

IASI L0 and L1 Daily Monitoring Report

IASI monitoring team

22/08/2013 00:00:00 - 23/08/2013 00:00:00

1 Introduction

This report provides summary monitoring plots and figures from IASI instrument on the MetOp-B satellite retrieved from the IASI L0 and L1 ENG product (3 minute data packet) for 22/08/2013 00:00:00 - 23/08/2013 00:00:00 .

The monitoring data are extracted on PDU basis.

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

2 Data quantity 22/08/2013 00:00:00 - 23/08/2013 00:00:00

Product Type	Number	Action
L0 HKTM PDUs	481	-
L0 IASI PDUs	481	-
L1 ENG PDUs	478	-
L1 ENG distinct GEPSGranule	477	-
L1 DPX PDUs (RM: IASI-HIRS)	478	-
L1 DPS Files (RM: OBS-CAL NWP based)	478	-

Table 1: Data quantity

APID	Seq from	Seq to	Time from	Time to
PX1 (130)	9251	9258	20130822000049.768	20130822000051.280
PX1 (130)	9272	9275	20130822000054.307	20130822000056.467
PX1 (130)	9367	9387	20130822000120.901	20130822000125.225
PX1 (130)	9453	9455	20130822000142.522	20130822000144.467
PX1 (130)	9484	9515	20130822000150.737	20130822000200.467
PX1 (130)	9518	9524	20130822000201.115	20130822000202.412
PX1 (130)	9527	9536	20130822000203.061	20130822000205.006
PX1 (130)	9605	9619	20130822000224.467	20130822000227.494
PX1 (130)	9639	9646	20130822000233.330	20130822000234.846
PX1 (130)	9655	9773	20130822000236.791	20130822000308.358
PX1 (130)	9784	9794	20130822000310.736	20130822000314.412
PX1 (130)	10011	10014	20130822000411.924	20130822000412.572
PX1 (130)	10014	10016	20130822000412.572	20130822000413.006
PX1 (130)	10234	10265	20130822000510.732	20130822000520.463
PX1 (130)	10275	10282	20130822000522.623	20130822000524.135
PX1 (130)	10294	10299	20130822000526.732	20130822000529.326
PX1 (130)	10324	10331	20130822000534.732	20130822000537.760
PX1 (130)	10354	10361	20130822000542.732	20130822000545.756

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Table 2 – continued from previous page

APID	Seq from	Seq to	Time from	Time to
PX1 (130)	10375	10384	20130822000548.783	20130822000550.732
PX1 (130)	10385	10505	20130822000552.459	20130822000624.459
PX1 (130)	11194	11205	20130822000926.724	20130822000930.615
PX1 (130)	11254	11282	20130822000942.724	20130822000950.291
PX1 (130)	11284	11289	20130822000950.724	20130822000953.318
PX1 (130)	11293	11405	20130822000954.185	20130822001024.455
PX1 (130)	11491	11493	20130822001046.076	20130822001046.505
PX1 (130)	11527	11548	20130822001056.884	20130822001101.423
PX1 (130)	11584	11603	20130822001110.720	20130822001116.345
PX1 (130)	11636	11652	20130822001124.994	20130822001129.962
PX1 (130)	11652	11654	20130822001129.962	20130822001130.396
PX1 (130)	11689	11705	20130822001139.478	20130822001144.451
PX1 (130)	11742	11744	20130822001153.962	20130822001154.396
PX1 (130)	11745	11759	20130822001154.611	20130822001157.638
PX1 (130)	11760	11763	20130822001157.857	20130822001158.501
PX1 (130)	11800	11802	20130822001209.532	20130822001209.962
PX1 (130)	11868	11870	20130822001227.259	20130822001227.693
PX1 (130)	12257	12259	20130822001411.040	20130822001411.474
PX1 (130)	12296	12299	20130822001420.985	20130822001421.634
PX1 (130)	12302	12304	20130822001422.282	20130822001422.716
PX1 (130)	12353	12355	20130822001436.337	20130822001436.771
PX1 (130)	12401	12403	20130822001449.743	20130822001450.173
PX1 (130)	12419	12422	20130822001453.634	20130822001454.282
PX1 (130)	12447	12449	20130822001501.200	20130822001501.634
PX1 (130)	12474	12485	20130822001508.552	20130822001512.446
PX1 (130)	12501	12503	20130822001515.903	20130822001516.337
PX1 (130)	12524	12526	20130822001522.392	20130822001522.821
PX1 (130)	12528	12530	20130822001523.255	20130822001523.688
PX1 (130)	12530	12535	20130822001523.688	20130822001524.767
PX1 (130)	12535	12537	20130822001524.767	20130822001525.200
PX1 (130)	12582	12589	20130822001537.958	20130822001539.470
PX1 (130)	12589	12593	20130822001539.470	20130822001540.337
PX1 (130)	12634	12647	20130822001550.712	20130822001555.036
PX1 (130)	12688	12701	20130822001605.415	20130822001609.739
PX1 (130)	12701	12703	20130822001609.739	20130822001610.173
PX1 (130)	12738	12740	20130822001619.255	20130822001619.684
PX1 (130)	12743	12757	20130822001620.333	20130822001624.872
PX1 (130)	12757	12760	20130822001624.872	20130822001625.524
PX1 (130)	12797	12800	20130822001635.036	20130822001635.684
PX1 (130)	12800	12815	20130822001635.684	20130822001640.442
PX1 (130)	12846	12848	20130822001648.657	20130822001649.091
PX1 (130)	12855	12857	20130822001650.602	20130822001651.036
PX1 (130)	12858	12860	20130822001651.251	20130822001651.684
PX1 (130)	12860	12862	20130822001651.684	20130822001652.118
PX1 (130)	12864	12868	20130822001652.548	20130822001653.415
PX1 (130)	12868	12874	20130822001653.415	20130822001654.712
PX1 (130)	12880	12882	20130822001657.524	20130822001657.954
PX1 (130)	12893	12895	20130822001700.333	20130822001700.766
PX1 (130)	12909	12915	20130822001705.305	20130822001706.602
PX1 (130)	12915	12918	20130822001706.602	20130822001707.251
PX1 (130)	12918	12927	20130822001707.251	20130822001709.196
PX1 (130)	12929	12931	20130822001709.630	20130822001710.063
PX1 (130)	12944	12946	20130822001714.388	20130822001714.821

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Table 2 – continued from previous page

APID	Seq from	Seq to	Time from	Time to
PX1 (130)	12956	12958	20130822001716.981	20130822001717.415
PX1 (130)	12962	12964	20130822001718.278	20130822001718.712
PX1 (130)	12965	12967	20130822001720.442	20130822001720.872
PX1 (130)	12977	12979	20130822001723.036	20130822001723.470
PX1 (130)	13028	13030	20130822001737.091	20130822001737.520
PX1 (130)	13054	13056	20130822001742.708	20130822001744.657
PX1 (130)	13062	13064	20130822001745.954	20130822001746.387
PX1 (130)	13073	13086	20130822001748.333	20130822001752.657
PX1 (130)	13120	13122	20130822001801.520	20130822001801.954
PX1 (130)	13124	13126	20130822001802.387	20130822001802.817
PX1 (130)	13134	13136	20130822001804.548	20130822001804.981
PX1 (130)	13137	13139	20130822001805.196	20130822001805.630
PX1 (130)	13143	13145	20130822001806.493	20130822001808.438
PX1 (130)	13179	13181	20130822001817.305	20130822001817.735
PX1 (130)	13190	13192	20130822001819.684	20130822001820.114
PX1 (130)	13196	13203	20130822001820.981	20130822001822.493
PX1 (130)	13203	13206	20130822001822.493	20130822001824.653
PX1 (130)	13245	13268	20130822001834.602	20130822001841.087
PX1 (130)	13268	13270	20130822001841.087	20130822001841.520
PX1 (130)	13275	13277	20130822001842.602	20130822001843.032
PX1 (130)	13297	13325	20130822001848.868	20130822001856.438
PX1 (130)	13354	13388	20130822001902.708	20130822001913.087
PX1 (130)	13392	13475	20130822001913.950	20130822001936.434
PX1 (130)	13654	13659	20130822002022.704	20130822002025.301
PX1 (130)	13684	13698	20130822002030.708	20130822002035.247
PX1 (130)	13712	13715	20130822002038.274	20130822002040.434
PX1 (130)	13744	13752	20130822002046.704	20130822002049.946
PX1 (130)	13774	13782	20130822002054.704	20130822002057.950
PX1 (130)	13787	13811	20130822002059.028	20130822002105.731
PX1 (130)	13820	13847	20130822002107.676	20130822002115.028
PX1 (130)	13865	13888	20130822002120.434	20130822002125.407
PX1 (130)	13894	13901	20130822002126.704	20130822002129.731
PX1 (130)	14434	14447	20130822002350.735	20130822002355.059
PX1 (130)	14466	14473	20130822002400.684	20130822002402.195
PX1 (130)	14479	14633	20130822002403.492	20130822002444.356
PX1 (130)	12848	12863	20130822012937.940	20130822012941.182
PX1 (130)	12883	12891	20130822012947.029	20130822012948.768
PX1 (130)	12899	12902	20130822012950.506	20130822012952.678
PX1 (130)	12918	13021	20130822012956.139	20130822013024.463
PX1 (130)	13044	13081	20130822013029.436	20130822013040.463
PX1 (130)	13110	13137	20130822013046.732	20130822013054.084
PX2 (135)	9139	9209	20130822000019.498	20130822000037.659
PX2 (135)	9250	9258	20130822000049.549	20130822000051.280
PX2 (135)	9272	9275	20130822000054.307	20130822000056.467
PX2 (135)	9367	9387	20130822000120.901	20130822000125.225
PX2 (135)	9456	9458	20130822000144.686	20130822000145.115
PX2 (135)	9471	9473	20130822000147.928	20130822000148.358
PX2 (135)	9482	9515	20130822000150.307	20130822000200.467
PX2 (135)	9518	9523	20130822000201.115	20130822000202.197
PX2 (135)	9524	9527	20130822000202.412	20130822000203.061
PX2 (135)	9527	9535	20130822000203.061	20130822000204.791
PX2 (135)	9604	9619	20130822000222.737	20130822000227.494
PX2 (135)	9639	9646	20130822000233.330	20130822000234.846

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Table 2 – continued from previous page

APID	Seq from	Seq to	Time from	Time to
PX2 (135)	9655	9772	20130822000236.791	20130822000308.143
PX2 (135)	9784	9794	20130822000310.736	20130822000314.412
PX2 (135)	10010	10012	20130822000411.705	20130822000412.139
PX2 (135)	10234	10265	20130822000510.732	20130822000520.463
PX2 (135)	10275	10282	20130822000522.623	20130822000524.135
PX2 (135)	10294	10299	20130822000526.732	20130822000529.326
PX2 (135)	10324	10330	20130822000534.732	20130822000537.541
PX2 (135)	10354	10361	20130822000542.732	20130822000545.756
PX2 (135)	10376	10384	20130822000549.002	20130822000550.732
PX2 (135)	10385	10505	20130822000552.459	20130822000624.459
PX2 (135)	11194	11205	20130822000926.724	20130822000930.615
PX2 (135)	11254	11282	20130822000942.724	20130822000950.291
PX2 (135)	11284	11289	20130822000950.724	20130822000953.318
PX2 (135)	11293	11405	20130822000954.185	20130822001024.455
PX2 (135)	11481	11483	20130822001043.912	20130822001044.345
PX2 (135)	11493	11495	20130822001046.505	20130822001048.451
PX2 (135)	11528	11551	20130822001057.099	20130822001102.072
PX2 (135)	11584	11603	20130822001110.720	20130822001116.345
PX2 (135)	11635	11652	20130822001124.775	20130822001129.962
PX2 (135)	11653	11655	20130822001130.181	20130822001130.615
PX2 (135)	11689	11705	20130822001139.478	20130822001144.451
PX2 (135)	11747	11756	20130822001155.044	20130822001156.990
PX2 (135)	11756	11759	20130822001156.990	20130822001157.638
PX2 (135)	11808	11810	20130822001211.259	20130822001211.693
PX2 (135)	11934	11936	20130822001244.556	20130822001244.989
PX2 (135)	11958	11960	20130822001251.259	20130822001251.693
PX2 (135)	12000	12002	20130822001301.853	20130822001302.286
PX2 (135)	12030	12032	20130822001309.853	20130822001310.286
PX2 (135)	12051	12053	20130822001315.907	20130822001316.337
PX2 (135)	12170	12172	20130822001347.689	20130822001348.122
PX2 (135)	12213	12215	20130822001358.501	20130822001400.446
PX2 (135)	12309	12311	20130822001425.310	20130822001425.743
PX2 (135)	12322	12324	20130822001428.122	20130822001428.552
PX2 (135)	12396	12398	20130822001448.661	20130822001449.095
PX2 (135)	12447	12449	20130822001501.200	20130822001501.634
PX2 (135)	12462	12464	20130822001505.958	20130822001506.392
PX2 (135)	12469	12472	20130822001507.470	20130822001508.122
PX2 (135)	12476	12478	20130822001508.985	20130822001509.419
PX2 (135)	12479	12481	20130822001509.634	20130822001510.063
PX2 (135)	12481	12486	20130822001510.063	20130822001512.661
PX2 (135)	12522	12524	20130822001521.958	20130822001522.392
PX2 (135)	12533	12536	20130822001524.337	20130822001524.985
PX2 (135)	12536	12539	20130822001524.985	20130822001525.634
PX2 (135)	12581	12583	20130822001537.739	20130822001538.173
PX2 (135)	12583	12586	20130822001538.173	20130822001538.821
PX2 (135)	12586	12589	20130822001538.821	20130822001539.470
PX2 (135)	12589	12593	20130822001539.470	20130822001540.337
PX2 (135)	12593	12595	20130822001540.337	20130822001540.767
PX2 (135)	12634	12649	20130822001550.712	20130822001555.470
PX2 (135)	12688	12701	20130822001605.415	20130822001609.739
PX2 (135)	12704	12706	20130822001610.388	20130822001610.821
PX2 (135)	12741	12756	20130822001619.903	20130822001624.657
PX2 (135)	12795	12797	20130822001634.602	20130822001635.036
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Table 2 – continued from previous page

