20140609023825.952	20140609023826.386
IMG (150)	11007	11050	20140609032112.621	20140609032122.567
IMG (150)	11093	11202	20140609032132.512	20140609032158.672
IMG (150)	11322	11358	20140609032226.563	20140609032234.996
IMG (150)	11841	11859	20140609032428.508	20140609032433.047
IMG (150)	11869	11934	20140609032435.211	20140609032450.558
IMG (150)	15568	15581	20140609033905.709	20140609033908.521
IMG (150)	16061	16075	20140609034101.814	20140609034105.056
IMG (150)	16132	16226	20140609034118.677	20140609034140.298
IMG (150)	16270	16280	20140609034151.110	20140609034153.271
IMG (150)	16329	16345	20140609034204.513	20140609034208.622
IMG (150)	31	191	20140609034225.056	20140609034302.892
IMG (150)	236	250	20140609034313.270	20140609034316.298
IMG (150)	386	519	20140609034348.294	20140609034419.645
IMG (150)	674	898	20140609034456.403	20140609034548.942
IMG (150)	954	1047	20140609034602.129	20140609034624.184
IMG (150)	1060	1068	20140609034626.993	20140609034628.942
IMG (150)	1193	1287	20140609034658.344	20140609034720.614
IMG (150)	1582	1679	20140609034830.234	20140609034852.504
IMG (150)	1804	1898	20140609034922.125	20140609034944.394
IMG (150)	1932	1979	20140609034952.394	20140609035003.203
IMG (150)	2053	2148	20140609035020.500	20140609035042.988
IMG (150)	2673	2682	20140609035246.913	20140609035248.859
IMG (150)	2787	2802	20140609035313.507	20140609035316.964
IMG (150)	3389	3482	20140609035535.339	20140609035556.960
IMG (150)	3575	3629	20140609035618.800	20140609035631.772
IMG (150)	3697	3699	20140609035647.772	20140609035648.206
IMG (150)	3701	3703	20140609035648.635	20140609035649.069
IMG (150)	3703	3711	20140609035649.069	20140609035650.800
IMG (150)	3920	4019	20140609035739.878	20140609035803.229
IMG (150)	4048	4050	20140609035810.147	20140609035810.581
IMG (150)	4183	4358	20140609035841.932	20140609035923.010
IMG (150)	4543	4597	20140609040006.901	20140609040019.225
IMG (150)	4703	4705	20140609040044.088	20140609040044.522
IMG (150)	4736	4910	20140609040051.873	20140609040132.951
IMG (150)	5230	5378	20140609040248.412	20140609040323.006
IMG (150)	5380	5382	20140609040323.435	20140609040323.869
IMG (150)	9360	9364	20140609041859.878	20140609041900.960
IMG (150)	9723	9759	20140609042025.499	20140609042033.933
IMG (150)	10178	10391	20140609042212.307	20140609042302.901
IMG (150)	10871	10966	20140609042455.760	20140609042518.248
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APID	Seq from	Seq to	Time from	Time to
IMG (150)	11233	11238	20140609042620.518	20140609042622.244
IMG (150)	11426	11522	20140609042706.139	20140609042728.838
IMG (150)	11526	11621	20140609042729.701	20140609042752.189
IMG (150)	11785	11880	20140609042830.892	20140609042852.943
IMG (150)	12148	12152	20140609042955.861	20140609042956.943
IMG (150)	12272	12282	20140609043025.267	20140609043027.427
IMG (150)	12386	12480	20140609043051.861	20140609043114.130
VER (160)	1182	1203	20140609010908.548	20140609010948.544
VER (160)	1237	1263	20140609011036.544	20140609011124.544
VER (160)	1423	1428	20140609011540.535	20140609011548.535
VER (160)	1432	1438	20140609011548.535	20140609011604.535
VER (160)	1467	1473	20140609011644.531	20140609011700.531
VER (160)	1487	1498	20140609011716.531	20140609011740.531
VER (160)	1514	1542	20140609011804.531	20140609011804.531
VER (160)	1552	1558	20140609011900.531	20140609011916.531
VER (160)	1560	1563	20140609011916.531	20140609011924.527
VER (160)	1567	1591	20140609011924.527	20140609011926.258
VER (160)	2822	2828	20140609015252.549	20140609015308.549
VER (160)	2852	2858	20140609015340.545	20140609015356.545
VER (160)	2882	2888	20140609015428.545	20140609015444.545
VER (160)	2917	2943	20140609015524.545	20140609015612.541
VER (160)	2983	2989	20140609015716.541	20140609015716.541
VER (160)	3002	3014	20140609015740.541	20140609015744.431
VER (160)	3062	3098	20140609015916.537	20140609020020.536
VER (160)	3142	3168	20140609020124.532	20140609020212.532
VER (160)	3282	3294	20140609020508.528	20140609020511.122
VER (160)	3302	3308	20140609020540.528	20140609020556.528
VER (160)	3437	3463	20140609020916.519	20140609021004.519
VER (160)	3477	3518	20140609021020.519	20140609021132.519
VER (160)	3567	3578	20140609021244.515	20140609021308.515
VER (160)	3617	3633	20140609021404.550	20140609021436.550
VER (160)	3677	3708	20140609021540.546	20140609021636.546
VER (160)	3713	3715	20140609021644.546	20140609021644.546
VER (160)	3792	3818	20140609021844.541	20140609021932.541
VER (160)	3823	3838	20140609021940.541	20140609022004.541
VER (160)	6132	6138	20140609032108.512	20140609032124.512
VER (160)	6139	6141	20140609032124.512	20140609032124.512
VER (160)	6144	6163	20140609032132.512	20140609032204.512
VER (160)	6177	6183	20140609032220.512	20140609032236.508
VER (160)	6188	6190	20140609032244.512	20140609032244.512
VER (160)	6252	6268	20140609032420.508	20140609032452.508
VER (160)	6887	6898	20140609034116.517	20140609034140.517
VER (160)	6916	6918	20140609034204.513	20140609034212.517
VER (160)	6927	6953	20140609034220.513	20140609034308.513
VER (160)	6977	6998	20140609034340.513	20140609034420.512
VER (160)	7022	7057	20140609034452.512	20140609034456.618
VER (160)	7062	7079	20140609034556.508	20140609034627.211
VER (160)	7097	7113	20140609034652.508	20140609034724.504
VER (160)	7157	7168	20140609034828.504	20140609034852.504
VER (160)	7187	7203	20140609034916.504	20140609034948.504
VER (160)	7207	7213	20140609034948.504	20140609035004.500
VER (160)	7223	7238	20140609035020.500	20140609035044.500
VER (160)	7355	7357	20140609035348.530	20140609035348.530

