

IASI L0 and L1 Daily Monitoring Report

IASI monitoring team

21/07/2011 00:00:00 - 22/07/2011 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 21/07/2011 00:00:00 - 22/07/2011 00:00:00 .

The monitoring data are extracted on PDU basis.

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

2 Data quantity 21/07/2011 00:00:00 - 22/07/2011 00:00:00

Product Type	Number	Action
L0 HKTM PDUs	468	-
L0 IASI PDUs	468	-
L1 ENG PDUs	466	-
L1 ENG distinct GEPSGranule	467	-
L1 DPX PDUs (RM: IASI-HIRS)	462	-
L1 DPS Files (RM: OBS-CAL NWP based)	466	-

Table 1: Data quantity

APID	Seq from	Seq to	Time from	Time to
PX1 (130)	2303	2315	20110721131206.434	20110721131210.543
PX1 (130)	10656	10658	20110721221856.720	20110721221858.669
PX1 (130)	10664	10667	20110721221859.962	20110721221900.615
PX1 (130)	10674	10676	20110721221902.126	20110721221902.556
PX1 (130)	10683	10685	20110721221904.072	20110721221904.505
PX1 (130)	10694	10696	20110721221907.962	20110721221908.396
PX1 (130)	10699	10702	20110721221909.044	20110721221909.693
PX1 (130)	10703	10705	20110721221909.908	20110721221910.341
PX1 (130)	10706	10708	20110721221910.560	20110721221910.990
PX1 (130)	10711	10713	20110721221911.638	20110721221912.072
PX1 (130)	10713	10715	20110721221912.072	20110721221912.505
PX1 (130)	10716	10718	20110721221912.720	20110721221914.669
PX1 (130)	10724	10726	20110721221915.962	20110721221916.396
PX1 (130)	10733	10735	20110721221917.911	20110721221918.341
PX1 (130)	10742	10744	20110721221919.853	20110721221920.286
PX1 (130)	10754	10756	20110721221923.962	20110721221924.396
PX1 (130)	10763	10765	20110721221925.908	20110721221926.341
PX1 (130)	10772	10774	20110721221927.857	20110721221928.286

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Table 2 – continued from previous page

APID	Seq from	Seq to	Time from	Time to
PX1 (130)	10783	10786	20110721221931.747	20110721221932.396
PX1 (130)	10793	10795	20110721221933.908	20110721221934.341
PX1 (130)	10800	10804	20110721221935.423	20110721221936.286
PX1 (130)	10807	10811	20110721221938.450	20110721221939.314
PX1 (130)	10813	10817	20110721221939.747	20110721221940.611
PX1 (130)	10822	10825	20110721221941.693	20110721221942.341
PX1 (130)	10831	10834	20110721221943.638	20110721221944.286
PX1 (130)	10843	10845	20110721221947.747	20110721221948.181
PX1 (130)	10852	10854	20110721221949.693	20110721221950.122
PX1 (130)	10861	10864	20110721221951.638	20110721221952.286
PX1 (130)	10872	10875	20110721221955.529	20110721221956.177
PX1 (130)	10882	10884	20110721221957.693	20110721221958.126
PX1 (130)	10891	10893	20110721221959.638	20110721222000.072
PX1 (130)	10896	10898	20110721222000.720	20110721222002.665
PX1 (130)	10898	10901	20110721222002.665	20110721222003.314
PX1 (130)	10901	10905	20110721222003.314	20110721222004.177
PX1 (130)	10908	10910	20110721222004.825	20110721222005.259
PX1 (130)	10911	10914	20110721222005.478	20110721222006.122
PX1 (130)	10920	10923	20110721222007.419	20110721222008.071
PX1 (130)	10932	10934	20110721222011.529	20110721222011.962
PX1 (130)	10941	10943	20110721222013.474	20110721222013.907
PX1 (130)	10950	10953	20110721222015.423	20110721222016.068
PX1 (130)	10962	10964	20110721222019.528	20110721222019.962
PX1 (130)	10971	10973	20110721222021.474	20110721222021.907
PX1 (130)	10980	10982	20110721222023.419	20110721222023.853
PX1 (130)	10991	10994	20110721222027.314	20110721222027.962
PX1 (130)	11000	11003	20110721222029.259	20110721222029.907
PX1 (130)	11010	11012	20110721222031.423	20110721222031.853
PX1 (130)	11021	11024	20110721222035.314	20110721222035.962
PX1 (130)	11030	11033	20110721222037.259	20110721222037.907
PX1 (130)	11039	11042	20110721222039.204	20110721222039.853
PX1 (130)	11051	11053	20110721222043.314	20110721222043.743
PX1 (130)	11060	11062	20110721222045.259	20110721222045.692
PX1 (130)	11069	11072	20110721222047.204	20110721222047.853
PX1 (130)	11081	11083	20110721222051.314	20110721222051.743
PX1 (130)	11090	11092	20110721222053.259	20110721222053.689
PX1 (130)	11099	11101	20110721222055.204	20110721222055.638
PX1 (130)	11110	11113	20110721222059.095	20110721222059.743
PX1 (130)	11120	11122	20110721222101.259	20110721222101.692
PX1 (130)	11129	11131	20110721222103.204	20110721222103.634
PX1 (130)	11140	11142	20110721222107.095	20110721222107.528
PX1 (130)	11149	11152	20110721222109.040	20110721222109.689
PX1 (130)	11158	11161	20110721222110.985	20110721222111.638
PX1 (130)	11170	11172	20110721222115.095	20110721222115.528
PX1 (130)	11179	11181	20110721222117.040	20110721222117.474
PX1 (130)	11188	11191	20110721222118.989	20110721222119.634
PX1 (130)	11199	11202	20110721222122.880	20110721222123.528
PX1 (130)	11209	11211	20110721222125.040	20110721222125.474
PX1 (130)	11218	11220	20110721222126.985	20110721222127.419
PX1 (130)	11229	11232	20110721222130.880	20110721222131.528
PX1 (130)	11238	11241	20110721222132.825	20110721222133.474
PX1 (130)	11248	11250	20110721222134.985	20110721222135.419
PX1 (130)	11259	11261	20110721222138.880	20110721222139.310
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Table 2 – continued from previous page

APID	Seq from	Seq to	Time from	Time to
PX1 (130)	11268	11270	20110721222140.825	20110721222141.255
PX1 (130)	11277	11280	20110721222142.770	20110721222143.419
PX1 (130)	11289	11291	20110721222146.876	20110721222147.310
PX1 (130)	11298	11300	20110721222148.825	20110721222149.259
PX1 (130)	11307	11309	20110721222150.770	20110721222151.200
PX1 (130)	11318	11320	20110721222154.661	20110721222155.095
PX1 (130)	11328	11330	20110721222156.825	20110721222157.255
PX1 (130)	11337	11339	20110721222158.770	20110721222159.204
PX1 (130)	11348	11351	20110721222202.661	20110721222203.309
PX1 (130)	11358	11360	20110721222204.825	20110721222205.255
PX1 (130)	11367	11369	20110721222206.770	20110721222207.200
PX1 (130)	11378	11380	20110721222210.661	20110721222211.095
PX1 (130)	11387	11390	20110721222212.606	20110721222213.255
PX1 (130)	11396	11399	20110721222214.552	20110721222215.204
PX1 (130)	11405	11407	20110721222216.501	20110721222218.446
PX1 (130)	11408	11410	20110721222218.661	20110721222219.095
PX1 (130)	13094	5703	20110721222947.945	20110721230946.439
PX2 (135)	2303	2315	20110721131206.434	20110721131210.543
PX2 (135)	10656	10659	20110721221856.720	20110721221858.884
PX2 (135)	10666	10668	20110721221900.396	20110721221900.829
PX2 (135)	10675	10677	20110721221902.341	20110721221902.775
PX2 (135)	10684	10686	20110721221904.286	20110721221904.720
PX2 (135)	10686	10688	20110721221904.720	20110721221906.669
PX2 (135)	10695	10698	20110721221908.181	20110721221908.829
PX2 (135)	10699	10702	20110721221909.044	20110721221909.693
PX2 (135)	10704	10708	20110721221910.126	20110721221910.990
PX2 (135)	10711	10713	20110721221911.638	20110721221912.072
PX2 (135)	10713	10716	20110721221912.072	20110721221912.720
PX2 (135)	10716	10718	20110721221912.720	20110721221914.669
PX2 (135)	10725	10728	20110721221916.181	20110721221916.829
PX2 (135)	10734	10737	20110721221918.126	20110721221918.775
PX2 (135)	10743	10746	20110721221920.072	20110721221920.720
PX2 (135)	10746	10748	20110721221920.720	20110721221922.669
PX2 (135)	10755	10757	20110721221924.177	20110721221924.611
PX2 (135)	10764	10766	20110721221926.126	20110721221926.560
PX2 (135)	10773	10776	20110721221928.072	20110721221928.720
PX2 (135)	10785	10787	20110721221932.181	20110721221932.611
PX2 (135)	10794	10796	20110721221934.126	20110721221934.556
PX2 (135)	10800	10805	20110721221935.423	20110721221936.505
PX2 (135)	10807	10811	20110721221938.450	20110721221939.314
PX2 (135)	10811	10813	20110721221939.314	20110721221939.747
PX2 (135)	10814	10817	20110721221939.962	20110721221940.611
PX2 (135)	10823	10826	20110721221941.907	20110721221942.556
PX2 (135)	10833	10835	20110721221944.072	20110721221944.501
PX2 (135)	10844	10846	20110721221947.962	20110721221948.396
PX2 (135)	10853	10855	20110721221949.907	20110721221950.341
PX2 (135)	10862	10865	20110721221951.853	20110721221952.505
PX2 (135)	10874	10876	20110721221955.962	20110721221956.396
PX2 (135)	10883	10885	20110721221957.907	20110721221958.341
PX2 (135)	10892	10894	20110721221959.853	20110721222000.286
PX2 (135)	10896	10901	20110721222000.720	20110721222003.314
PX2 (135)	10901	10906	20110721222003.314	20110721222004.396
PX2 (135)	10913	10915	20110721222005.907	20110721222006.341
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Table 2 – continued from previous page