APID	Seq from	Seq to	Time from	Time to
PX2 (135)	12797	12801	20130822001635.036	20130822001635.903
PX2 (135)	12801	12815	20130822001635.903	20130822001640.442
PX2 (135)	12838	12840	20130822001645.415	20130822001645.848
PX2 (135)	12850	12852	20130822001649.520	20130822001649.954
PX2 (135)	12856	12858	20130822001650.821	20130822001651.251
PX2 (135)	12858	12864	20130822001651.251	20130822001652.548
PX2 (135)	12864	12873	20130822001652.548	20130822001654.497
PX2 (135)	12876	12878	20130822001656.657	20130822001657.091
PX2 (135)	12907	12909	20130822001704.872	20130822001705.305
PX2 (135)	12910	12914	20130822001705.520	20130822001706.388
PX2 (135)	12914	12920	20130822001706.388	20130822001707.684
PX2 (135)	12920	12926	20130822001707.684	20130822001708.981
PX2 (135)	12926	12928	20130822001708.981	20130822001709.415
PX2 (135)	12944	12946	20130822001714.388	20130822001714.821
PX2 (135)	12946	12949	20130822001714.821	20130822001715.466
PX2 (135)	12953	12955	20130822001716.333	20130822001716.766
PX2 (135)	12967	12969	20130822001720.872	20130822001721.305
PX2 (135)	12971	12973	20130822001721.739	20130822001722.173
PX2 (135)	12990	12992	20130822001725.845	20130822001726.278
PX2 (135)	13059	13061	20130822001745.305	20130822001745.735
PX2 (135)	13076	13079	20130822001748.981	20130822001749.630
PX2 (135)	13079	13086	20130822001749.630	20130822001752.657
PX2 (135)	13086	13088	20130822001752.657	20130822001753.091
PX2 (135)	13091	13093	20130822001753.739	20130822001754.169
PX2 (135)	13102	13104	20130822001756.114	20130822001756.548
PX2 (135)	13122	13124	20130822001801.954	20130822001802.387
PX2 (135)	13133	13135	20130822001804.333	20130822001804.762
PX2 (135)	13140	13142	20130822001805.844	20130822001806.278
PX2 (135)	13142	13144	20130822001806.278	20130822001806.712
PX2 (135)	13184	13186	20130822001818.384	20130822001818.817
PX2 (135)	13194	13197	20130822001820.548	20130822001821.196
PX2 (135)	13198	13200	20130822001821.411	20130822001821.844
PX2 (135)	13201	13204	20130822001822.059	20130822001822.708
PX2 (135)	13204	13207	20130822001822.708	20130822001824.872
PX2 (135)	13207	13209	20130822001824.872	20130822001825.305
PX2 (135)	13240	13242	20130822001833.520	20130822001833.954
PX2 (135)	13242	13245	20130822001833.954	20130822001834.602
PX2 (135)	13245	13267	20130822001834.602	20130822001840.872
PX2 (135)	13296	13325	20130822001848.653	20130822001856.438
PX2 (135)	13353	13388	20130822001902.493	20130822001913.087
PX2 (135)	13392	13475	20130822001913.950	20130822001936.434
PX2 (135)	13654	13659	20130822002022.704	20130822002025.301
PX2 (135)	13684	13697	20130822002030.708	20130822002035.032
PX2 (135)	13712	13715	20130822002038.274	20130822002040.434
PX2 (135)	13744	13752	20130822002046.704	20130822002049.946
PX2 (135)	13768	13770	20130822002053.407	20130822002053.840
PX2 (135)	13775	13781	20130822002056.434	20130822002057.731
PX2 (135)	13787	13811	20130822002059.028	20130822002105.731
PX2 (135)	13820	13847	20130822002107.676	20130822002115.028
PX2 (135)	13864	13866	20130822002118.704	20130822002120.649
PX2 (135)	13866	13888	20130822002120.649	20130822002125.407
PX2 (135)	13894	13900	20130822002126.704	20130822002129.516
PX2 (135)	14434	14447	20130822002350.735	20130822002355.059
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APID	Seq from	Seq to	Time from	Time to
PX2 (135)	14466	14473	20130822002400.684	20130822002402.195
PX2 (135)	14479	14633	20130822002403.492	20130822002444.356
PX2 (135)	16110	16112	20130822003117.859	20130822003118.289
PX2 (135)	12848	12863	20130822012937.940	20130822012941.182
PX2 (135)	12883	12891	20130822012947.029	20130822012948.768
PX2 (135)	12899	12902	20130822012950.506	20130822012952.678
PX2 (135)	12917	13021	20130822012955.924	20130822013024.463
PX2 (135)	13044	13081	20130822013029.436	20130822013040.463
PX2 (135)	13110	13135	20130822013046.732	20130822013053.650
PX2 (135)	4790	4792	20130822020637.409	20130822020637.843
PX2 (135)	4996	4998	20130822020732.542	20130822020732.975
PX2 (135)	5570	5572	20130822021005.405	20130822021005.838
PX2 (135)	7880	7882	20130822022021.423	20130822022021.857
PX3 (140)	9139	9209	20130822000019.498	20130822000037.659
PX3 (140)	9250	9258	20130822000049.549	20130822000051.280
PX3 (140)	9272	9275	20130822000054.307	20130822000056.467
PX3 (140)	9367	9386	20130822000120.901	20130822000125.010
PX3 (140)	9437	9439	20130822000139.061	20130822000139.494
PX3 (140)	9450	9452	20130822000141.873	20130822000142.307
PX3 (140)	9482	9484	20130822000150.307	20130822000150.737
PX3 (140)	9484	9515	20130822000150.737	20130822000200.467
PX3 (140)	9518	9523	20130822000201.115	20130822000202.197
PX3 (140)	9524	9526	20130822000202.412	20130822000202.846
PX3 (140)	9527	9535	20130822000203.061	20130822000204.791
PX3 (140)	9605	9619	20130822000224.467	20130822000227.494
PX3 (140)	9639	9646	20130822000233.330	20130822000234.846
PX3 (140)	9655	9772	20130822000236.791	20130822000308.143
PX3 (140)	9784	9793	20130822000310.736	20130822000314.193
PX3 (140)	10015	10017	20130822000412.787	20130822000413.221
PX3 (140)	10018	10020	20130822000413.436	20130822000413.869
PX3 (140)	10234	10265	20130822000510.732	20130822000520.463
PX3 (140)	10275	10281	20130822000522.623	20130822000523.920
PX3 (140)	10294	10299	20130822000526.732	20130822000529.326
PX3 (140)	10324	10330	20130822000534.732	20130822000537.541
PX3 (140)	10354	10360	20130822000542.732	20130822000545.541
PX3 (140)	10375	10383	20130822000548.783	20130822000550.514
PX3 (140)	10385	10505	20130822000552.459	20130822000624.459
PX3 (140)	11194	11205	20130822000926.724	20130822000930.615
PX3 (140)	11254	11282	20130822000942.724	20130822000950.291
PX3 (140)	11284	11289	20130822000950.724	20130822000953.318
PX3 (140)	11291	11293	20130822000953.751	20130822000954.185
PX3 (140)	11293	11405	20130822000954.185	20130822001024.455
PX3 (140)	11457	11459	20130822001037.208	20130822001037.642
PX3 (140)	11486	11488	20130822001044.994	20130822001045.423
PX3 (140)	11528	11549	20130822001057.099	20130822001101.642
PX3 (140)	11552	11554	20130822001102.290	20130822001102.720
PX3 (140)	11584	11602	20130822001110.720	20130822001116.126
PX3 (140)	11602	11604	20130822001116.126	20130822001116.560
PX3 (140)	11605	11607	20130822001116.775	20130822001117.208
PX3 (140)	11636	11653	20130822001124.994	20130822001130.181
PX3 (140)	11689	11705	20130822001139.478	20130822001144.451
PX3 (140)	11742	11744	20130822001153.962	20130822001154.396
PX3 (140)	11745	11747	20130822001154.611	20130822001155.044

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APID	Seq from	Seq to	Time from	Time to
PX3 (140)	11747	11757	20130822001155.044	20130822001157.208
PX3 (140)	11758	11761	20130822001157.423	20130822001158.072
PX3 (140)	11801	11804	20130822001209.747	20130822001210.396
PX3 (140)	11806	11808	20130822001210.829	20130822001211.259
PX3 (140)	11816	11819	20130822001212.990	20130822001213.638
PX3 (140)	11913	11915	20130822001238.501	20130822001240.447
PX3 (140)	11955	11957	20130822001250.611	20130822001251.044
PX3 (140)	12070	12072	20130822001321.528	20130822001321.962
PX3 (140)	12110	12112	20130822001331.693	20130822001332.122
PX3 (140)	12176	12178	20130822001348.989	20130822001349.419
PX3 (140)	12231	12233	20130822001403.907	20130822001404.337
PX3 (140)	12298	12300	20130822001421.419	20130822001421.853
PX3 (140)	12419	12421	20130822001453.634	20130822001454.067
PX3 (140)	12421	12423	20130822001454.067	20130822001454.497
PX3 (140)	12466	12468	20130822001506.821	20130822001507.255
PX3 (140)	12475	12483	20130822001508.767	20130822001510.497
PX3 (140)	12483	12485	20130822001510.497	20130822001512.446
PX3 (140)	12504	12506	20130822001516.552	20130822001516.985
PX3 (140)	12529	12531	20130822001523.470	20130822001523.903
PX3 (140)	12532	12539	20130822001524.118	20130822001525.634
PX3 (140)	12540	12542	20130822001525.849	20130822001526.282
PX3 (140)	12583	12585	20130822001538.173	20130822001538.606
PX3 (140)	12585	12588	20130822001538.606	20130822001539.255
PX3 (140)	12588	12593	20130822001539.255	20130822001540.337
PX3 (140)	12593	12595	20130822001540.337	20130822001540.767
PX3 (140)	12634	12646	20130822001550.712	20130822001554.821
PX3 (140)	12646	12649	20130822001554.821	20130822001555.470
PX3 (140)	12649	12651	20130822001555.470	20130822001555.903
PX3 (140)	12687	12689	20130822001605.200	20130822001605.634
PX3 (140)	12690	12702	20130822001605.849	20130822001609.958
PX3 (140)	12742	12756	20130822001620.118	20130822001624.657
PX3 (140)	12799	12816	20130822001635.470	20130822001640.657
PX3 (140)	12850	12852	20130822001649.520	20130822001649.954
PX3 (140)	12852	12854	20130822001649.954	20130822001650.388
PX3 (140)	12855	12857	20130822001650.602	20130822001651.036
PX3 (140)	12857	12861	20130822001651.036	20130822001651.899
PX3 (140)	12861	12870	20130822001651.899	20130822001653.845
PX3 (140)	12870	12872	20130822001653.845	20130822001654.278
PX3 (140)	12872	12874	20130822001654.278	20130822001654.712
PX3 (140)	12874	12876	20130822001654.712	20130822001656.657
PX3 (140)	12880	12882	20130822001657.524	20130822001657.954
PX3 (140)	12882	12885	20130822001657.954	20130822001658.602
PX3 (140)	12901	12904	20130822001702.063	20130822001702.712
PX3 (140)	12905	12908	20130822001704.442	20130822001705.091
PX3 (140)	12908	12910	20130822001705.091	20130822001705.520
PX3 (140)	12910	12919	20130822001705.520	20130822001707.470
PX3 (140)	12919	12925	20130822001707.470	20130822001708.766
PX3 (140)	12932	12934	20130822001710.278	20130822001710.712
PX3 (140)	12946	12948	20130822001714.821	20130822001715.251
PX3 (140)	12954	12956	20130822001716.548	20130822001716.981
PX3 (140)	12961	12963	20130822001718.063	20130822001718.493
PX3 (140)	12963	12966	20130822001718.493	20130822001720.657
PX3 (140)	12966	12968	20130822001720.657	20130822001721.091
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APID	Seq from	Seq to	Time from	Time to
PX3 (140)	12972	12974	20130822001721.954	20130822001722.387
PX3 (140)	13020	13023	20130822001733.845	20130822001734.493
PX3 (140)	13066	13068	20130822001746.817	20130822001747.251
PX3 (140)	13069	13071	20130822001747.466	20130822001747.899
PX3 (140)	13071	13074	20130822001747.899	20130822001748.548
PX3 (140)	13076	13084	20130822001748.981	20130822001750.712
PX3 (140)	13085	13089	20130822001752.438	20130822001753.305
PX3 (140)	13133	13135	20130822001804.333	20130822001804.762
PX3 (140)	13139	13143	20130822001805.630	20130822001806.493
PX3 (140)	13195	13198	20130822001820.762	20130822001821.411
PX3 (140)	13198	13205	20130822001821.411	20130822001824.438
PX3 (140)	13206	13208	20130822001824.653	20130822001825.087
PX3 (140)	13243	13267	20130822001834.169	20130822001840.872
PX3 (140)	13296	13325	20130822001848.653	20130822001856.438
PX3 (140)	13353	13387	20130822001902.493	20130822001912.872
PX3 (140)	13392	13475	20130822001913.950	20130822001936.434
PX3 (140)	13654	13659	20130822002022.704	20130822002025.301
PX3 (140)	13684	13697	20130822002030.708	20130822002035.032
PX3 (140)	13697	13699	20130822002035.032	20130822002035.461
PX3 (140)	13712	13715	20130822002038.274	20130822002040.434
PX3 (140)	13744	13752	20130822002046.704	20130822002049.946
PX3 (140)	13767	13769	20130822002053.192	20130822002053.625
PX3 (140)	13774	13781	20130822002054.704	20130822002057.731
PX3 (140)	13787	13811	20130822002059.028	20130822002105.731
PX3 (140)	13820	13847	20130822002107.676	20130822002115.028
PX3 (140)	13865	13888	20130822002120.434	20130822002125.407
PX3 (140)	13894	13900	20130822002126.704	20130822002129.516
PX3 (140)	14434	14447	20130822002350.735	20130822002355.059
PX3 (140)	14466	14473	20130822002400.684	20130822002402.195
PX3 (140)	14479	14632	20130822002403.492	20130822002444.141
PX3 (140)	12847	12863	20130822012937.725	20130822012941.182
PX3 (140)	12863	12865	20130822012941.182	20130822012941.615
PX3 (140)	12883	12891	20130822012947.029	20130822012948.768
PX3 (140)	12898	12901	20130822012950.291	20130822012952.463
PX3 (140)	12917	13021	20130822012955.924	20130822013024.463
PX3 (140)	13044	13081	20130822013029.436	20130822013040.463
PX3 (140)	13110	13134	20130822013046.732	20130822013053.436
PX3 (140)	6180	6182	20130822021249.076	20130822021249.506
PX3 (140)	7320	7322	20130822033041.952	20130822033042.386
PX3 (140)	11214	11216	20130822034800.662	20130822034801.095
PX3 (140)	14211	14213	20130822040118.477	20130822040120.426
PX3 (140)	15061	15063	20130822040506.148	20130822040506.578
PX4 (145)	9250	9258	20130822000049.549	20130822000051.280
PX4 (145)	9272	9275	20130822000054.307	20130822000056.467
PX4 (145)	9365	9367	20130822000120.467	20130822000120.901
PX4 (145)	9367	9387	20130822000120.901	20130822000125.225
PX4 (145)	9462	9464	20130822000145.983	20130822000146.412
PX4 (145)	9481	9515	20130822000150.088	20130822000200.467
PX4 (145)	9518	9523	20130822000201.115	20130822000202.197
PX4 (145)	9527	9535	20130822000203.061	20130822000204.791
PX4 (145)	9604	9619	20130822000222.737	20130822000227.494
PX4 (145)	9638	9646	20130822000233.115	20130822000234.846
PX4 (145)	9655	9772	20130822000236.791	20130822000308.143