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APID	Seq from	Seq to	Time from	Time to
VER (160)	7417	7420	20140609035524.530	20140609035532.530
VER (160)	7422	7436	20140609035532.530	20140609035535.558
VER (160)	7447	7458	20140609035612.530	20140609035636.530
VER (160)	7497	7513	20140609035732.526	20140609035804.526
VER (160)	7537	7563	20140609035836.526	20140609035924.522
VER (160)	7592	7598	20140609040004.522	20140609040020.522
VER (160)	7612	7614	20140609040036.522	20140609040044.522
VER (160)	7617	7644	20140609040044.522	20140609040052.088
VER (160)	7692	7713	20140609040244.517	20140609040324.517
VER (160)	7715	7717	20140609040324.517	20140609040324.517
VER (160)	8297	8301	20140609041852.527	20140609041900.097
VER (160)	8352	8358	20140609042020.526	20140609042036.526
VER (160)	8417	8453	20140609042204.522	20140609042308.522
VER (160)	8522	8538	20140609042452.518	20140609042524.518
VER (160)	8572	8578	20140609042612.518	20140609042628.518
VER (160)	8602	8633	20140609042700.518	20140609042756.513
VER (160)	8657	8670	20140609042828.513	20140609042831.107
VER (160)	8707	8711	20140609042948.509	20140609042956.080
VER (160)	8714	8716	20140609043004.509	20140609043004.509
VER (160)	8742	8758	20140609043044.509	20140609043116.509
AUX (180)	10062	10067	20140609010908.978	20140609010948.978
AUX (180)	10073	10079	20140609011036.978	20140609011124.974
AUX (180)	10110	10112	20140609011532.969	20140609011548.969
AUX (180)	10112	10114	20140609011548.969	20140609011604.969
AUX (180)	10119	10121	20140609011644.965	20140609011700.965
AUX (180)	10123	10126	20140609011716.965	20140609011740.965
AUX (180)	10128	10134	20140609011756.965	20140609011844.965
AUX (180)	10136	10138	20140609011900.965	20140609011916.961
AUX (180)	10139	10144	20140609011924.961	20140609012004.961
AUX (180)	10390	10392	20140609015252.979	20140609015308.979
AUX (180)	10396	10398	20140609015340.979	20140609015356.979
AUX (180)	10402	10404	20140609015428.979	20140609015444.979
AUX (180)	10409	10415	20140609015524.975	20140609015612.974
AUX (180)	10422	10424	20140609015708.974	20140609015724.974
AUX (180)	10426	10429	20140609015740.974	20140609015804.970
AUX (180)	10438	10446	20140609015916.970	20140609020020.970
AUX (180)	10454	10460	20140609020124.966	20140609020212.966
AUX (180)	10482	10485	20140609020508.961	20140609020532.957
AUX (180)	10486	10488	20140609020540.961	20140609020556.957
AUX (180)	10513	10519	20140609020916.953	20140609021004.953
AUX (180)	10521	10530	20140609021020.953	20140609021132.949
AUX (180)	10539	10542	20140609021244.948	20140609021308.948
AUX (180)	10549	10553	20140609021404.983	20140609021436.979
AUX (180)	10561	10568	20140609021540.979	20140609021636.979
AUX (180)	10584	10590	20140609021844.975	20140609021932.975
AUX (180)	10590	10594	20140609021932.975	20140609022004.975
AUX (180)	11052	11054	20140609032108.946	20140609032124.946
AUX (180)	11054	11059	20140609032124.946	20140609032204.942
AUX (180)	11061	11063	20140609032220.942	20140609032236.942
AUX (180)	11076	11080	20140609032420.941	20140609032452.941
AUX (180)	11203	11206	20140609034116.946	20140609034140.950
AUX (180)	11208	11210	20140609034156.946	20140609034212.946
AUX (180)	11211	11217	20140609034220.946	20140609034308.946

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Table 2 – continued from previous page

APID	Seq from	Seq to	Time from	Time to
AUX (180)	11221	11226	20140609034340.946	20140609034420.946
AUX (180)	11230	11237	20140609034452.942	20140609034548.942
AUX (180)	11238	11242	20140609034556.942	20140609034628.942
AUX (180)	11245	11249	20140609034652.938	20140609034724.938
AUX (180)	11257	11260	20140609034828.938	20140609034852.938
AUX (180)	11263	11267	20140609034916.934	20140609034948.933
AUX (180)	11267	11269	20140609034948.933	20140609035004.933
AUX (180)	11270	11274	20140609035012.933	20140609035044.933
AUX (180)	11310	11313	20140609035532.964	20140609035556.960
AUX (180)	11315	11318	20140609035612.960	20140609035636.960
AUX (180)	11325	11329	20140609035732.960	20140609035804.960
AUX (180)	11333	11339	20140609035836.956	20140609035924.955
AUX (180)	11344	11346	20140609040004.955	20140609040020.955
AUX (180)	11349	11355	20140609040044.955	20140609040132.951
AUX (180)	11364	11369	20140609040244.951	20140609040324.951
AUX (180)	11496	11498	20140609042020.960	20140609042036.960
AUX (180)	11509	11517	20140609042204.956	20140609042308.952
AUX (180)	11530	11534	20140609042452.951	20140609042524.951
AUX (180)	11540	11542	20140609042612.951	20140609042628.947
AUX (180)	11546	11553	20140609042700.947	20140609042756.947
AUX (180)	11557	11560	20140609042828.943	20140609042852.943
AUX (180)	11574	11578	20140609043044.943	20140609043116.943

Table 2: L0 data gaps

3 Instrument modes

Time	Transition from	Transition to
09/06/2014 00:00:12	-	Normal operation

Table 3: Instrument modes

4 L0 and L1 Data Quality

Flag	Value	Action
L0 IASI PDUs	481	-
L1 ENG PDUs	475	-
L1 ENG distinct GEPSGranule	476	-
GQisFlagQual set (PX1)	98.88 %	-
GQisFlagQual set (PX2)	98.81 %	-
GQisFlagQual set (PX3)	98.90 %	-
GQisFlagQual set (PX4)	98.94 %	-
GQisFlagQual set (all)	98.88 %	-

