

IASI L0 and L1 Daily Monitoring Report

IASI monitoring team

27/03/2018 00:00:00 - 28/03/2018 00:00:00

1 Introduction

This report provides summary monitoring plots and figures from IASI instrument on the MetOp-B satellite retrieved from the IASI L0 and L1 ENG product (3 minute data packet) for 27/03/2018 00:00:00 - 28/03/2018 00:00:00 .

The monitoring data are extracted on PDU basis.

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

2 Data quantity 27/03/2018 00:00:00 - 28/03/2018 00:00:00

Product Type	Number	Action
L0 HKTM PDUs	481	-
L0 IASI PDUs	481	-
L1 ENG PDUs	480	-
L1 ENG distinct GEPSGranule	480	-
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)	16122	16124	20180327165026.346	20180327165026.780
PX1 (130)	16155	16157	20180327165034.995	20180327165035.428
PX1 (130)	16200	16202	20180327165046.241	20180327165046.670
PX1 (130)	16219	16221	20180327165051.862	20180327165052.292
PX1 (130)	16227	16229	20180327165053.592	20180327165054.022
PX1 (130)	16279	16281	20180327165107.862	20180327165108.292
PX1 (130)	16281	16283	20180327165108.292	20180327165108.725
PX1 (130)	16344	16346	20180327165124.940	20180327165125.374
PX1 (130)	16350	16352	20180327165126.237	20180327165126.670
PX1 (130)	9	11	20180327165138.561	20180327165138.995
PX1 (130)	11	13	20180327165138.995	20180327165139.428
PX1 (130)	23	25	20180327165141.588	20180327165142.022
PX1 (130)	26	28	20180327165142.237	20180327165142.670
PX1 (130)	38	40	20180327165146.346	20180327165146.780
PX1 (130)	40	42	20180327165146.780	20180327165147.209
PX1 (130)	44	46	20180327165147.643	20180327165148.077
PX1 (130)	67	69	20180327165154.127	20180327165154.561
PX1 (130)	71	73	20180327165154.995	20180327165155.428

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APID	Seq from	Seq to	Time from	Time to
PX1 (130)	81	83	20180327165157.155	20180327165157.588
PX1 (130)	115	117	20180327165206.018	20180327165206.452
PX1 (130)	253	255	20180327165243.424	20180327165243.858
PX1 (130)	270	272	20180327165247.100	20180327165247.534
PX1 (130)	293	295	20180327165253.584	20180327165254.018
PX1 (130)	314	316	20180327165259.639	20180327165300.073
PX1 (130)	348	350	20180327165308.506	20180327165308.940
PX1 (130)	365	367	20180327165313.694	20180327165314.127
PX1 (130)	383	385	20180327165317.588	20180327165318.018
PX1 (130)	395	397	20180327165321.694	20180327165322.127
PX1 (130)	400	402	20180327165322.776	20180327165323.209
PX1 (130)	435	437	20180327165331.858	20180327165332.287
PX1 (130)	441	443	20180327165333.155	20180327165333.584
PX1 (130)	448	450	20180327165334.666	20180327165335.100
PX1 (130)	518	520	20180327165354.342	20180327165354.776
PX1 (130)	534	536	20180327165357.803	20180327165358.233
PX1 (130)	551	553	20180327165402.990	20180327165403.424
PX1 (130)	558	560	20180327165404.502	20180327165404.936
PX1 (130)	584	586	20180327165411.639	20180327165412.072
PX1 (130)	587	589	20180327165412.287	20180327165412.717
PX1 (130)	595	597	20180327165414.018	20180327165414.447
PX1 (130)	602	604	20180327165415.530	20180327165417.475
PX1 (130)	604	606	20180327165417.475	20180327165417.908
PX1 (130)	613	615	20180327165419.424	20180327165419.854
PX1 (130)	621	623	20180327165421.151	20180327165421.584
PX1 (130)	627	629	20180327165422.451	20180327165422.881
PX1 (130)	692	695	20180327165439.529	20180327165441.690
PX1 (130)	711	713	20180327165445.151	20180327165445.584
PX1 (130)	744	746	20180327165453.799	20180327165454.233
PX1 (130)	749	751	20180327165454.881	20180327165455.315
PX1 (130)	766	768	20180327165500.069	20180327165500.502
PX1 (130)	785	787	20180327165505.690	20180327165506.123
PX1 (130)	790	792	20180327165506.772	20180327165507.205
PX1 (130)	816	818	20180327165513.908	20180327165514.338
PX1 (130)	820	822	20180327165514.772	20180327165515.205
PX1 (130)	845	847	20180327165521.690	20180327165522.123
PX1 (130)	876	878	20180327165529.908	20180327165530.338
PX1 (130)	924	926	20180327165541.799	20180327165542.229
PX1 (130)	934	936	20180327165545.475	20180327165545.908
PX1 (130)	942	944	20180327165547.205	20180327165547.635
PX1 (130)	945	947	20180327165547.854	20180327165548.283
PX1 (130)	986	988	20180327165558.229	20180327165558.662
PX1 (130)	994	996	20180327165601.475	20180327165601.904
PX1 (130)	999	1001	20180327165602.553	20180327165602.986
PX1 (130)	1006	1008	20180327165604.068	20180327165604.502
PX1 (130)	1037	1039	20180327165612.283	20180327165612.717
PX1 (130)	1067	1069	20180327165620.283	20180327165620.717
PX1 (130)	1121	1123	20180327165634.986	20180327165635.416
PX1 (130)	1131	1133	20180327165637.146	20180327165637.580
PX1 (130)	1134	1136	20180327165637.795	20180327165638.229
PX1 (130)	1137	1139	20180327165638.443	20180327165638.877
PX1 (130)	1144	1146	20180327165641.471	20180327165641.904
PX1 (130)	1147	1149	20180327165642.119	20180327165642.553