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APID	Seq from	Seq to	Time from	Time to
PX4 (145)	9784	9794	20130822000310.736	20130822000314.412
PX4 (145)	10011	10013	20130822000411.924	20130822000412.354
PX4 (145)	10234	10265	20130822000510.732	20130822000520.463
PX4 (145)	10275	10281	20130822000522.623	20130822000523.920
PX4 (145)	10294	10299	20130822000526.732	20130822000529.326
PX4 (145)	10324	10330	20130822000534.732	20130822000537.541
PX4 (145)	10354	10360	20130822000542.732	20130822000545.541
PX4 (145)	10376	10383	20130822000549.002	20130822000550.514
PX4 (145)	10384	10505	20130822000550.732	20130822000624.459
PX4 (145)	11194	11205	20130822000926.724	20130822000930.615
PX4 (145)	11254	11282	20130822000942.724	20130822000950.291
PX4 (145)	11284	11289	20130822000950.724	20130822000953.318
PX4 (145)	11291	11293	20130822000953.751	20130822000954.185
PX4 (145)	11293	11405	20130822000954.185	20130822001024.455
PX4 (145)	11477	11479	20130822001043.048	20130822001043.478
PX4 (145)	11489	11491	20130822001045.642	20130822001046.076
PX4 (145)	11492	11494	20130822001046.290	20130822001046.720
PX4 (145)	11526	11528	20130822001056.669	20130822001057.099
PX4 (145)	11528	11549	20130822001057.099	20130822001101.642
PX4 (145)	11584	11603	20130822001110.720	20130822001116.345
PX4 (145)	11632	11634	20130822001124.126	20130822001124.560
PX4 (145)	11636	11653	20130822001124.994	20130822001130.181
PX4 (145)	11688	11705	20130822001139.263	20130822001144.451
PX4 (145)	11744	11746	20130822001154.396	20130822001154.829
PX4 (145)	11746	11758	20130822001154.829	20130822001157.423
PX4 (145)	11758	11761	20130822001157.423	20130822001158.072
PX4 (145)	11763	11765	20130822001158.501	20130822001200.450
PX4 (145)	11792	11794	20130822001206.286	20130822001206.720
PX4 (145)	11814	11816	20130822001212.556	20130822001212.990
PX4 (145)	11863	11865	20130822001226.177	20130822001226.611
PX4 (145)	12032	12034	20130822001310.286	20130822001310.716
PX4 (145)	12175	12179	20130822001348.771	20130822001349.634
PX4 (145)	12187	12189	20130822001352.880	20130822001353.314
PX4 (145)	12267	12269	20130822001413.204	20130822001413.634
PX4 (145)	12281	12283	20130822001417.743	20130822001418.173
PX4 (145)	12285	12287	20130822001418.607	20130822001419.040
PX4 (145)	12297	12299	20130822001421.204	20130822001421.634
PX4 (145)	12299	12301	20130822001421.634	20130822001422.067
PX4 (145)	12301	12303	20130822001422.067	20130822001422.501
PX4 (145)	12425	12427	20130822001456.446	20130822001456.876
PX4 (145)	12470	12472	20130822001507.688	20130822001508.122
PX4 (145)	12472	12474	20130822001508.122	20130822001508.552
PX4 (145)	12477	12485	20130822001509.200	20130822001512.446
PX4 (145)	12525	12527	20130822001522.606	20130822001523.036
PX4 (145)	12529	12534	20130822001523.470	20130822001524.552
PX4 (145)	12534	12536	20130822001524.552	20130822001524.985
PX4 (145)	12536	12539	20130822001524.985	20130822001525.634
PX4 (145)	12581	12583	20130822001537.739	20130822001538.173
PX4 (145)	12583	12585	20130822001538.173	20130822001538.606
PX4 (145)	12585	12591	20130822001538.606	20130822001539.903
PX4 (145)	12592	12594	20130822001540.118	20130822001540.552
PX4 (145)	12634	12649	20130822001550.712	20130822001555.470
PX4 (145)	12649	12651	20130822001555.470	20130822001555.903

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APID	Seq from	Seq to	Time from	Time to
PX4 (145)	12688	12690	20130822001605.415	20130822001605.849
PX4 (145)	12690	12703	20130822001605.849	20130822001610.173
PX4 (145)	12740	12742	20130822001619.684	20130822001620.118
PX4 (145)	12742	12757	20130822001620.118	20130822001624.872
PX4 (145)	12757	12759	20130822001624.872	20130822001625.306
PX4 (145)	12798	12815	20130822001635.251	20130822001640.442
PX4 (145)	12819	12821	20130822001641.306	20130822001641.739
PX4 (145)	12853	12856	20130822001650.173	20130822001650.821
PX4 (145)	12856	12858	20130822001650.821	20130822001651.251
PX4 (145)	12859	12862	20130822001651.470	20130822001652.118
PX4 (145)	12862	12864	20130822001652.118	20130822001652.548
PX4 (145)	12864	12867	20130822001652.548	20130822001653.200
PX4 (145)	12867	12872	20130822001653.200	20130822001654.278
PX4 (145)	12872	12875	20130822001654.278	20130822001656.442
PX4 (145)	12908	12910	20130822001705.091	20130822001705.520
PX4 (145)	12910	12913	20130822001705.520	20130822001706.173
PX4 (145)	12913	12917	20130822001706.173	20130822001707.036
PX4 (145)	12917	12921	20130822001707.036	20130822001707.899
PX4 (145)	12921	12924	20130822001707.899	20130822001708.548
PX4 (145)	12924	12927	20130822001708.548	20130822001709.196
PX4 (145)	12957	12959	20130822001717.196	20130822001717.630
PX4 (145)	12960	12962	20130822001717.848	20130822001718.278
PX4 (145)	12963	12965	20130822001718.493	20130822001720.442
PX4 (145)	12965	12967	20130822001720.442	20130822001720.872
PX4 (145)	12969	12971	20130822001721.305	20130822001721.739
PX4 (145)	12972	12974	20130822001721.954	20130822001722.387
PX4 (145)	12981	12983	20130822001723.899	20130822001724.333
PX4 (145)	13020	13024	20130822001733.845	20130822001734.712
PX4 (145)	13030	13032	20130822001737.520	20130822001737.954
PX4 (145)	13077	13079	20130822001749.196	20130822001749.630
PX4 (145)	13079	13088	20130822001749.630	20130822001753.091
PX4 (145)	13090	13092	20130822001753.520	20130822001753.954
PX4 (145)	13099	13101	20130822001755.466	20130822001755.899
PX4 (145)	13141	13143	20130822001806.059	20130822001806.493
PX4 (145)	13145	13147	20130822001808.438	20130822001808.872
PX4 (145)	13188	13190	20130822001819.251	20130822001819.684
PX4 (145)	13192	13195	20130822001820.114	20130822001820.762
PX4 (145)	13197	13203	20130822001821.196	20130822001822.493
PX4 (145)	13204	13207	20130822001822.708	20130822001824.872
PX4 (145)	13209	13211	20130822001825.305	20130822001825.735
PX4 (145)	13242	13244	20130822001833.954	20130822001834.383
PX4 (145)	13244	13266	20130822001834.383	20130822001840.653
PX4 (145)	13266	13268	20130822001840.653	20130822001841.087
PX4 (145)	13297	13325	20130822001848.868	20130822001856.438
PX4 (145)	13352	13354	20130822001902.274	20130822001902.708
PX4 (145)	13354	13387	20130822001902.708	20130822001912.872
PX4 (145)	13392	13475	20130822001913.950	20130822001936.434
PX4 (145)	13654	13659	20130822002022.704	20130822002025.301
PX4 (145)	13684	13697	20130822002030.708	20130822002035.032
PX4 (145)	13712	13715	20130822002038.274	20130822002040.434
PX4 (145)	13744	13752	20130822002046.704	20130822002049.946
PX4 (145)	13767	13769	20130822002053.192	20130822002053.625
PX4 (145)	13774	13781	20130822002054.704	20130822002057.731
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APID	Seq from	Seq to	Time from	Time to
PX4 (145)	13786	13811	20130822002058.813	20130822002105.731
PX4 (145)	13820	13846	20130822002107.676	20130822002114.813
PX4 (145)	13865	13888	20130822002120.434	20130822002125.407
PX4 (145)	13894	13900	20130822002126.704	20130822002129.516
PX4 (145)	13924	13926	20130822002134.704	20130822002136.649
PX4 (145)	14434	14447	20130822002350.735	20130822002355.059
PX4 (145)	14466	14473	20130822002400.684	20130822002402.195
PX4 (145)	14478	14632	20130822002403.278	20130822002444.141
PX4 (145)	15921	15923	20130822003027.914	20130822003028.347
PX4 (145)	12848	12862	20130822012937.940	20130822012940.967
PX4 (145)	12863	12865	20130822012941.182	20130822012941.615
PX4 (145)	12882	12891	20130822012946.815	20130822012948.768
PX4 (145)	12898	12901	20130822012950.291	20130822012952.463
PX4 (145)	12917	13021	20130822012955.924	20130822013024.463
PX4 (145)	13044	13081	20130822013029.436	20130822013040.463
PX4 (145)	13110	13135	20130822013046.732	20130822013053.650
PX4 (145)	946	948	20130822014932.539	20130822014932.969
PX4 (145)	4832	4834	20130822020649.518	20130822020649.952
PX4 (145)	6118	6120	20130822021232.643	20130822021233.076
PX4 (145)	7320	7322	20130822033041.952	20130822033042.386
PX4 (145)	12566	12568	20130822035401.087	20130822035401.517
PX4 (145)	14220	14222	20130822040121.938	20130822040122.367
IMG (150)	7215	7292	20130822000019.498	20130822000037.440
IMG (150)	7342	7350	20130822000049.549	20130822000051.280
IMG (150)	7363	7367	20130822000054.092	20130822000055.170
IMG (150)	7473	7475	20130822000120.467	20130822000120.901
IMG (150)	7475	7494	20130822000120.901	20130822000125.010
IMG (150)	7592	7594	20130822000148.143	20130822000148.576
IMG (150)	7601	7603	20130822000150.088	20130822000150.522
IMG (150)	7603	7639	20130822000150.522	20130822000159.170
IMG (150)	7646	7651	20130822000201.115	20130822000202.197
IMG (150)	7652	7654	20130822000202.412	20130822000202.846
IMG (150)	7654	7663	20130822000202.846	20130822000204.791
IMG (150)	7744	7759	20130822000224.033	20130822000227.494
IMG (150)	7782	7790	20130822000233.115	20130822000234.846
IMG (150)	7799	7932	20130822000236.791	20130822000308.143
IMG (150)	7944	7957	20130822000310.736	20130822000314.193
IMG (150)	8202	8204	20130822000411.705	20130822000412.139
IMG (150)	8207	8209	20130822000412.787	20130822000413.221
IMG (150)	8454	8489	20130822000510.732	20130822000519.166
IMG (150)	8502	8509	20130822000522.408	20130822000523.920
IMG (150)	8522	8531	20130822000526.732	20130822000529.326
IMG (150)	8559	8565	20130822000535.810	20130822000537.326
IMG (150)	8590	8600	20130822000542.732	20130822000545.541
IMG (150)	8615	8623	20130822000548.783	20130822000550.514
IMG (150)	8628	8761	20130822000552.029	20130822000623.162
IMG (150)	9543	9556	20130822000927.158	20130822000930.400
IMG (150)	9610	9641	20130822000942.724	20130822000950.076
IMG (150)	9644	9653	20130822000950.724	20130822000953.318
IMG (150)	9656	9781	20130822000953.966	20130822001023.154
IMG (150)	9878	9880	20130822001045.857	20130822001046.290
IMG (150)	9885	9887	20130822001047.802	20130822001048.451
IMG (150)	9923	9943	20130822001056.884	20130822001101.208
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Table 2 – continued from previous page