APID	Seq from	Seq to	Time from	Time to
PX2 (135)	10922	10924	20110721222007.853	20110721222008.286
PX2 (135)	10933	10935	20110721222011.747	20110721222012.177
PX2 (135)	10942	10945	20110721222013.693	20110721222014.341
PX2 (135)	10952	10954	20110721222015.853	20110721222016.286
PX2 (135)	10963	10965	20110721222019.747	20110721222020.177
PX2 (135)	10972	10974	20110721222021.693	20110721222022.122
PX2 (135)	10981	10983	20110721222023.638	20110721222024.071
PX2 (135)	10992	10995	20110721222027.528	20110721222028.177
PX2 (135)	11002	11004	20110721222029.693	20110721222030.122
PX2 (135)	11011	11013	20110721222031.638	20110721222032.068
PX2 (135)	11022	11025	20110721222035.528	20110721222036.177
PX2 (135)	11032	11034	20110721222037.689	20110721222038.122
PX2 (135)	11041	11043	20110721222039.638	20110721222040.071
PX2 (135)	11052	11054	20110721222043.528	20110721222043.962
PX2 (135)	11061	11064	20110721222045.474	20110721222046.122
PX2 (135)	11070	11073	20110721222047.419	20110721222048.067
PX2 (135)	11082	11084	20110721222051.528	20110721222051.962
PX2 (135)	11091	11093	20110721222053.474	20110721222053.907
PX2 (135)	11100	11103	20110721222055.419	20110721222056.067
PX2 (135)	11111	11114	20110721222059.310	20110721222059.962
PX2 (135)	11121	11123	20110721222101.474	20110721222101.907
PX2 (135)	11130	11132	20110721222103.419	20110721222103.853
PX2 (135)	11141	11144	20110721222107.314	20110721222107.962
PX2 (135)	11151	11153	20110721222109.474	20110721222109.907
PX2 (135)	11160	11162	20110721222111.419	20110721222111.853
PX2 (135)	11171	11173	20110721222115.310	20110721222115.743
PX2 (135)	11180	11183	20110721222117.259	20110721222117.907
PX2 (135)	11189	11191	20110721222119.204	20110721222119.634
PX2 (135)	11201	11203	20110721222123.313	20110721222123.743
PX2 (135)	11210	11212	20110721222125.255	20110721222125.688
PX2 (135)	11219	11221	20110721222127.204	20110721222127.638
PX2 (135)	11231	11233	20110721222131.310	20110721222131.743
PX2 (135)	11240	11242	20110721222133.259	20110721222133.688
PX2 (135)	11249	11251	20110721222135.204	20110721222135.634
PX2 (135)	11260	11263	20110721222139.095	20110721222139.743
PX2 (135)	11269	11271	20110721222141.040	20110721222141.474
PX2 (135)	11279	11281	20110721222143.204	20110721222143.634
PX2 (135)	11290	11292	20110721222147.095	20110721222147.528
PX2 (135)	11299	11301	20110721222149.040	20110721222149.474
PX2 (135)	11308	11311	20110721222150.985	20110721222151.634
PX2 (135)	11319	11322	20110721222154.880	20110721222155.524
PX2 (135)	11329	11331	20110721222157.040	20110721222157.474
PX2 (135)	11338	11340	20110721222158.985	20110721222159.419
PX2 (135)	11349	11352	20110721222202.876	20110721222203.528
PX2 (135)	11358	11361	20110721222204.825	20110721222205.474
PX2 (135)	11368	11370	20110721222206.985	20110721222207.419
PX2 (135)	11379	11381	20110721222210.880	20110721222211.309
PX2 (135)	11388	11390	20110721222212.821	20110721222213.255
PX2 (135)	11398	11400	20110721222214.985	20110721222215.419
PX2 (135)	11409	11411	20110721222218.876	20110721222219.309
PX2 (135)	13094	5703	20110721222947.945	20110721230946.439
PX3 (140)	2302	2315	20110721131206.219	20110721131210.543
PX3 (140)	10658	10660	20110721221858.669	20110721221859.099

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APID	Seq from	Seq to	Time from	Time to
PX3 (140)	10667	10669	20110721221900.615	20110721221901.044
PX3 (140)	10676	10678	20110721221902.556	20110721221902.990
PX3 (140)	10685	10687	20110721221904.505	20110721221906.451
PX3 (140)	10687	10690	20110721221906.451	20110721221907.099
PX3 (140)	10696	10698	20110721221908.396	20110721221908.829
PX3 (140)	10699	10702	20110721221909.044	20110721221909.693
PX3 (140)	10705	10708	20110721221910.341	20110721221910.990
PX3 (140)	10711	10713	20110721221911.638	20110721221912.072
PX3 (140)	10715	10717	20110721221912.505	20110721221914.451
PX3 (140)	10717	10719	20110721221914.451	20110721221914.884
PX3 (140)	10720	10722	20110721221915.099	20110721221915.533
PX3 (140)	10726	10729	20110721221916.396	20110721221917.044
PX3 (140)	10735	10738	20110721221918.341	20110721221918.990
PX3 (140)	10745	10747	20110721221920.505	20110721221922.451
PX3 (140)	10747	10749	20110721221922.451	20110721221922.880
PX3 (140)	10756	10758	20110721221924.396	20110721221924.829
PX3 (140)	10765	10767	20110721221926.341	20110721221926.775
PX3 (140)	10774	10779	20110721221928.286	20110721221930.884
PX3 (140)	10785	10788	20110721221932.181	20110721221932.825
PX3 (140)	10795	10797	20110721221934.341	20110721221934.775
PX3 (140)	10802	10806	20110721221935.853	20110721221936.720
PX3 (140)	10807	10811	20110721221938.450	20110721221939.314
PX3 (140)	10811	10814	20110721221939.314	20110721221939.962
PX3 (140)	10815	10818	20110721221940.177	20110721221940.829
PX3 (140)	10825	10827	20110721221942.341	20110721221942.775
PX3 (140)	10834	10836	20110721221944.286	20110721221944.720
PX3 (140)	10836	10838	20110721221944.720	20110721221946.665
PX3 (140)	10845	10847	20110721221948.181	20110721221948.611
PX3 (140)	10854	10857	20110721221950.122	20110721221950.775
PX3 (140)	10863	10866	20110721221952.072	20110721221952.720
PX3 (140)	10866	10868	20110721221952.720	20110721221954.669
PX3 (140)	10875	10877	20110721221956.177	20110721221956.611
PX3 (140)	10884	10886	20110721221958.126	20110721221958.556
PX3 (140)	10893	10896	20110721222000.072	20110721222000.720
PX3 (140)	10896	10901	20110721222000.720	20110721222003.314
PX3 (140)	10901	10907	20110721222003.314	20110721222004.611
PX3 (140)	10914	10916	20110721222006.122	20110721222006.556
PX3 (140)	10923	10925	20110721222008.071	20110721222008.501
PX3 (140)	10934	10937	20110721222011.962	20110721222012.611
PX3 (140)	10944	10946	20110721222014.126	20110721222014.556
PX3 (140)	10953	10955	20110721222016.068	20110721222016.501
PX3 (140)	10964	10966	20110721222019.962	20110721222020.392
PX3 (140)	10973	10976	20110721222021.907	20110721222022.556
PX3 (140)	10982	10985	20110721222023.853	20110721222024.501
PX3 (140)	10994	10996	20110721222027.962	20110721222028.396
PX3 (140)	11003	11005	20110721222029.907	20110721222030.341
PX3 (140)	11012	11014	20110721222031.853	20110721222032.286
PX3 (140)	11024	11026	20110721222035.962	20110721222036.392
PX3 (140)	11033	11035	20110721222037.907	20110721222038.341
PX3 (140)	11042	11044	20110721222039.853	20110721222040.286
PX3 (140)	11053	11055	20110721222043.743	20110721222044.177
PX3 (140)	11062	11065	20110721222045.692	20110721222046.341
PX3 (140)	11072	11074	20110721222047.853	20110721222048.286
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APID	Seq from	Seq to	Time from	Time to
PX3 (140)	11083	11085	20110721222051.743	20110721222052.177
PX3 (140)	11092	11094	20110721222053.689	20110721222054.122
PX3 (140)	11101	11104	20110721222055.638	20110721222056.286
PX3 (140)	11113	11115	20110721222059.743	20110721222100.177
PX3 (140)	11122	11124	20110721222101.692	20110721222102.122
PX3 (140)	11131	11133	20110721222103.634	20110721222104.067
PX3 (140)	11143	11145	20110721222107.743	20110721222108.177
PX3 (140)	11152	11154	20110721222109.689	20110721222110.122
PX3 (140)	11161	11163	20110721222111.638	20110721222112.067
PX3 (140)	11172	11174	20110721222115.528	20110721222115.962
PX3 (140)	11181	11183	20110721222117.474	20110721222117.907
PX3 (140)	11190	11193	20110721222119.419	20110721222120.067
PX3 (140)	11202	11204	20110721222123.528	20110721222123.958
PX3 (140)	11211	11213	20110721222125.474	20110721222125.907
PX3 (140)	11220	11223	20110721222127.419	20110721222128.067
PX3 (140)	11232	11234	20110721222131.528	20110721222131.962
PX3 (140)	11241	11243	20110721222133.474	20110721222133.903
PX3 (140)	11250	11252	20110721222135.419	20110721222135.853
PX3 (140)	11261	11264	20110721222139.310	20110721222139.958
PX3 (140)	11270	11273	20110721222141.255	20110721222141.907
PX3 (140)	11280	11282	20110721222143.419	20110721222143.852
PX3 (140)	11291	11293	20110721222147.310	20110721222147.743
PX3 (140)	11300	11303	20110721222149.259	20110721222149.903
PX3 (140)	11310	11312	20110721222151.419	20110721222151.852
PX3 (140)	11321	11323	20110721222155.309	20110721222155.743
PX3 (140)	11330	11332	20110721222157.255	20110721222157.688
PX3 (140)	11339	11342	20110721222159.204	20110721222159.852
PX3 (140)	11350	11353	20110721222203.095	20110721222203.743
PX3 (140)	11360	11362	20110721222205.255	20110721222205.688
PX3 (140)	11369	11371	20110721222207.200	20110721222207.634
PX3 (140)	11380	11383	20110721222211.095	20110721222211.743
PX3 (140)	11389	11392	20110721222213.040	20110721222213.688
PX3 (140)	11399	11401	20110721222215.204	20110721222215.634
PX3 (140)	11410	11412	20110721222219.095	20110721222219.528
PX3 (140)	13094	5703	20110721222947.945	20110721230946.439
PX4 (145)	2302	2315	20110721131206.219	20110721131210.543
PX4 (145)	10659	10661	20110721221858.884	20110721221859.314
PX4 (145)	10668	10670	20110721221900.829	20110721221901.259
PX4 (145)	10677	10679	20110721221902.775	20110721221903.208
PX4 (145)	10688	10691	20110721221906.669	20110721221907.314
PX4 (145)	10698	10702	20110721221908.829	20110721221909.693
PX4 (145)	10705	10707	20110721221910.341	20110721221910.775
PX4 (145)	10707	10709	20110721221910.775	20110721221911.204
PX4 (145)	10711	10713	20110721221911.638	20110721221912.072
PX4 (145)	10718	10720	20110721221914.669	20110721221915.099
PX4 (145)	10720	10722	20110721221915.099	20110721221915.533
PX4 (145)	10728	10730	20110721221916.829	20110721221917.259
PX4 (145)	10737	10739	20110721221918.775	20110721221919.208
PX4 (145)	10748	10750	20110721221922.669	20110721221923.099
PX4 (145)	10757	10760	20110721221924.611	20110721221925.259
PX4 (145)	10766	10769	20110721221926.560	20110721221927.204
PX4 (145)	10775	10777	20110721221928.501	20110721221930.450
PX4 (145)	10778	10780	20110721221930.669	20110721221931.099
Continued on next page				