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APID	Seq from	Seq to	Time from	Time to
PX1 (130)	1152	1154	20180327165643.201	20180327165643.635
PX1 (130)	1154	1156	20180327165643.635	20180327165644.064
PX1 (130)	1159	1161	20180327165644.717	20180327165645.146
PX1 (130)	1164	1166	20180327165645.795	20180327165646.229
PX1 (130)	1174	1176	20180327165649.471	20180327165649.904
PX1 (130)	1191	1193	20180327165653.146	20180327165653.580
PX1 (130)	1198	1200	20180327165654.662	20180327165655.092
PX1 (130)	1200	1202	20180327165655.092	20180327165655.525
PX1 (130)	1203	1205	20180327165655.740	20180327165657.689
PX1 (130)	1226	1228	20180327165702.228	20180327165702.658
PX1 (130)	1229	1231	20180327165702.877	20180327165703.311
PX1 (130)	1240	1242	20180327165706.768	20180327165707.201
PX1 (130)	1244	1246	20180327165707.635	20180327165708.064
PX1 (130)	1249	1251	20180327165708.713	20180327165709.146
PX1 (130)	1264	1266	20180327165713.471	20180327165713.904
PX1 (130)	1314	1317	20180327165725.795	20180327165726.443
PX1 (130)	1385	1387	20180327165745.685	20180327165746.119
PX1 (130)	1388	1390	20180327165746.334	20180327165746.767
PX1 (130)	1391	1393	20180327165746.982	20180327165747.416
PX1 (130)	1446	1448	20180327165801.900	20180327165802.334
PX1 (130)	1481	1483	20180327165810.982	20180327165811.416
PX1 (130)	1496	1498	20180327165814.224	20180327165814.658
PX1 (130)	1527	1529	20180327165822.443	20180327165822.873
PX1 (130)	1544	1546	20180327165827.631	20180327165828.064
PX1 (130)	1566	1568	20180327165833.900	20180327165834.334
PX1 (130)	1716	1718	20180327165913.900	20180327165914.334
PX1 (130)	1737	1739	20180327165918.439	20180327165918.873
PX1 (130)	1780	1782	20180327165930.763	20180327165931.197
PX1 (130)	1886	1888	20180327165958.224	20180327165958.654
PX1 (130)	1901	1903	20180327170002.978	20180327170003.412
PX1 (130)	1915	1917	20180327170006.006	20180327170006.439
PX1 (130)	1920	1922	20180327170007.088	20180327170007.521
PX1 (130)	1931	1933	20180327170010.978	20180327170011.412
PX1 (130)	1959	1961	20180327170018.545	20180327170018.978
PX1 (130)	1982	1984	20180327170023.521	20180327170025.466
PX1 (130)	1997	1999	20180327170028.275	20180327170028.709
PX1 (130)	2062	2064	20180327170045.357	20180327170045.787
PX1 (130)	2075	2077	20180327170049.681	20180327170050.111
PX1 (130)	2083	2086	20180327170051.412	20180327170052.060
PX1 (130)	2096	2098	20180327170054.220	20180327170054.654
PX1 (130)	2215	2217	20180327170126.005	20180327170126.439
PX1 (130)	2234	2236	20180327170131.627	20180327170132.056
PX1 (130)	2248	2250	20180327170134.654	20180327170135.084
PX1 (130)	2315	2317	20180327170153.677	20180327170154.111
PX1 (130)	2393	2396	20180327170213.572	20180327170214.220
PX1 (130)	2411	2413	20180327170218.978	20180327170219.408
PX1 (130)	2434	2436	20180327170225.462	20180327170225.896
PX1 (130)	2742	2744	20180327170347.189	20180327170347.622
PX1 (130)	2946	2948	20180327170441.892	20180327170442.322
PX1 (130)	3006	3008	20180327170457.888	20180327170458.322
PX1 (130)	3027	3029	20180327170502.431	20180327170502.864
PX1 (130)	3050	3052	20180327170508.919	20180327170509.349
PX1 (130)	3052	3054	20180327170509.349	20180327170509.782