APID	Seq from	Seq to	Time from	Time to
IMG (150)	9943	9946	20130822001101.208	20130822001101.857
IMG (150)	9984	10006	20130822001110.720	20130822001116.126
IMG (150)	10043	10065	20130822001124.775	20130822001130.181
IMG (150)	10105	10121	20130822001139.478	20130822001143.154
IMG (150)	10168	10170	20130822001154.396	20130822001154.829
IMG (150)	10171	10175	20130822001155.044	20130822001155.908
IMG (150)	10175	10179	20130822001155.908	20130822001156.775
IMG (150)	10179	10182	20130822001156.775	20130822001157.423
IMG (150)	10460	10462	20130822001302.720	20130822001303.364
IMG (150)	10463	10465	20130822001303.798	20130822001304.446
IMG (150)	10506	10508	20130822001313.962	20130822001314.396
IMG (150)	10647	10649	20130822001347.040	20130822001347.474
IMG (150)	10720	10722	20130822001404.122	20130822001404.556
IMG (150)	10725	10727	20130822001405.204	20130822001405.634
IMG (150)	10776	10778	20130822001417.528	20130822001417.958
IMG (150)	10783	10785	20130822001419.040	20130822001419.474
IMG (150)	10786	10788	20130822001419.689	20130822001420.122
IMG (150)	10797	10799	20130822001422.067	20130822001422.501
IMG (150)	10870	10872	20130822001439.364	20130822001440.013
IMG (150)	10986	10988	20130822001506.821	20130822001507.255
IMG (150)	10994	10998	20130822001508.552	20130822001509.419
IMG (150)	10999	11001	20130822001509.634	20130822001510.063
IMG (150)	11003	11005	20130822001510.497	20130822001511.146
IMG (150)	11051	11053	20130822001522.173	20130822001522.606
IMG (150)	11055	11057	20130822001523.036	20130822001523.470
IMG (150)	11057	11059	20130822001523.470	20130822001523.903
IMG (150)	11059	11064	20130822001523.903	20130822001524.985
IMG (150)	11064	11066	20130822001524.985	20130822001525.419
IMG (150)	11119	11127	20130822001538.173	20130822001539.903
IMG (150)	11127	11129	20130822001539.903	20130822001540.337
IMG (150)	11174	11176	20130822001550.712	20130822001551.364
IMG (150)	11177	11191	20130822001551.794	20130822001555.036
IMG (150)	11192	11194	20130822001555.255	20130822001555.688
IMG (150)	11194	11196	20130822001555.688	20130822001556.118
IMG (150)	11236	11252	20130822001605.415	20130822001609.524
IMG (150)	11293	11295	20130822001619.036	20130822001619.470
IMG (150)	11298	11315	20130822001620.118	20130822001624.442
IMG (150)	11315	11317	20130822001624.442	20130822001624.872
IMG (150)	11359	11379	20130822001634.602	20130822001639.145
IMG (150)	11422	11424	20130822001649.520	20130822001649.954
IMG (150)	11428	11434	20130822001650.821	20130822001652.118
IMG (150)	11434	11445	20130822001652.118	20130822001654.497
IMG (150)	11445	11448	20130822001654.497	20130822001655.360
IMG (150)	11449	11451	20130822001655.794	20130822001656.442
IMG (150)	11455	11457	20130822001657.306	20130822001657.739
IMG (150)	11490	11492	20130822001705.520	20130822001705.954
IMG (150)	11492	11494	20130822001705.954	20130822001706.388
IMG (150)	11494	11497	20130822001706.388	20130822001707.036
IMG (150)	11497	11501	20130822001707.036	20130822001707.899
IMG (150)	11503	11506	20130822001708.333	20130822001708.981
IMG (150)	11513	11515	20130822001710.497	20130822001711.141
IMG (150)	11540	11542	20130822001716.981	20130822001717.415
IMG (150)	11548	11552	20130822001718.712	20130822001720.009
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Table 2 – continued from previous page

APID	Seq from	Seq to	Time from	Time to
IMG (150)	11562	11564	20130822001722.387	20130822001722.817
IMG (150)	11564	11566	20130822001722.817	20130822001723.251
IMG (150)	11589	11591	20130822001728.872	20130822001729.305
IMG (150)	11594	11596	20130822001729.954	20130822001730.387
IMG (150)	11612	11614	20130822001733.845	20130822001734.278
IMG (150)	11622	11625	20130822001736.657	20130822001737.305
IMG (150)	11673	11675	20130822001748.333	20130822001748.762
IMG (150)	11677	11679	20130822001749.196	20130822001749.630
IMG (150)	11679	11685	20130822001749.630	20130822001751.141
IMG (150)	11685	11689	20130822001751.141	20130822001752.438
IMG (150)	11727	11729	20130822001801.305	20130822001801.735
IMG (150)	11751	11753	20130822001806.493	20130822001807.141
IMG (150)	11761	11763	20130822001809.305	20130822001809.735
IMG (150)	11766	11768	20130822001810.384	20130822001810.817
IMG (150)	11809	11811	20130822001820.329	20130822001820.762
IMG (150)	11814	11816	20130822001821.411	20130822001821.844
IMG (150)	11817	11822	20130822001822.059	20130822001823.356
IMG (150)	11823	11825	20130822001823.790	20130822001824.438
IMG (150)	11827	11829	20130822001824.872	20130822001825.305
IMG (150)	11867	11893	20130822001834.169	20130822001840.438
IMG (150)	11894	11896	20130822001840.653	20130822001841.087
IMG (150)	11927	11929	20130822001848.438	20130822001848.868
IMG (150)	11929	11957	20130822001848.868	20130822001855.141
IMG (150)	11990	12031	20130822001902.708	20130822001912.872
IMG (150)	12036	12128	20130822001913.950	20130822001935.356
IMG (150)	12330	12339	20130822002022.704	20130822002025.301
IMG (150)	12364	12381	20130822002030.708	20130822002035.032
IMG (150)	12396	12399	20130822002038.274	20130822002039.137
IMG (150)	12432	12444	20130822002046.704	20130822002049.946
IMG (150)	12470	12477	20130822002056.000	20130822002057.731
IMG (150)	12482	12511	20130822002058.813	20130822002105.731
IMG (150)	12519	12550	20130822002107.461	20130822002114.813
IMG (150)	12573	12595	20130822002120.434	20130822002125.192
IMG (150)	12602	12612	20130822002126.704	20130822002129.516
IMG (150)	13218	13230	20130822002352.035	20130822002354.844
IMG (150)	13254	13261	20130822002400.684	20130822002402.195
IMG (150)	13266	13440	20130822002403.278	20130822002444.141
IMG (150)	15322	15325	20130822003206.722	20130822003207.804
IMG (150)	13603	13618	20130822012937.725	20130822012940.967
IMG (150)	13642	13651	20130822012946.815	20130822012948.768
IMG (150)	13658	13665	20130822012950.291	20130822012952.463
IMG (150)	13681	13797	20130822012955.924	20130822013023.166
IMG (150)	13823	13865	20130822013029.221	20130822013039.166
IMG (150)	13898	13925	20130822013046.732	20130822013053.217
IMG (150)	6093	6095	20130822020425.737	20130822020426.171
IMG (150)	6704	6706	20130822020649.518	20130822020649.952
VER (160)	14034	14038	20130822000046.741	20130822000054.307
VER (160)	14040	14042	20130822000102.741	20130822000102.741
VER (160)	14064	14068	20130822000134.737	20130822000142.737
VER (160)	14069	14076	20130822000142.737	20130822000150.737
VER (160)	14099	14120	20130822000230.736	20130822000310.736
VER (160)	14120	14125	20130822000310.736	20130822000318.733
VER (160)	14197	14202	20130822000510.732	20130822000510.732

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Table 2 – continued from previous page

APID	Seq from	Seq to	Time from	Time to
VER (160)	14206	14210	20130822000526.732	20130822000534.732
VER (160)	14217	14220	20130822000542.732	20130822000550.732
VER (160)	14224	14244	20130822000550.732	20130822000552.459
VER (160)	14365	14370	20130822000942.724	20130822000950.724
VER (160)	14372	14393	20130822000950.724	20130822000954.185
VER (160)	14404	14406	20130822001038.724	20130822001046.720
VER (160)	14419	14425	20130822001102.720	20130822001118.720
VER (160)	14429	14435	20130822001118.720	20130822001134.720
VER (160)	14439	14444	20130822001134.720	20130822001139.478
VER (160)	14471	14474	20130822001230.720	20130822001230.720
VER (160)	14476	14478	20130822001238.720	20130822001238.720
VER (160)	14495	14497	20130822001310.716	20130822001310.716
VER (160)	14550	14552	20130822001438.716	20130822001438.716
VER (160)	14559	14561	20130822001446.716	20130822001454.716
VER (160)	14569	14574	20130822001502.716	20130822001510.497
VER (160)	14597	14600	20130822001550.712	20130822001558.712
VER (160)	14604	14610	20130822001558.712	20130822001614.712
VER (160)	14614	14620	20130822001614.712	20130822001630.712
VER (160)	14624	14629	20130822001630.712	20130822001635.903
VER (160)	14634	14639	20130822001646.712	20130822001654.712
VER (160)	14640	14644	20130822001702.712	20130822001702.712
VER (160)	14646	14648	20130822001710.712	20130822001710.712
VER (160)	14649	14654	20130822001710.712	20130822001718.712
VER (160)	14656	14658	20130822001726.712	20130822001726.712
VER (160)	14660	14662	20130822001734.712	20130822001734.712
VER (160)	14662	14664	20130822001734.712	20130822001734.712
VER (160)	14669	14674	20130822001742.708	20130822001750.712
VER (160)	14679	14682	20130822001758.708	20130822001806.712
VER (160)	14689	14695	20130822001814.708	20130822001830.708
VER (160)	14696	14698	20130822001830.708	20130822001830.708
VER (160)	14699	14705	20130822001830.708	20130822001846.708
VER (160)	14709	14713	20130822001846.708	20130822001848.868
VER (160)	14714	14740	20130822001848.868	20130822001942.708
VER (160)	14764	14770	20130822002014.708	20130822002030.708
VER (160)	14770	14778	20130822002030.708	20130822002038.274
VER (160)	14781	14785	20130822002046.704	20130822002054.704
VER (160)	14789	14800	20130822002054.704	20130822002118.704
VER (160)	14804	14810	20130822002118.704	20130822002134.704
VER (160)	14904	14930	20130822002358.738	20130822002446.734
VER (160)	985	1006	20130822012942.697	20130822012956.139
VER (160)	1010	1018	20130822012956.139	20130822013029.436
VER (160)	1020	1026	20130822013029.436	20130822013054.732
AUX (180)	15913	15915	20130822000143.170	20130822000159.170
AUX (180)	15919	15925	20130822000231.170	20130822000319.166
AUX (180)	15938	15940	20130822000503.166	20130822000519.166
AUX (180)	15940	15942	20130822000519.166	20130822000535.162
AUX (180)	15942	15944	20130822000535.162	20130822000551.162
AUX (180)	15944	15948	20130822000551.162	20130822000623.162
AUX (180)	15972	15978	20130822000935.158	20130822001023.154
AUX (180)	15983	15985	20130822001103.154	20130822001119.154
AUX (180)	15985	15987	20130822001119.154	20130822001135.154
AUX (180)	16018	16020	20130822001543.145	20130822001559.145
AUX (180)	16020	16022	20130822001559.145	20130822001615.145

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Table 2 – continued from previous page

APID	Seq from	Seq to	Time from	Time to
AUX (180)	16039	16041	20130822001831.141	20130822001847.141
AUX (180)	16042	16048	20130822001855.141	20130822001943.141
AUX (180)	16052	16055	20130822002015.137	20130822002039.137
AUX (180)	16055	16057	20130822002039.137	20130822002055.137
AUX (180)	16057	16060	20130822002055.137	20130822002119.137
AUX (180)	16060	16062	20130822002119.137	20130822002135.137
AUX (180)	16080	16086	20130822002359.168	20130822002447.168
AUX (180)	189	194	20130822012943.127	20130822013023.166
AUX (180)	194	196	20130822013023.166	20130822013039.166
AUX (180)	196	198	20130822013039.166	20130822013055.166

Table 2: L0 data gaps

3 Instrument modes

Time	Transition from	Transition to
22/08/2013 00:00:44	-	Normal operation

Table 3: Instrument modes

4 L0 and L1 Data Quality

Flag	Value	Action
L0 IASI PDUs	481	-
L1 ENG PDUs	478	-
L1 ENG distinct GEPSGranule	477	-
GQisFlagQual set (PX1)	99.24 %	-
GQisFlagQual set (PX2)	99.31 %	-
GQisFlagQual set (PX3)	99.32 %	-
GQisFlagQual set (PX4)	99.23 %	-
GQisFlagQual set (all)	99.27 %	-