Table 4: Quality flags

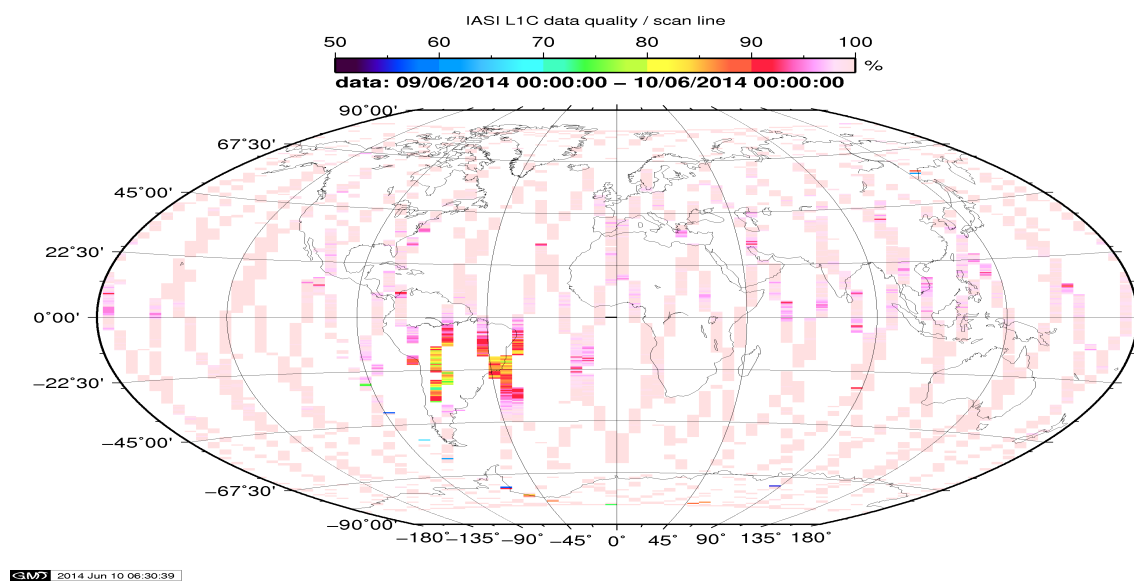


Figure 1: L1C data quality

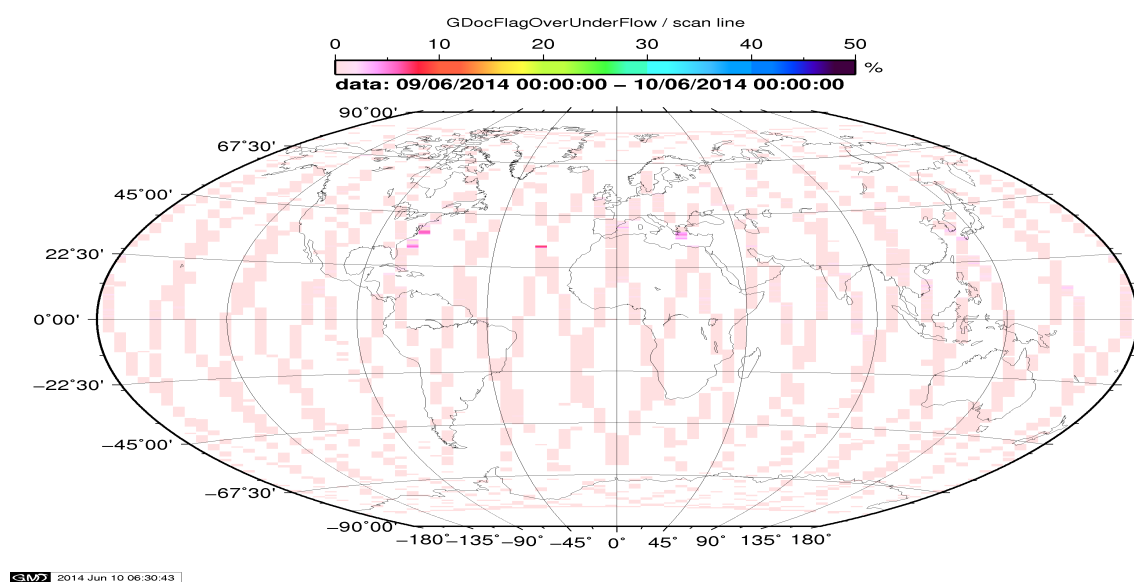


Figure 2: Flag of Over and Under Flows

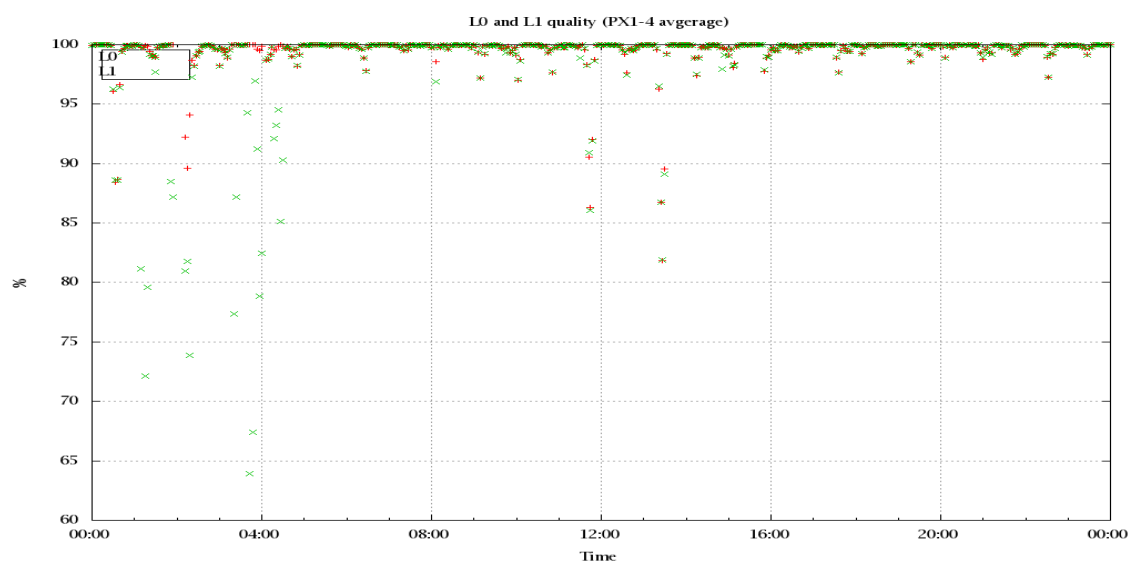


Figure 3: Level 0 and 1C overall quality

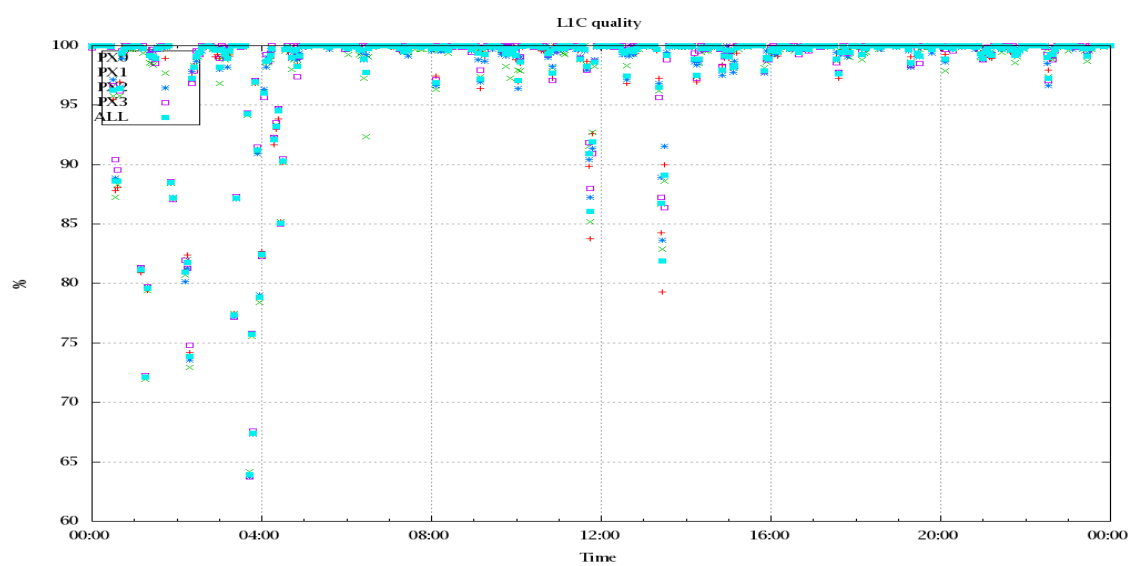


Figure 4: Level 1C quality

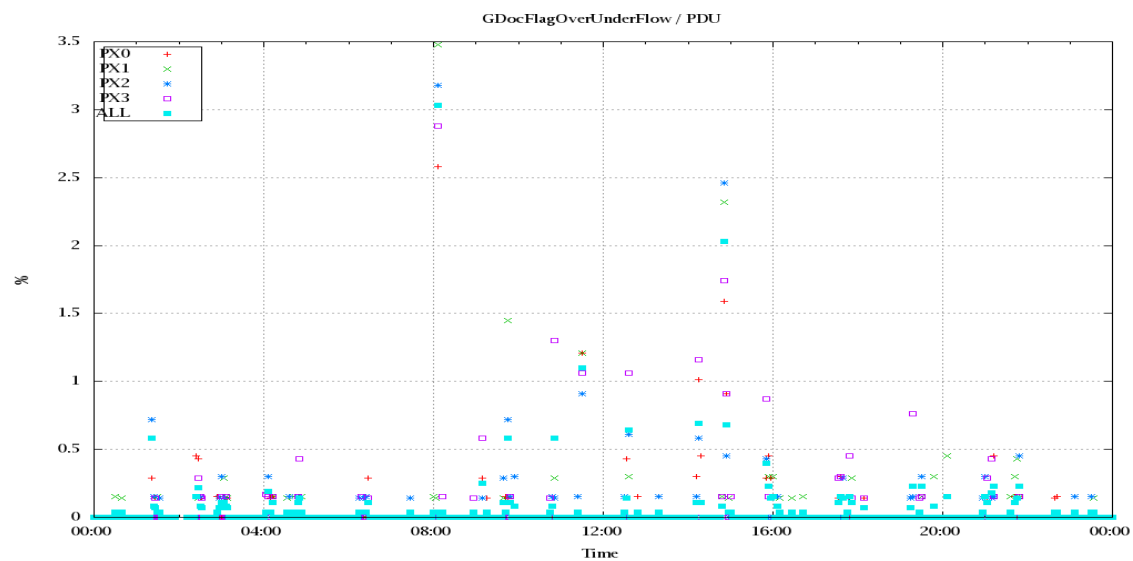


Figure 5: OverUnderFlowFlag timeseries

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.