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APID	Seq from	Seq to	Time from	Time to
PX1 (130)	3056	3058	20180327170510.216	20180327170510.646
PX1 (130)	3082	3084	20180327170517.349	20180327170517.782
PX1 (130)	3121	3123	20180327170527.294	20180327170527.728
PX1 (130)	3129	3131	20180327170530.536	20180327170530.970
PX1 (130)	3153	3155	20180327170535.728	20180327170537.673
PX1 (130)	3158	3160	20180327170538.321	20180327170538.755
PX1 (130)	3176	3178	20180327170542.212	20180327170542.646
PX1 (130)	3187	3189	20180327170546.107	20180327170546.536
PX1 (130)	3194	3196	20180327170547.618	20180327170548.052
PX1 (130)	3198	3200	20180327170548.482	20180327170548.915
PX1 (130)	3203	3205	20180327170549.564	20180327170549.997
PX1 (130)	3243	3245	20180327170559.724	20180327170601.673
PX1 (130)	3247	3249	20180327170602.107	20180327170602.536
PX1 (130)	3256	3258	20180327170604.048	20180327170604.482
PX1 (130)	3277	3279	20180327170610.103	20180327170610.536
PX1 (130)	3285	3287	20180327170611.833	20180327170612.267
PX1 (130)	3306	3308	20180327170617.888	20180327170618.321
PX2 (135)	16067	16069	20180327165011.428	20180327165011.862
PX2 (135)	16082	16084	20180327165014.674	20180327165015.104
PX2 (135)	16085	16087	20180327165015.319	20180327165015.753
PX2 (135)	16116	16118	20180327165023.538	20180327165025.483
PX2 (135)	16143	16145	20180327165030.889	20180327165031.319
PX2 (135)	16189	16194	20180327165043.862	20180327165044.944
PX2 (135)	16205	16207	20180327165047.319	20180327165047.752
PX2 (135)	16285	16287	20180327165109.159	20180327165109.588
PX2 (135)	16344	16346	20180327165124.940	20180327165125.374
PX2 (135)	38	40	20180327165146.346	20180327165146.780
PX2 (135)	51	53	20180327165149.155	20180327165149.588
PX2 (135)	184	186	20180327165225.479	20180327165225.913
PX2 (135)	191	193	20180327165226.995	20180327165227.424
PX2 (135)	253	255	20180327165243.424	20180327165243.858
PX2 (135)	260	262	20180327165244.940	20180327165245.370
PX2 (135)	270	272	20180327165247.100	20180327165247.534
PX2 (135)	293	295	20180327165253.584	20180327165254.018
PX2 (135)	324	326	20180327165301.803	20180327165302.233
PX2 (135)	360	362	20180327165311.100	20180327165311.534
PX2 (135)	388	390	20180327165318.666	20180327165319.100
PX2 (135)	399	401	20180327165322.557	20180327165322.991
PX2 (135)	431	433	20180327165330.991	20180327165331.424
PX2 (135)	448	450	20180327165334.666	20180327165335.100
PX2 (135)	452	454	20180327165335.530	20180327165337.479
PX2 (135)	466	468	20180327165340.073	20180327165340.506
PX2 (135)	480	482	20180327165343.100	20180327165343.533
PX2 (135)	492	494	20180327165347.205	20180327165347.639
PX2 (135)	494	497	20180327165347.639	20180327165348.287
PX2 (135)	498	500	20180327165348.502	20180327165348.936
PX2 (135)	510	513	20180327165351.096	20180327165351.748
PX2 (135)	538	540	20180327165358.666	20180327165359.100
PX2 (135)	546	548	20180327165401.908	20180327165402.342
PX2 (135)	551	553	20180327165402.990	20180327165403.424
PX2 (135)	580	582	20180327165410.776	20180327165411.205
PX2 (135)	590	592	20180327165412.936	20180327165413.369
PX2 (135)	595	597	20180327165414.018	20180327165414.447