Table 2 – continued from previous page

APID	Seq from	Seq to	Time from	Time to
PX4 (145)	10787	10789	20110721221932.611	20110721221933.044
PX4 (145)	10796	10798	20110721221934.556	20110721221934.990
PX4 (145)	10803	10806	20110721221936.072	20110721221936.720
PX4 (145)	10807	10811	20110721221938.450	20110721221939.314
PX4 (145)	10811	10815	20110721221939.314	20110721221940.177
PX4 (145)	10816	10819	20110721221940.396	20110721221941.044
PX4 (145)	10826	10828	20110721221942.556	20110721221942.990
PX4 (145)	10835	10837	20110721221944.501	20110721221946.450
PX4 (145)	10837	10839	20110721221946.450	20110721221946.880
PX4 (145)	10846	10848	20110721221948.396	20110721221948.825
PX4 (145)	10855	10858	20110721221950.341	20110721221950.989
PX4 (145)	10865	10867	20110721221952.505	20110721221954.447
PX4 (145)	10867	10869	20110721221954.447	20110721221954.880
PX4 (145)	10876	10878	20110721221956.396	20110721221956.829
PX4 (145)	10885	10888	20110721221958.341	20110721221958.989
PX4 (145)	10894	10897	20110721222000.286	20110721222002.450
PX4 (145)	10897	10901	20110721222002.450	20110721222003.314
PX4 (145)	10901	10908	20110721222003.314	20110721222004.825
PX4 (145)	10915	10917	20110721222006.341	20110721222006.775
PX4 (145)	10924	10926	20110721222008.286	20110721222008.720
PX4 (145)	10926	10929	20110721222008.720	20110721222010.880
PX4 (145)	10936	10938	20110721222012.396	20110721222012.825
PX4 (145)	10945	10947	20110721222014.341	20110721222014.771
PX4 (145)	10954	10956	20110721222016.286	20110721222016.720
PX4 (145)	10956	10958	20110721222016.720	20110721222018.665
PX4 (145)	10965	10968	20110721222020.177	20110721222020.825
PX4 (145)	10974	10977	20110721222022.122	20110721222022.775
PX4 (145)	10984	10986	20110721222024.286	20110721222024.716
PX4 (145)	10986	10988	20110721222024.716	20110721222026.665
PX4 (145)	10995	10997	20110721222028.177	20110721222028.610
PX4 (145)	11004	11006	20110721222030.122	20110721222030.556
PX4 (145)	11013	11016	20110721222032.068	20110721222032.720
PX4 (145)	11016	11018	20110721222032.720	20110721222034.665
PX4 (145)	11025	11027	20110721222036.177	20110721222036.610
PX4 (145)	11034	11036	20110721222038.122	20110721222038.556
PX4 (145)	11043	11045	20110721222040.071	20110721222040.501
PX4 (145)	11046	11048	20110721222040.716	20110721222042.665
PX4 (145)	11054	11057	20110721222043.962	20110721222044.610
PX4 (145)	11064	11066	20110721222046.122	20110721222046.556
PX4 (145)	11073	11075	20110721222048.067	20110721222048.501
PX4 (145)	11084	11087	20110721222051.962	20110721222052.610
PX4 (145)	11093	11096	20110721222053.907	20110721222054.556
PX4 (145)	11103	11105	20110721222056.067	20110721222056.501
PX4 (145)	11114	11116	20110721222059.962	20110721222100.392
PX4 (145)	11123	11125	20110721222101.907	20110721222102.337
PX4 (145)	11132	11134	20110721222103.853	20110721222104.286
PX4 (145)	11144	11146	20110721222107.962	20110721222108.392
PX4 (145)	11153	11155	20110721222109.907	20110721222110.341
PX4 (145)	11162	11164	20110721222111.853	20110721222112.282
PX4 (145)	11173	11176	20110721222115.743	20110721222116.392
PX4 (145)	11182	11185	20110721222117.688	20110721222118.337
PX4 (145)	11192	11194	20110721222119.853	20110721222120.286
PX4 (145)	11203	11206	20110721222123.743	20110721222124.392
Continued on next page				

Table 2 – continued from previous page

APID	Seq from	Seq to	Time from	Time to
PX4 (145)	11212	11215	20110721222125.688	20110721222126.337
PX4 (145)	11221	11224	20110721222127.638	20110721222128.282
PX4 (145)	11233	11235	20110721222131.743	20110721222132.177
PX4 (145)	11242	11245	20110721222133.688	20110721222134.337
PX4 (145)	11251	11254	20110721222135.634	20110721222136.286
PX4 (145)	11262	11265	20110721222139.528	20110721222140.177
PX4 (145)	11272	11274	20110721222141.688	20110721222142.122
PX4 (145)	11281	11283	20110721222143.634	20110721222144.067
PX4 (145)	11292	11295	20110721222147.528	20110721222148.177
PX4 (145)	11302	11304	20110721222149.688	20110721222150.122
PX4 (145)	11311	11313	20110721222151.634	20110721222152.067
PX4 (145)	11322	11324	20110721222155.524	20110721222155.958
PX4 (145)	11331	11334	20110721222157.474	20110721222158.122
PX4 (145)	11340	11343	20110721222159.419	20110721222200.067
PX4 (145)	11352	11354	20110721222203.528	20110721222203.958
PX4 (145)	11361	11363	20110721222205.474	20110721222205.903
PX4 (145)	11370	11372	20110721222207.419	20110721222207.852
PX4 (145)	11382	11384	20110721222211.524	20110721222211.958
PX4 (145)	11391	11393	20110721222213.474	20110721222213.903
PX4 (145)	11400	11402	20110721222215.419	20110721222215.849
PX4 (145)	11411	11414	20110721222219.309	20110721222219.958
PX4 (145)	13094	5703	20110721222947.945	20110721230946.439
IMG (150)	12038	12051	20110721131206.219	20110721131209.247
IMG (150)	4028	4030	20110721221856.720	20110721221857.369
IMG (150)	4036	4040	20110721221859.099	20110721221859.962
IMG (150)	4045	4050	20110721221901.044	20110721221902.126
IMG (150)	4054	4059	20110721221902.990	20110721221904.072
IMG (150)	4062	4064	20110721221904.720	20110721221905.369
IMG (150)	4070	4074	20110721221907.099	20110721221907.962
IMG (150)	4078	4084	20110721221908.829	20110721221910.126
IMG (150)	4085	4087	20110721221910.341	20110721221910.775
IMG (150)	4088	4093	20110721221910.990	20110721221912.072
IMG (150)	4096	4101	20110721221912.720	20110721221914.451
IMG (150)	4103	4108	20110721221914.884	20110721221915.962
IMG (150)	4113	4117	20110721221917.044	20110721221917.911
IMG (150)	4122	4126	20110721221918.990	20110721221919.853
IMG (150)	4130	4132	20110721221920.720	20110721221921.368
IMG (150)	4137	4142	20110721221922.880	20110721221923.962
IMG (150)	4146	4151	20110721221924.829	20110721221925.908
IMG (150)	4155	4160	20110721221926.775	20110721221927.857
IMG (150)	4164	4167	20110721221928.720	20110721221929.802
IMG (150)	4171	4175	20110721221930.884	20110721221931.747
IMG (150)	4180	4185	20110721221932.825	20110721221933.908
IMG (150)	4189	4194	20110721221934.775	20110721221935.853
IMG (150)	4196	4203	20110721221936.286	20110721221938.450
IMG (150)	4204	4212	20110721221938.669	20110721221940.396
IMG (150)	4214	4218	20110721221940.829	20110721221941.693
IMG (150)	4223	4228	20110721221942.775	20110721221943.857
IMG (150)	4233	4235	20110721221945.154	20110721221945.798
IMG (150)	4238	4243	20110721221946.665	20110721221947.747
IMG (150)	4247	4252	20110721221948.611	20110721221949.693
IMG (150)	4257	4261	20110721221950.775	20110721221951.638
IMG (150)	4267	4270	20110721221953.150	20110721221954.017
Continued on next page				

Table 2 – continued from previous page

APID	Seq from	Seq to	Time from	Time to
IMG (150)	4272	4277	20110721221954.669	20110721221955.747
IMG (150)	4281	4286	20110721221956.611	20110721221957.693
IMG (150)	4290	4295	20110721221958.556	20110721221959.638
IMG (150)	4299	4304	20110721222000.501	20110721222002.017
IMG (150)	4305	4319	20110721222002.450	20110721222005.478
IMG (150)	4324	4329	20110721222006.556	20110721222007.638
IMG (150)	4333	4335	20110721222008.501	20110721222009.150
IMG (150)	4336	4338	20110721222009.368	20110721222010.017
IMG (150)	4339	4344	20110721222010.446	20110721222011.529
IMG (150)	4349	4353	20110721222012.611	20110721222013.474
IMG (150)	4358	4362	20110721222014.556	20110721222015.423
IMG (150)	4367	4369	20110721222016.501	20110721222017.150
IMG (150)	4370	4373	20110721222017.368	20110721222018.450
IMG (150)	4373	4378	20110721222018.450	20110721222019.528
IMG (150)	4382	4387	20110721222020.392	20110721222021.474
IMG (150)	4391	4396	20110721222022.341	20110721222023.419
IMG (150)	4401	4403	20110721222024.501	20110721222025.150
IMG (150)	4405	4407	20110721222025.798	20110721222026.446
IMG (150)	4407	4412	20110721222026.446	20110721222027.528
IMG (150)	4416	4421	20110721222028.396	20110721222029.474
IMG (150)	4425	4430	20110721222030.341	20110721222031.423
IMG (150)	4434	4437	20110721222032.286	20110721222033.150
IMG (150)	4439	4441	20110721222033.798	20110721222034.446
IMG (150)	4441	4445	20110721222034.446	20110721222035.314
IMG (150)	4450	4454	20110721222036.392	20110721222037.259
IMG (150)	4459	4464	20110721222038.341	20110721222039.419
IMG (150)	4468	4471	20110721222040.286	20110721222041.150
IMG (150)	4473	4479	20110721222041.798	20110721222043.314
IMG (150)	4484	4488	20110721222044.396	20110721222045.259
IMG (150)	4493	4497	20110721222046.341	20110721222047.204
IMG (150)	4502	4505	20110721222048.286	20110721222049.150
IMG (150)	4507	4513	20110721222049.798	20110721222051.314
IMG (150)	4518	4522	20110721222052.392	20110721222053.259
IMG (150)	4527	4531	20110721222054.341	20110721222055.204
IMG (150)	4535	4539	20110721222056.067	20110721222057.149
IMG (150)	4541	4547	20110721222057.798	20110721222059.310
IMG (150)	4551	4556	20110721222100.177	20110721222101.259
IMG (150)	4560	4565	20110721222102.122	20110721222103.204
IMG (150)	4569	4573	20110721222104.067	20110721222105.149
IMG (150)	4575	4580	20110721222105.798	20110721222107.095
IMG (150)	4585	4589	20110721222108.177	20110721222109.040
IMG (150)	4594	4599	20110721222110.122	20110721222111.204
IMG (150)	4603	4607	20110721222112.067	20110721222113.149
IMG (150)	4609	4614	20110721222113.798	20110721222115.095
IMG (150)	4619	4623	20110721222116.177	20110721222117.040
IMG (150)	4628	4632	20110721222118.122	20110721222118.989
IMG (150)	4637	4641	20110721222120.067	20110721222121.149
IMG (150)	4643	4648	20110721222121.798	20110721222123.095
IMG (150)	4652	4657	20110721222123.958	20110721222125.040
IMG (150)	4662	4666	20110721222126.122	20110721222126.985
IMG (150)	4671	4675	20110721222128.067	20110721222129.149
IMG (150)	4677	4681	20110721222129.798	20110721222130.880
IMG (150)	4686	4691	20110721222131.962	20110721222133.040
Continued on next page				

