

IASI L0 and L1 Daily Monitoring Report

IASI monitoring team

03/09/2011 00:00:00 - 04/09/2011 00:00:00

1 Introduction

This report provides summary monitoring plots and figures from IASI instrument on the MetOp-A satellite retrieved from the IASI L0 and L1 ENG product (3 minute data packet) for 03/09/2011 00:00:00 - 04/09/2011 00:00:00 .

The monitoring data are extracted on PDU basis.

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

2 Data quantity 03/09/2011 00:00:00 - 04/09/2011 00:00:00

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

Table 1: Data quantity

APID	Seq from	Seq to	Time from	Time to
PX1 (130)	10914	10916	20110903143612.221	20110903143612.654
PX1 (130)	11229	11231	20110903143735.463	20110903143737.408
PX1 (130)	11385	11387	20110903143818.271	20110903143818.705
PX1 (130)	11544	11546	20110903143900.216	20110903143900.650
PX1 (130)	11698	11700	20110903143941.079	20110903143941.513
PX1 (130)	11852	11854	20110903144021.943	20110903144022.376
PX1 (130)	12011	12013	20110903144105.404	20110903144105.833
PX1 (130)	12013	12015	20110903144105.833	20110903144106.267
PX1 (130)	12161	12163	20110903144145.400	20110903144145.833
PX1 (130)	12169	12171	20110903144147.130	20110903144147.564
PX1 (130)	12328	12330	20110903144229.075	20110903144229.509
PX1 (130)	12636	12638	20110903144350.802	20110903144351.235
PX1 (130)	12639	12641	20110903144351.454	20110903144353.395
PX1 (130)	12795	12797	20110903144434.262	20110903144434.692
PX1 (130)	12945	12947	20110903144514.258	20110903144514.692
PX1 (130)	13108	13110	20110903144557.071	20110903144557.500
PX1 (130)	13112	13114	20110903144557.934	20110903144558.368
PX1 (130)	13421	13423	20110903144721.391	20110903144721.824

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Table 2 – continued from previous page

APID	Seq from	Seq to	Time from	Time to
PX1 (130)	13423	13425	20110903144721.824	20110903144722.254
PX1 (130)	13571	13573	20110903144801.391	20110903144801.824
PX1 (130)	13579	13581	20110903144803.121	20110903144803.555
PX1 (130)	13738	13740	20110903144845.066	20110903144845.496
PX1 (130)	13892	13894	20110903144925.930	20110903144926.359
PX1 (130)	14205	14207	20110903145050.250	20110903145050.683
PX1 (130)	14207	14209	20110903145050.683	20110903145051.113
PX1 (130)	14363	14365	20110903145132.015	20110903145132.449
PX1 (130)	14365	14367	20110903145132.449	20110903145132.882
PX1 (130)	14513	14515	20110903145212.015	20110903145212.449
PX1 (130)	14521	14523	20110903145213.746	20110903145214.175
PX1 (130)	14981	14983	20110903145417.417	20110903145417.851
PX1 (130)	14991	14993	20110903145419.581	20110903145420.011
PX1 (130)	15147	15149	20110903145500.874	20110903145501.308
PX1 (130)	15765	15767	20110903145746.276	20110903145746.710
PX1 (130)	15773	15775	20110903145748.007	20110903145748.436
PX1 (130)	15775	15777	20110903145748.436	20110903145748.870
PX1 (130)	15923	15925	20110903145828.006	20110903145828.436
PX1 (130)	15931	15933	20110903145829.733	20110903145830.167
PX1 (130)	173	175	20110903150116.865	20110903150117.295
PX1 (130)	175	177	20110903150117.295	20110903150117.729
PX1 (130)	323	325	20110903150156.865	20110903150157.295
PX1 (130)	331	333	20110903150158.592	20110903150159.025
PX1 (130)	637	639	20110903150321.400	20110903150321.834
PX1 (130)	791	793	20110903150402.267	20110903150402.697
PX1 (130)	957	959	20110903150445.724	20110903150446.154
PX1 (130)	959	961	20110903150446.154	20110903150446.588
PX1 (130)	1107	1109	20110903150525.724	20110903150526.154
PX1 (130)	1267	1269	20110903150609.396	20110903150609.830
PX1 (130)	1575	1577	20110903150731.126	20110903150731.556
PX1 (130)	1585	1587	20110903150733.286	20110903150733.720
PX1 (130)	1741	1743	20110903150814.583	20110903150815.013
PX1 (130)	1891	1893	20110903150854.583	20110903150855.013
PX1 (130)	2047	2049	20110903150937.392	20110903150937.825
PX1 (130)	2051	2053	20110903150938.255	20110903150938.688
PX1 (130)	2359	2361	20110903151059.985	20110903151100.415
PX1 (130)	2367	2369	20110903151101.716	20110903151102.145
PX1 (130)	2369	2371	20110903151102.145	20110903151102.579
PX1 (130)	2517	2519	20110903151141.712	20110903151142.145
PX1 (130)	2677	2679	20110903151225.387	20110903151225.817
PX1 (130)	2831	2833	20110903151306.250	20110903151306.684
PX1 (130)	2985	2987	20110903151347.114	20110903151347.547
PX1 (130)	3151	3153	20110903151430.574	20110903151431.004
PX1 (130)	3153	3155	20110903151431.004	20110903151431.438
PX1 (130)	3615	3617	20110903151635.148	20110903151635.578
PX1 (130)	3619	3621	20110903151636.012	20110903151636.445
PX1 (130)	3927	3929	20110903151757.738	20110903151758.172
PX1 (130)	4086	4088	20110903151841.195	20110903151841.628
PX1 (130)	4236	4238	20110903151921.195	20110903151921.628
PX1 (130)	4399	4401	20110903152004.007	20110903152004.437
PX1 (130)	4403	4405	20110903152004.870	20110903152005.304
PX1 (130)	4711	4713	20110903152126.597	20110903152127.030
PX1 (130)	4870	4872	20110903152210.054	20110903152210.487
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Table 2 – continued from previous page

APID	Seq from	Seq to	Time from	Time to
PX1 (130)	5029	5031	20110903152252.003	20110903152252.433
PX1 (130)	5183	5185	20110903152332.866	20110903152333.296
PX1 (130)	5337	5339	20110903152413.729	20110903152414.159
PX1 (130)	5496	5498	20110903152457.186	20110903152457.620
PX1 (130)	5498	5500	20110903152457.620	20110903152458.053
PX1 (130)	5646	5648	20110903152537.186	20110903152537.616
PX1 (130)	5654	5656	20110903152538.917	20110903152539.346
PX1 (130)	5813	5815	20110903152620.858	20110903152621.291
PX1 (130)	5967	5969	20110903152701.725	20110903152702.159
PX1 (130)	6121	6123	20110903152742.588	20110903152743.022
PX1 (130)	6280	6282	20110903152826.045	20110903152826.479
PX1 (130)	6430	6432	20110903152906.045	20110903152906.479
PX1 (130)	6593	6595	20110903152948.853	20110903152949.287
PX1 (130)	6597	6599	20110903152949.721	20110903152950.150
PX1 (130)	6908	6910	20110903153113.607	20110903153114.041
PX1 (130)	7064	7066	20110903153154.904	20110903153155.338
PX1 (130)	7377	7379	20110903153317.712	20110903153318.146
PX1 (130)	7381	7383	20110903153318.579	20110903153319.009
PX1 (130)	7690	7692	20110903153442.036	20110903153442.466
PX1 (130)	7692	7694	20110903153442.466	20110903153442.900
PX1 (130)	7840	7842	20110903153522.036	20110903153522.466
PX1 (130)	7848	7850	20110903153523.763	20110903153524.196
PX1 (130)	8007	8009	20110903153605.708	20110903153606.142
PX1 (130)	8161	8163	20110903153646.571	20110903153647.005
PX1 (130)	8474	8476	20110903153810.895	20110903153811.325
PX1 (130)	8476	8478	20110903153811.325	20110903153811.758
PX1 (130)	8624	8626	20110903153850.895	20110903153851.325
PX1 (130)	8632	8634	20110903153852.626	20110903153853.055
PX1 (130)	9250	9252	20110903154138.063	20110903154138.492
PX1 (130)	9260	9262	20110903154140.223	20110903154140.656
PX1 (130)	9408	9410	20110903154219.789	20110903154220.223
PX1 (130)	9416	9418	20110903154221.520	20110903154221.953
PX1 (130)	9726	9728	20110903154345.191	20110903154345.625
PX1 (130)	10034	10036	20110903154506.922	20110903154507.351
PX1 (130)	10042	10044	20110903154508.648	20110903154509.082
PX1 (130)	10044	10046	20110903154509.082	20110903154509.515
PX1 (130)	10192	10194	20110903154548.648	20110903154549.082
PX1 (130)	10200	10202	20110903154550.378	20110903154550.812
PX1 (130)	10506	10508	20110903154713.187	20110903154713.620
PX1 (130)	10660	10662	20110903154754.050	20110903154754.484
PX1 (130)	10826	10828	20110903154837.507	20110903154837.941
PX1 (130)	10828	10830	20110903154837.941	20110903154838.374
PX1 (130)	10976	10978	20110903154917.507	20110903154917.940
PX1 (130)	10984	10986	20110903154919.237	20110903154921.183
PX1 (130)	11136	11138	20110903155001.183	20110903155001.616
PX1 (130)	11444	11446	20110903155122.909	20110903155123.342
PX1 (130)	11454	11456	20110903155125.073	20110903155125.507
PX1 (130)	11610	11612	20110903155206.366	20110903155206.799
PX1 (130)	11760	11762	20110903155246.366	20110903155246.799
PX1 (130)	11916	11918	20110903155329.178	20110903155329.608
PX1 (130)	11920	11922	20110903155330.041	20110903155330.475
PX1 (130)	12228	12230	20110903155451.768	20110903155452.201
PX1 (130)	12236	12238	20110903155453.498	20110903155453.932
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Table 2 – continued from previous page

APID	Seq from	Seq to	Time from	Time to
PX1 (130)	12238	12240	20110903155453.932	20110903155454.365
PX1 (130)	12386	12388	20110903155533.498	20110903155533.932
PX1 (130)	12394	12396	20110903155535.229	20110903155537.174
PX1 (130)	12700	12702	20110903155658.037	20110903155658.467
PX1 (130)	12704	12706	20110903155658.900	20110903155659.334
PX1 (130)	13012	13014	20110903155820.627	20110903155821.060
PX1 (130)	13020	13022	20110903155822.357	20110903155822.791
PX1 (130)	13022	13024	20110903155822.791	20110903155823.224
PX1 (130)	13170	13172	20110903155902.357	20110903155902.791
PX1 (130)	13330	13332	20110903155946.029	20110903155946.462
PX1 (130)	13484	13486	20110903160026.896	20110903160027.329
PX1 (130)	13638	13640	20110903160107.759	20110903160108.189
PX1 (130)	13804	13806	20110903160151.216	20110903160153.161
PX1 (130)	13954	13956	20110903160231.216	20110903160233.161
PX1 (130)	14110	14112	20110903160314.024	20110903160314.458
PX1 (130)	14114	14116	20110903160314.892	20110903160315.321
PX1 (130)	14580	14582	20110903160518.383	20110903160518.817
PX1 (130)	14739	14741	20110903160601.840	20110903160602.274
PX1 (130)	14898	14900	20110903160643.786	20110903160644.219
PX1 (130)	15052	15054	20110903160724.649	20110903160725.082
PX1 (130)	15364	15367	20110903160847.242	20110903160849.406
PX1 (130)	15367	15369	20110903160849.406	20110903160849.836
PX1 (130)	15515	15517	20110903160927.457	20110903160929.402
PX1 (130)	15523	15525	20110903160930.699	20110903160931.133
PX1 (130)	15682	15684	20110903161012.644	20110903161013.078
PX1 (130)	15836	15838	20110903161053.508	20110903161053.941
PX1 (130)	15990	15992	20110903161134.371	20110903161134.804
PX1 (130)	16149	16151	20110903161217.832	20110903161218.265
PX1 (130)	16299	16301	20110903161257.828	20110903161258.261
PX1 (130)	16307	16309	20110903161259.558	20110903161259.992
PX1 (130)	78	80	20110903161340.640	20110903161341.070
PX1 (130)	82	84	20110903161341.503	20110903161341.937
PX1 (130)	390	392	20110903161503.230	20110903161505.179
PX1 (130)	393	395	20110903161505.394	20110903161505.827
PX2 (135)	10918	10920	20110903143613.088	20110903143613.518
PX2 (135)	11072	11074	20110903143653.951	20110903143654.381
PX2 (135)	11226	11228	20110903143734.814	20110903143735.248
PX2 (135)	11229	11231	20110903143735.463	20110903143737.408
PX2 (135)	11385	11387	20110903143818.271	20110903143818.705
PX2 (135)	11387	11389	20110903143818.705	20110903143819.134
PX2 (135)	11535	11537	20110903143858.271	20110903143858.705
PX2 (135)	11543	11545	20110903143900.001	20110903143900.431
PX2 (135)	11698	11700	20110903143941.079	20110903143941.513
PX2 (135)	11702	11704	20110903143941.947	20110903143942.376
PX2 (135)	12013	12015	20110903144105.833	20110903144106.267
PX2 (135)	12169	12171	20110903144147.130	20110903144147.564
PX2 (135)	12482	12484	20110903144309.938	20110903144310.372
PX2 (135)	12486	12488	20110903144310.806	20110903144311.235
PX2 (135)	12795	12797	20110903144434.262	20110903144434.692
PX2 (135)	12797	12799	20110903144434.692	20110903144435.126
PX2 (135)	12945	12947	20110903144514.258	20110903144514.692
PX2 (135)	12953	12955	20110903144515.989	20110903144516.422
PX2 (135)	13112	13114	20110903144557.934	20110903144558.368

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Table 2 – continued from previous page