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APID	Seq from	Seq to	Time from	Time to
PX2 (135)	602	604	20180327165415.530	20180327165417.475
PX2 (135)	621	623	20180327165421.151	20180327165421.584
PX2 (135)	627	629	20180327165422.451	20180327165422.881
PX2 (135)	678	680	20180327165436.502	20180327165436.936
PX2 (135)	693	695	20180327165439.744	20180327165441.690
PX2 (135)	710	712	20180327165444.936	20180327165445.369
PX2 (135)	732	734	20180327165451.205	20180327165451.639
PX2 (135)	738	740	20180327165452.502	20180327165452.936
PX2 (135)	742	744	20180327165453.365	20180327165453.799
PX2 (135)	747	749	20180327165454.451	20180327165454.881
PX2 (135)	750	752	20180327165455.096	20180327165455.529
PX2 (135)	753	755	20180327165455.744	20180327165457.690
PX2 (135)	758	760	20180327165458.342	20180327165458.772
PX2 (135)	766	768	20180327165500.069	20180327165500.502
PX2 (135)	769	771	20180327165500.717	20180327165501.151
PX2 (135)	771	773	20180327165501.151	20180327165501.584
PX2 (135)	785	787	20180327165505.690	20180327165506.123
PX2 (135)	797	799	20180327165508.287	20180327165508.717
PX2 (135)	805	807	20180327165510.014	20180327165510.447
PX2 (135)	807	809	20180327165510.447	20180327165510.881
PX2 (135)	809	811	20180327165510.881	20180327165511.315
PX2 (135)	820	822	20180327165514.772	20180327165515.205
PX2 (135)	826	828	20180327165516.068	20180327165516.502
PX2 (135)	842	844	20180327165519.529	20180327165521.475
PX2 (135)	896	898	20180327165534.233	20180327165534.662
PX2 (135)	924	926	20180327165541.799	20180327165542.229
PX2 (135)	988	990	20180327165558.662	20180327165559.096
PX2 (135)	991	993	20180327165559.311	20180327165559.744
PX2 (135)	993	995	20180327165559.744	20180327165601.690
PX2 (135)	1014	1016	20180327165605.799	20180327165606.229
PX2 (135)	1032	1034	20180327165611.201	20180327165611.635
PX2 (135)	1050	1054	20180327165615.092	20180327165617.475
PX2 (135)	1056	1059	20180327165617.904	20180327165618.553
PX2 (135)	1104	1106	20180327165629.795	20180327165630.229
PX2 (135)	1118	1120	20180327165634.338	20180327165634.771
PX2 (135)	1121	1124	20180327165634.986	20180327165635.635
PX2 (135)	1125	1127	20180327165635.850	20180327165636.283
PX2 (135)	1128	1130	20180327165636.498	20180327165636.932
PX2 (135)	1135	1137	20180327165638.014	20180327165638.443
PX2 (135)	1145	1147	20180327165641.689	20180327165642.119
PX2 (135)	1147	1149	20180327165642.119	20180327165642.553
PX2 (135)	1150	1152	20180327165642.768	20180327165643.201
PX2 (135)	1164	1166	20180327165645.795	20180327165646.229
PX2 (135)	1188	1190	20180327165652.498	20180327165652.932
PX2 (135)	1208	1210	20180327165658.334	20180327165658.768
PX2 (135)	1216	1218	20180327165700.064	20180327165700.498
PX2 (135)	1222	1224	20180327165701.361	20180327165701.795
PX2 (135)	1248	1250	20180327165708.498	20180327165708.932
PX2 (135)	1253	1255	20180327165709.580	20180327165710.010
PX2 (135)	1263	1265	20180327165711.740	20180327165713.689
PX2 (135)	1270	1272	20180327165714.768	20180327165715.201
PX2 (135)	1318	1321	20180327165726.662	20180327165727.307
PX2 (135)	1365	1367	20180327165739.850	20180327165740.279