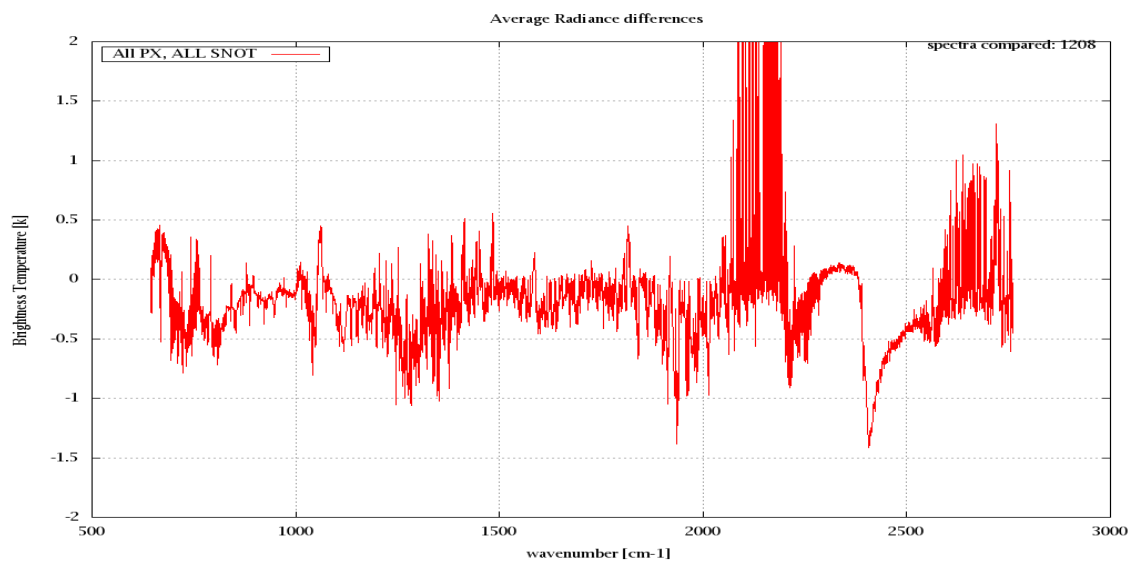


Figure 6: Average Radiance differences: OBS-CAL

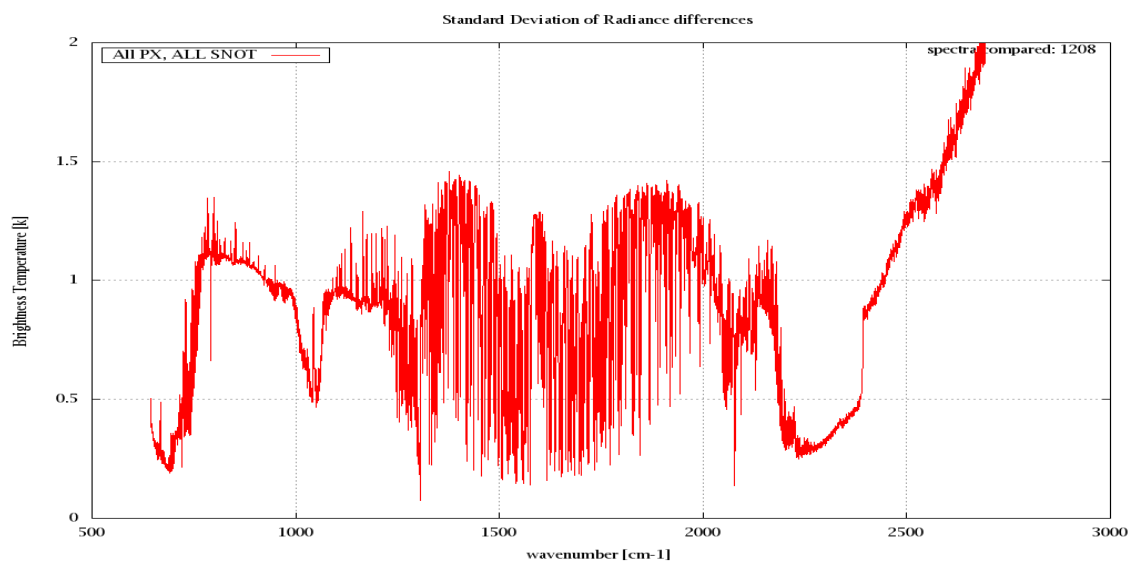


Figure 7: Standard Deviation of Radiance differences

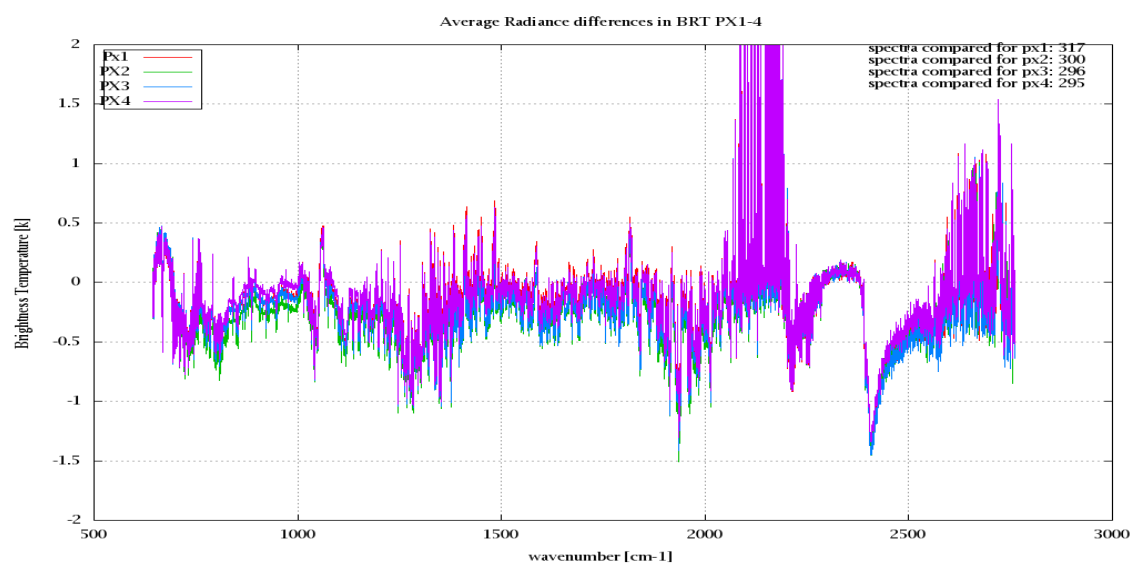


Figure 8: Average Radiance differences: OBS-CAL

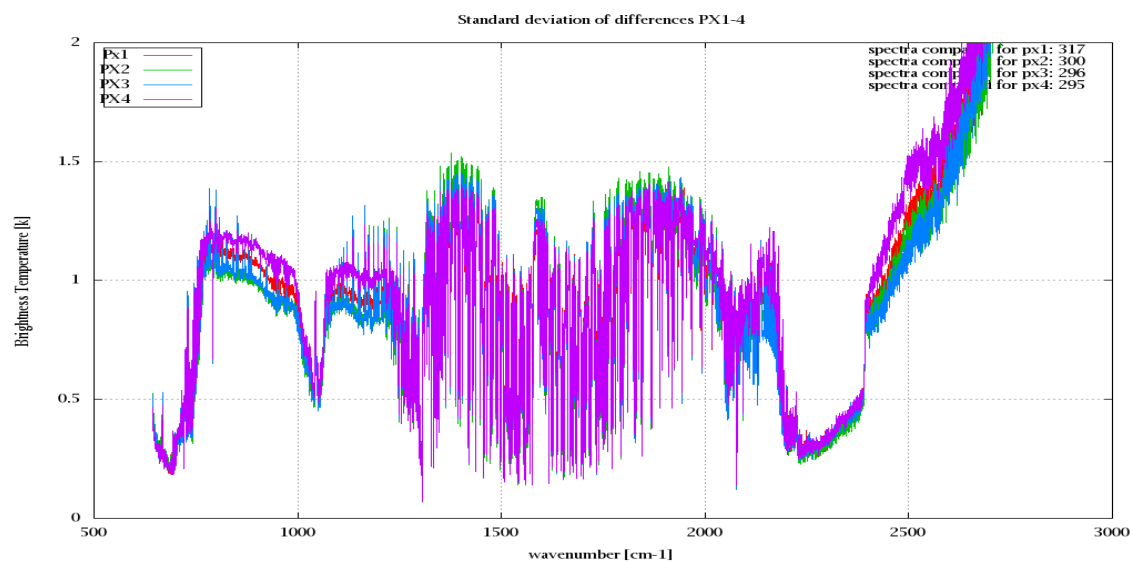


Figure 9: Standard Deviation of Radiance differences