Table 2 – continued from previous page

APID	Seq from	Seq to	Time from	Time to
IMG (150)	4695	4700	20110721222133.903	20110721222134.985
IMG (150)	4704	4709	20110721222135.853	20110721222137.149
IMG (150)	4711	4715	20110721222137.798	20110721222138.880
IMG (150)	4720	4724	20110721222139.958	20110721222140.825
IMG (150)	4729	4733	20110721222141.907	20110721222142.770
IMG (150)	4738	4743	20110721222143.852	20110721222145.149
IMG (150)	4745	4749	20110721222145.798	20110721222146.876
IMG (150)	4754	4758	20110721222147.958	20110721222148.825
IMG (150)	4763	4767	20110721222149.903	20110721222150.770
IMG (150)	4772	4776	20110721222151.852	20110721222152.716
IMG (150)	4779	4783	20110721222153.798	20110721222154.880
IMG (150)	4787	4792	20110721222155.743	20110721222156.825
IMG (150)	4796	4801	20110721222157.688	20110721222158.770
IMG (150)	4805	4810	20110721222159.634	20110721222200.716
IMG (150)	4813	4816	20110721222201.798	20110721222202.661
IMG (150)	4821	4826	20110721222203.743	20110721222204.825
IMG (150)	4830	4835	20110721222205.688	20110721222206.770
IMG (150)	4839	4844	20110721222207.634	20110721222208.716
IMG (150)	4847	4850	20110721222209.798	20110721222210.661
IMG (150)	4855	4859	20110721222211.743	20110721222212.606
IMG (150)	4864	4868	20110721222213.688	20110721222214.552
IMG (150)	4873	4877	20110721222215.634	20110721222216.501
IMG (150)	4881	4884	20110721222217.798	20110721222218.661
IMG (150)	6794	599	20110721222947.945	20110721230945.142
VER (160)	12173	12175	20110721131200.805	20110721131206.434
VER (160)	16295	41	20110721221856.720	20110721222224.716
VER (160)	320	1821	20110721222944.703	20110721230952.713
AUX (180)	6534	6536	20110721221849.154	20110721221905.154
AUX (180)	6536	6538	20110721221905.154	20110721221921.154
AUX (180)	6539	6541	20110721221929.154	20110721221945.154
AUX (180)	6542	6544	20110721221953.150	20110721222009.150
AUX (180)	6616	6916	20110721222945.136	20110721230945.142

Table 2: L0 data gaps

3 Instrument modes

Time	Transition from	Transition to
21/07/2011 00:00:12	-	Normal operation

Table 3: Instrument modes

4 L0 and L1 Data Quality

Flag	Value	Action
L0 IASI PDUs	468	-
L1 ENG PDUs	466	-
L1 ENG distinct GEPSGranule	467	-
GQisFlagQual set (PX1)	99.24 %	-
GQisFlagQual set (PX2)	99.09 %	-
GQisFlagQual set (PX3)	99.16 %	-
GQisFlagQual set (PX4)	99.28 %	-
GQisFlagQual set (all)	99.19 %	-