APID	Seq from	Seq to	Time from	Time to
PX2 (135)	13266	13268	20110903144638.797	20110903144639.231
PX2 (135)	13579	13581	20110903144803.121	20110903144803.555
PX2 (135)	13581	13583	20110903144803.555	20110903144803.985
PX2 (135)	13729	13731	20110903144843.117	20110903144843.551
PX2 (135)	13737	13739	20110903144844.848	20110903144845.281
PX2 (135)	13896	13898	20110903144926.793	20110903144927.227
PX2 (135)	14207	14209	20110903145050.683	20110903145051.113
PX2 (135)	14355	14357	20110903145130.289	20110903145130.718
PX2 (135)	14365	14367	20110903145132.449	20110903145132.882
PX2 (135)	14521	14523	20110903145213.746	20110903145214.175
PX2 (135)	14671	14673	20110903145253.746	20110903145254.175
PX2 (135)	14831	14833	20110903145337.421	20110903145337.851
PX2 (135)	15139	15141	20110903145459.148	20110903145459.577
PX2 (135)	15147	15149	20110903145500.874	20110903145501.308
PX2 (135)	15149	15151	20110903145501.308	20110903145501.741
PX2 (135)	15297	15299	20110903145540.874	20110903145541.308
PX2 (135)	15305	15307	20110903145542.605	20110903145543.034
PX2 (135)	15611	15613	20110903145705.413	20110903145705.846
PX2 (135)	15931	15933	20110903145829.733	20110903145830.167
PX2 (135)	15933	15935	20110903145830.167	20110903145830.600
PX2 (135)	16081	16083	20110903145909.733	20110903145910.166
PX2 (135)	16241	16243	20110903145953.409	20110903145953.838
PX2 (135)	11	13	20110903150034.272	20110903150034.705
PX2 (135)	165	167	20110903150115.135	20110903150115.569
PX2 (135)	331	333	20110903150158.592	20110903150159.025
PX2 (135)	481	483	20110903150238.592	20110903150239.025
PX2 (135)	637	639	20110903150321.400	20110903150321.834
PX2 (135)	641	643	20110903150322.267	20110903150322.697
PX2 (135)	949	951	20110903150443.994	20110903150444.427
PX2 (135)	959	961	20110903150446.154	20110903150446.588
PX2 (135)	1421	1423	20110903150650.259	20110903150650.693
PX2 (135)	1425	1427	20110903150651.126	20110903150651.556
PX2 (135)	1733	1735	20110903150812.853	20110903150813.286
PX2 (135)	1741	1743	20110903150814.583	20110903150815.013
PX2 (135)	1743	1745	20110903150815.013	20110903150815.446
PX2 (135)	1891	1893	20110903150854.583	20110903150855.013
PX2 (135)	2051	2053	20110903150938.255	20110903150938.688
PX2 (135)	2205	2207	20110903151019.118	20110903151019.552
PX2 (135)	2359	2361	20110903151059.985	20110903151100.415
PX2 (135)	2676	2678	20110903151225.172	20110903151225.602
PX2 (135)	2831	2833	20110903151306.250	20110903151306.684
PX2 (135)	2835	2837	20110903151307.118	20110903151307.547
PX2 (135)	2989	2991	20110903151347.981	20110903151348.410
PX2 (135)	3143	3145	20110903151428.844	20110903151429.278
PX2 (135)	3153	3155	20110903151431.004	20110903151431.438
PX2 (135)	3301	3303	20110903151510.609	20110903151511.039
PX2 (135)	3460	3462	20110903151554.066	20110903151554.500
PX2 (135)	3610	3612	20110903151634.066	20110903151634.496
PX2 (135)	3773	3775	20110903151716.875	20110903151717.308
PX2 (135)	3777	3779	20110903151717.738	20110903151718.172
PX2 (135)	4086	4088	20110903151841.195	20110903151841.628
PX2 (135)	4088	4090	20110903151841.628	20110903151842.062
PX2 (135)	4236	4238	20110903151921.195	20110903151921.628
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Table 2 – continued from previous page

APID	Seq from	Seq to	Time from	Time to
PX2 (135)	4244	4246	20110903151922.925	20110903151923.359
PX2 (135)	4403	4405	20110903152004.870	20110903152005.304
PX2 (135)	4557	4559	20110903152045.734	20110903152046.167
PX2 (135)	4711	4713	20110903152126.597	20110903152127.030
PX2 (135)	4870	4872	20110903152210.054	20110903152210.487
PX2 (135)	4872	4874	20110903152210.487	20110903152210.921
PX2 (135)	5020	5022	20110903152250.058	20110903152250.487
PX2 (135)	5028	5030	20110903152251.784	20110903152252.218
PX2 (135)	5183	5185	20110903152332.866	20110903152333.296
PX2 (135)	5187	5189	20110903152333.729	20110903152334.163
PX2 (135)	5341	5343	20110903152414.593	20110903152415.026
PX2 (135)	5498	5500	20110903152457.620	20110903152458.053
PX2 (135)	5654	5656	20110903152538.917	20110903152539.346
PX2 (135)	5804	5806	20110903152618.916	20110903152619.346
PX2 (135)	5967	5969	20110903152701.725	20110903152702.159
PX2 (135)	5971	5973	20110903152702.588	20110903152703.022
PX2 (135)	6280	6282	20110903152826.045	20110903152826.479
PX2 (135)	6282	6284	20110903152826.479	20110903152826.912
PX2 (135)	6430	6432	20110903152906.045	20110903152906.479
PX2 (135)	6438	6440	20110903152907.775	20110903152908.205
PX2 (135)	6751	6753	20110903153030.584	20110903153031.017
PX2 (135)	7056	7058	20110903153153.177	20110903153153.607
PX2 (135)	7064	7066	20110903153154.904	20110903153155.338
PX2 (135)	7066	7068	20110903153155.338	20110903153155.771
PX2 (135)	7214	7216	20110903153234.904	20110903153235.337
PX2 (135)	7222	7224	20110903153236.634	20110903153237.068
PX2 (135)	7381	7383	20110903153318.579	20110903153319.009
PX2 (135)	7848	7850	20110903153523.763	20110903153524.196
PX2 (135)	7850	7852	20110903153524.196	20110903153524.630
PX2 (135)	7998	8000	20110903153603.763	20110903153604.196
PX2 (135)	8006	8008	20110903153605.493	20110903153605.923
PX2 (135)	8466	8468	20110903153809.165	20110903153809.598
PX2 (135)	8476	8478	20110903153811.325	20110903153811.758
PX2 (135)	8632	8634	20110903153852.626	20110903153853.055
PX2 (135)	8782	8784	20110903153932.637	20110903153933.071
PX2 (135)	8790	8792	20110903153934.372	20110903153934.809
PX2 (135)	9096	9098	20110903154057.199	20110903154057.629
PX2 (135)	9100	9102	20110903154058.063	20110903154058.496
PX2 (135)	9408	9410	20110903154219.789	20110903154220.223
PX2 (135)	9416	9418	20110903154221.520	20110903154221.953
PX2 (135)	9418	9420	20110903154221.953	20110903154222.383
PX2 (135)	9566	9568	20110903154301.519	20110903154301.949
PX2 (135)	9574	9576	20110903154303.246	20110903154305.195
PX2 (135)	9726	9728	20110903154345.191	20110903154345.625
PX2 (135)	9880	9882	20110903154426.058	20110903154426.488
PX2 (135)	10034	10036	20110903154506.922	20110903154507.351
PX2 (135)	10200	10202	20110903154550.378	20110903154550.812
PX2 (135)	10350	10352	20110903154630.378	20110903154630.808
PX2 (135)	10510	10512	20110903154714.050	20110903154714.484
PX2 (135)	10818	10820	20110903154835.780	20110903154836.210
PX2 (135)	10828	10830	20110903154837.941	20110903154838.374
PX2 (135)	10984	10986	20110903154919.237	20110903154921.183
PX2 (135)	11134	11136	20110903154959.237	20110903155001.183
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APID	Seq from	Seq to	Time from	Time to
PX2 (135)	11290	11292	20110903155042.046	20110903155042.479
PX2 (135)	11294	11296	20110903155042.909	20110903155043.343
PX2 (135)	11602	11604	20110903155204.639	20110903155205.069
PX2 (135)	11610	11612	20110903155206.366	20110903155206.799
PX2 (135)	11612	11614	20110903155206.799	20110903155207.233
PX2 (135)	11760	11762	20110903155246.366	20110903155246.799
PX2 (135)	11920	11922	20110903155330.041	20110903155330.475
PX2 (135)	12074	12076	20110903155410.905	20110903155411.338
PX2 (135)	12394	12396	20110903155535.229	20110903155537.174
PX2 (135)	12544	12547	20110903155615.228	20110903155617.389
PX2 (135)	12704	12706	20110903155658.900	20110903155659.334
PX2 (135)	12858	12860	20110903155739.763	20110903155740.197
PX2 (135)	13012	13014	20110903155820.627	20110903155821.060
PX2 (135)	13022	13024	20110903155822.791	20110903155823.224
PX2 (135)	13484	13486	20110903160026.896	20110903160027.329
PX2 (135)	13488	13490	20110903160027.759	20110903160028.193
PX2 (135)	13796	13798	20110903160149.489	20110903160149.919
PX2 (135)	13955	13957	20110903160231.431	20110903160233.376
PX2 (135)	14268	14270	20110903160355.755	20110903160356.188
PX2 (135)	14272	14274	20110903160356.618	20110903160357.052
PX2 (135)	14426	14428	20110903160437.520	20110903160437.950
PX2 (135)	14580	14582	20110903160518.383	20110903160518.817
PX2 (135)	14739	14741	20110903160601.840	20110903160602.274
PX2 (135)	14741	14743	20110903160602.274	20110903160602.708
PX2 (135)	14889	14891	20110903160641.840	20110903160642.274
PX2 (135)	14897	14899	20110903160643.571	20110903160644.004
PX2 (135)	15056	15058	20110903160725.516	20110903160725.950
PX2 (135)	15210	15212	20110903160806.379	20110903160806.813
PX2 (135)	15364	15366	20110903160847.242	20110903160849.188
PX2 (135)	15367	15369	20110903160849.406	20110903160849.836
PX2 (135)	15523	15525	20110903160930.699	20110903160931.133
PX2 (135)	15525	15527	20110903160931.133	20110903160931.566
PX2 (135)	15673	15675	20110903161010.699	20110903161011.133
PX2 (135)	15836	15838	20110903161053.508	20110903161053.941
PX2 (135)	15840	15842	20110903161054.375	20110903161054.808
PX2 (135)	16151	16153	20110903161218.265	20110903161218.695
PX2 (135)	16299	16301	20110903161257.828	20110903161258.261
PX2 (135)	16307	16309	20110903161259.558	20110903161259.992
PX2 (135)	73	75	20110903161339.558	20110903161339.992
PX2 (135)	236	238	20110903161422.370	20110903161422.800
PX2 (135)	240	242	20110903161423.234	20110903161425.179
PX3 (140)	10909	10911	20110903143611.139	20110903143611.572
PX3 (140)	10917	10919	20110903143612.869	20110903143613.303
PX3 (140)	11072	11074	20110903143653.951	20110903143654.381
PX3 (140)	11076	11078	20110903143654.814	20110903143655.248
PX3 (140)	11387	11389	20110903143818.705	20110903143819.134
PX3 (140)	11535	11537	20110903143858.271	20110903143858.705
PX3 (140)	11543	11545	20110903143900.001	20110903143900.431
PX3 (140)	11693	11695	20110903143939.997	20110903143940.431
PX3 (140)	11856	11858	20110903144022.810	20110903144023.240
PX3 (140)	12161	12163	20110903144145.400	20110903144145.833
PX3 (140)	12169	12171	20110903144147.130	20110903144147.564
PX3 (140)	12171	12173	20110903144147.564	20110903144147.993
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APID	Seq from	Seq to	Time from	Time to
PX3 (140)	12319	12321	20110903144227.130	20110903144227.563
PX3 (140)	12327	12329	20110903144228.860	20110903144229.294
PX3 (140)	12486	12488	20110903144310.806	20110903144311.235
PX3 (140)	12953	12955	20110903144515.989	20110903144516.422
PX3 (140)	12955	12957	20110903144516.422	20110903144516.852
PX3 (140)	13103	13105	20110903144555.989	20110903144556.422
PX3 (140)	13111	13113	20110903144557.719	20110903144558.153
PX3 (140)	13571	13573	20110903144801.391	20110903144801.824
PX3 (140)	13581	13583	20110903144803.555	20110903144803.985
PX3 (140)	13737	13739	20110903144844.848	20110903144845.281
PX3 (140)	13887	13889	20110903144924.848	20110903144925.281
PX3 (140)	14513	14515	20110903145212.015	20110903145212.449
PX3 (140)	14521	14523	20110903145213.746	20110903145214.175
PX3 (140)	14523	14525	20110903145214.175	20110903145214.609
PX3 (140)	14671	14673	20110903145253.746	20110903145254.175
PX3 (140)	14831	14833	20110903145337.421	20110903145337.851
PX3 (140)	14985	14987	20110903145418.280	20110903145418.714
PX3 (140)	15297	15299	20110903145540.874	20110903145541.308
PX3 (140)	15305	15307	20110903145542.605	20110903145543.034
PX3 (140)	15307	15309	20110903145543.034	20110903145543.468
PX3 (140)	15455	15457	20110903145622.604	20110903145623.034
PX3 (140)	15615	15617	20110903145706.276	20110903145706.710
PX3 (140)	15769	15771	20110903145747.139	20110903145747.573
PX3 (140)	15923	15925	20110903145828.006	20110903145828.436
PX3 (140)	15933	15935	20110903145830.167	20110903145830.600
PX3 (140)	11	13	20110903150034.272	20110903150034.705
PX3 (140)	15	17	20110903150035.135	20110903150035.569
PX3 (140)	323	325	20110903150156.865	20110903150157.295
PX3 (140)	333	335	20110903150159.025	20110903150159.459
PX3 (140)	795	797	20110903150403.131	20110903150403.564
PX3 (140)	799	801	20110903150403.994	20110903150404.428
PX3 (140)	1107	1109	20110903150525.724	20110903150526.154
PX3 (140)	1266	1268	20110903150609.181	20110903150609.615
PX3 (140)	1425	1427	20110903150651.126	20110903150651.556
PX3 (140)	1579	1581	20110903150731.989	20110903150732.423
PX3 (140)	1733	1735	20110903150812.853	20110903150813.286
PX3 (140)	2050	2052	20110903150938.040	20110903150938.474
PX3 (140)	2209	2211	20110903151019.985	20110903151020.419
PX3 (140)	2363	2365	20110903151100.848	20110903151101.282
PX3 (140)	2517	2519	20110903151141.712	20110903151142.145
PX3 (140)	2676	2678	20110903151225.172	20110903151225.602
PX3 (140)	2826	2828	20110903151305.168	20110903151305.602
PX3 (140)	2989	2991	20110903151347.981	20110903151348.410
PX3 (140)	2993	2995	20110903151348.844	20110903151349.278
PX3 (140)	3460	3462	20110903151554.066	20110903151554.500
PX3 (140)	3462	3464	20110903151554.500	20110903151554.934
PX3 (140)	3610	3612	20110903151634.066	20110903151634.496
PX3 (140)	3618	3620	20110903151635.793	20110903151636.226
PX3 (140)	3777	3779	20110903151717.738	20110903151718.172
PX3 (140)	3931	3933	20110903151758.605	20110903151759.035
PX3 (140)	4244	4246	20110903151922.925	20110903151923.359
PX3 (140)	4246	4248	20110903151923.359	20110903151923.792
PX3 (140)	4394	4396	20110903152002.925	20110903152003.355
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APID	Seq from	Seq to	Time from	Time to
PX3 (140)	4402	4404	20110903152004.656	20110903152005.085
PX3 (140)	4561	4563	20110903152046.597	20110903152047.031
PX3 (140)	4872	4874	20110903152210.487	20110903152210.921
PX3 (140)	5028	5030	20110903152251.784	20110903152252.218
PX3 (140)	5178	5180	20110903152331.784	20110903152332.214
PX3 (140)	5341	5343	20110903152414.593	20110903152415.026
PX3 (140)	5646	5648	20110903152537.186	20110903152537.616
PX3 (140)	5654	5656	20110903152538.917	20110903152539.346
PX3 (140)	5656	5658	20110903152539.346	20110903152539.780
PX3 (140)	5804	5806	20110903152618.916	20110903152619.346
PX3 (140)	5812	5814	20110903152620.643	20110903152621.077
PX3 (140)	6430	6432	20110903152906.045	20110903152906.479
PX3 (140)	6438	6440	20110903152907.775	20110903152908.205
PX3 (140)	6440	6442	20110903152908.205	20110903152908.639
PX3 (140)	6588	6590	20110903152947.775	20110903152948.205
PX3 (140)	6596	6598	20110903152949.502	20110903152949.935
PX3 (140)	7056	7058	20110903153153.177	20110903153153.607
PX3 (140)	7222	7224	20110903153236.634	20110903153237.068
PX3 (140)	7224	7226	20110903153237.068	20110903153237.498
PX3 (140)	7372	7374	20110903153316.634	20110903153317.064
PX3 (140)	7380	7382	20110903153318.361	20110903153318.794
PX3 (140)	7840	7842	20110903153522.036	20110903153522.466
PX3 (140)	7850	7852	20110903153524.196	20110903153524.630
PX3 (140)	7998	8000	20110903153603.763	20110903153604.196
PX3 (140)	8006	8008	20110903153605.493	20110903153605.923
PX3 (140)	8316	8318	20110903153729.165	20110903153729.598
PX3 (140)	8624	8626	20110903153850.895	20110903153851.325
PX3 (140)	8632	8634	20110903153852.626	20110903153853.055
PX3 (140)	8634	8636	20110903153853.055	20110903153853.489
PX3 (140)	8790	8792	20110903153934.372	20110903153934.809
PX3 (140)	8792	8794	20110903153934.809	20110903153935.243
PX3 (140)	8940	8942	20110903154014.387	20110903154014.821
PX3 (140)	9100	9102	20110903154058.063	20110903154058.496
PX3 (140)	9254	9256	20110903154138.926	20110903154139.360
PX3 (140)	9408	9410	20110903154219.789	20110903154220.223
PX3 (140)	9574	9576	20110903154303.246	20110903154305.195
PX3 (140)	9724	9727	20110903154343.246	20110903154345.410
PX3 (140)	9880	9882	20110903154426.058	20110903154426.488
PX3 (140)	9884	9886	20110903154426.922	20110903154427.355
PX3 (140)	10192	10194	20110903154548.648	20110903154549.082
PX3 (140)	10202	10204	20110903154550.812	20110903154551.246
PX3 (140)	10664	10666	20110903154754.917	20110903154755.347
PX3 (140)	10668	10670	20110903154755.780	20110903154756.214
PX3 (140)	10976	10978	20110903154917.507	20110903154917.940
PX3 (140)	10984	10986	20110903154919.237	20110903154921.183
PX3 (140)	11134	11137	20110903154959.237	20110903155001.397
PX3 (140)	11294	11296	20110903155042.909	20110903155043.343
PX3 (140)	11448	11450	20110903155123.776	20110903155124.206
PX3 (140)	11919	11921	20110903155329.827	20110903155330.256
PX3 (140)	12078	12080	20110903155411.768	20110903155412.201
PX3 (140)	12232	12234	20110903155452.635	20110903155453.069
PX3 (140)	12386	12388	20110903155533.498	20110903155533.932
PX3 (140)	12545	12547	20110903155615.443	20110903155617.389
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APID	Seq from	Seq to	Time from	Time to
PX3 (140)	12695	12697	20110903155655.443	20110903155657.385
PX3 (140)	12858	12860	20110903155739.763	20110903155740.197
PX3 (140)	12862	12864	20110903155740.627	20110903155741.060
PX3 (140)	13170	13172	20110903155902.357	20110903155902.791
PX3 (140)	13329	13331	20110903155945.814	20110903155946.248
PX3 (140)	13642	13644	20110903160108.622	20110903160109.056
PX3 (140)	13646	13648	20110903160109.489	20110903160109.919
PX3 (140)	13954	13957	20110903160231.216	20110903160233.376
PX3 (140)	13957	13959	20110903160233.376	20110903160233.810
PX3 (140)	14105	14107	20110903160311.431	20110903160313.376
PX3 (140)	14113	14115	20110903160314.673	20110903160315.106
PX3 (140)	14272	14274	20110903160356.618	20110903160357.052
PX3 (140)	14430	14432	20110903160438.384	20110903160438.817
PX3 (140)	14741	14743	20110903160602.274	20110903160602.708
PX3 (140)	14897	14899	20110903160643.571	20110903160644.004
PX3 (140)	15047	15049	20110903160723.571	20110903160724.000
PX3 (140)	15210	15212	20110903160806.379	20110903160806.813
PX3 (140)	15214	15216	20110903160807.242	20110903160809.192
PX3 (140)	15515	15517	20110903160927.457	20110903160929.402
PX3 (140)	15523	15525	20110903160930.699	20110903160931.133
PX3 (140)	15525	15527	20110903160931.133	20110903160931.566
PX3 (140)	15673	15675	20110903161010.699	20110903161011.133
PX3 (140)	15681	15683	20110903161012.430	20110903161012.863
PX3 (140)	15840	15842	20110903161054.375	20110903161054.808
PX3 (140)	15994	15996	20110903161135.238	20110903161137.183
PX3 (140)	16299	16301	20110903161257.828	20110903161258.261
PX3 (140)	16307	16309	20110903161259.558	20110903161259.992
PX3 (140)	16309	16311	20110903161259.992	20110903161300.425
PX3 (140)	73	75	20110903161339.558	20110903161339.992
PX3 (140)	81	83	20110903161341.288	20110903161341.722
PX3 (140)	240	242	20110903161423.234	20110903161425.179
PX4 (145)	10761	10763	20110903143531.572	20110903143532.006
PX4 (145)	10909	10911	20110903143611.139	20110903143611.572
PX4 (145)	10917	10919	20110903143612.869	20110903143613.303
PX4 (145)	11535	11537	20110903143858.271	20110903143858.705
PX4 (145)	11543	11545	20110903143900.001	20110903143900.431
PX4 (145)	11545	11547	20110903143900.431	20110903143900.865
PX4 (145)	11693	11695	20110903143939.997	20110903143940.431
PX4 (145)	11701	11703	20110903143941.728	20110903143942.162
PX4 (145)	12161	12163	20110903144145.400	20110903144145.833
PX4 (145)	12327	12329	20110903144228.860	20110903144229.294
PX4 (145)	12477	12479	20110903144308.856	20110903144309.290
PX4 (145)	12485	12487	20110903144310.587	20110903144311.020
PX4 (145)	12945	12947	20110903144514.258	20110903144514.692
PX4 (145)	12955	12957	20110903144516.422	20110903144516.852
PX4 (145)	13111	13113	20110903144557.719	20110903144558.153
PX4 (145)	13261	13263	20110903144637.715	20110903144638.149
PX4 (145)	13421	13423	20110903144721.391	20110903144721.824
PX4 (145)	13729	13731	20110903144843.117	20110903144843.551
PX4 (145)	13737	13739	20110903144844.848	20110903144845.281
PX4 (145)	13739	13741	20110903144845.281	20110903144845.715
PX4 (145)	13887	13889	20110903144924.848	20110903144925.281
PX4 (145)	13895	13897	20110903144926.578	20110903144927.012