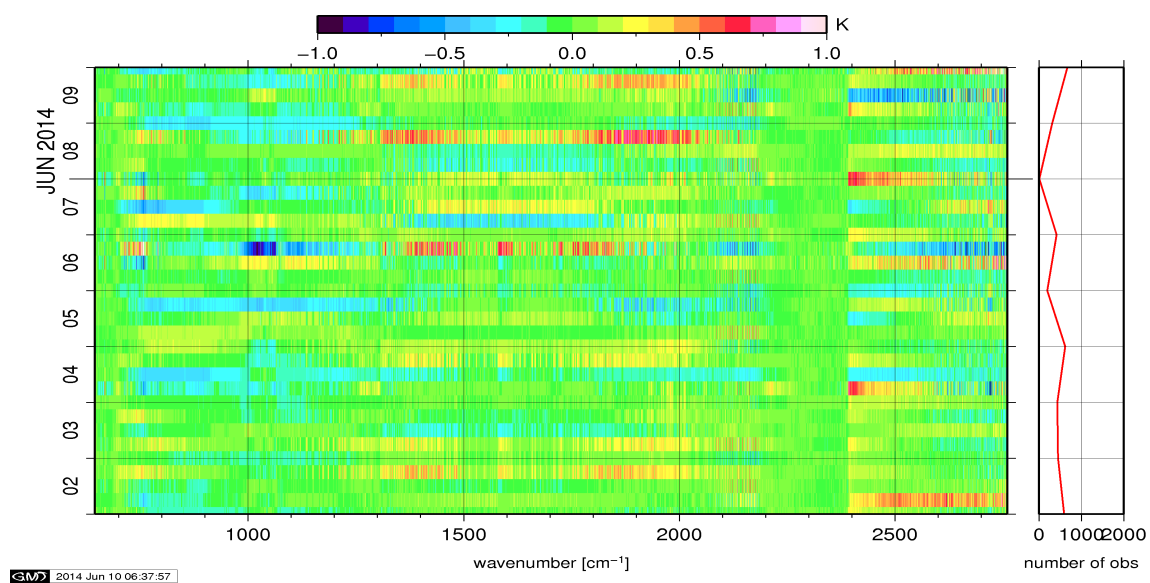


Figure 10: Radiance Anomaly in BRT: All Channels

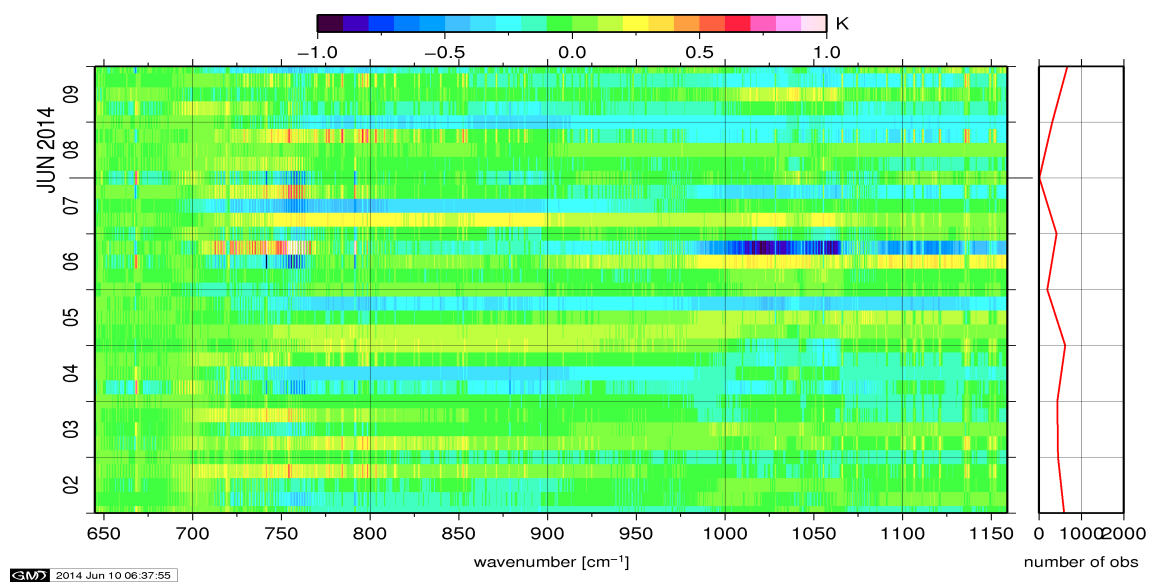


Figure 11: Radiance Anomaly in BRT: IASI Band 1

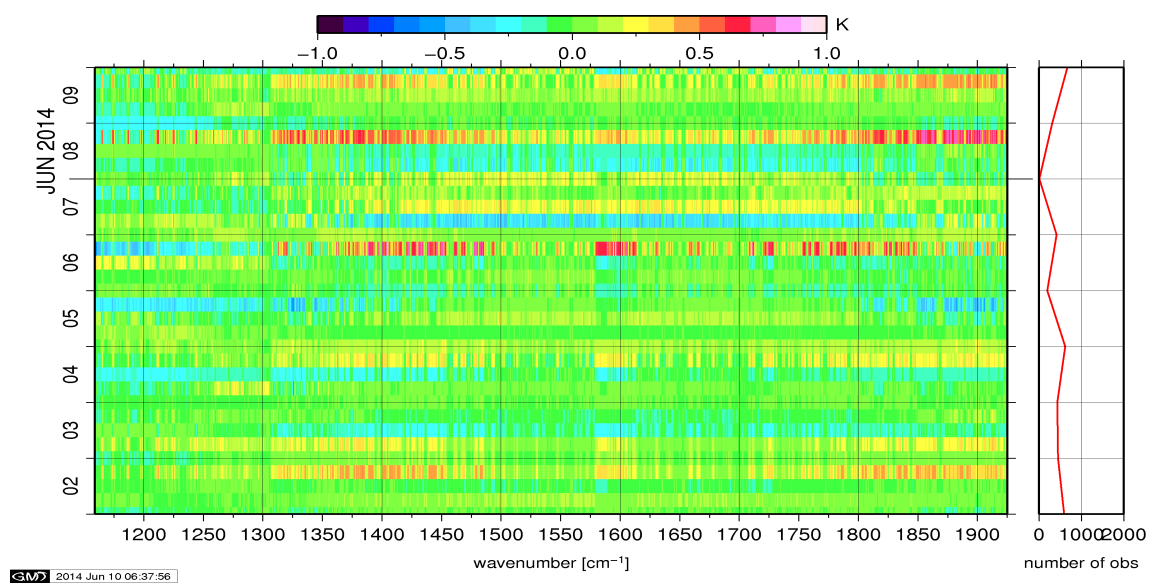


Figure 12: Radiance Anomaly in BRT: IASI Band 2

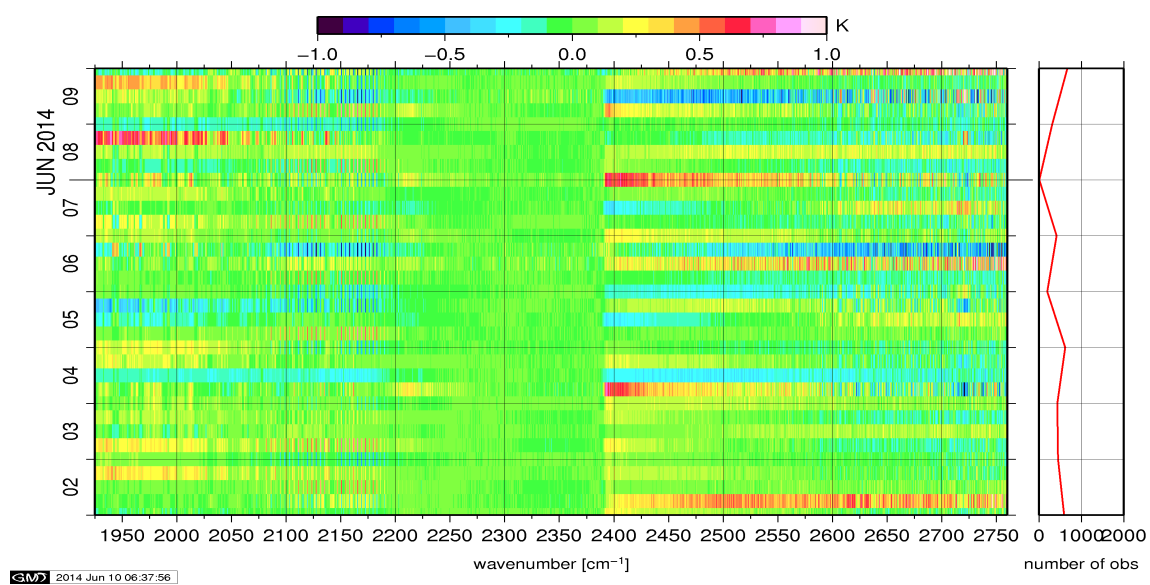