Table 4: Quality flags

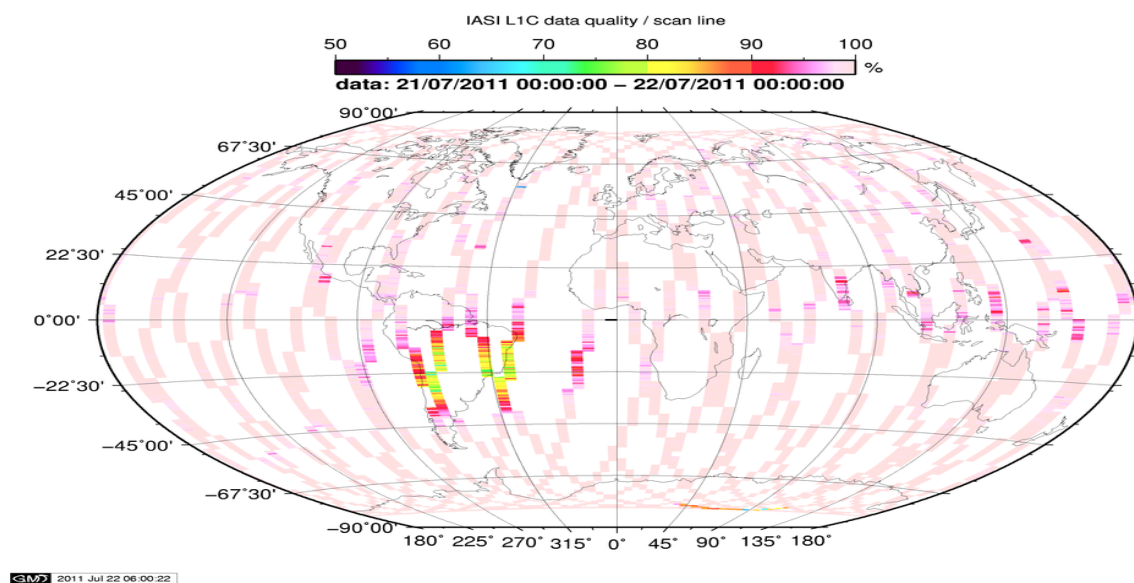


Figure 1: L1C data quality

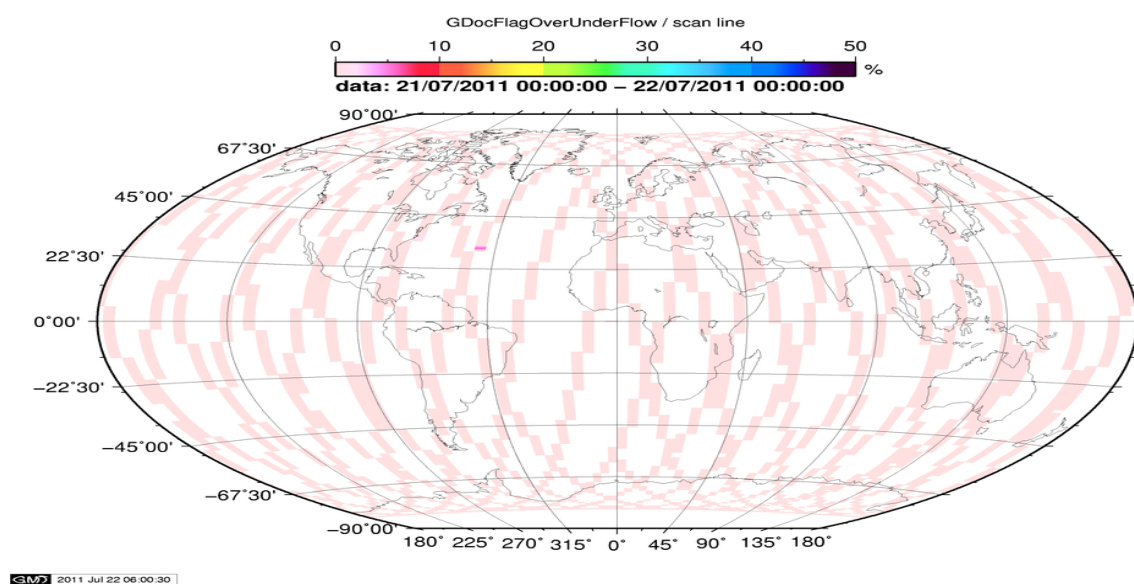


Figure 2: Flag of Over and Under Flows

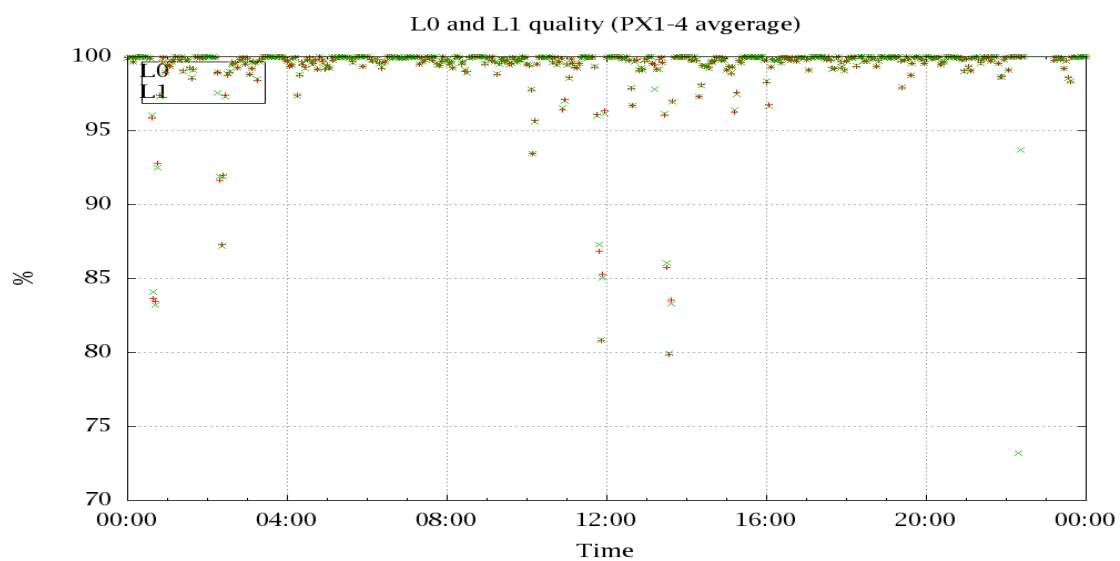


Figure 3: Level 0 and 1C overall quality

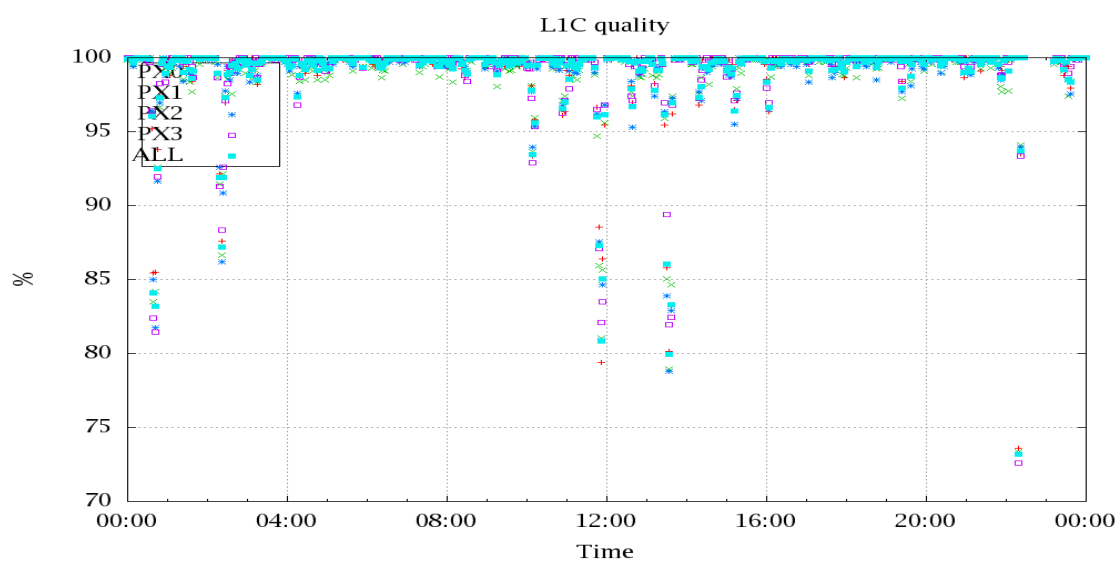


Figure 4: Level 1C quality

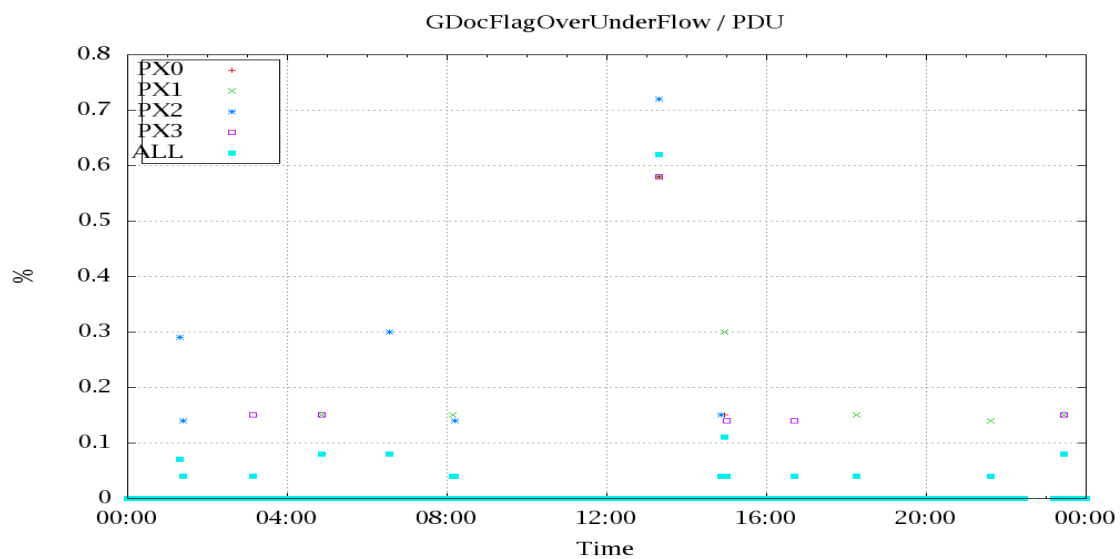


Figure 5: OverUnderFlowFlag timeseries

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.