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APID	Seq from	Seq to	Time from	Time to
PX4 (145)	14201	14203	20110903145049.386	20110903145049.816
PX4 (145)	14205	14207	20110903145050.250	20110903145050.683
PX4 (145)	14359	14361	20110903145131.152	20110903145131.586
PX4 (145)	14513	14515	20110903145212.015	20110903145212.449
PX4 (145)	14830	14832	20110903145337.202	20110903145337.632
PX4 (145)	14989	14991	20110903145419.148	20110903145419.581
PX4 (145)	15143	15145	20110903145500.011	20110903145500.444
PX4 (145)	15297	15299	20110903145540.874	20110903145541.308
PX4 (145)	15307	15309	20110903145543.034	20110903145543.468
PX4 (145)	15769	15771	20110903145747.139	20110903145747.573
PX4 (145)	15773	15775	20110903145748.007	20110903145748.436
PX4 (145)	16081	16083	20110903145909.733	20110903145910.166
PX4 (145)	16240	16242	20110903145953.194	20110903145953.623
PX4 (145)	169	171	20110903150115.998	20110903150116.432
PX4 (145)	481	483	20110903150238.592	20110903150239.025
PX4 (145)	640	642	20110903150322.053	20110903150322.482
PX4 (145)	799	801	20110903150403.994	20110903150404.428
PX4 (145)	953	955	20110903150444.857	20110903150445.291
PX4 (145)	1107	1109	20110903150525.724	20110903150526.154
PX4 (145)	1266	1268	20110903150609.181	20110903150609.615
PX4 (145)	1268	1270	20110903150609.615	20110903150610.044
PX4 (145)	1416	1418	20110903150649.181	20110903150649.615
PX4 (145)	1424	1426	20110903150650.911	20110903150651.341
PX4 (145)	1583	1585	20110903150732.857	20110903150733.286
PX4 (145)	1891	1893	20110903150854.583	20110903150855.013
PX4 (145)	2050	2052	20110903150938.040	20110903150938.474
PX4 (145)	2200	2202	20110903151018.040	20110903151018.473
PX4 (145)	2363	2365	20110903151100.848	20110903151101.282
PX4 (145)	2367	2369	20110903151101.716	20110903151102.145
PX4 (145)	2676	2678	20110903151225.172	20110903151225.602
PX4 (145)	2678	2680	20110903151225.602	20110903151226.036
PX4 (145)	2826	2828	20110903151305.168	20110903151305.602
PX4 (145)	2834	2836	20110903151306.899	20110903151307.332
PX4 (145)	2993	2995	20110903151348.844	20110903151349.278
PX4 (145)	3147	3149	20110903151429.707	20110903151430.141
PX4 (145)	3618	3620	20110903151635.793	20110903151636.226
PX4 (145)	3620	3622	20110903151636.226	20110903151636.660
PX4 (145)	3768	3770	20110903151715.793	20110903151716.226
PX4 (145)	3776	3778	20110903151717.523	20110903151717.957
PX4 (145)	3931	3933	20110903151758.605	20110903151759.035
PX4 (145)	4236	4238	20110903151921.195	20110903151921.628
PX4 (145)	4246	4248	20110903151923.359	20110903151923.792
PX4 (145)	4402	4404	20110903152004.656	20110903152005.085
PX4 (145)	4552	4554	20110903152044.656	20110903152045.085
PX4 (145)	5020	5022	20110903152250.058	20110903152250.487
PX4 (145)	5028	5030	20110903152251.784	20110903152252.218
PX4 (145)	5030	5032	20110903152252.218	20110903152252.651
PX4 (145)	5178	5180	20110903152331.784	20110903152332.214
PX4 (145)	5186	5188	20110903152333.515	20110903152333.944
PX4 (145)	5804	5806	20110903152618.916	20110903152619.346
PX4 (145)	5812	5814	20110903152620.643	20110903152621.077
PX4 (145)	5814	5816	20110903152621.077	20110903152621.510
PX4 (145)	5962	5964	20110903152700.643	20110903152701.076
Continued on next page				

Table 2 – continued from previous page

APID	Seq from	Seq to	Time from	Time to
PX4 (145)	5970	5972	20110903152702.373	20110903152702.803
PX4 (145)	6276	6278	20110903152825.182	20110903152825.615
PX4 (145)	6430	6432	20110903152906.045	20110903152906.479
PX4 (145)	6596	6598	20110903152949.502	20110903152949.935
PX4 (145)	6746	6748	20110903153029.502	20110903153029.935
PX4 (145)	6906	6908	20110903153113.177	20110903153113.607
PX4 (145)	7214	7216	20110903153234.904	20110903153235.337
PX4 (145)	7224	7226	20110903153237.068	20110903153237.498
PX4 (145)	7380	7382	20110903153318.361	20110903153318.794
PX4 (145)	7530	7532	20110903153358.361	20110903153358.794
PX4 (145)	7686	7688	20110903153441.169	20110903153441.603
PX4 (145)	7690	7692	20110903153442.036	20110903153442.466
PX4 (145)	7998	8000	20110903153603.763	20110903153604.196
PX4 (145)	8006	8008	20110903153605.493	20110903153605.923
PX4 (145)	8008	8010	20110903153605.923	20110903153606.356
PX4 (145)	8156	8158	20110903153645.493	20110903153645.923
PX4 (145)	8164	8166	20110903153647.224	20110903153649.165
PX4 (145)	8316	8318	20110903153729.165	20110903153729.598
PX4 (145)	8470	8472	20110903153810.028	20110903153810.462
PX4 (145)	8624	8626	20110903153850.895	20110903153851.325
PX4 (145)	8782	8784	20110903153932.637	20110903153933.071
PX4 (145)	8792	8794	20110903153934.809	20110903153935.243
PX4 (145)	9254	9256	20110903154138.926	20110903154139.360
PX4 (145)	9258	9260	20110903154139.789	20110903154140.223
PX4 (145)	9566	9568	20110903154301.519	20110903154301.949
PX4 (145)	9724	9727	20110903154343.246	20110903154345.410
PX4 (145)	9875	9877	20110903154423.461	20110903154425.410
PX4 (145)	10038	10040	20110903154507.785	20110903154508.218
PX4 (145)	10042	10044	20110903154508.648	20110903154509.082
PX4 (145)	10350	10352	20110903154630.378	20110903154630.808
PX4 (145)	10509	10511	20110903154713.835	20110903154714.269
PX4 (145)	10668	10670	20110903154755.780	20110903154756.214
PX4 (145)	10822	10824	20110903154836.644	20110903154837.077
PX4 (145)	11135	11137	20110903154959.452	20110903155001.397
PX4 (145)	11137	11139	20110903155001.397	20110903155001.831
PX4 (145)	11285	11287	20110903155039.452	20110903155041.397
PX4 (145)	11293	11295	20110903155042.694	20110903155043.128
PX4 (145)	11448	11450	20110903155123.776	20110903155124.206
PX4 (145)	11452	11454	20110903155124.639	20110903155125.073
PX4 (145)	11606	11608	20110903155205.503	20110903155205.936
PX4 (145)	11760	11762	20110903155246.366	20110903155246.799
PX4 (145)	11919	11921	20110903155329.827	20110903155330.256
PX4 (145)	12069	12071	20110903155409.826	20110903155410.256
PX4 (145)	12232	12234	20110903155452.635	20110903155453.069
PX4 (145)	12236	12238	20110903155453.498	20110903155453.932
PX4 (145)	12544	12546	20110903155615.228	20110903155617.170
PX4 (145)	12547	12549	20110903155617.389	20110903155617.822
PX4 (145)	12695	12697	20110903155655.443	20110903155657.385
PX4 (145)	12703	12705	20110903155658.685	20110903155659.115
PX4 (145)	12862	12864	20110903155740.627	20110903155741.060
PX4 (145)	13016	13018	20110903155821.494	20110903155821.927
PX4 (145)	13020	13022	20110903155822.357	20110903155822.791
PX4 (145)	13329	13331	20110903155945.814	20110903155946.248
Continued on next page				