Figure 13: Radiance Anomaly in BRT: IASI Band 3

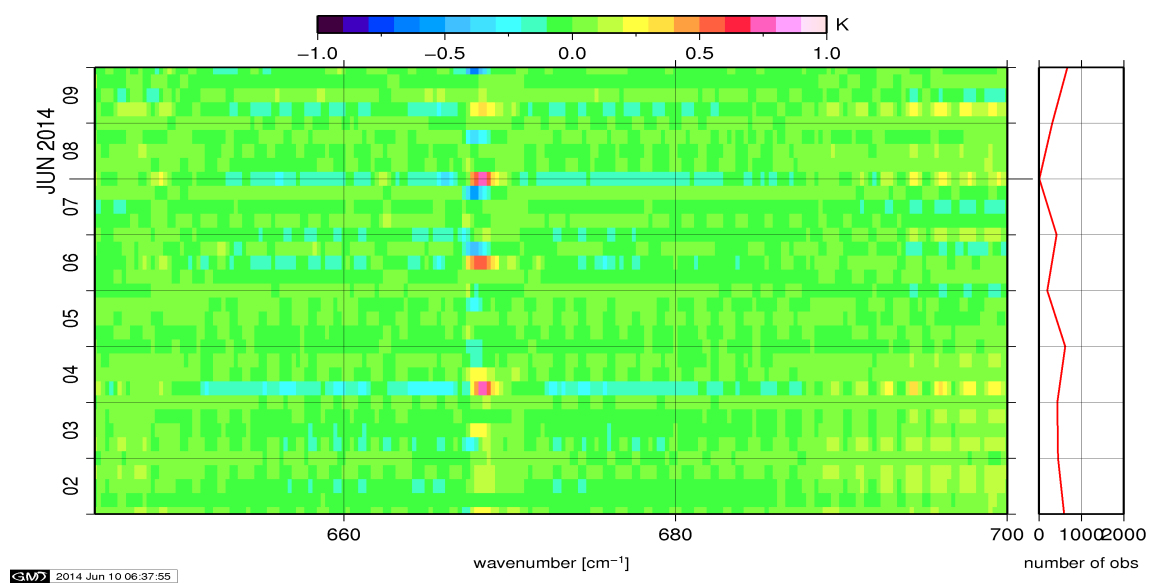


Figure 14: Radiance Anomaly in BRT: CO2 14

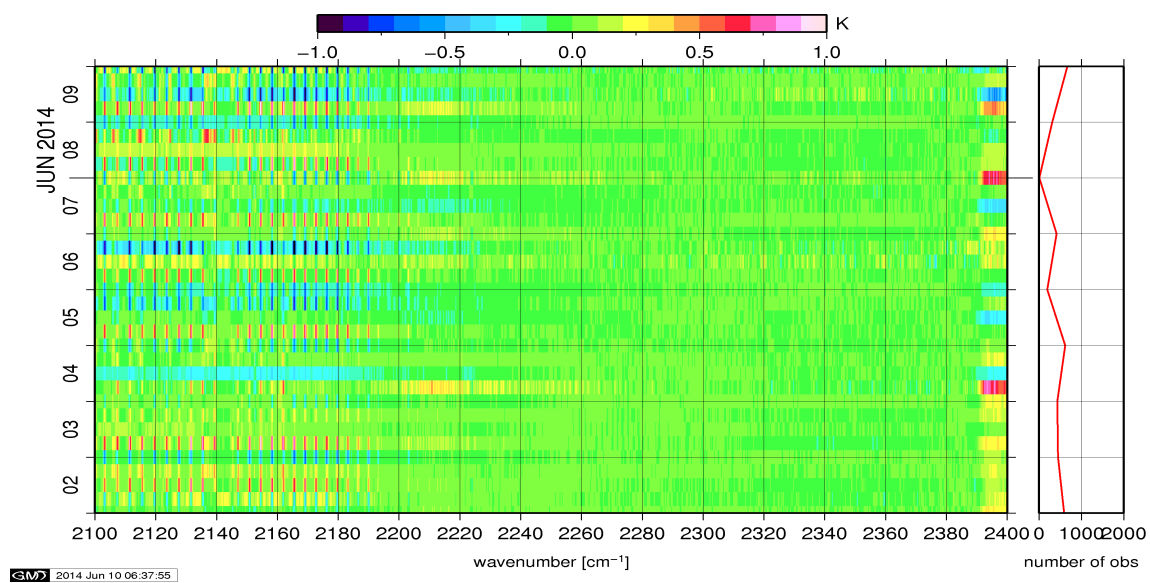


Figure 15: Radiance Anomaly in BRT: CO2 4.3

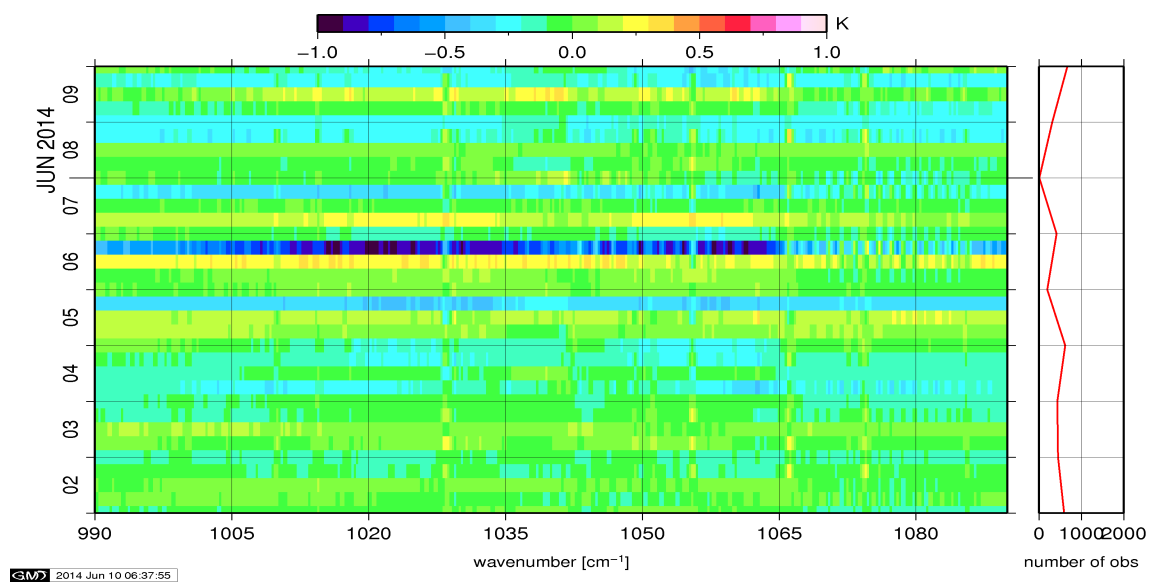


Figure 16: Radiance Anomaly in BRT: O3

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.