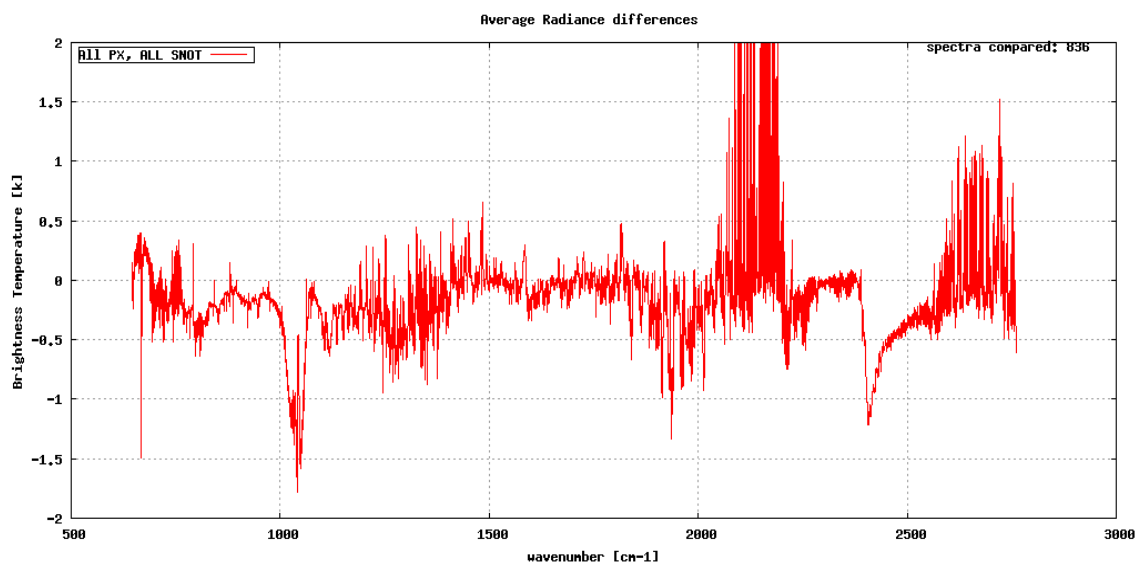


Figure 6: Average Radiance differences: OBS-CAL

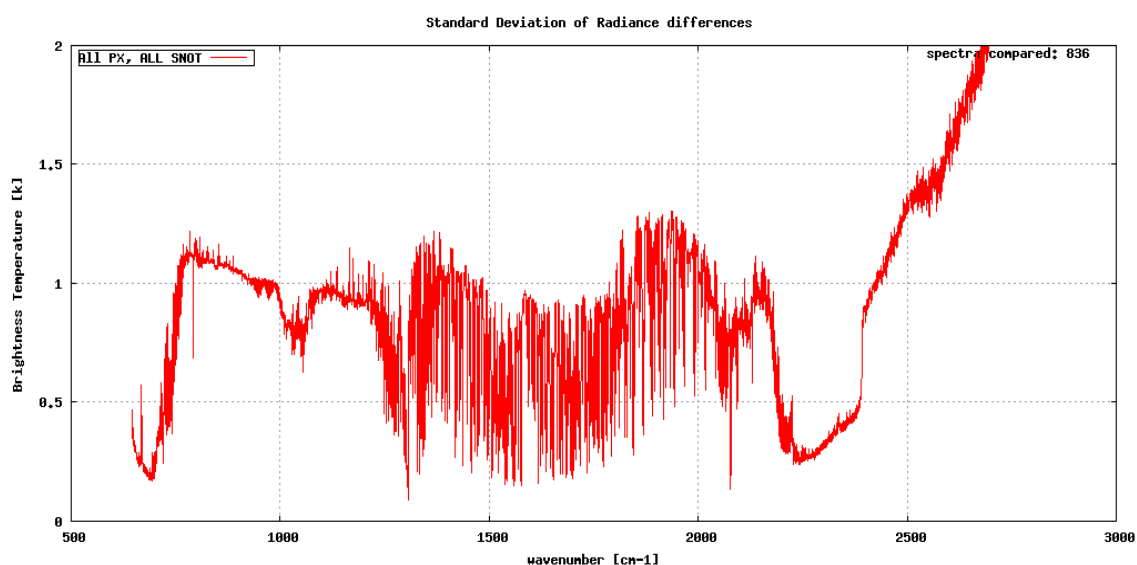


Figure 7: Standard Deviation of Radiance differences

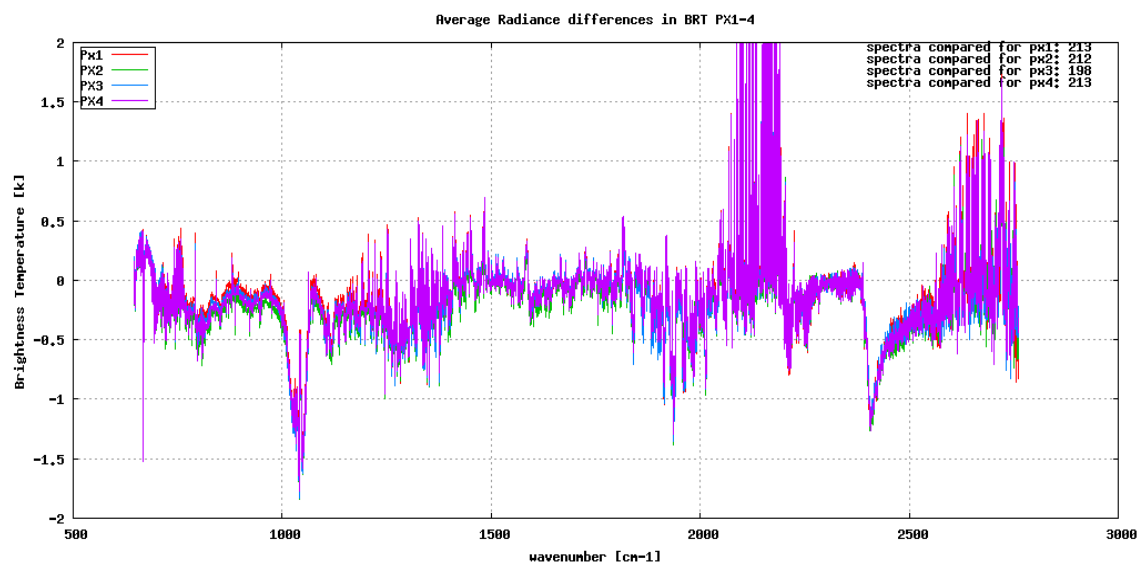


Figure 8: Average Radiance differences: OBS-CAL

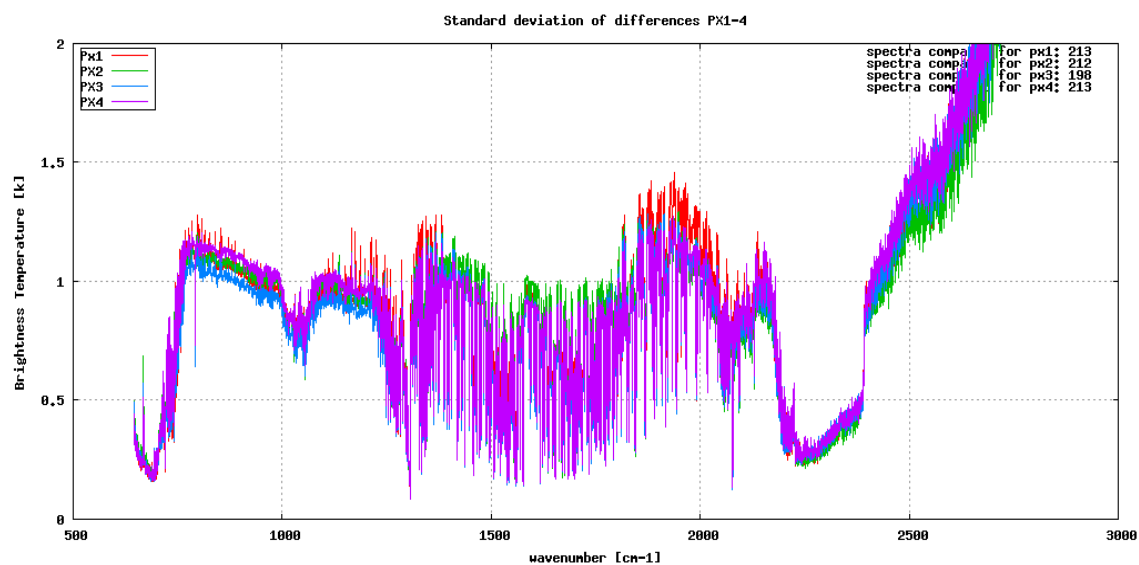


Figure 9: Standard Deviation of Radiance differences

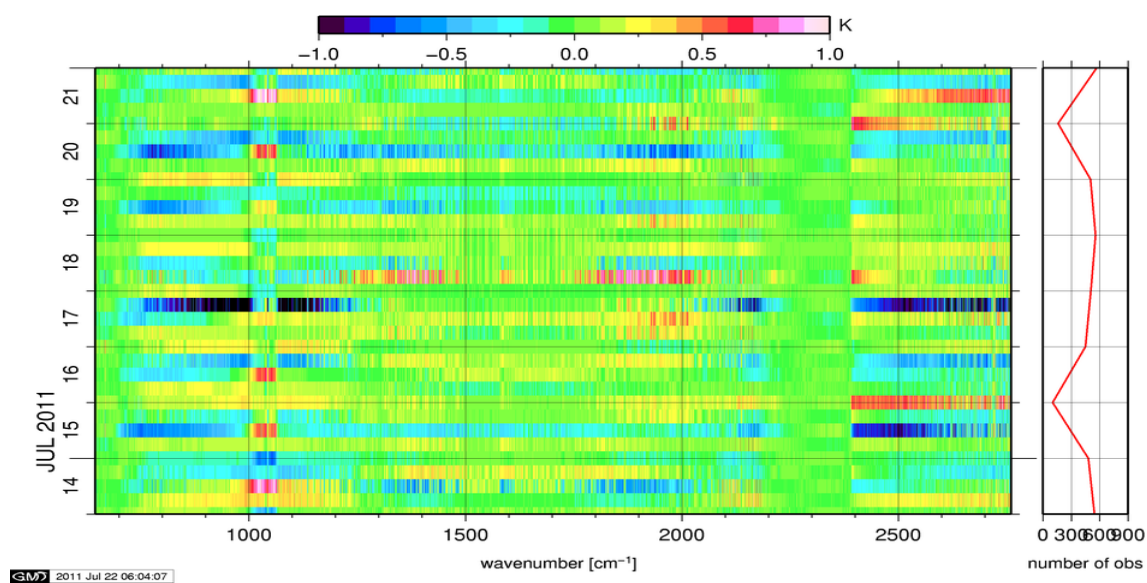


Figure 10: Radiance Anomaly in BRT: All Channels

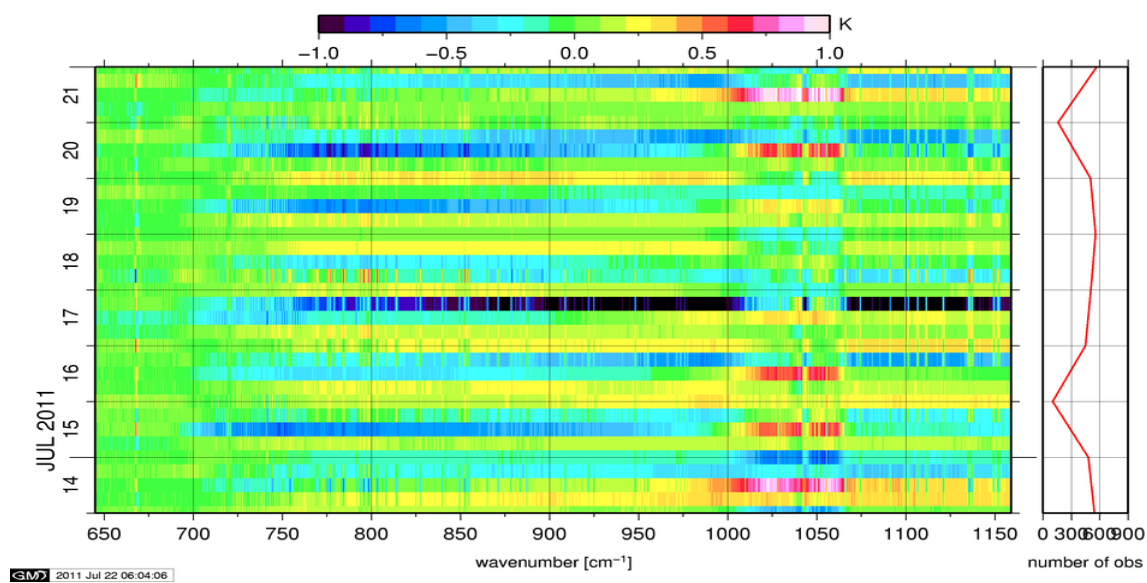