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APID	Seq from	Seq to	Time from	Time to
PX4 (145)	13331	13333	20110903155946.248	20110903155946.681
PX4 (145)	13479	13481	20110903160025.814	20110903160026.247
PX4 (145)	13487	13489	20110903160027.544	20110903160027.974
PX4 (145)	13646	13648	20110903160109.489	20110903160109.919
PX4 (145)	13800	13802	20110903160150.353	20110903160150.786
PX4 (145)	13954	13956	20110903160231.216	20110903160233.161
PX4 (145)	14113	14115	20110903160314.673	20110903160315.106
PX4 (145)	14115	14117	20110903160315.106	20110903160315.540
PX4 (145)	14263	14265	20110903160354.673	20110903160355.106
PX4 (145)	14271	14273	20110903160356.403	20110903160356.833
PX4 (145)	14421	14423	20110903160436.438	20110903160436.872
PX4 (145)	14584	14586	20110903160519.247	20110903160521.192
PX4 (145)	14889	14891	20110903160641.840	20110903160642.274
PX4 (145)	14897	14899	20110903160643.571	20110903160644.004
PX4 (145)	14899	14901	20110903160644.004	20110903160644.434
PX4 (145)	15047	15049	20110903160723.571	20110903160724.000
PX4 (145)	15055	15057	20110903160725.297	20110903160725.731
PX4 (145)	15365	15367	20110903160847.457	20110903160849.406
PX4 (145)	15673	15675	20110903161010.699	20110903161011.133
PX4 (145)	15681	15683	20110903161012.430	20110903161012.863
PX4 (145)	15683	15685	20110903161012.863	20110903161013.293
PX4 (145)	15831	15833	20110903161052.429	20110903161052.859
PX4 (145)	15839	15841	20110903161054.156	20110903161054.590
PX4 (145)	16145	16147	20110903161215.453	20110903161217.402
PX4 (145)	16299	16301	20110903161257.828	20110903161258.261
PX4 (145)	81	83	20110903161341.288	20110903161341.722
PX4 (145)	83	85	20110903161341.722	20110903161342.152
PX4 (145)	231	233	20110903161421.288	20110903161421.718
PX4 (145)	239	241	20110903161423.015	20110903161423.448
PX4 (145)	391	393	20110903161503.448	20110903161505.394
IMG (150)	5393	5395	20110903143612.869	20110903143613.303
IMG (150)	5395	5397	20110903143613.303	20110903143613.732
IMG (150)	5563	5565	20110903143652.869	20110903143653.303
IMG (150)	5925	5927	20110903143818.271	20110903143818.705
IMG (150)	6095	6097	20110903143858.271	20110903143858.705
IMG (150)	6103	6105	20110903143900.001	20110903143900.431
IMG (150)	6273	6275	20110903143939.997	20110903143940.431
IMG (150)	6283	6285	20110903143942.162	20110903143942.591
IMG (150)	6451	6453	20110903144021.728	20110903144022.161
IMG (150)	6809	6811	20110903144146.267	20110903144146.696
IMG (150)	6983	6985	20110903144227.130	20110903144227.563
IMG (150)	6993	6995	20110903144229.294	20110903144229.724
IMG (150)	7161	7163	20110903144308.856	20110903144309.290
IMG (150)	7169	7171	20110903144310.587	20110903144311.020
IMG (150)	7171	7173	20110903144311.020	20110903144311.454
IMG (150)	7346	7348	20110903144352.532	20110903144353.180
IMG (150)	7519	7521	20110903144433.395	20110903144433.829
IMG (150)	7522	7524	20110903144434.044	20110903144434.477
IMG (150)	7697	7699	20110903144515.126	20110903144515.555
IMG (150)	7875	7877	20110903144556.852	20110903144557.286
IMG (150)	7879	7881	20110903144557.719	20110903144558.153
IMG (150)	7881	7883	20110903144558.153	20110903144558.582
IMG (150)	8049	8051	20110903144637.715	20110903144638.149
Continued on next page				

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APID	Seq from	Seq to	Time from	Time to
IMG (150)	8232	8234	20110903144721.176	20110903144721.610
IMG (150)	8402	8404	20110903144801.176	20110903144801.606
IMG (150)	8411	8413	20110903144803.121	20110903144803.555
IMG (150)	8589	8591	20110903144844.848	20110903144845.281
IMG (150)	8759	8761	20110903144924.848	20110903144925.281
IMG (150)	8767	8769	20110903144926.578	20110903144927.012
IMG (150)	8769	8771	20110903144927.012	20110903144927.441
IMG (150)	8937	8939	20110903145006.574	20110903145007.008
IMG (150)	9121	9123	20110903145050.250	20110903145050.683
IMG (150)	9290	9292	20110903145130.070	20110903145130.504
IMG (150)	9295	9297	20110903145131.152	20110903145131.586
IMG (150)	9299	9301	20110903145132.015	20110903145132.449
IMG (150)	9647	9649	20110903145253.746	20110903145254.175
IMG (150)	9651	9653	20110903145254.609	20110903145255.042
IMG (150)	9830	9832	20110903145337.202	20110903145337.632
IMG (150)	9832	9834	20110903145337.632	20110903145338.066
IMG (150)	10000	10002	20110903145417.202	20110903145417.632
IMG (150)	10010	10012	20110903145419.363	20110903145419.796
IMG (150)	10183	10185	20110903145500.011	20110903145500.444
IMG (150)	10186	10188	20110903145500.659	20110903145501.093
IMG (150)	10361	10363	20110903145541.737	20110903145542.171
IMG (150)	10718	10720	20110903145706.061	20110903145706.491
IMG (150)	10888	10890	20110903145746.061	20110903145746.495
IMG (150)	10896	10898	20110903145747.792	20110903145748.221
IMG (150)	11066	11068	20110903145827.788	20110903145828.221
IMG (150)	11245	11247	20110903145909.733	20110903145910.166
IMG (150)	11428	11430	20110903145953.194	20110903145953.623
IMG (150)	11598	11600	20110903150033.190	20110903150033.623
IMG (150)	11776	11778	20110903150114.920	20110903150115.354
IMG (150)	11785	11787	20110903150116.865	20110903150117.295
IMG (150)	11959	11961	20110903150157.729	20110903150158.162
IMG (150)	11963	11965	20110903150158.592	20110903150159.025
IMG (150)	12133	12135	20110903150238.592	20110903150239.025
IMG (150)	12316	12318	20110903150322.053	20110903150322.482
IMG (150)	12318	12320	20110903150322.482	20110903150322.916
IMG (150)	12486	12488	20110903150402.049	20110903150402.482
IMG (150)	12496	12498	20110903150404.213	20110903150404.642
IMG (150)	12669	12671	20110903150444.857	20110903150445.291
IMG (150)	13028	13030	20110903150609.615	20110903150610.044
IMG (150)	13196	13198	20110903150649.181	20110903150649.615
IMG (150)	13204	13206	20110903150650.911	20110903150651.341
IMG (150)	13374	13376	20110903150730.907	20110903150731.341
IMG (150)	13384	13386	20110903150733.072	20110903150733.501
IMG (150)	13557	13559	20110903150813.716	20110903150814.150
IMG (150)	13560	13562	20110903150814.368	20110903150814.798
IMG (150)	13738	13740	20110903150856.528	20110903150857.177
IMG (150)	13914	13916	20110903150938.040	20110903150938.474
IMG (150)	13916	13918	20110903150938.474	20110903150938.903
IMG (150)	14084	14086	20110903151018.040	20110903151018.473
IMG (150)	14092	14094	20110903151019.770	20110903151020.200
IMG (150)	14270	14273	20110903151101.497	20110903151102.145
IMG (150)	14440	14442	20110903151141.497	20110903151141.930
IMG (150)	14445	14447	20110903151142.575	20110903151143.008
Continued on next page				

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APID	Seq from	Seq to	Time from	Time to
IMG (150)	14624	14626	20110903151225.172	20110903151225.602
IMG (150)	14794	14796	20110903151305.168	20110903151305.602
IMG (150)	14802	14804	20110903151306.899	20110903151307.332
IMG (150)	14804	14806	20110903151307.332	20110903151307.762
IMG (150)	14972	14974	20110903151346.899	20110903151347.332
IMG (150)	15159	15161	20110903151430.574	20110903151431.004
IMG (150)	15333	15336	20110903151511.473	20110903151512.555
IMG (150)	15508	15510	20110903151553.203	20110903151553.633
IMG (150)	15682	15684	20110903151634.066	20110903151634.496
IMG (150)	15686	15688	20110903151634.930	20110903151635.363
IMG (150)	15692	15694	20110903151636.226	20110903151636.660
IMG (150)	15868	15870	20110903151717.523	20110903151717.957
IMG (150)	16221	16224	20110903151840.765	20110903151841.628
IMG (150)	194	196	20110903152004.656	20110903152005.085
IMG (150)	364	366	20110903152044.656	20110903152045.085
IMG (150)	372	374	20110903152046.382	20110903152046.816
IMG (150)	547	549	20110903152127.464	20110903152128.112
IMG (150)	726	728	20110903152210.054	20110903152210.487
IMG (150)	904	906	20110903152251.784	20110903152252.218
IMG (150)	1082	1084	20110903152333.515	20110903152333.944
IMG (150)	1252	1254	20110903152413.514	20110903152413.944
IMG (150)	1436	1438	20110903152457.186	20110903152457.620
IMG (150)	1610	1612	20110903152538.049	20110903152538.483
IMG (150)	1784	1786	20110903152618.916	20110903152619.346
IMG (150)	1970	1972	20110903152702.373	20110903152702.803
IMG (150)	1972	1974	20110903152702.803	20110903152703.237
IMG (150)	2140	2142	20110903152742.373	20110903152742.803
IMG (150)	2320	2322	20110903152825.182	20110903152825.615
IMG (150)	2323	2325	20110903152825.830	20110903152826.264
IMG (150)	2672	2674	20110903152947.775	20110903152948.205
IMG (150)	2676	2678	20110903152948.639	20110903152949.072
IMG (150)	2682	2684	20110903152949.935	20110903152950.369
IMG (150)	2858	2860	20110903153031.232	20110903153031.881
IMG (150)	3033	3035	20110903153112.744	20110903153113.392
IMG (150)	3208	3210	20110903153154.041	20110903153154.474
IMG (150)	3390	3392	20110903153236.634	20110903153237.068
IMG (150)	3568	3570	20110903153318.361	20110903153318.794
IMG (150)	3738	3740	20110903153358.361	20110903153358.794
IMG (150)	3921	3924	20110903153441.821	20110903153442.466
IMG (150)	4091	4093	20110903153521.817	20110903153522.251
IMG (150)	4270	4272	20110903153603.763	20110903153604.196
IMG (150)	4278	4280	20110903153605.493	20110903153605.923
IMG (150)	4448	4450	20110903153645.493	20110903153645.923
IMG (150)	4626	4628	20110903153727.220	20110903153727.868
IMG (150)	4631	4633	20110903153728.735	20110903153729.384
IMG (150)	4810	4812	20110903153810.895	20110903153811.325
IMG (150)	5340	5342	20110903154015.254	20110903154015.903
IMG (150)	5519	5521	20110903154057.844	20110903154058.278
IMG (150)	5689	5691	20110903154137.844	20110903154138.277
IMG (150)	5867	5869	20110903154219.574	20110903154220.004
IMG (150)	6229	6231	20110903154344.762	20110903154345.410
IMG (150)	6399	6401	20110903154424.761	20110903154425.410
IMG (150)	6407	6409	20110903154426.703	20110903154427.136
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Table 2 – continued from previous page

APID	Seq from	Seq to	Time from	Time to
IMG (150)	6577	6579	20110903154506.703	20110903154507.136
IMG (150)	6586	6588	20110903154508.648	20110903154509.082
IMG (150)	6934	6936	20110903154630.378	20110903154630.808
IMG (150)	7117	7119	20110903154713.835	20110903154714.269
IMG (150)	7119	7121	20110903154714.269	20110903154714.702
IMG (150)	7287	7289	20110903154753.835	20110903154754.265
IMG (150)	7648	7650	20110903154918.374	20110903154918.804
IMG (150)	7822	7824	20110903154959.237	20110903154959.886
IMG (150)	7829	7831	20110903155001.397	20110903155001.831
IMG (150)	8005	8007	20110903155042.694	20110903155043.128
IMG (150)	8185	8187	20110903155124.854	20110903155125.288
IMG (150)	8358	8360	20110903155205.503	20110903155205.936
IMG (150)	8361	8363	20110903155206.151	20110903155206.585
IMG (150)	8715	8717	20110903155329.827	20110903155330.256
IMG (150)	8717	8719	20110903155330.256	20110903155330.690
IMG (150)	8885	8887	20110903155409.826	20110903155410.256
IMG (150)	8893	8895	20110903155411.553	20110903155411.987
IMG (150)	9071	9073	20110903155453.283	20110903155453.713
IMG (150)	9241	9243	20110903155533.283	20110903155533.713
IMG (150)	9246	9248	20110903155534.361	20110903155534.795
IMG (150)	9250	9252	20110903155535.229	20110903155535.877
IMG (150)	9603	9605	20110903155658.685	20110903155659.115
IMG (150)	9773	9775	20110903155738.685	20110903155739.115
IMG (150)	9960	9962	20110903155822.357	20110903155822.791
IMG (150)	10315	10317	20110903155946.248	20110903155946.681
IMG (150)	10661	10663	20110903160107.544	20110903160107.974
IMG (150)	10669	10671	20110903160109.271	20110903160109.704
IMG (150)	10844	10846	20110903160150.353	20110903160150.786
IMG (150)	10848	10850	20110903160151.216	20110903160151.864
IMG (150)	11197	11199	20110903160313.809	20110903160314.243
IMG (150)	11203	11205	20110903160315.106	20110903160315.540
IMG (150)	11379	11381	20110903160356.403	20110903160356.833
IMG (150)	11549	11551	20110903160436.438	20110903160436.872
IMG (150)	11727	11729	20110903160518.165	20110903160518.598
IMG (150)	11907	11909	20110903160600.762	20110903160601.411
IMG (150)	11911	11913	20110903160601.840	20110903160602.274
IMG (150)	12081	12083	20110903160641.840	20110903160642.274
IMG (150)	12089	12091	20110903160643.571	20110903160644.004
IMG (150)	12259	12261	20110903160723.571	20110903160724.000
IMG (150)	12267	12269	20110903160725.297	20110903160725.731
IMG (150)	12437	12439	20110903160805.297	20110903160805.731
IMG (150)	12621	12623	20110903160848.754	20110903160849.406
IMG (150)	12795	12797	20110903160929.836	20110903160930.270
IMG (150)	12799	12801	20110903160930.699	20110903160931.133
IMG (150)	12969	12971	20110903161010.699	20110903161011.133
IMG (150)	12977	12979	20110903161012.430	20110903161012.863
IMG (150)	12979	12981	20110903161012.863	20110903161013.293
IMG (150)	13325	13327	20110903161134.156	20110903161134.590
IMG (150)	13505	13507	20110903161216.750	20110903161217.402
IMG (150)	13857	13859	20110903161339.558	20110903161339.992
IMG (150)	13861	13863	20110903161340.425	20110903161340.855
IMG (150)	13867	13869	20110903161341.722	20110903161342.152
IMG (150)	14035	14037	20110903161421.288	20110903161421.718
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Table 2 – continued from previous page