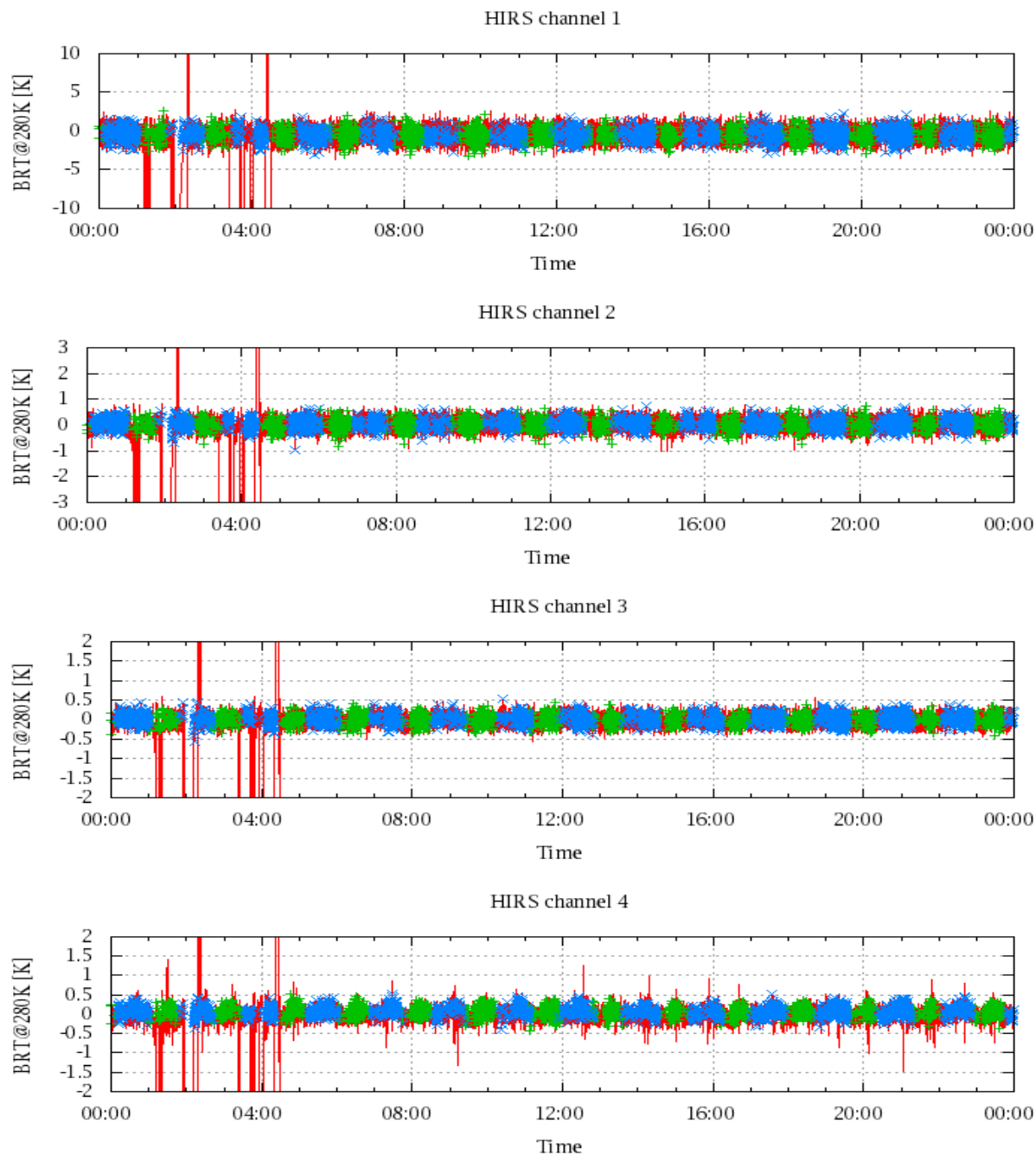


Figure 17: Radiance Differences in BRT

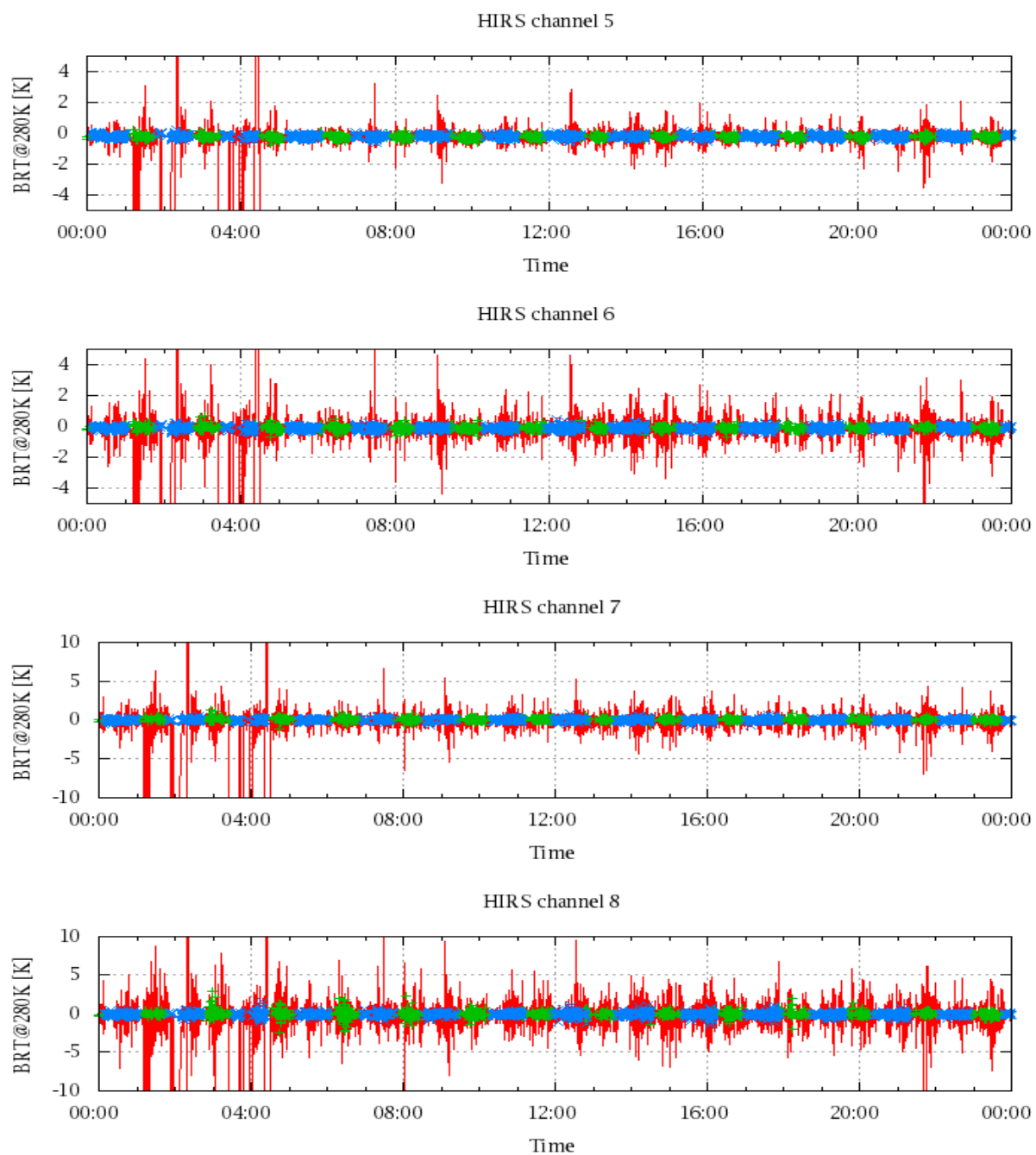


Figure 18: Radiance Differences in BRT

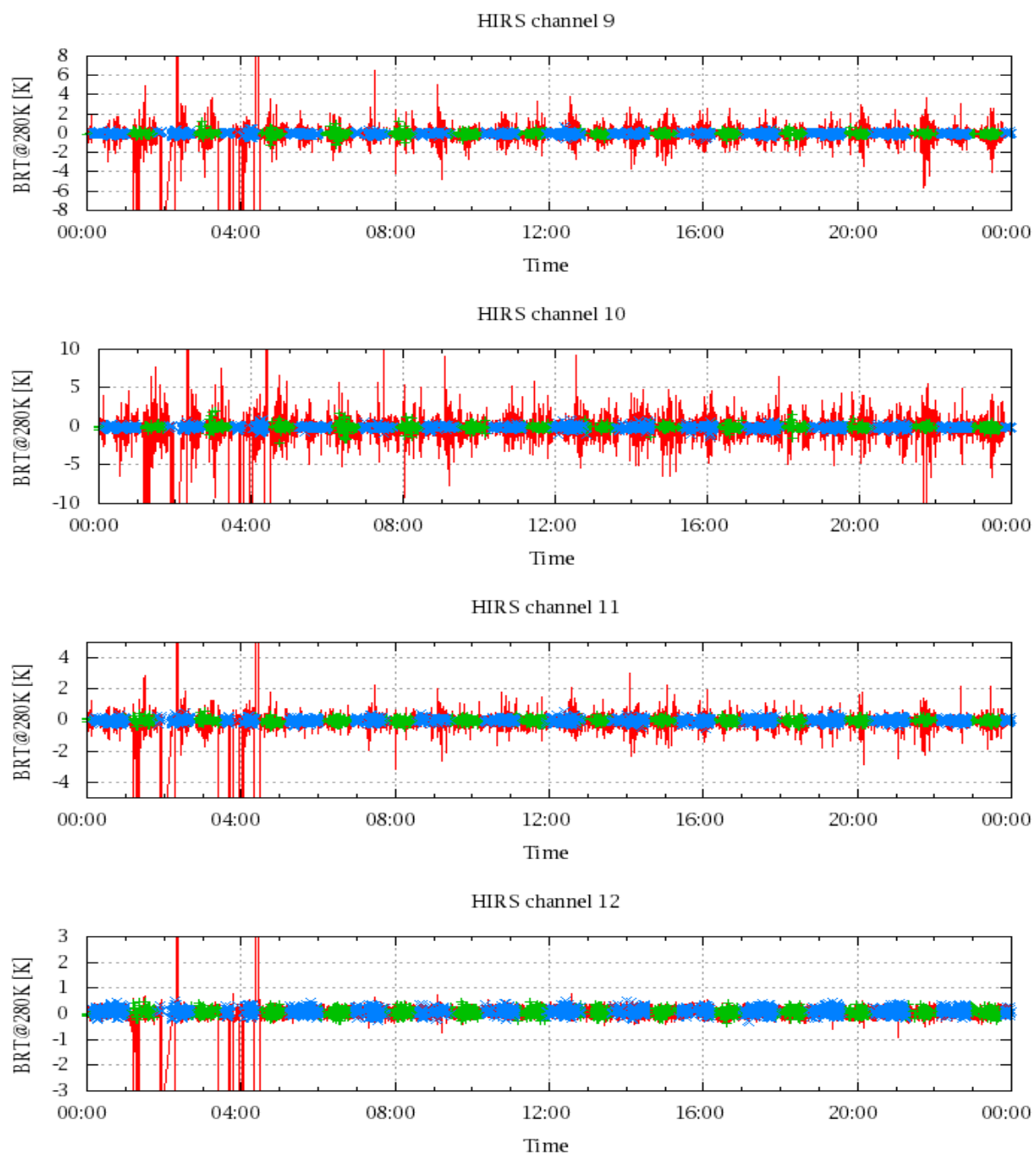