Figure 11: Radiance Anomaly in BRT: IASI Band 1

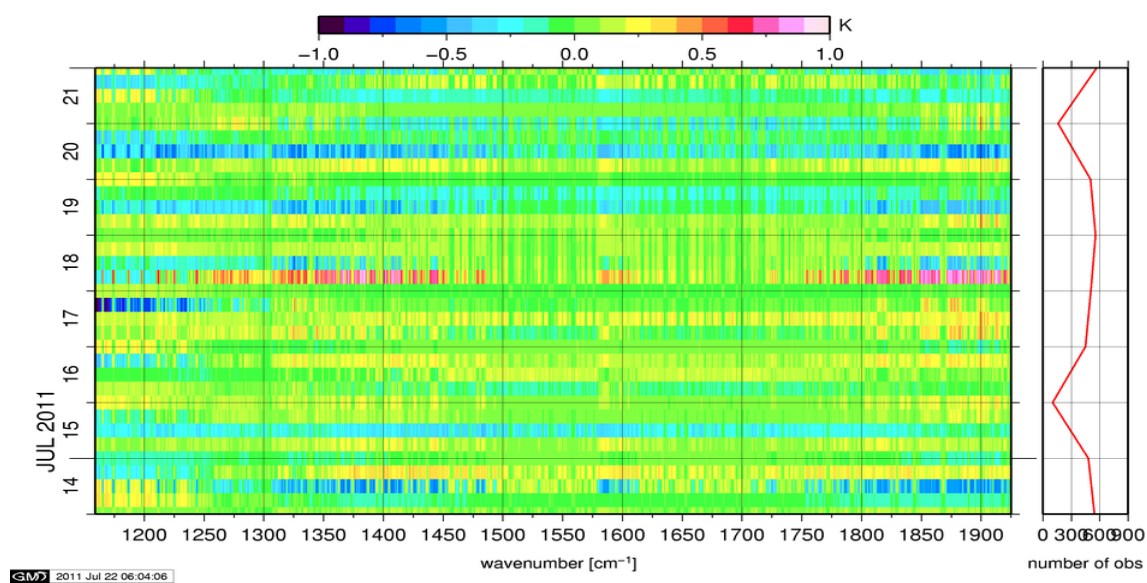


Figure 12: Radiance Anomaly in BRT: IASI Band 2

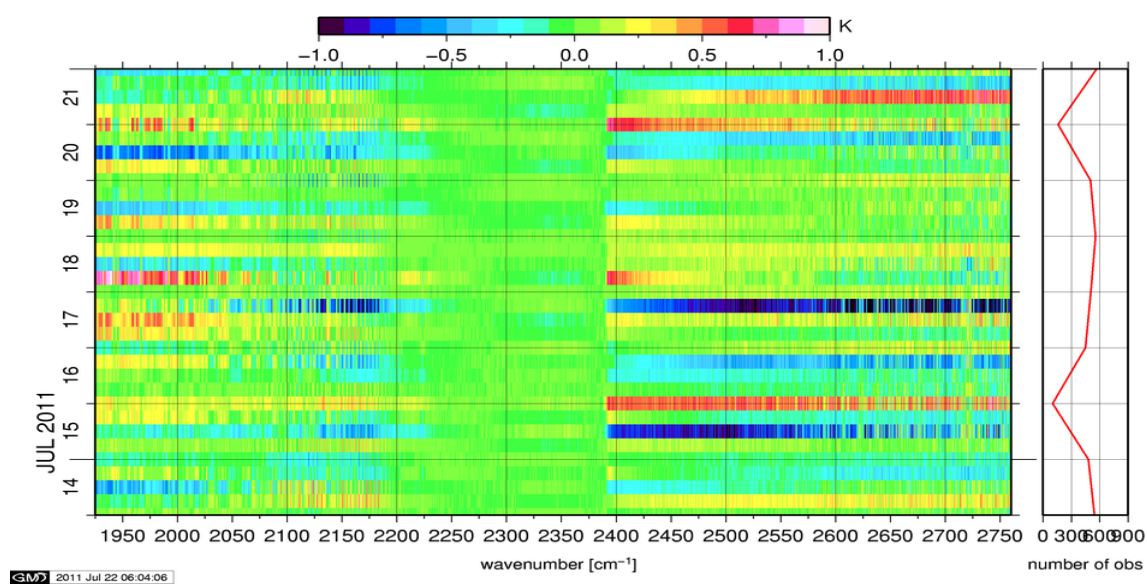


Figure 13: Radiance Anomaly in BRT: IASI Band 3

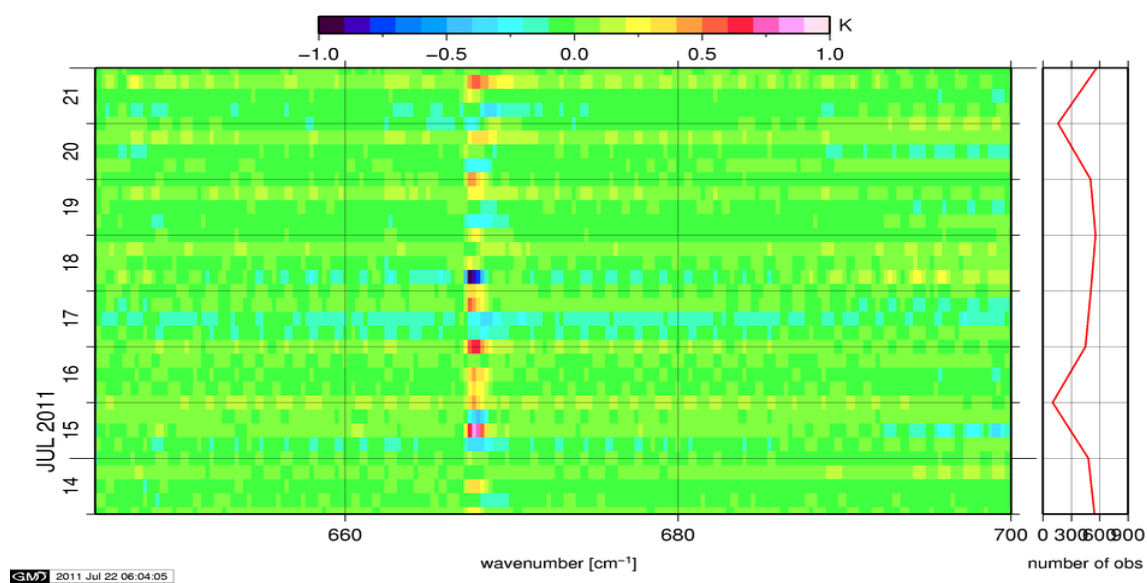


Figure 14: Radiance Anomaly in BRT: CO2 14

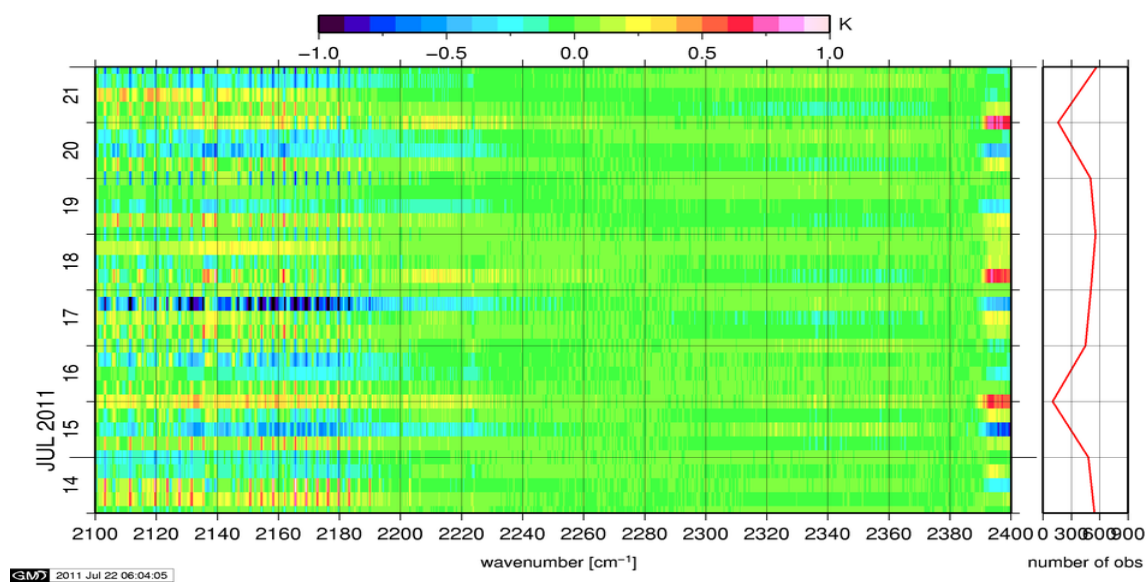


Figure 15: Radiance Anomaly in BRT: CO2 4.3

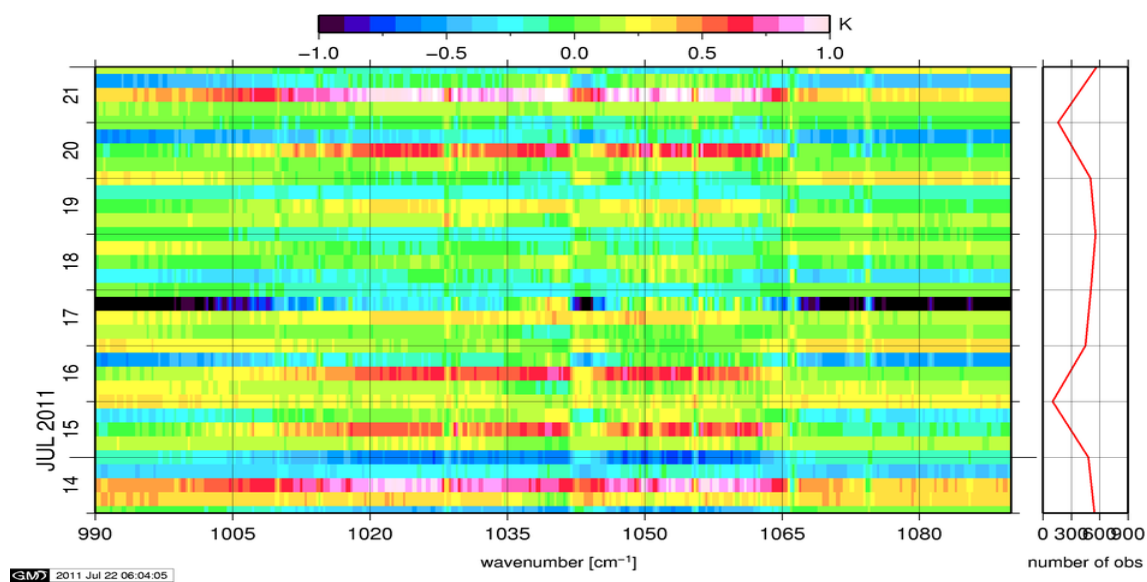


Figure 16: Radiance Anomaly in BRT: O3

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.