Table 4: Quality flags

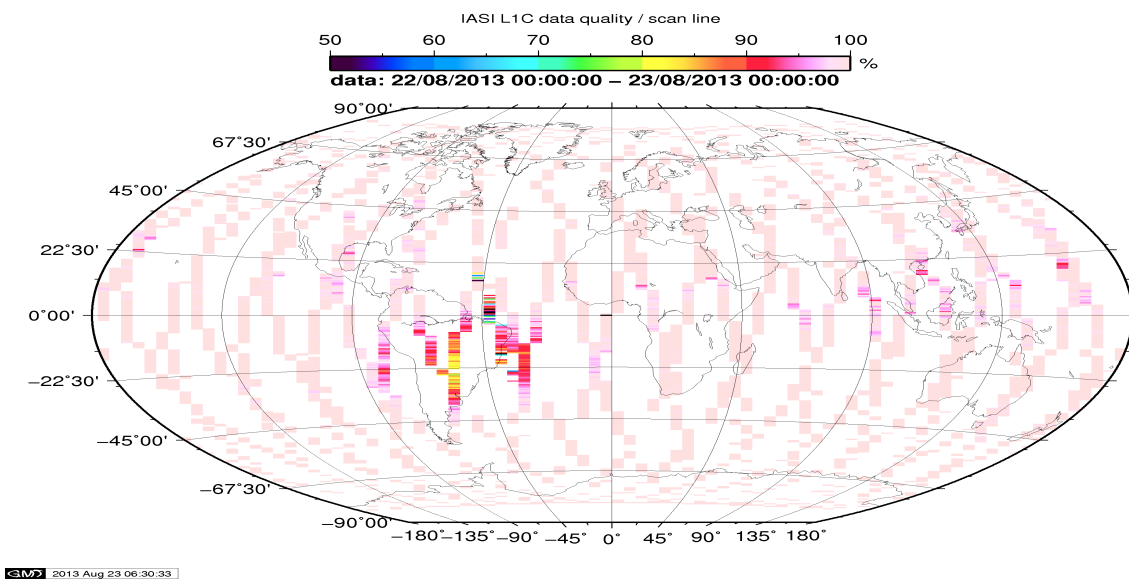


Figure 1: L1C data quality

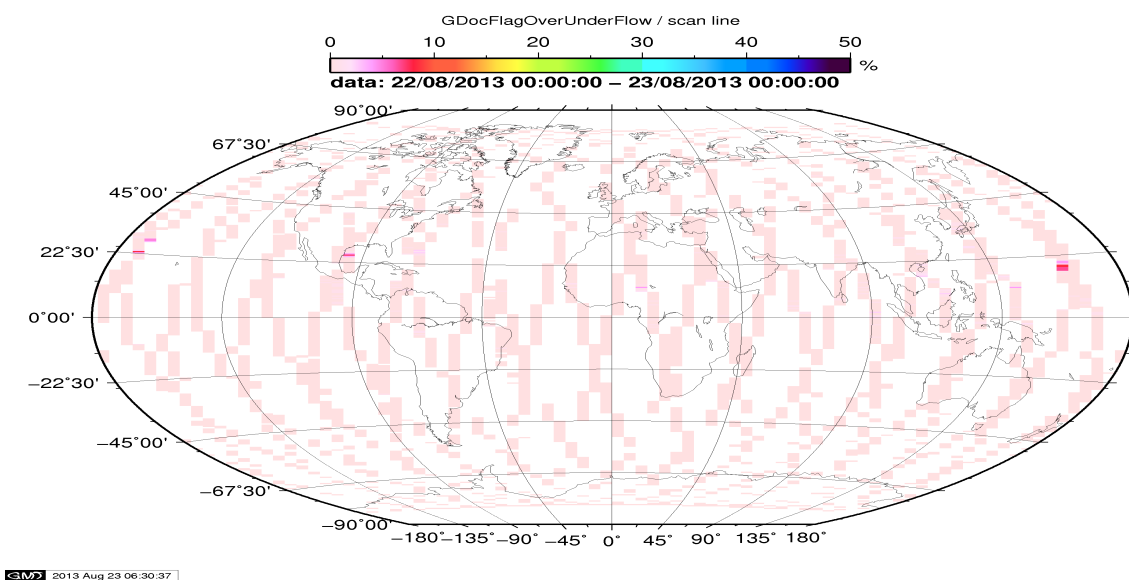


Figure 2: Flag of Over and Under Flows

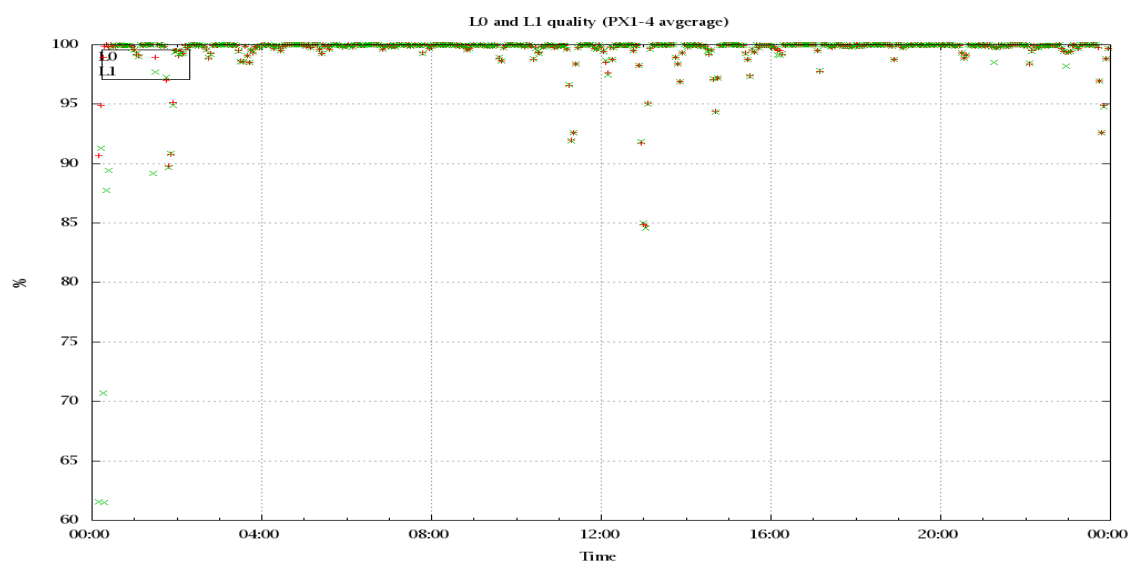


Figure 3: Level 0 and 1C overall quality

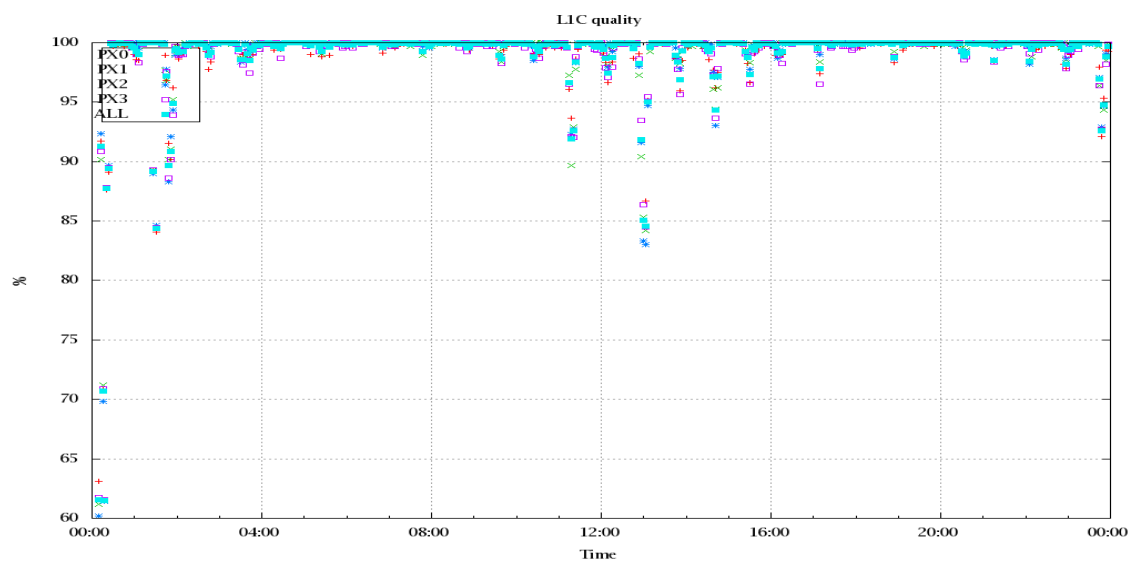


Figure 4: Level 1C quality

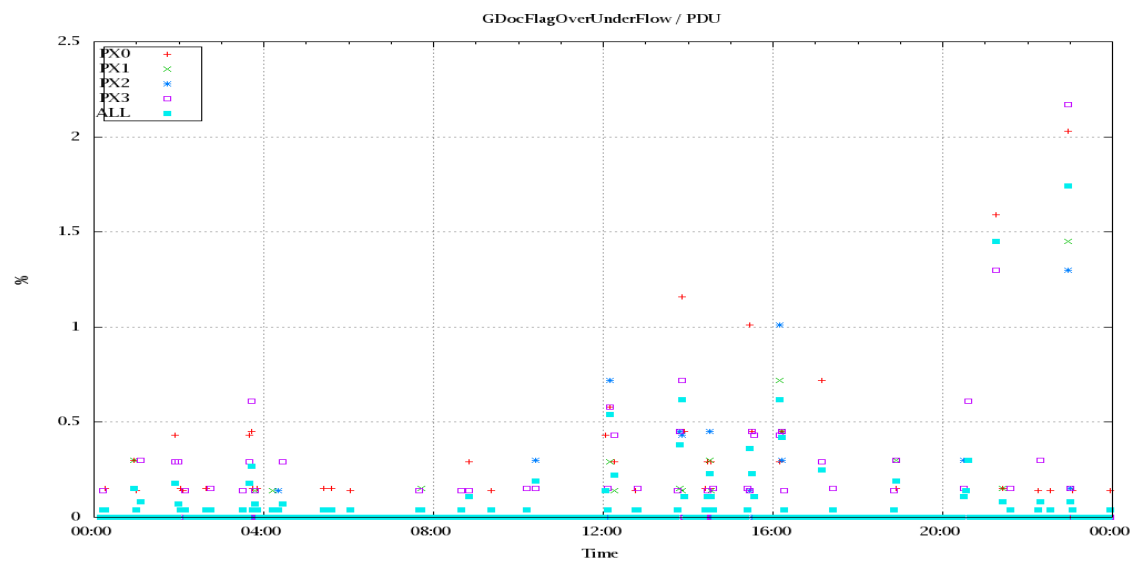


Figure 5: OverUnderFlowFlag timeseries

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.