Figure 19: Radiance Differences in BRT

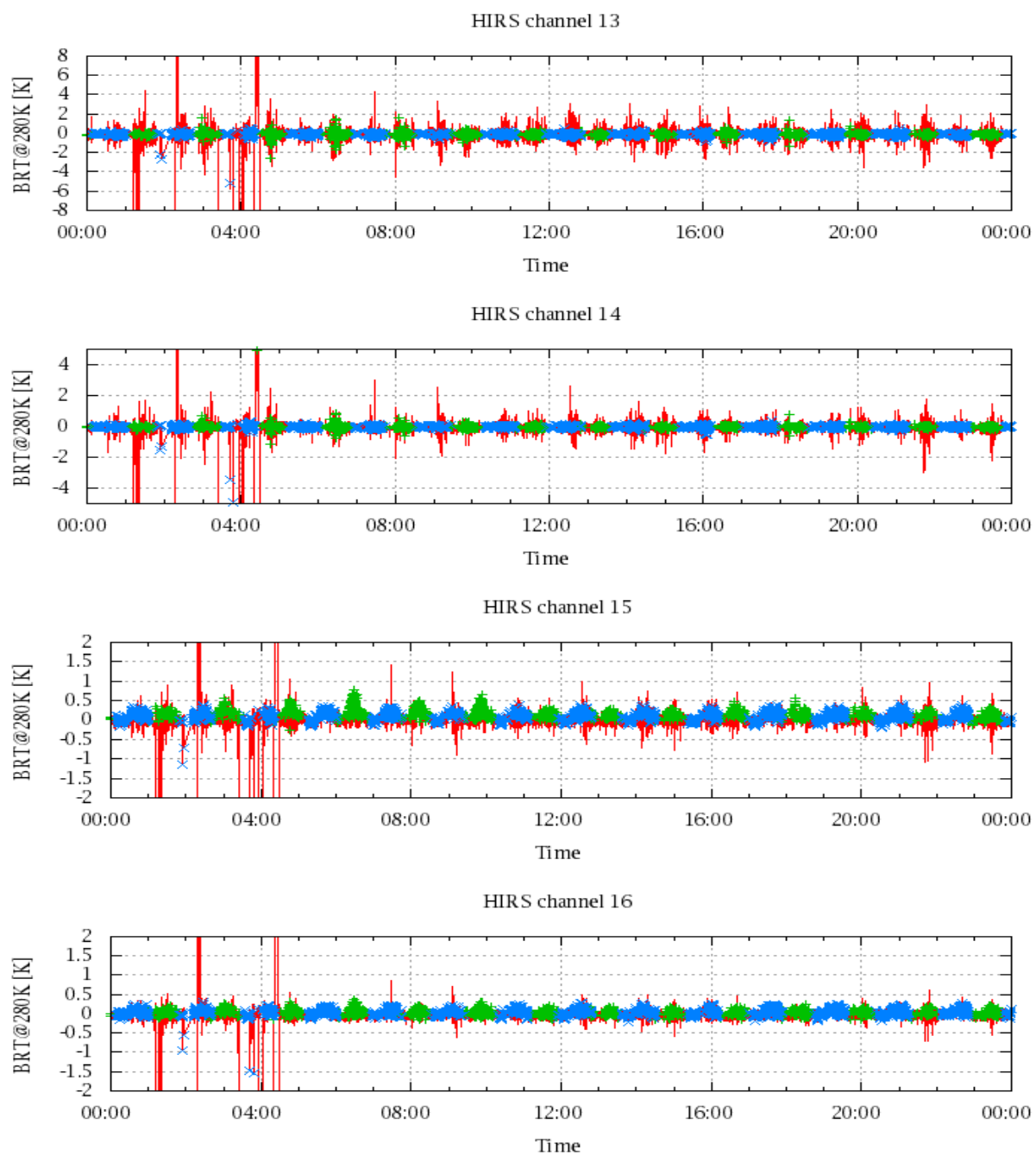


Figure 20: Radiance Differences in BRT

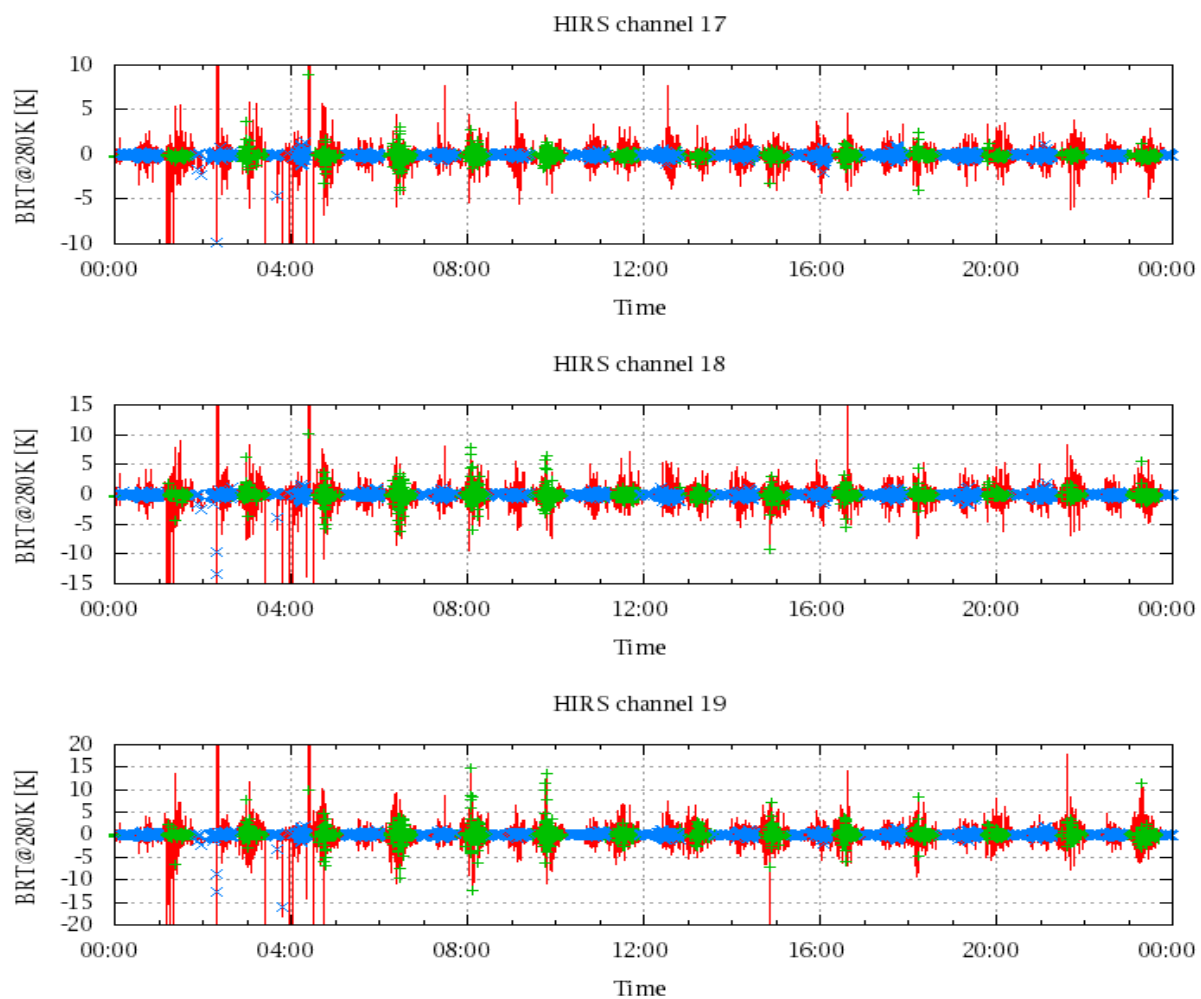


Figure 21: Radinace Differences in BRT