APID	Seq from	Seq to	Time from	Time to
IMG (150)	14043	14045	20110903161423.015	20110903161423.448
IMG (150)	14213	14215	20110903161503.015	20110903161503.448
IMG (150)	14220	14222	20110903161505.179	20110903161505.612
VER (160)	1379	1381	20110903143735.463	20110903143735.463
VER (160)	1404	1406	20110903143815.463	20110903143815.463
VER (160)	1481	1484	20110903144015.458	20110903144023.458
VER (160)	1509	1511	20110903144103.454	20110903144103.454
VER (160)	1614	1616	20110903144351.454	20110903144351.454
VER (160)	1639	1641	20110903144431.450	20110903144431.450
VER (160)	1716	1718	20110903144631.446	20110903144639.446
VER (160)	1744	1746	20110903144719.446	20110903144719.446
VER (160)	1849	1851	20110903145007.441	20110903145007.441
VER (160)	1874	1876	20110903145047.441	20110903145047.441
VER (160)	1951	1954	20110903145247.472	20110903145255.472
VER (160)	1976	1978	20110903145327.472	20110903145335.472
VER (160)	1979	1981	20110903145335.472	20110903145335.472
VER (160)	2084	2086	20110903145623.468	20110903145623.468
VER (160)	2186	2189	20110903145903.463	20110903145911.463
VER (160)	2211	2213	20110903145943.463	20110903145951.463
VER (160)	2214	2216	20110903145951.463	20110903145951.463
VER (160)	2316	2318	20110903150231.459	20110903150239.455
VER (160)	2318	2321	20110903150239.455	20110903150239.455
VER (160)	2421	2424	20110903150519.451	20110903150527.455
VER (160)	2446	2448	20110903150559.451	20110903150607.451
VER (160)	2448	2451	20110903150607.451	20110903150607.451
VER (160)	2656	2659	20110903151135.442	20110903151143.442
VER (160)	2681	2683	20110903151215.442	20110903151223.442
VER (160)	2786	2788	20110903151503.465	20110903151511.473
VER (160)	2891	2894	20110903151751.468	20110903151759.468
VER (160)	2916	2918	20110903151831.468	20110903151839.468
VER (160)	3021	3023	20110903152119.464	20110903152127.464
VER (160)	3025	3027	20110903152127.464	20110903152135.464
VER (160)	3126	3128	20110903152407.460	20110903152415.456
VER (160)	3151	3153	20110903152447.456	20110903152455.456
VER (160)	3256	3258	20110903152735.451	20110903152743.451
VER (160)	3258	3262	20110903152743.451	20110903152751.451
VER (160)	3361	3363	20110903153023.447	20110903153031.447
VER (160)	3386	3388	20110903153103.447	20110903153111.447
VER (160)	3491	3493	20110903153351.443	20110903153359.443
VER (160)	3493	3495	20110903153359.443	20110903153359.443
VER (160)	3596	3598	20110903153639.438	20110903153647.438
VER (160)	3621	3623	20110903153719.434	20110903153727.438
VER (160)	3726	3728	20110903154007.469	20110903154015.469
VER (160)	3728	3731	20110903154015.469	20110903154015.469
VER (160)	3753	3755	20110903154055.469	20110903154055.469
VER (160)	3963	3966	20110903154631.460	20110903154631.460
VER (160)	3988	3990	20110903154711.456	20110903154711.456
VER (160)	4198	4201	20110903155247.448	20110903155247.448
VER (160)	4223	4225	20110903155327.448	20110903155327.448
VER (160)	4433	4436	20110903155903.439	20110903155903.439
VER (160)	4458	4460	20110903155943.435	20110903155943.435
VER (160)	4563	4565	20110903160231.431	20110903160231.431
VER (160)	4667	4671	20110903160519.465	20110903160519.465
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Table 2 – continued from previous page

APID	Seq from	Seq to	Time from	Time to
VER (160)	4692	4695	20110903160559.465	20110903160559.465
VER (160)	4798	4800	20110903160847.457	20110903160847.457
VER (160)	4902	4905	20110903161135.453	20110903161135.453
VER (160)	4928	4930	20110903161215.453	20110903161215.453
VER (160)	5033	5035	20110903161503.448	20110903161503.448
AUX (180)	7149	7151	20110903152119.894	20110903152135.894

Table 2: L0 data gaps

3 Instrument modes

Time	Transition from	Transition to
03/09/2011 00:00:03	-	Normal operation

Table 3: Instrument modes

4 L0 and L1 Data Quality

Flag	Value	Action
L0 IASI PDUs	481	-
L1 ENG PDUs	480	-
L1 ENG distinct GEPSGranule	481	-
GQisFlagQual set (PX1)	99.28 %	-
GQisFlagQual set (PX2)	99.11 %	-
GQisFlagQual set (PX3)	99.22 %	-
GQisFlagQual set (PX4)	99.32 %	-
GQisFlagQual set (all)	99.23 %	-

Table 4: Quality flags

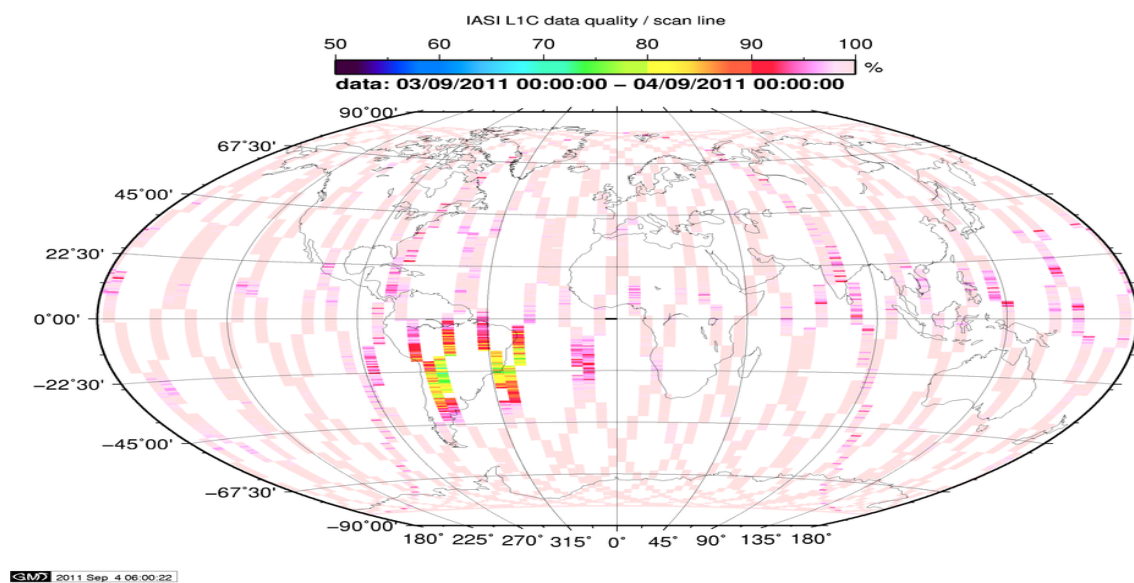


Figure 1: L1C data quality

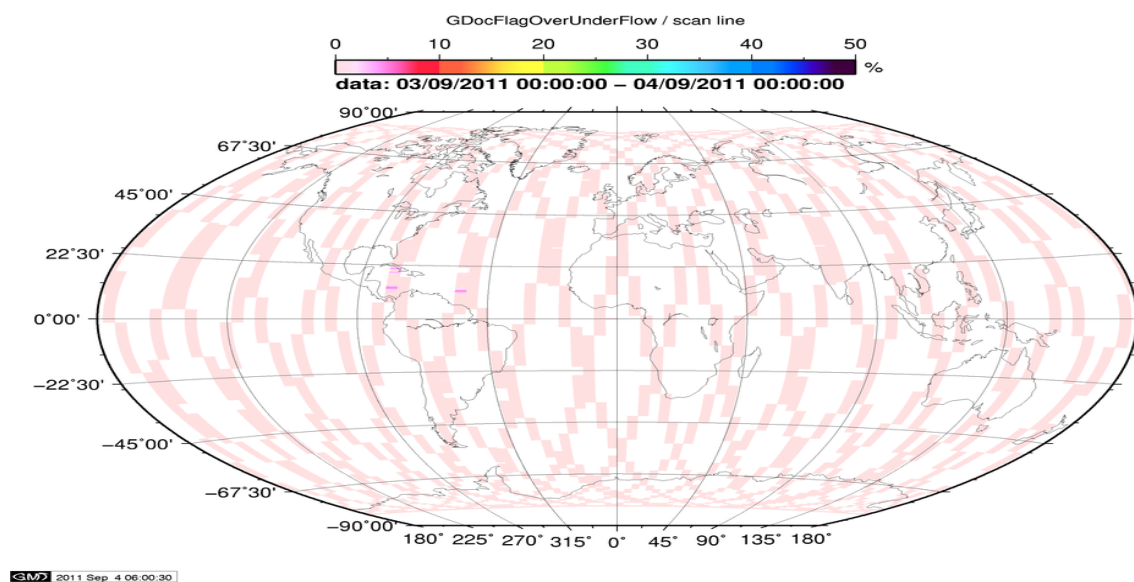


Figure 2: Flag of Over and Under Flows

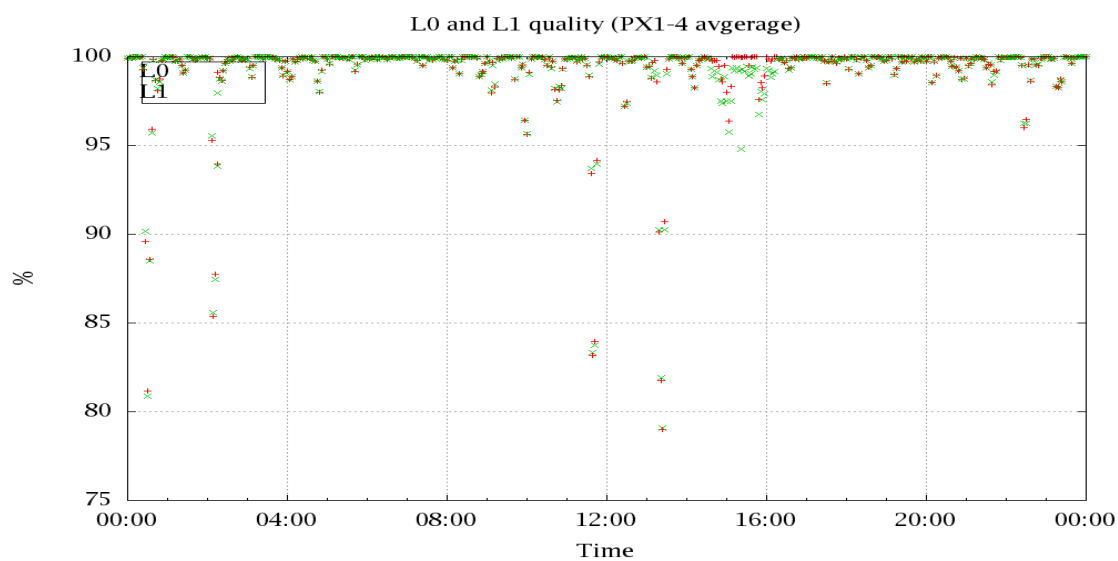


Figure 3: Level 0 and 1C overall quality

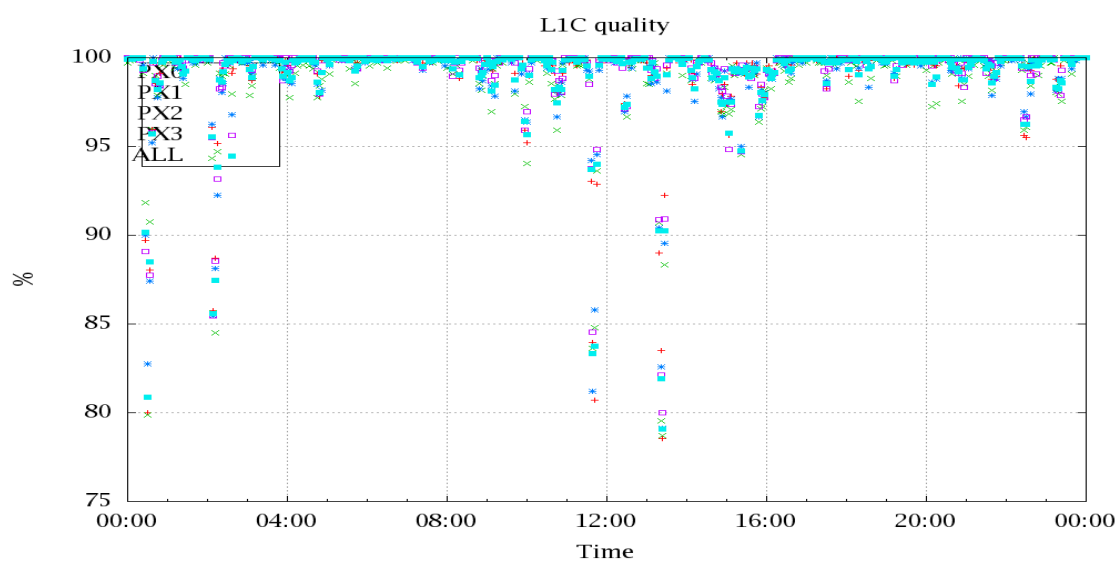


Figure 4: Level 1C quality

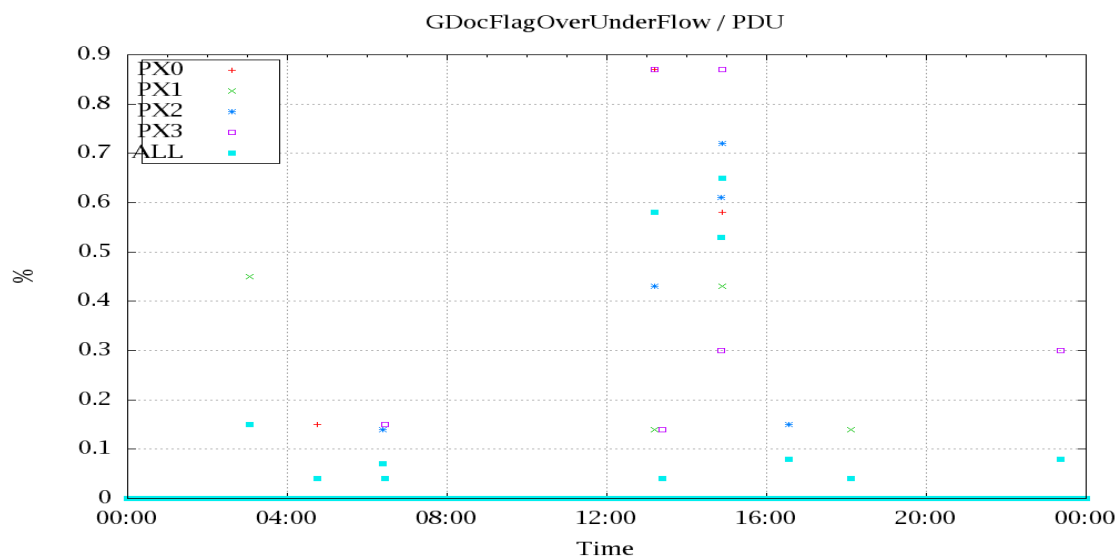


Figure 5: OverUnderFlowFlag timeseries

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.