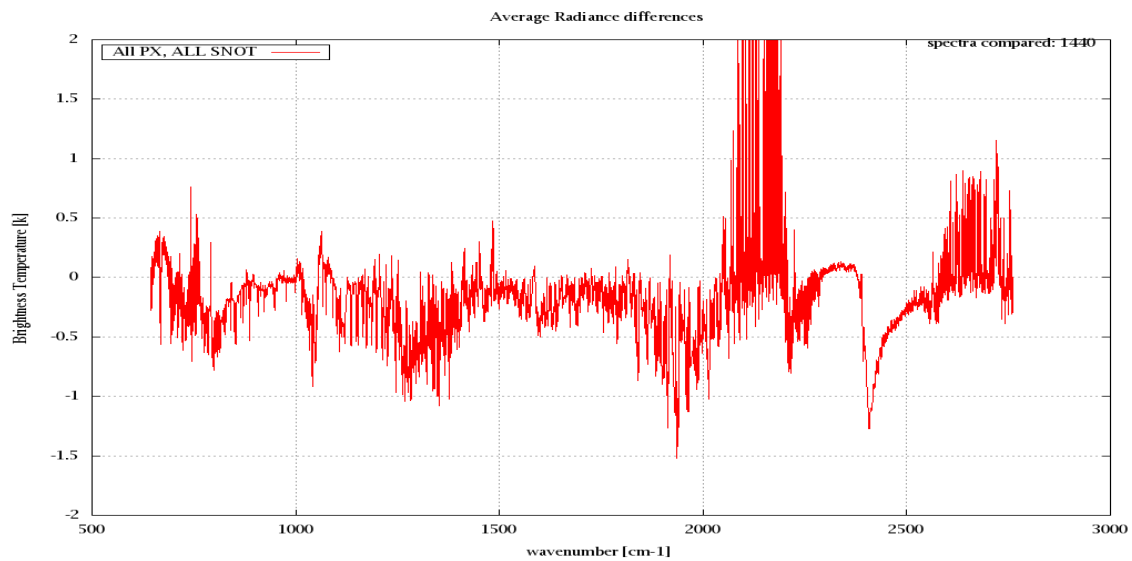


Figure 6: Average Radiance differences: OBS-CAL

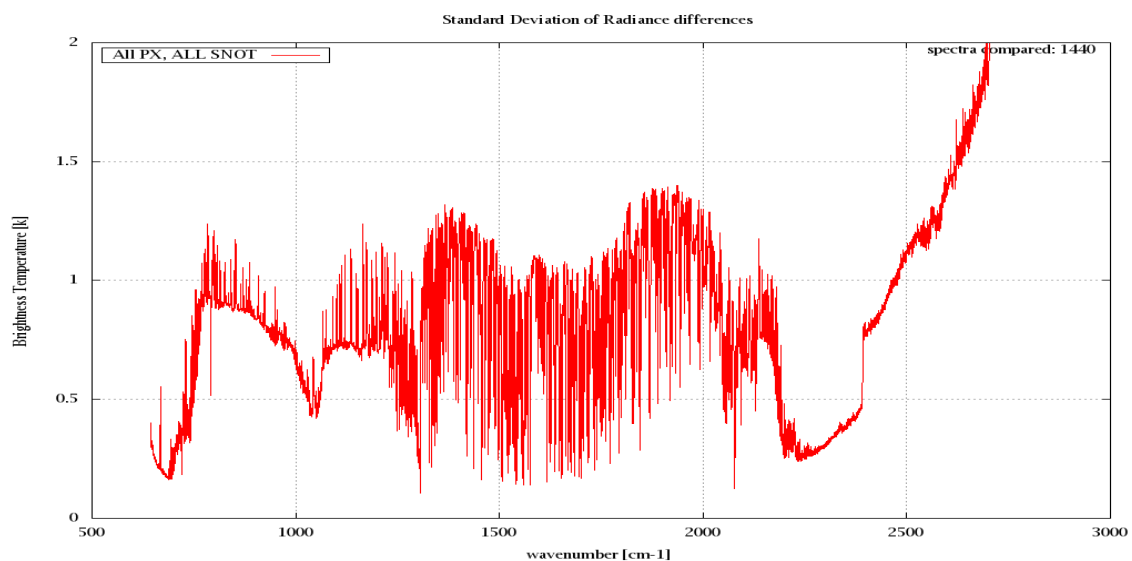


Figure 7: Standard Deviation of Radiance differences

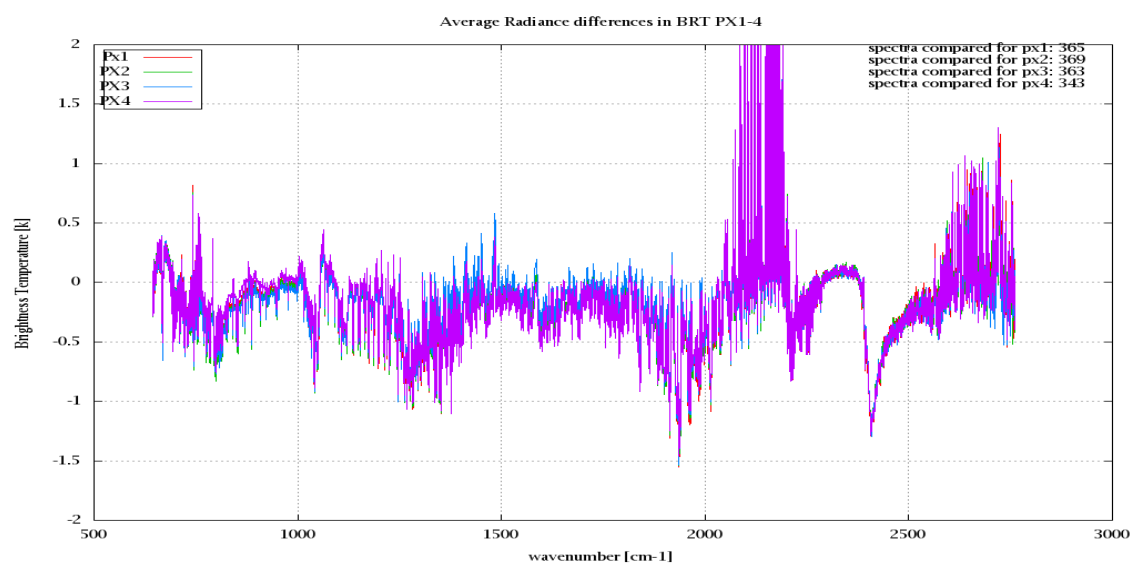


Figure 8: Average Radiance differences: OBS-CAL

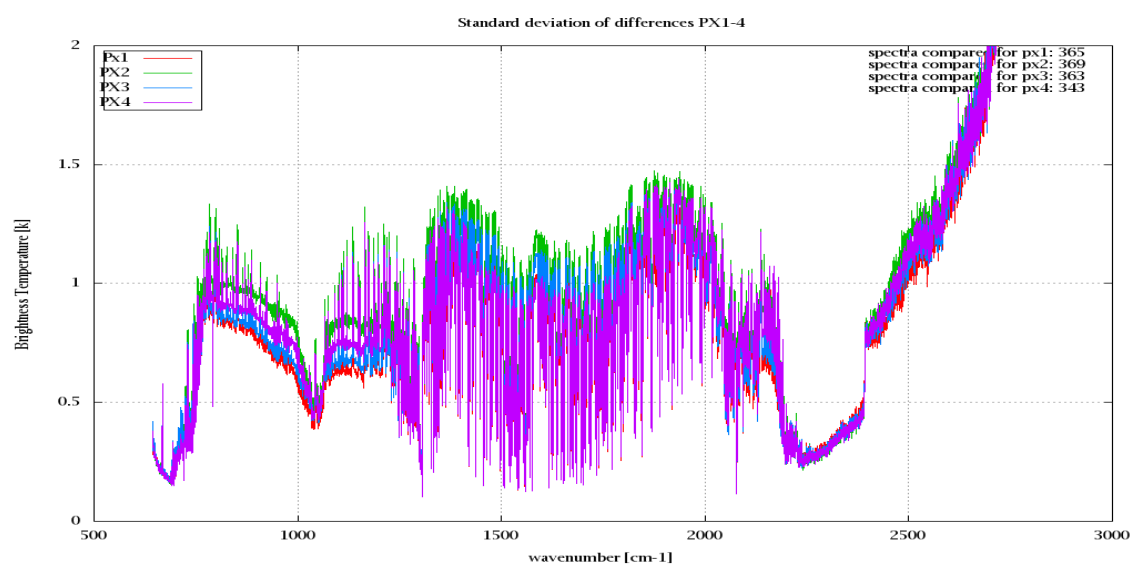


Figure 9: Standard Deviation of Radiance differences

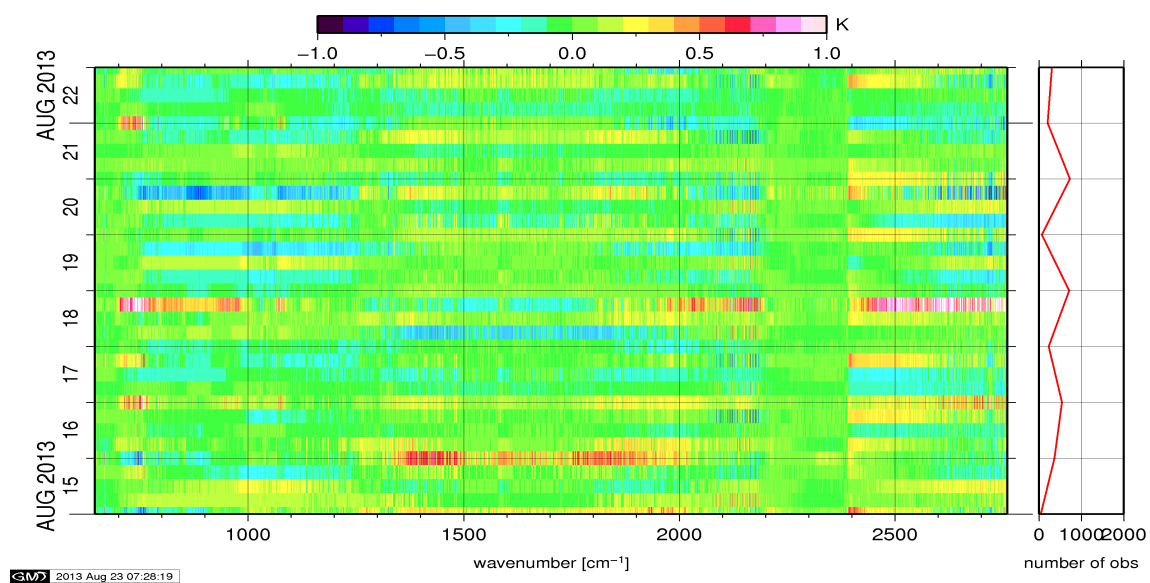


Figure 10: Radiance Anomaly in BRT: All Channels

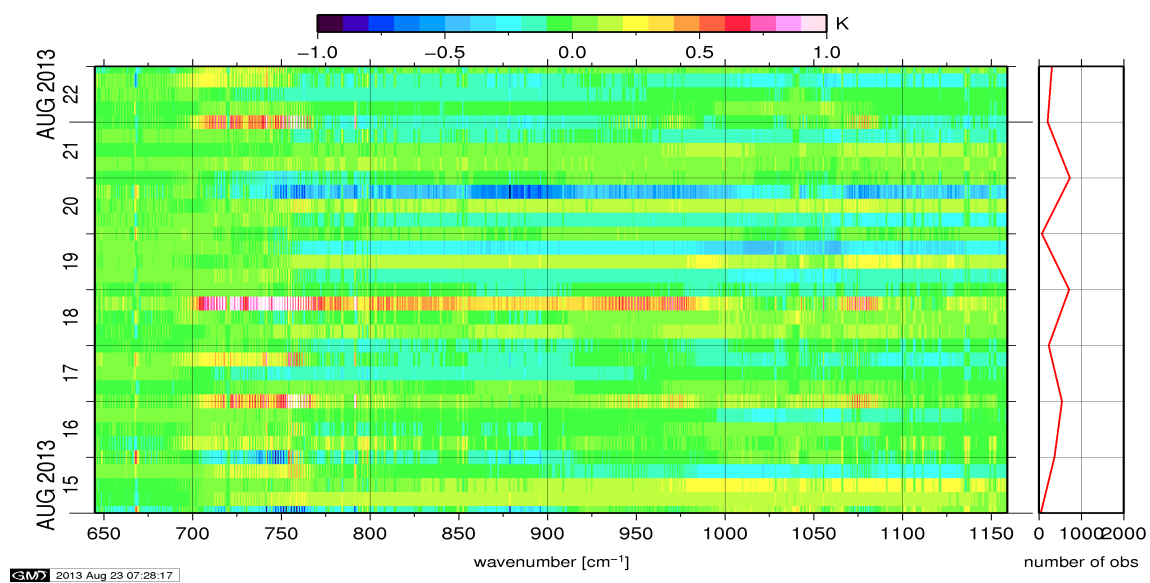