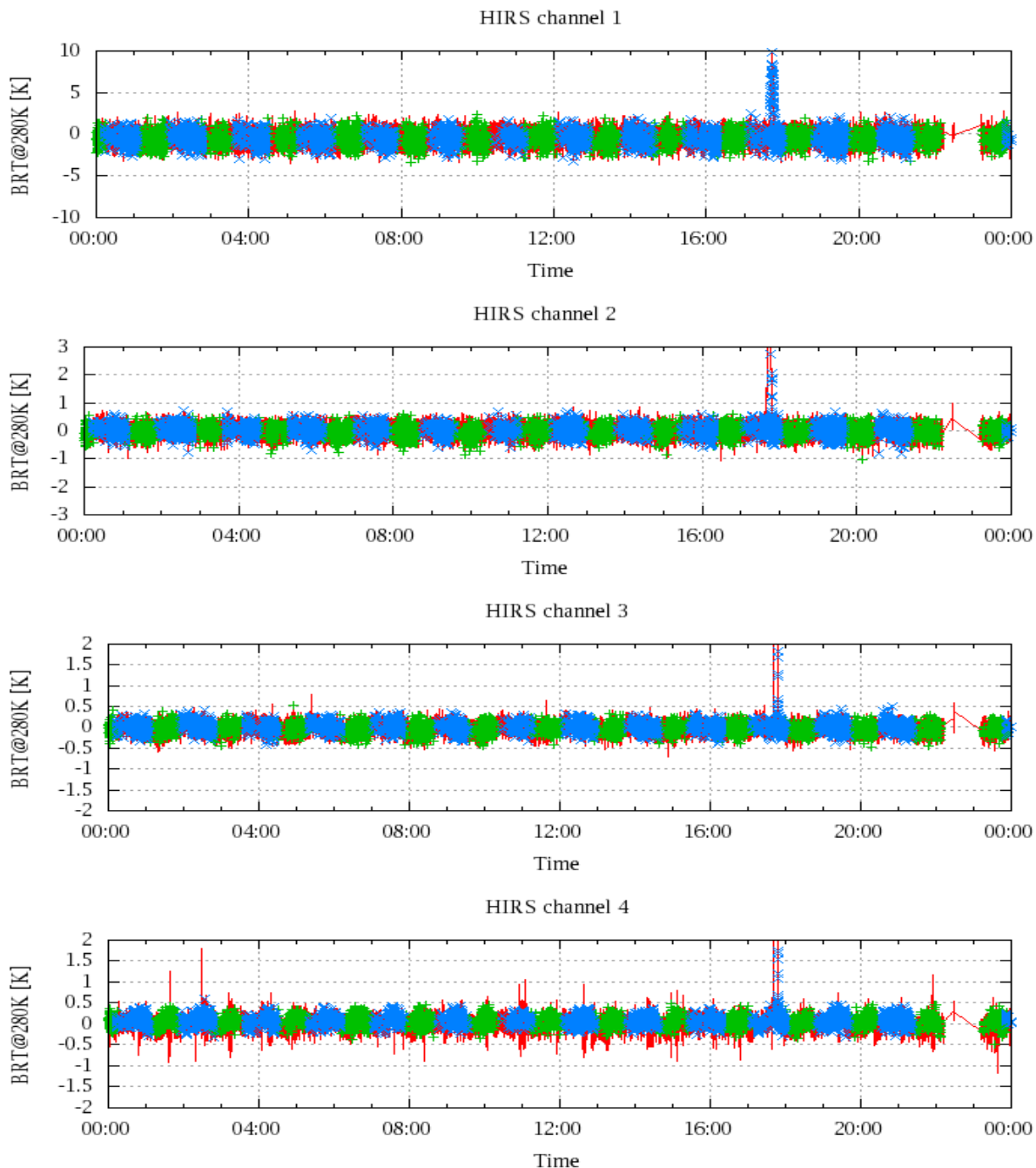


Figure 17: Radiance Differences in BRT

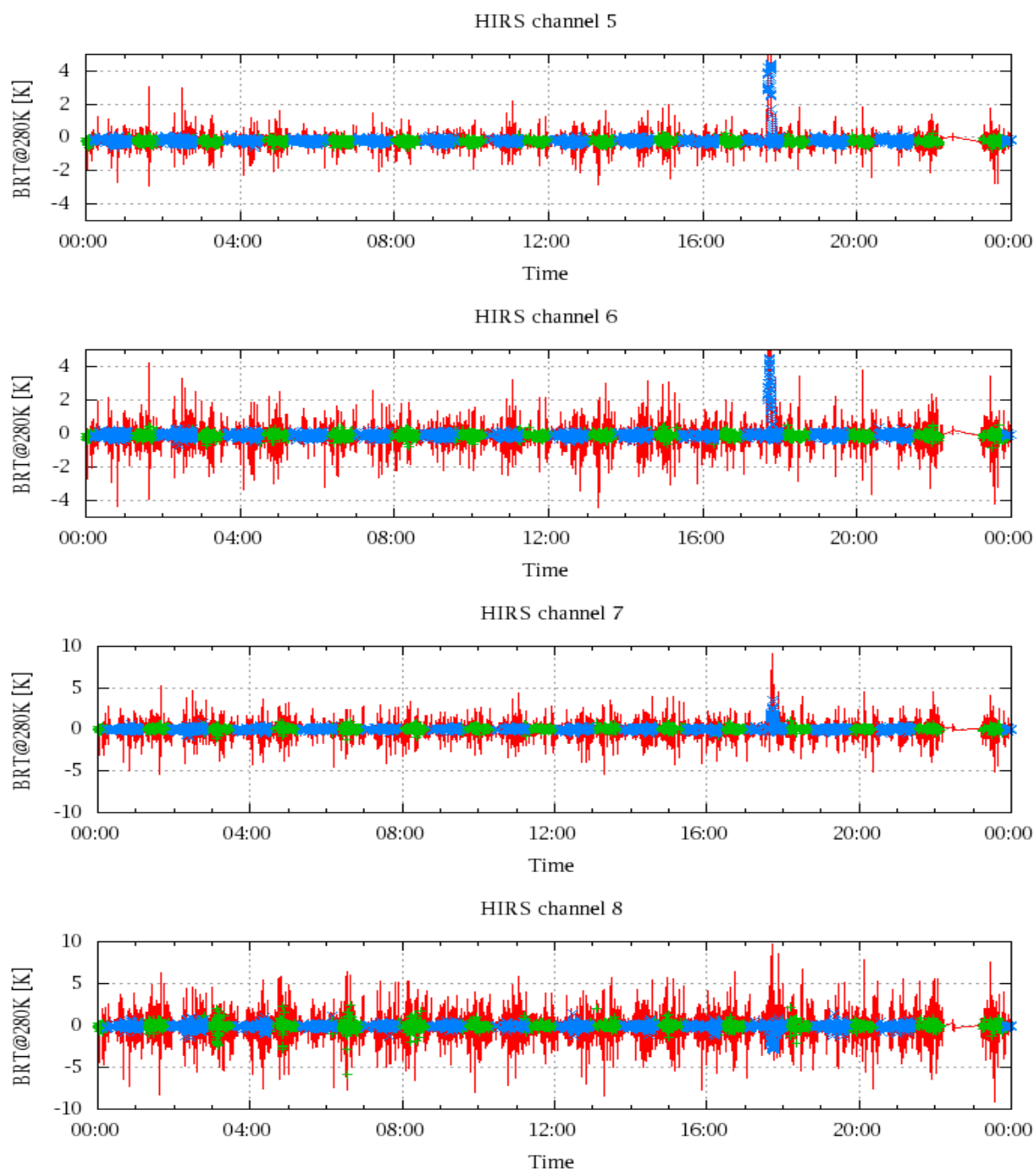


Figure 18: Radiance Differences in BRT

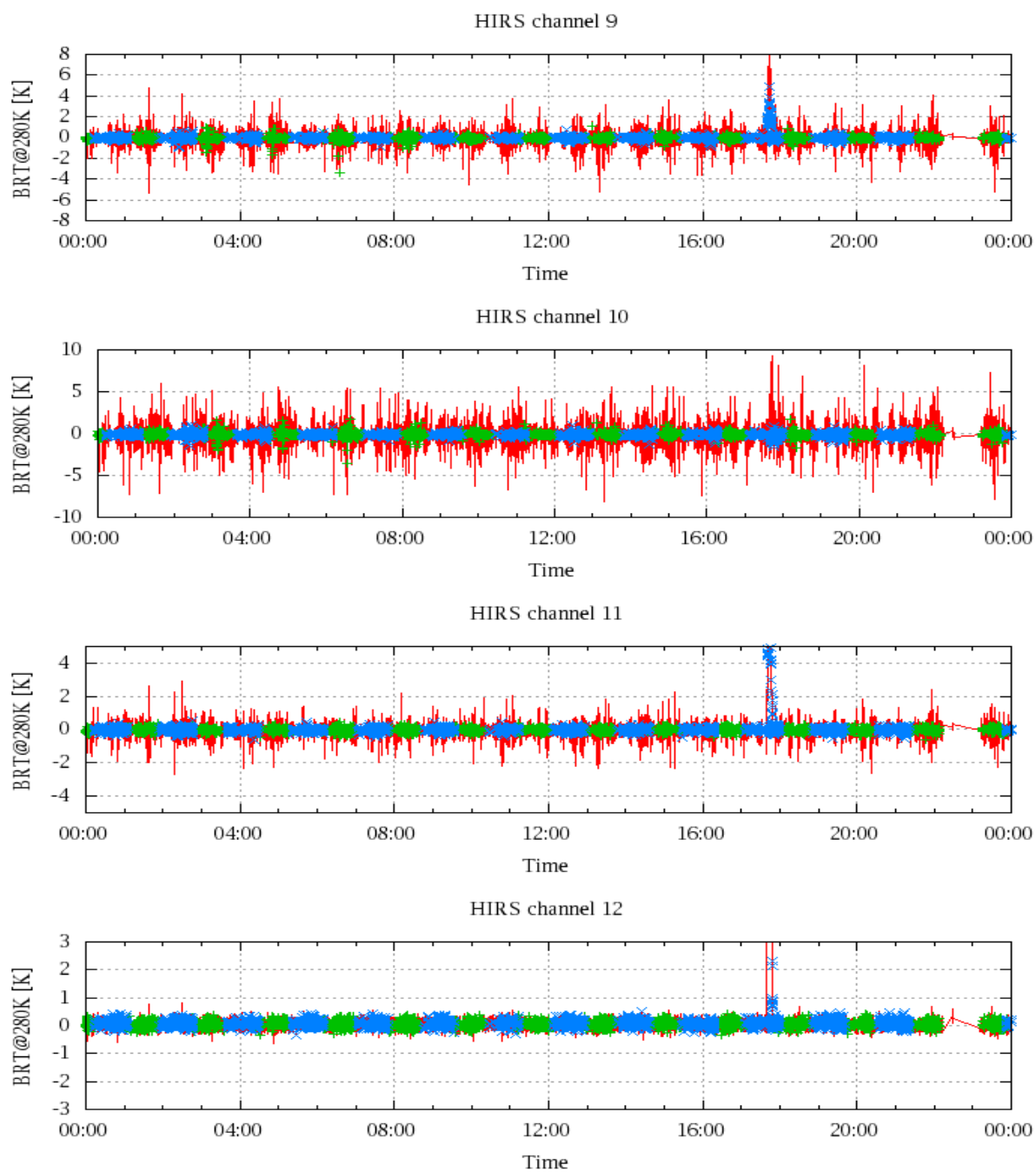


Figure 19: Radiance Differences in BRT

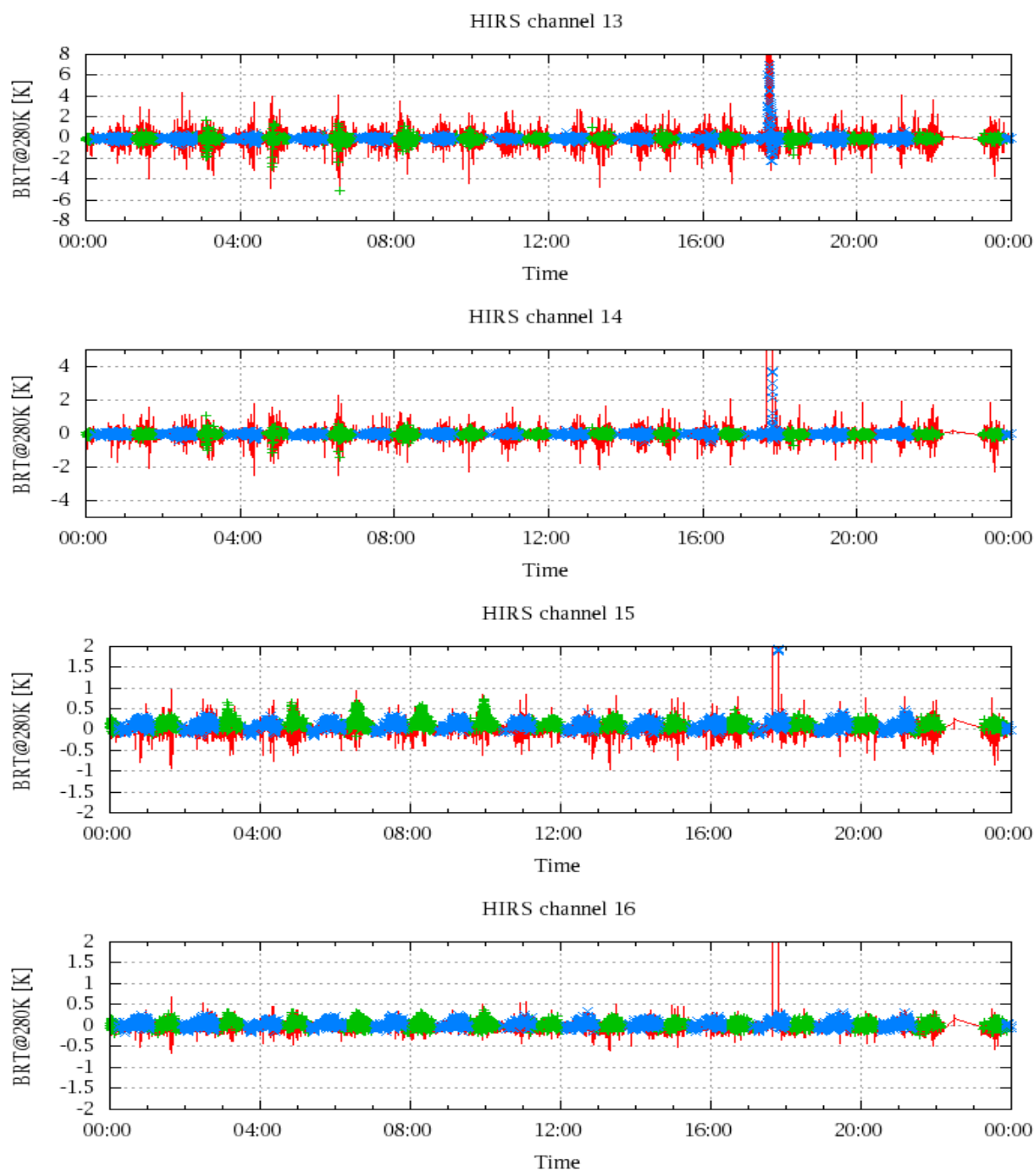


Figure 20: Radiance Differences in BRT

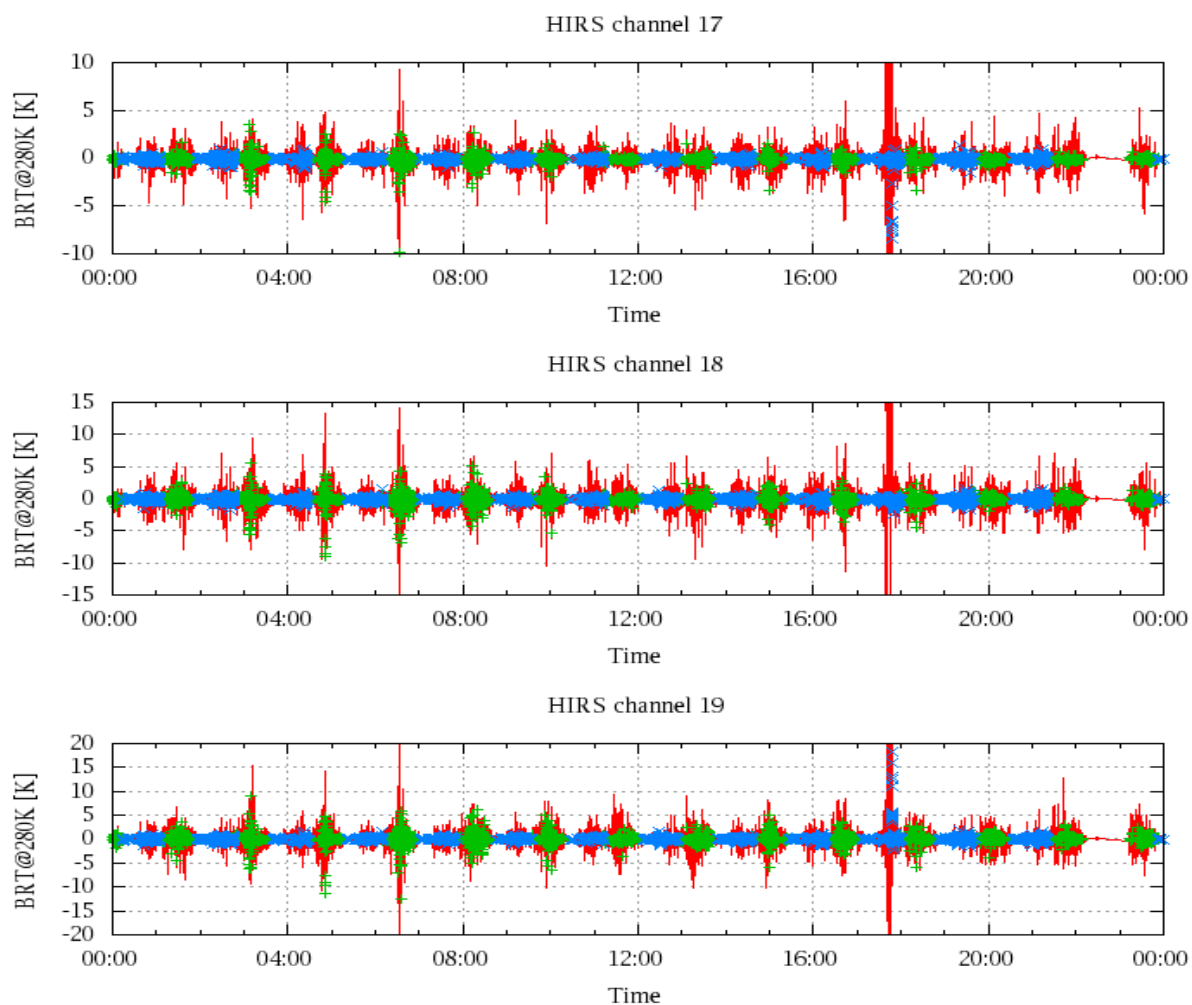


Figure 21: Radinace Differences in BRT