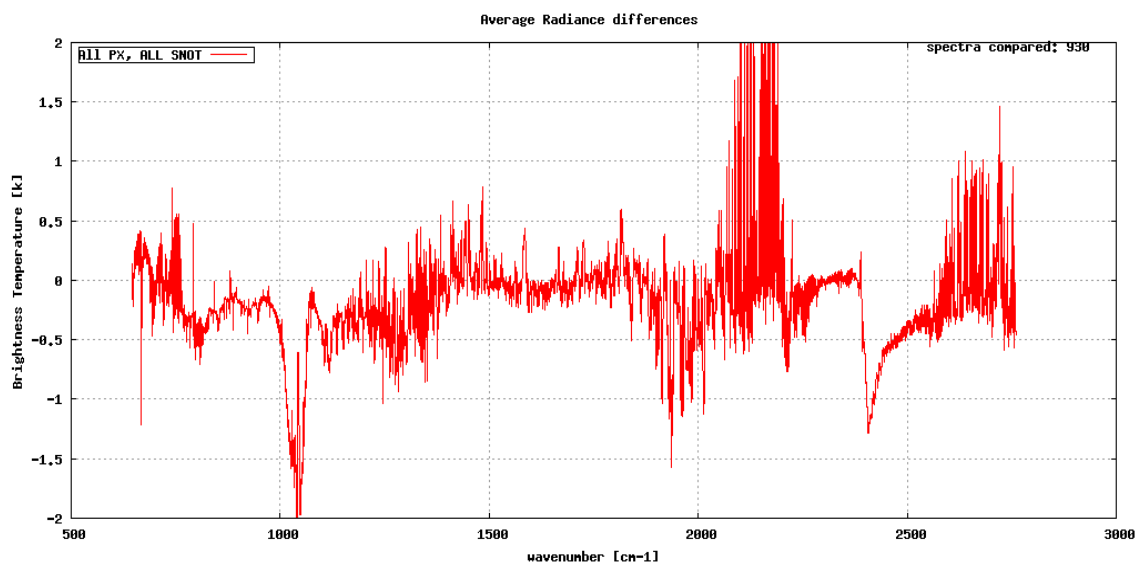


Figure 6: Average Radiance differences: OBS-CAL

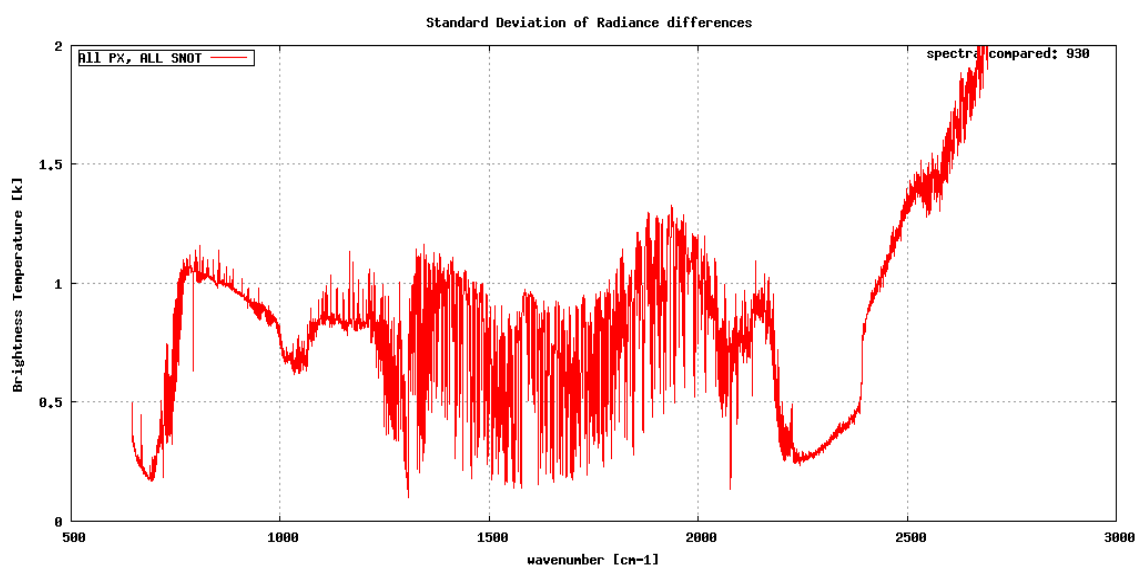


Figure 7: Standard Deviation of Radiance differences

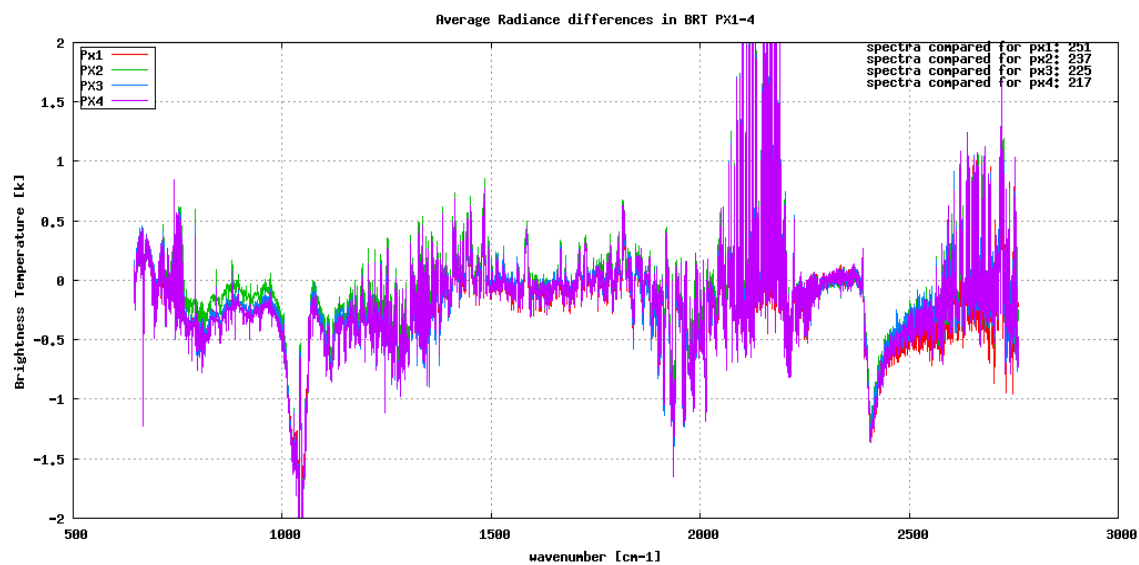


Figure 8: Average Radiance differences: OBS-CAL

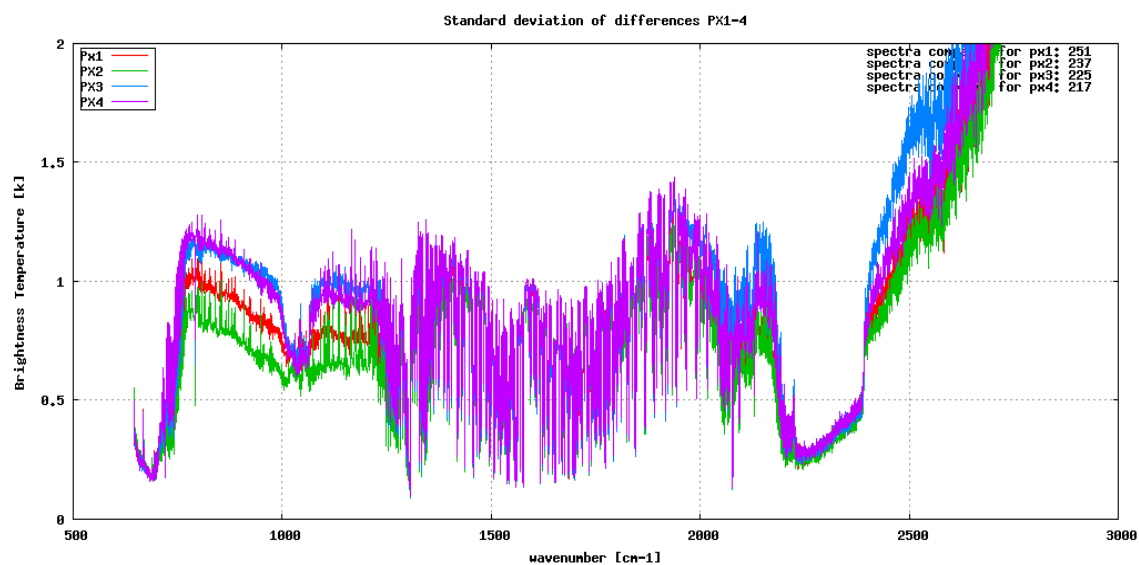


Figure 9: Standard Deviation of Radiance differences

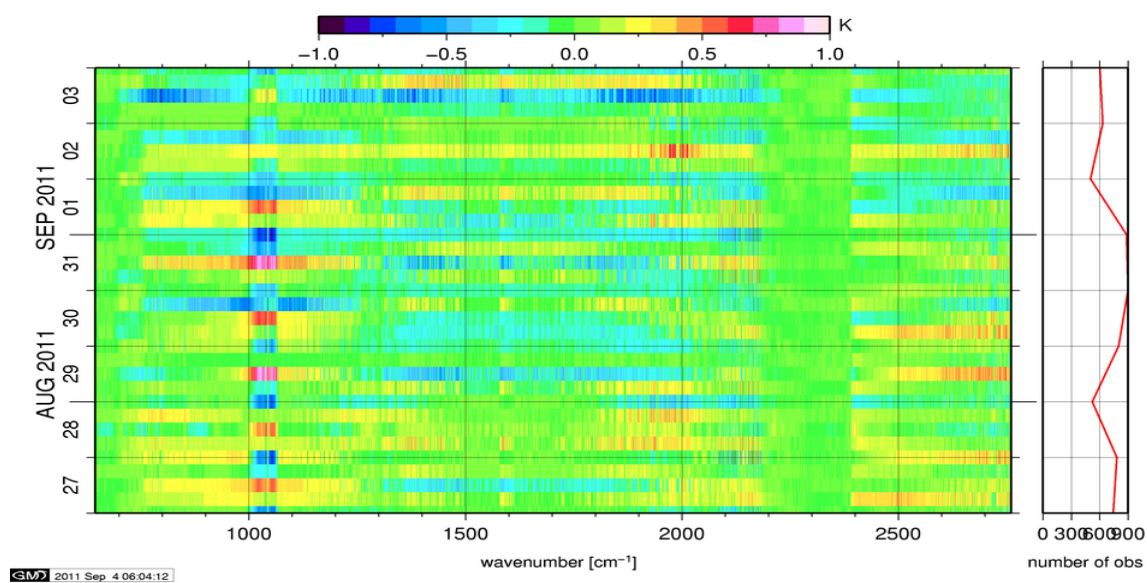


Figure 10: Radiance Anomaly in BRT: All Channels

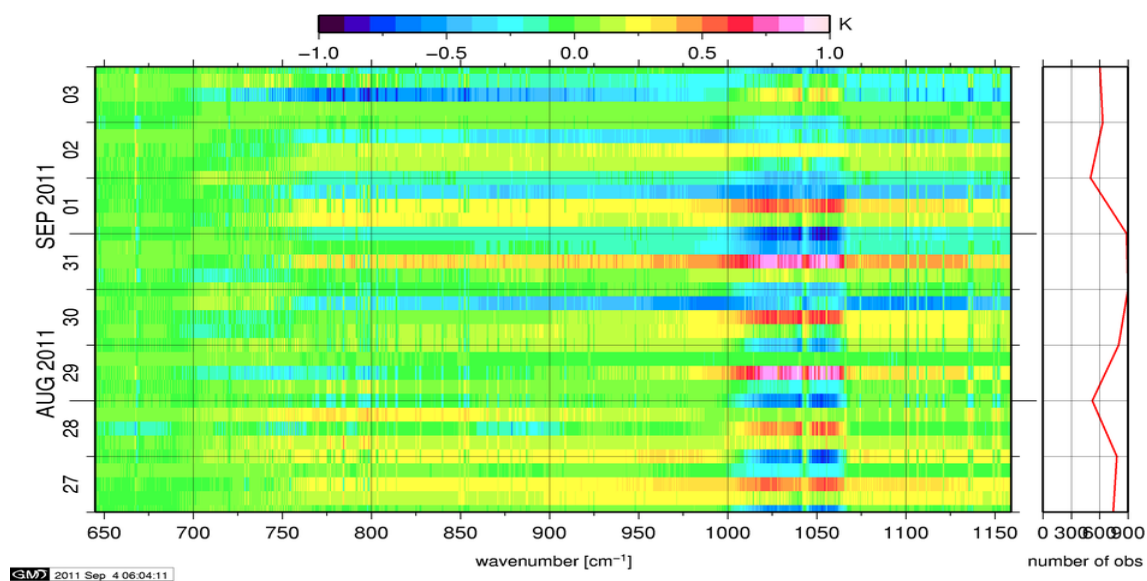