Figure 11: Radiance Anomaly in BRT: IASI Band 1

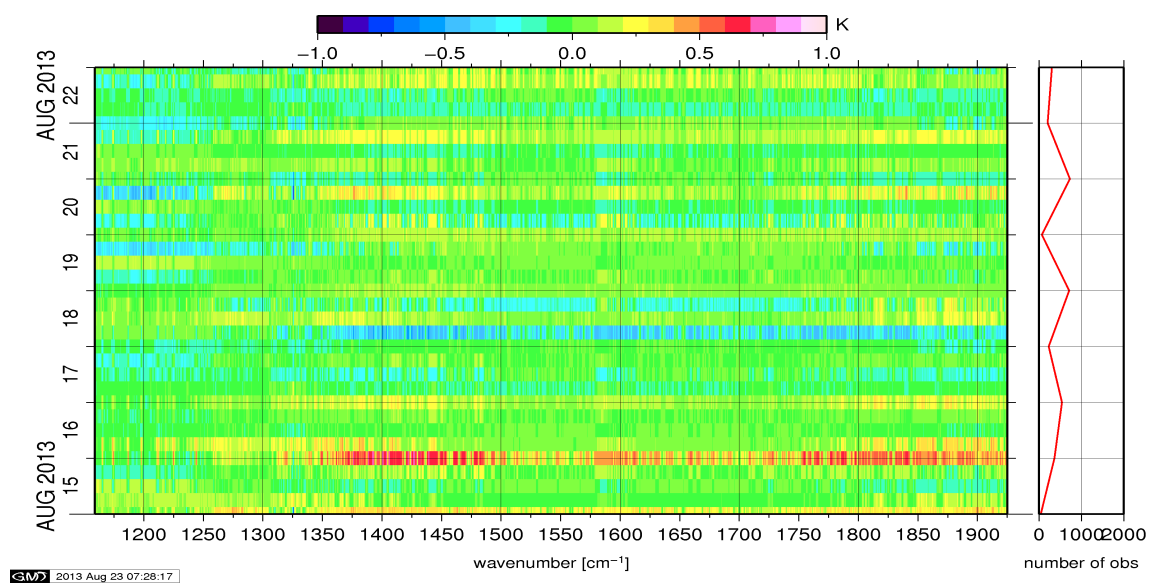


Figure 12: Radiance Anomaly in BRT: IASI Band 2

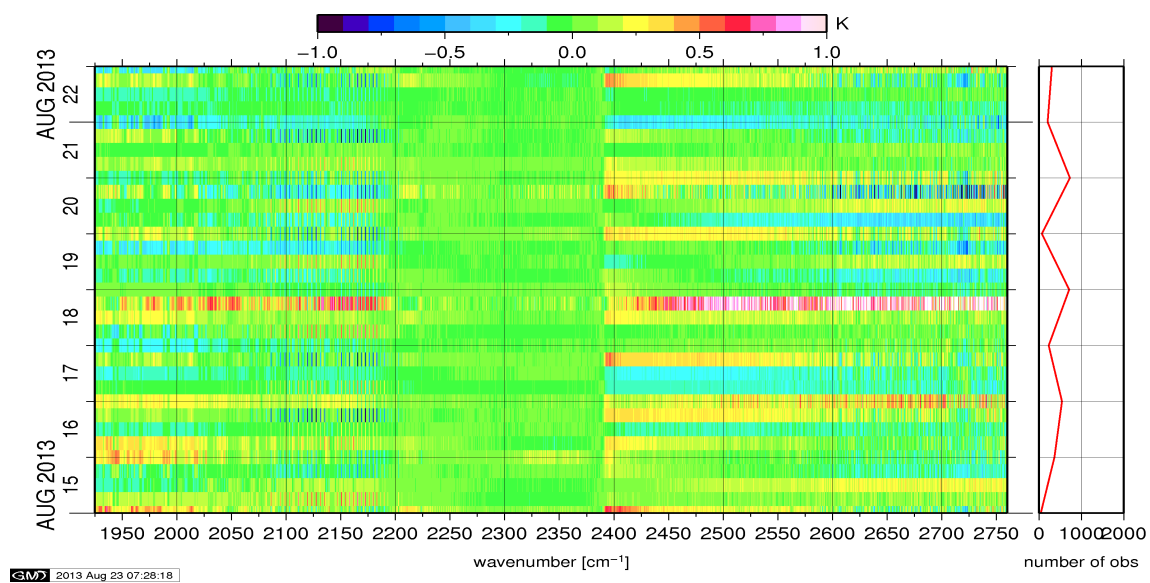


Figure 13: Radiance Anomaly in BRT: IASI Band 3

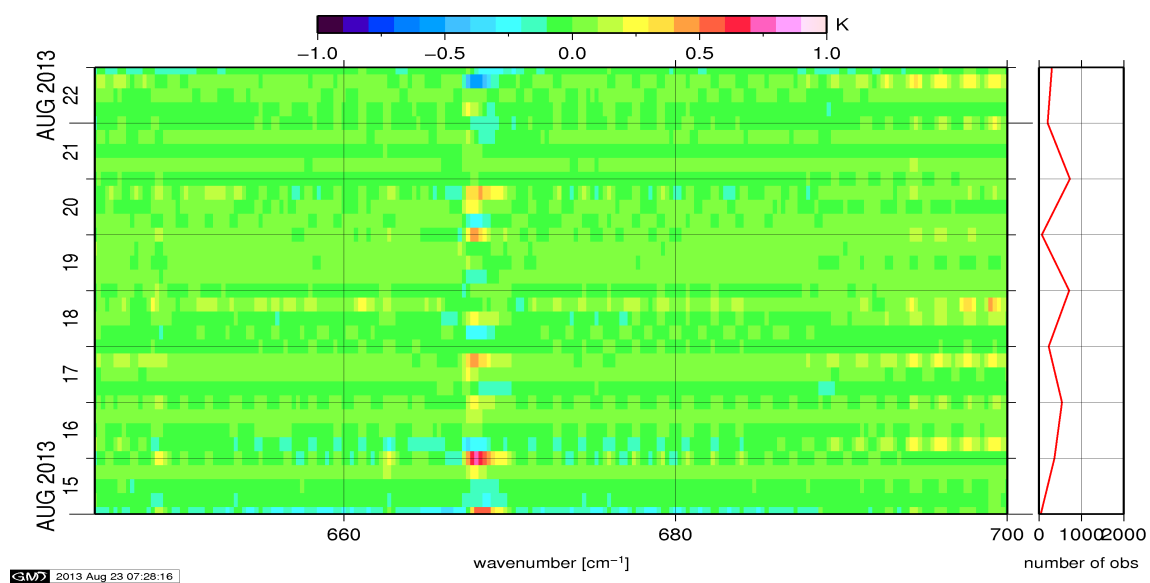


Figure 14: Radiance Anomaly in BRT: CO2 14

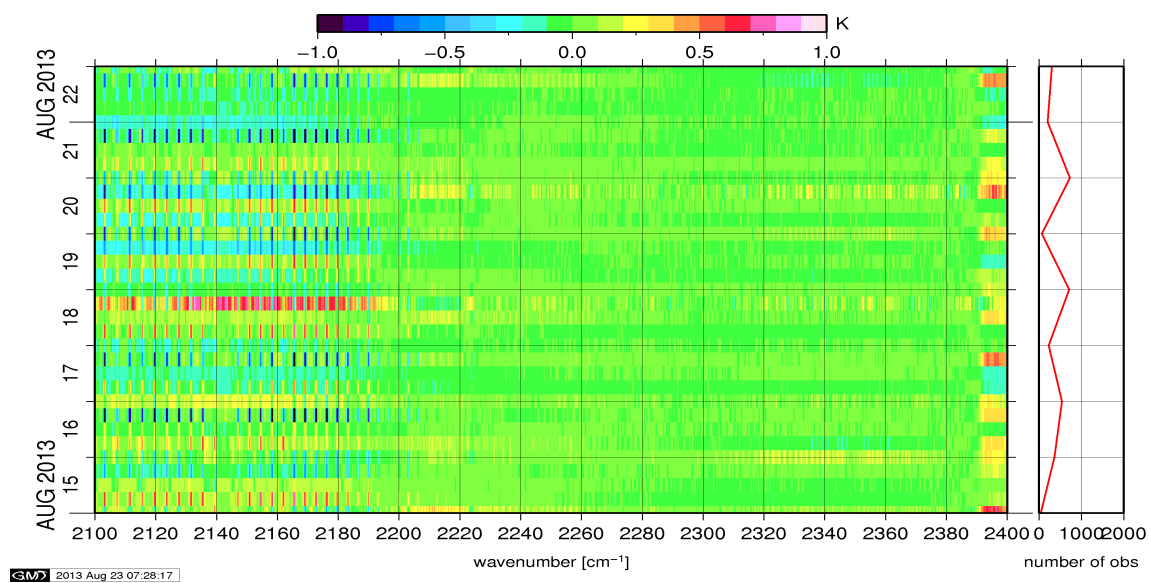


Figure 15: Radiance Anomaly in BRT: CO2 4.3

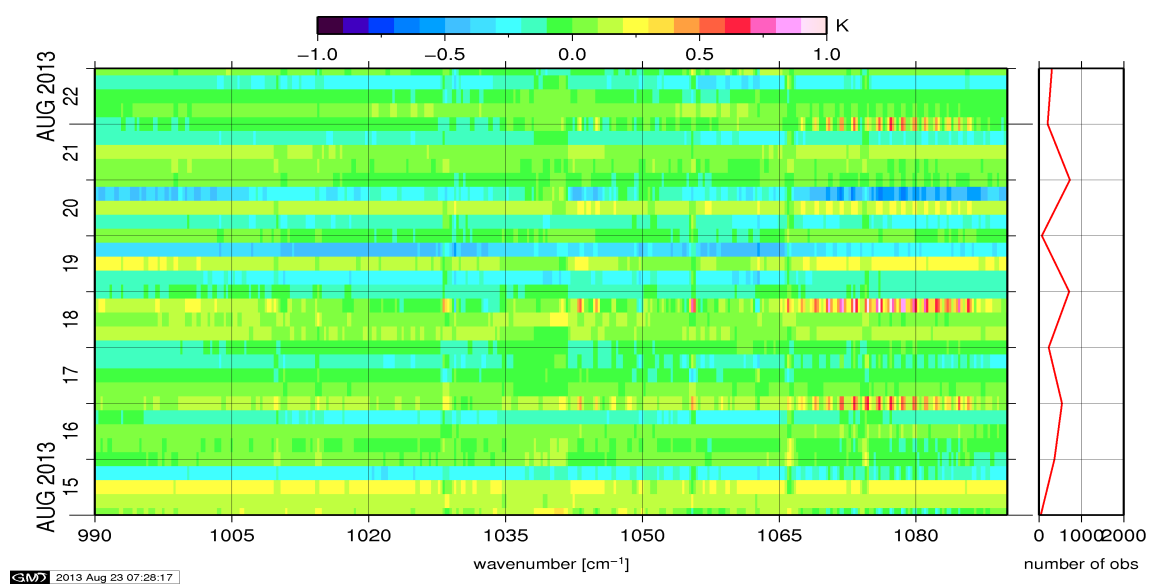


Figure 16: Radiance Anomaly in BRT: O3

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.