Figure 11: Radiance Anomaly in BRT: IASI Band 1

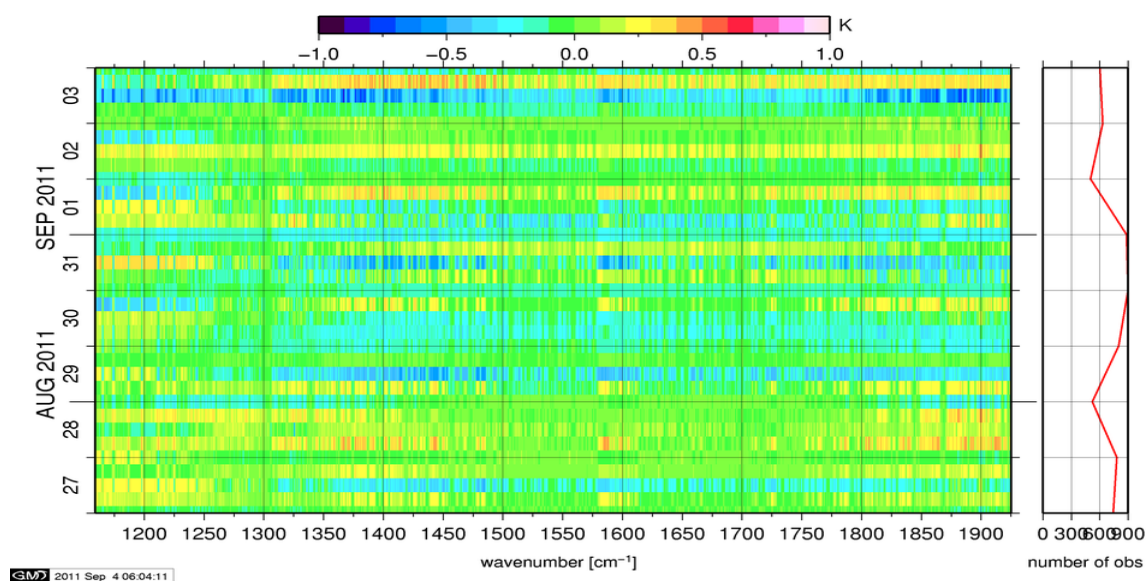


Figure 12: Radiance Anomaly in BRT: IASI Band 2

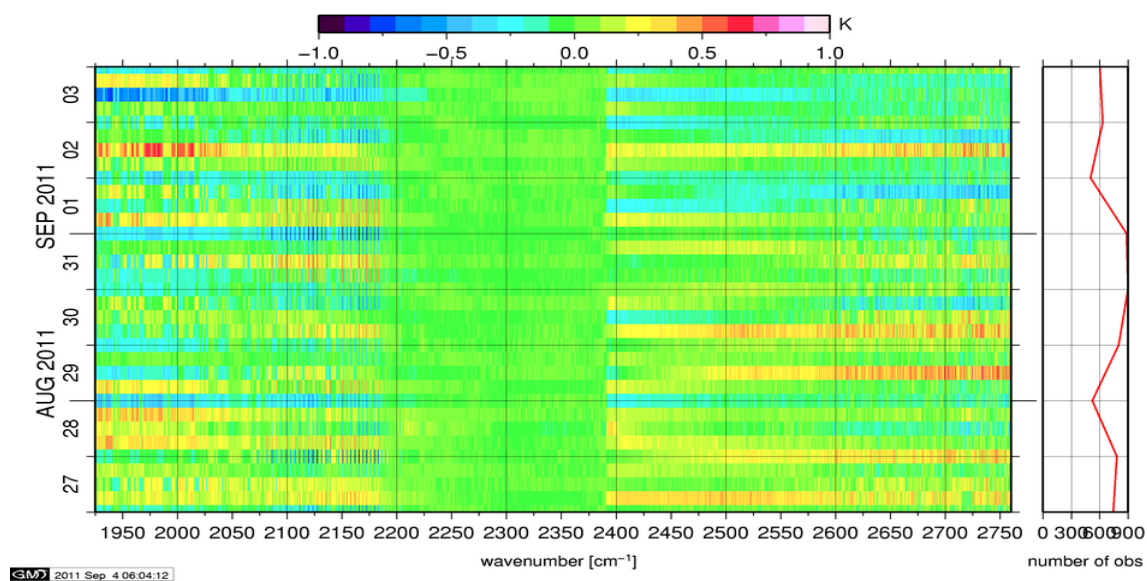


Figure 13: Radiance Anomaly in BRT: IASI Band 3

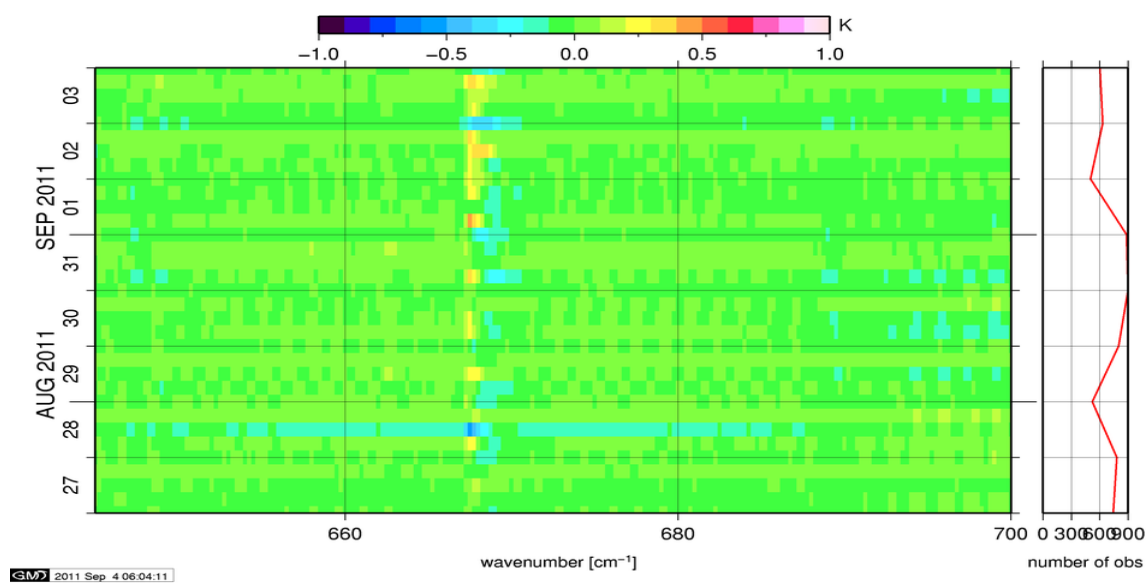


Figure 14: Radiance Anomaly in BRT: CO2 14

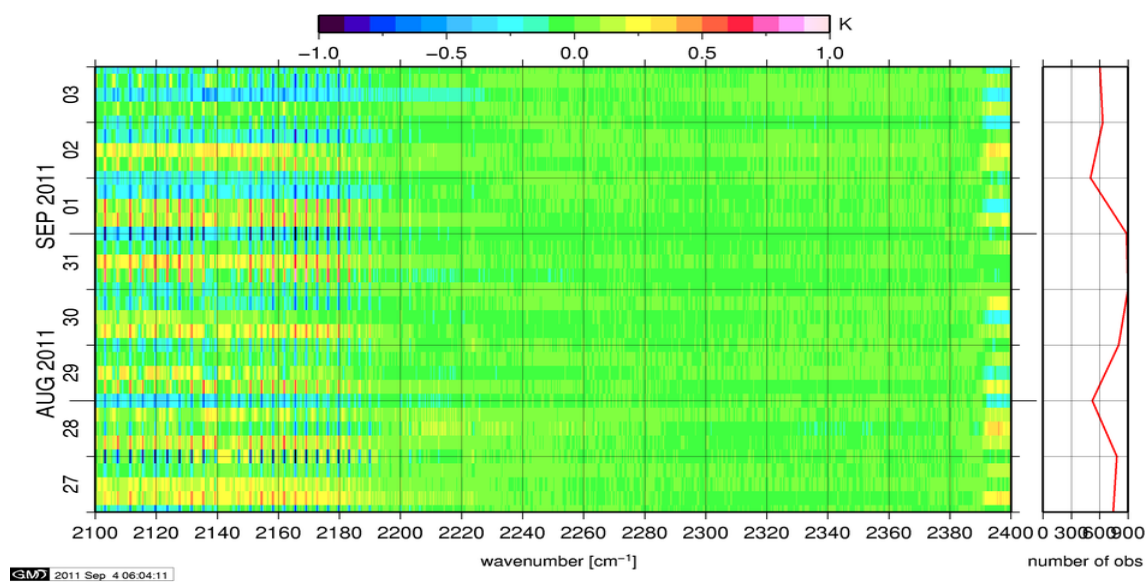


Figure 15: Radiance Anomaly in BRT: CO2 4.3

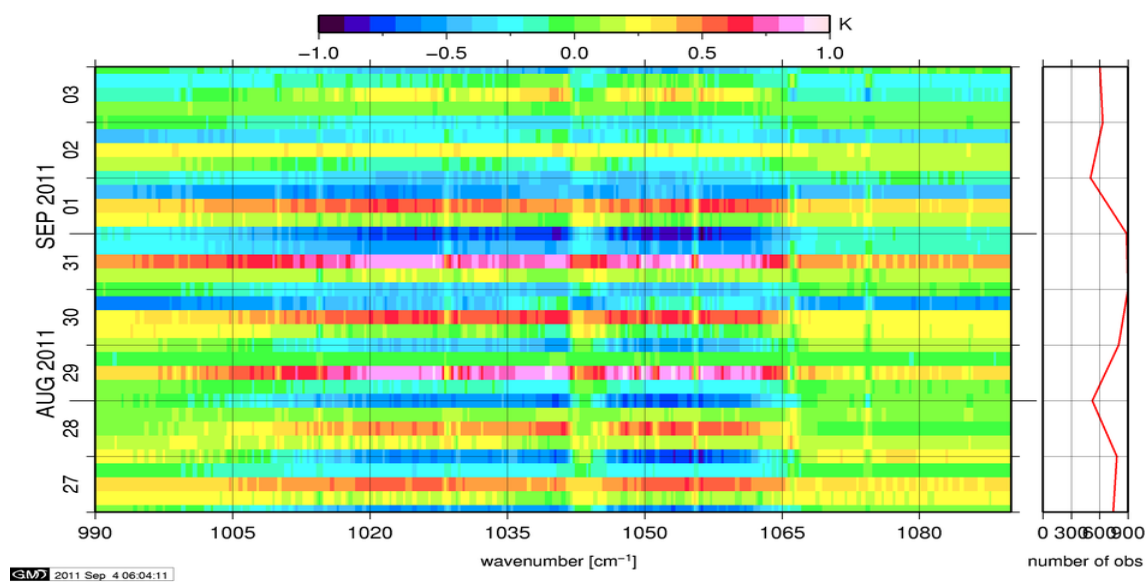


Figure 16: Radiance Anomaly in BRT: O3

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.