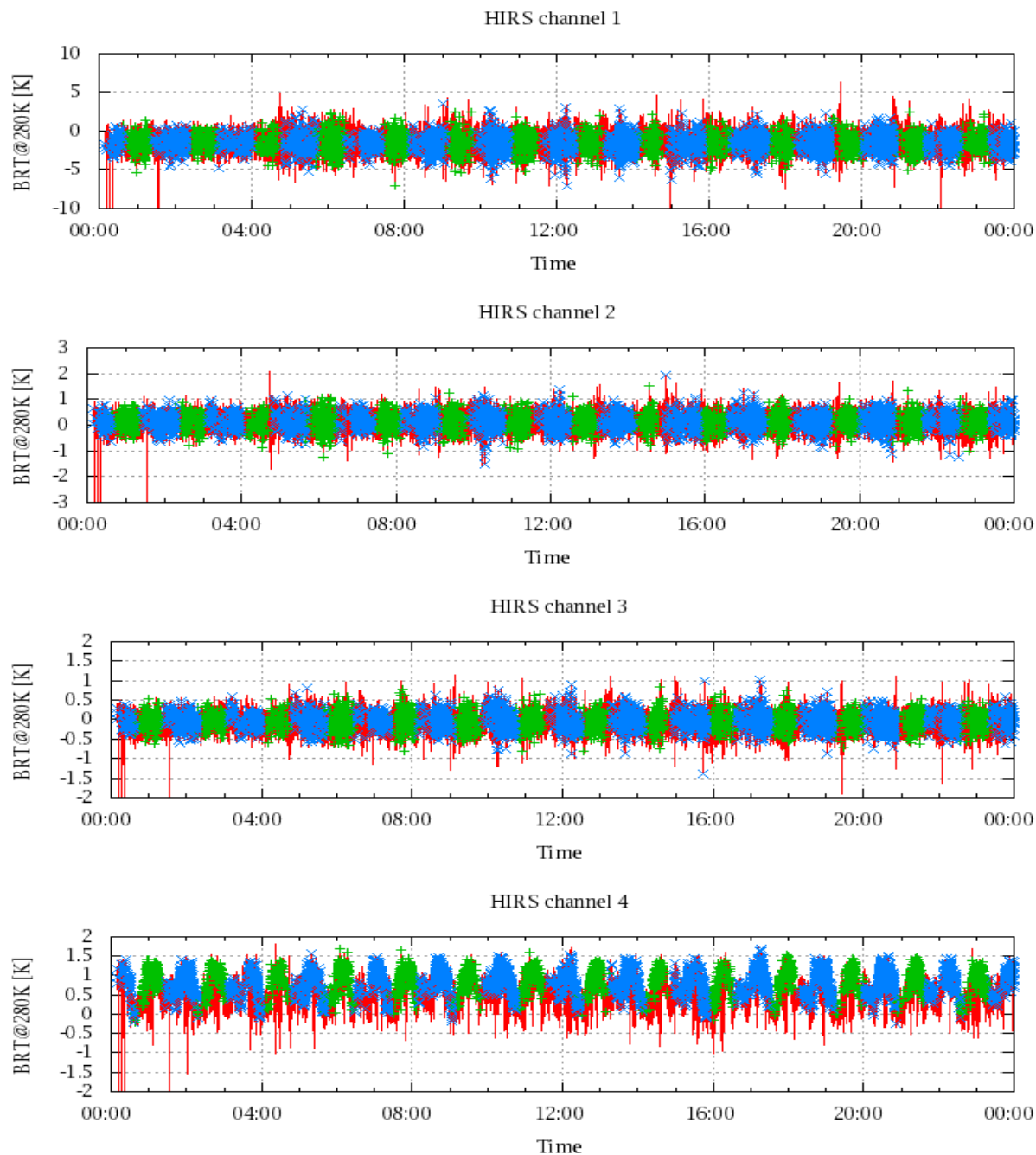


Figure 17: Radiance Differences in BRT

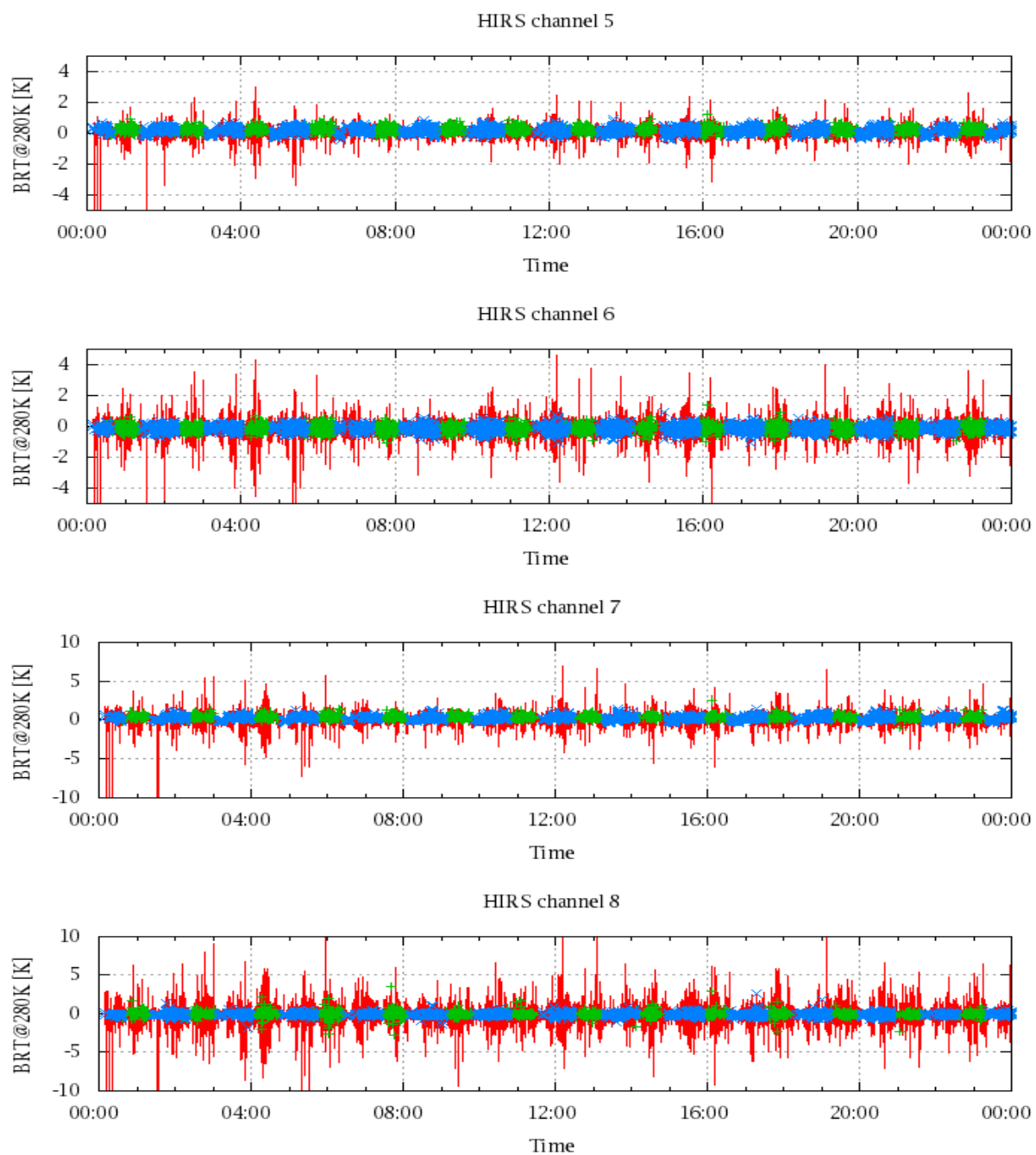


Figure 18: Radiance Differences in BRT

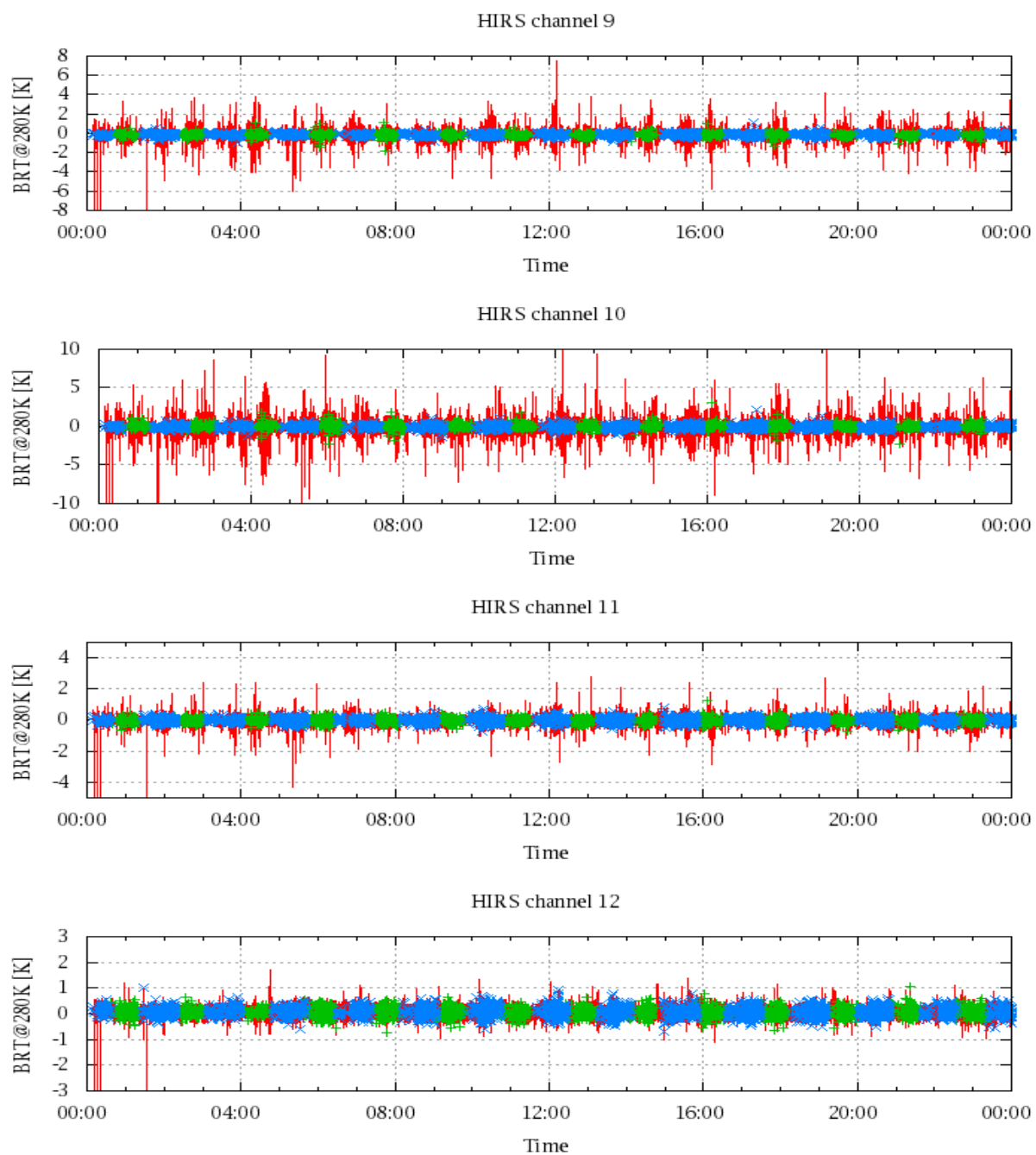


Figure 19: Radiance Differences in BRT

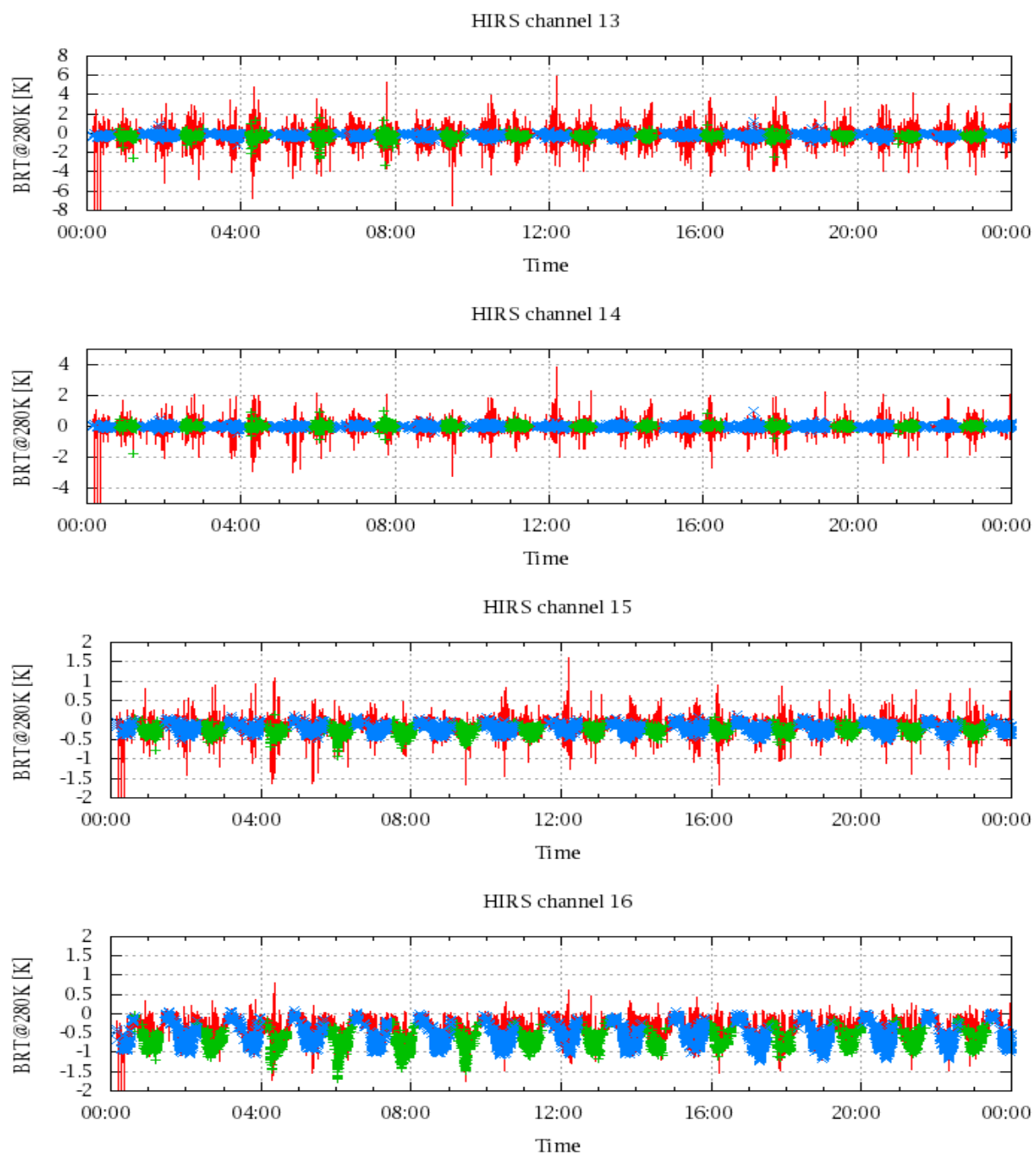


Figure 20: Radiance Differences in BRT

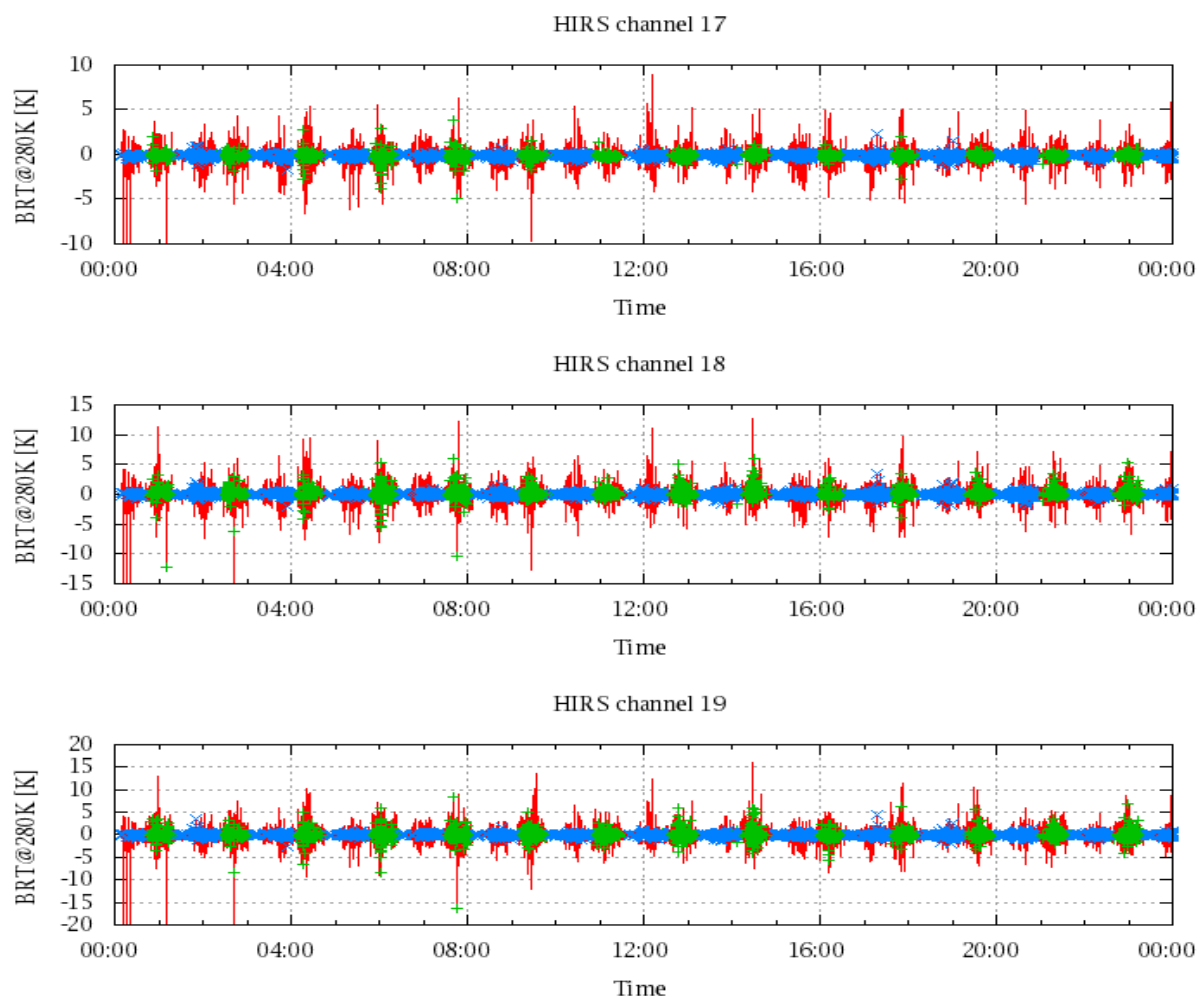


Figure 21: Radinace Differences in BRT