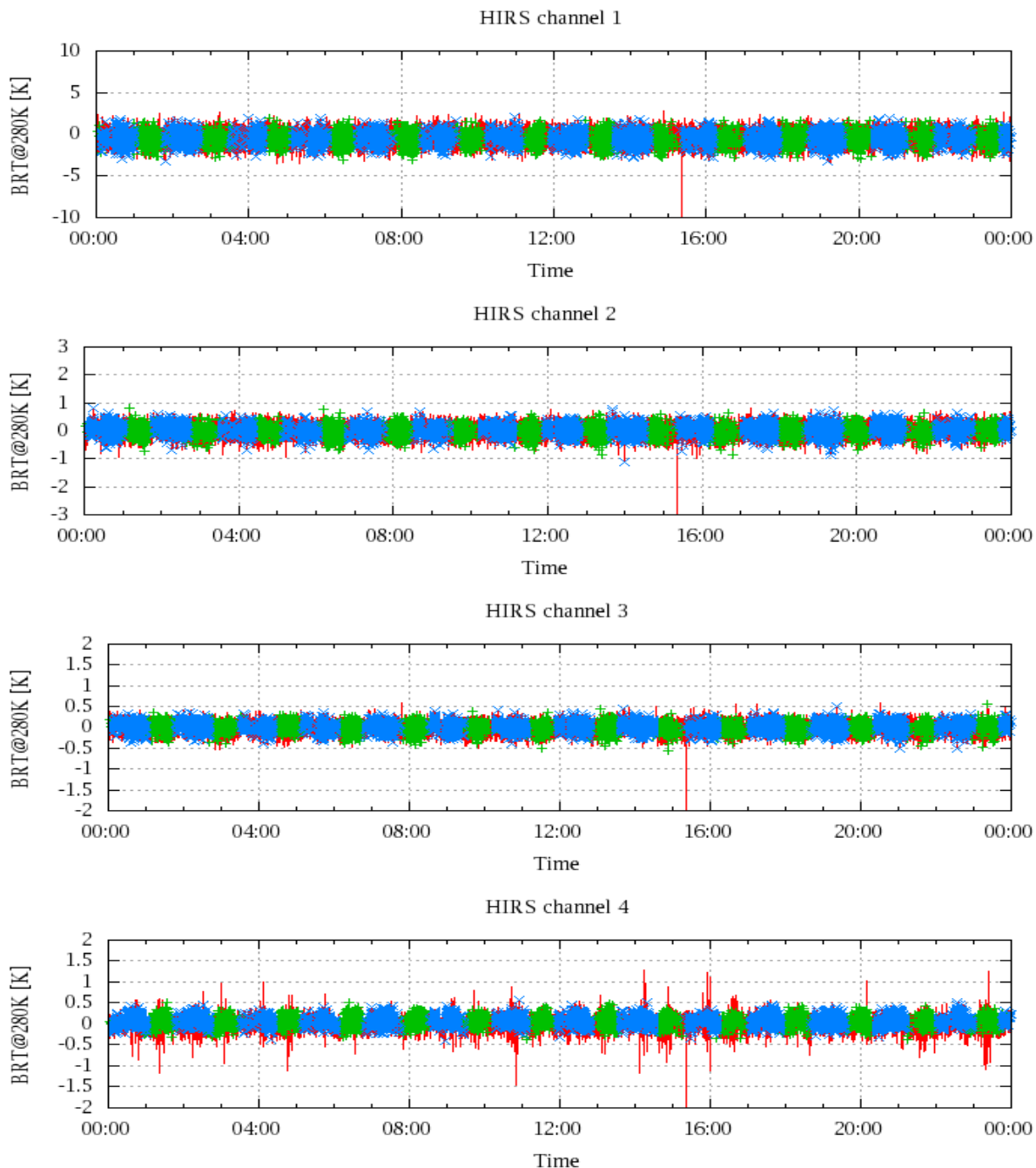


Figure 17: Radiance Differences in BRT

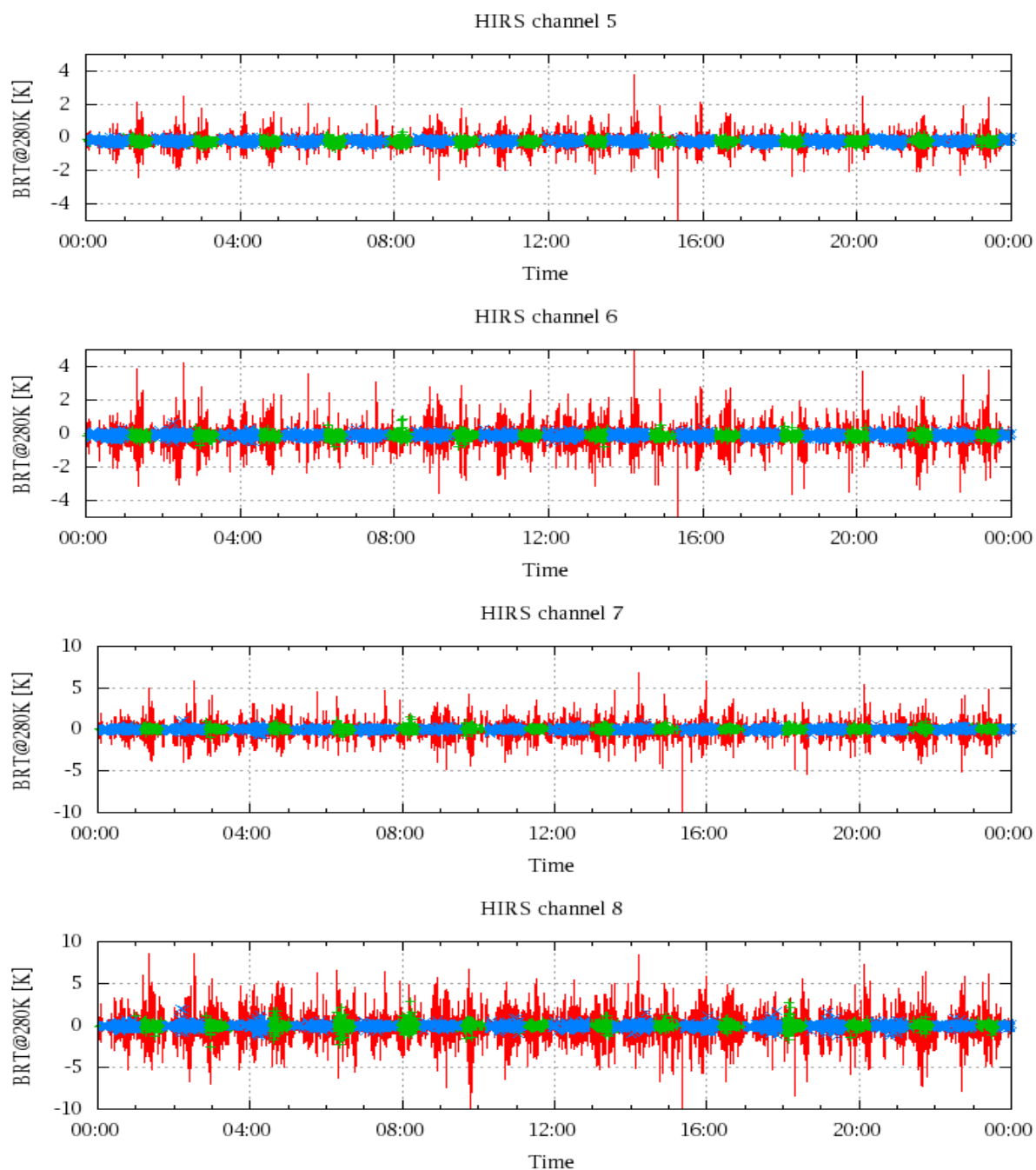


Figure 18: Radiance Differences in BRT

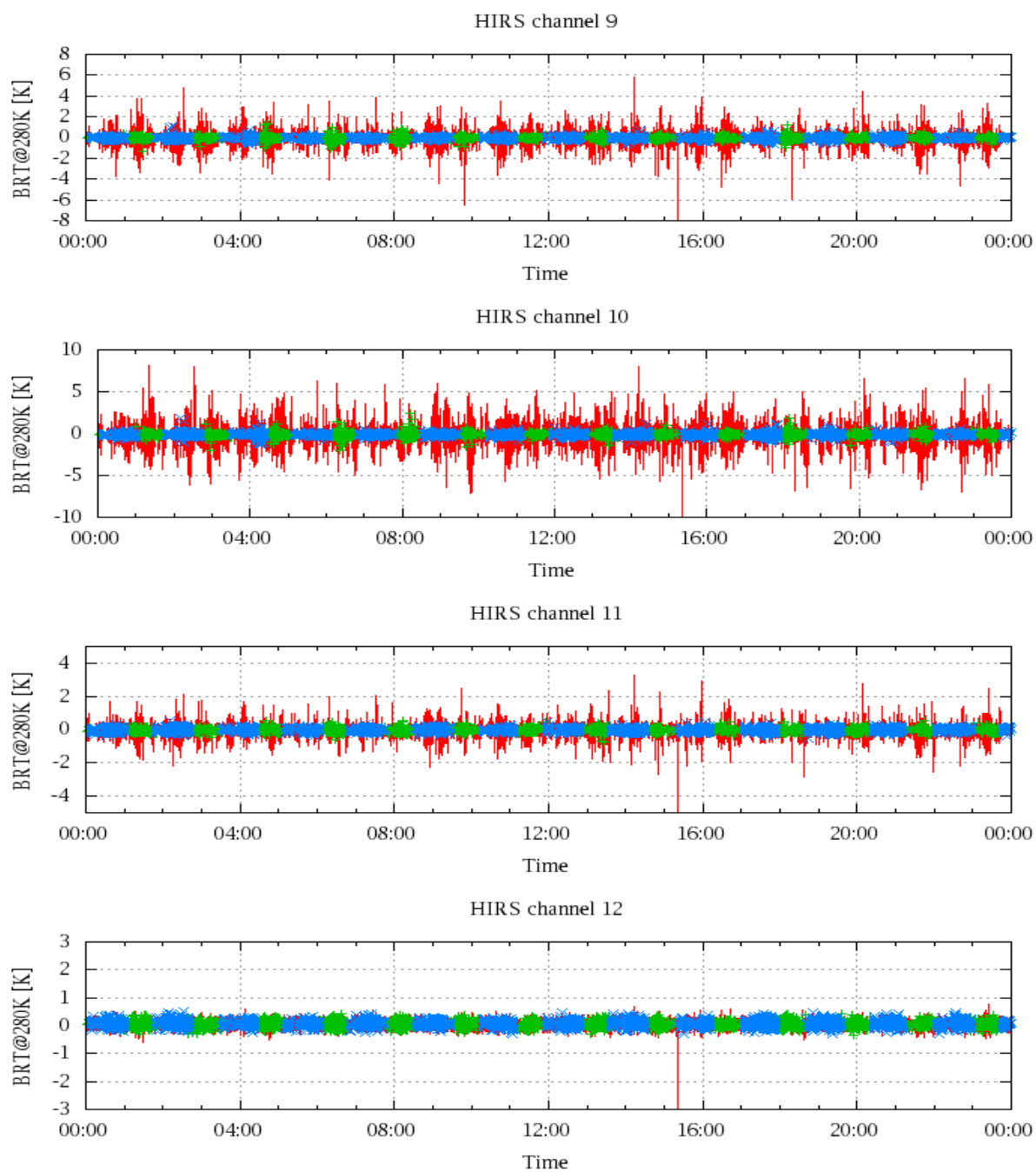


Figure 19: Radiance Differences in BRT

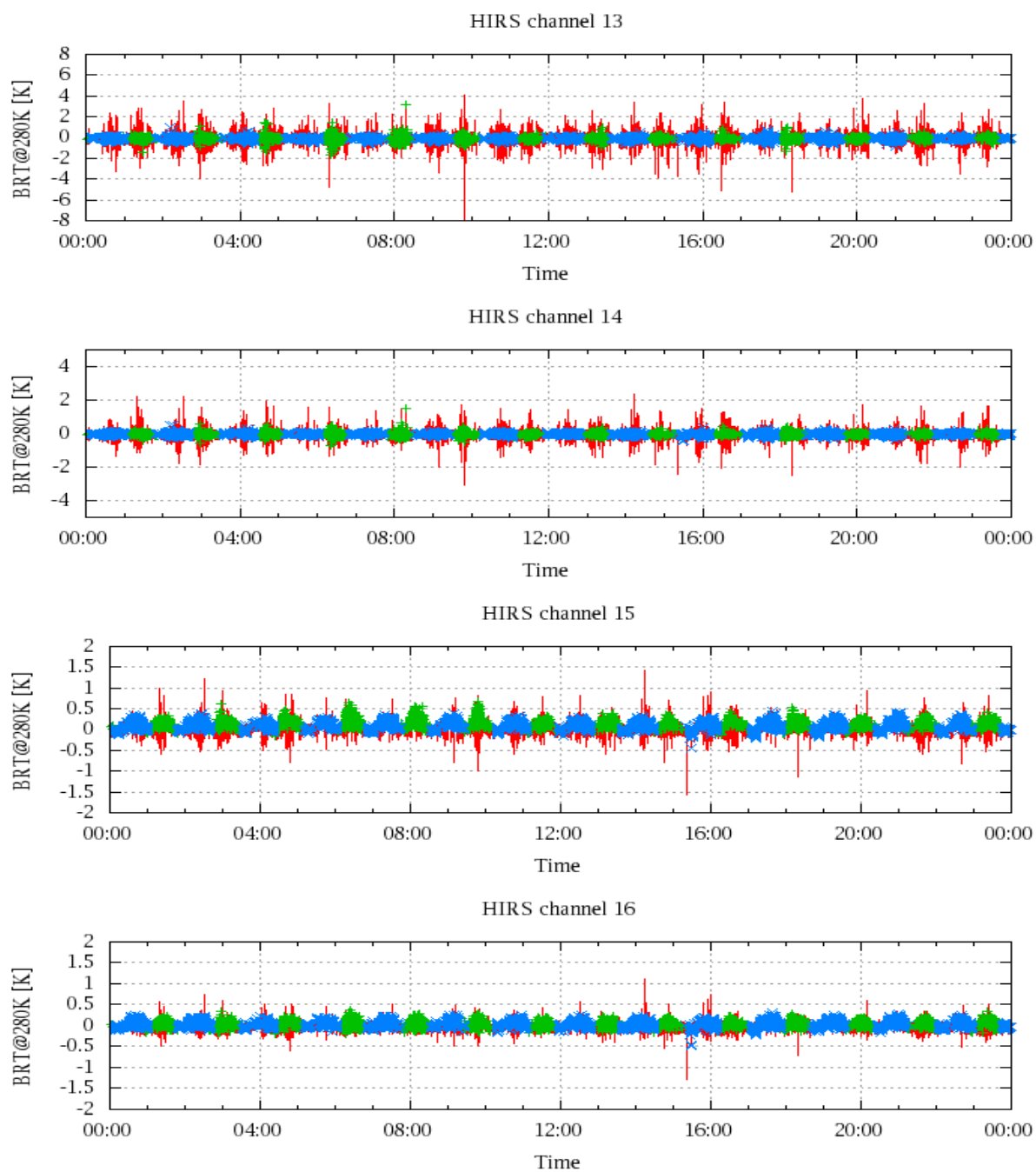


Figure 20: Radiance Differences in BRT

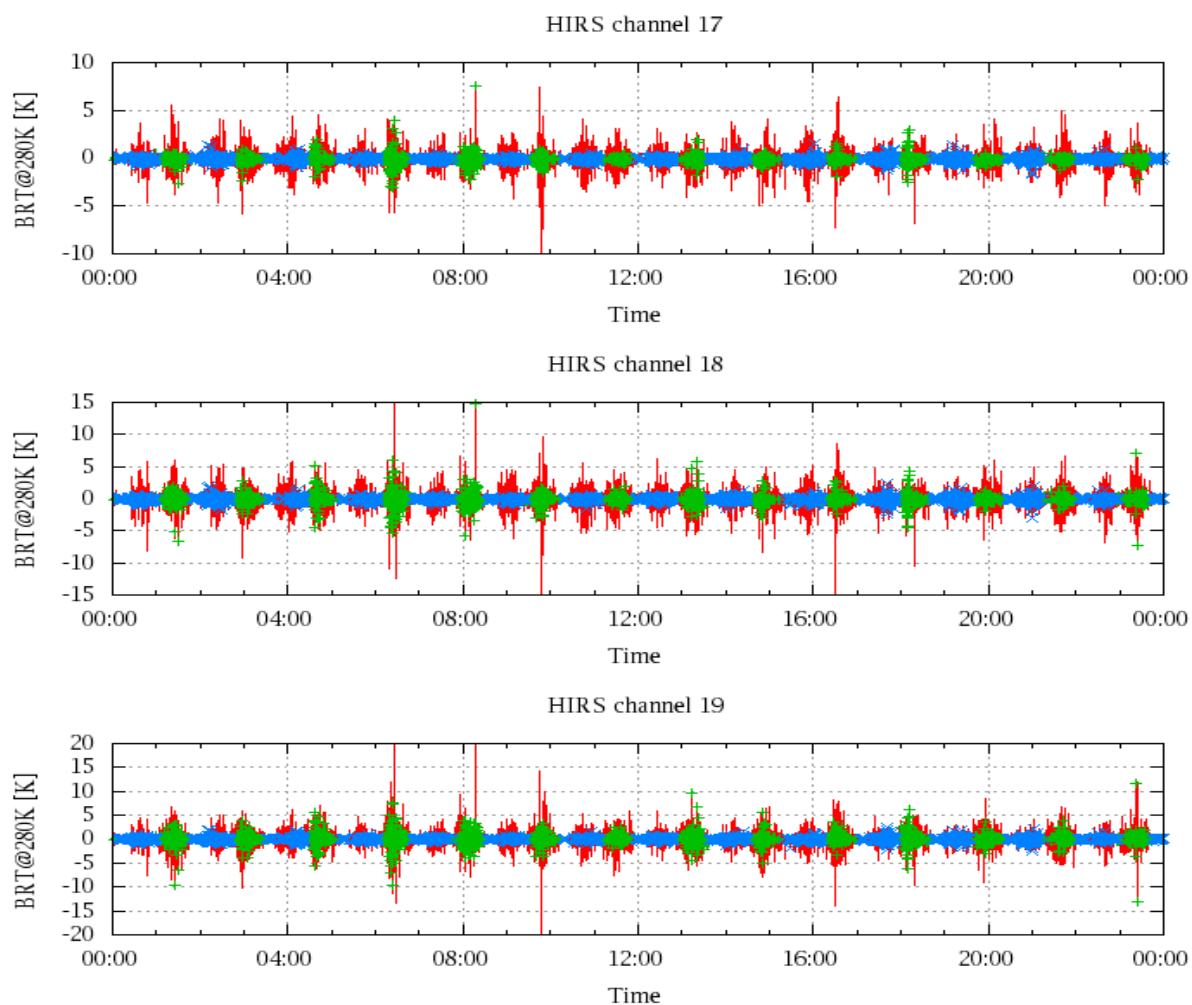


Figure 21: Radinace Differences in BRT