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APID	Seq from	Seq to	Time from	Time to
PX2 (135)	1376	1378	20180327165742.228	20180327165742.658
PX2 (135)	1394	1396	20180327165747.631	20180327165748.064
PX2 (135)	1402	1404	20180327165749.361	20180327165749.795
PX2 (135)	1472	1474	20180327165807.525	20180327165809.471
PX2 (135)	1527	1529	20180327165822.443	20180327165822.873
PX2 (135)	1543	1546	20180327165827.416	20180327165828.064
PX2 (135)	1566	1568	20180327165833.900	20180327165834.334
PX2 (135)	1654	1656	20180327165857.467	20180327165857.900
PX2 (135)	1716	1718	20180327165913.900	20180327165914.334
PX2 (135)	1734	1736	20180327165917.791	20180327165918.224
PX2 (135)	1737	1739	20180327165918.439	20180327165918.873
PX2 (135)	1780	1782	20180327165930.763	20180327165931.197
PX2 (135)	1822	1824	20180327165941.357	20180327165941.791
PX2 (135)	1862	1864	20180327165951.521	20180327165953.467
PX2 (135)	1869	1871	20180327165954.549	20180327165954.982
PX2 (135)	1909	1911	20180327170004.709	20180327170005.142
PX2 (135)	1919	1921	20180327170006.873	20180327170007.302
PX2 (135)	1931	1933	20180327170010.978	20180327170011.412
PX2 (135)	1951	1953	20180327170015.302	20180327170015.736
PX2 (135)	1955	1957	20180327170017.681	20180327170018.115
PX2 (135)	1962	1964	20180327170019.197	20180327170019.627
PX2 (135)	2005	2007	20180327170030.006	20180327170030.439
PX2 (135)	2075	2077	20180327170049.681	20180327170050.111
PX2 (135)	2179	2181	20180327170116.709	20180327170117.138
PX2 (135)	2243	2245	20180327170133.572	20180327170134.005
PX2 (135)	2258	2260	20180327170138.330	20180327170138.759
PX2 (135)	2306	2308	20180327170150.220	20180327170150.650
PX2 (135)	2392	2394	20180327170213.353	20180327170213.787
PX2 (135)	2481	2483	20180327170237.138	20180327170237.572
PX2 (135)	2483	2485	20180327170237.572	20180327170238.001
PX2 (135)	2485	2487	20180327170238.001	20180327170238.435
PX2 (135)	2591	2593	20180327170306.974	20180327170307.408
PX2 (135)	2742	2744	20180327170347.189	20180327170347.622
PX2 (135)	3006	3008	20180327170457.888	20180327170458.322
PX2 (135)	3018	3020	20180327170500.486	20180327170500.915
PX2 (135)	3023	3025	20180327170501.568	20180327170501.997
PX2 (135)	3027	3029	20180327170502.431	20180327170502.864
PX2 (135)	3038	3040	20180327170506.321	20180327170506.755
PX2 (135)	3043	3045	20180327170507.404	20180327170507.837
PX2 (135)	3072	3074	20180327170515.185	20180327170515.618
PX2 (135)	3087	3089	20180327170518.431	20180327170518.864
PX2 (135)	3101	3103	20180327170522.970	20180327170523.404
PX2 (135)	3103	3105	20180327170523.404	20180327170523.837
PX2 (135)	3117	3119	20180327170526.431	20180327170526.861
PX2 (135)	3120	3122	20180327170527.079	20180327170527.513
PX2 (135)	3128	3131	20180327170530.321	20180327170530.970
PX2 (135)	3145	3147	20180327170533.997	20180327170534.431
PX2 (135)	3153	3155	20180327170535.728	20180327170537.673
PX2 (135)	3162	3164	20180327170539.185	20180327170539.618
PX2 (135)	3176	3178	20180327170542.212	20180327170542.646
PX2 (135)	3181	3183	20180327170543.294	20180327170543.728
PX2 (135)	3185	3187	20180327170545.673	20180327170546.107
PX2 (135)	3238	3241	20180327170558.646	20180327170559.294
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APID	Seq from	Seq to	Time from	Time to
PX2 (135)	3258	3260	20180327170604.482	20180327170604.915
PX2 (135)	3262	3264	20180327170605.349	20180327170605.778
PX2 (135)	3280	3282	20180327170610.755	20180327170611.185
PX2 (135)	3282	3284	20180327170611.185	20180327170611.618
PX2 (135)	3292	3294	20180327170613.349	20180327170613.778
PX2 (135)	3302	3304	20180327170615.509	20180327170617.454
PX3 (140)	16085	16087	20180327165015.319	20180327165015.753
PX3 (140)	16103	16105	20180327165020.725	20180327165021.159
PX3 (140)	16148	16150	20180327165033.483	20180327165033.913
PX3 (140)	16158	16160	20180327165035.643	20180327165036.077
PX3 (140)	16165	16167	20180327165037.159	20180327165037.592
PX3 (140)	16173	16175	20180327165038.889	20180327165039.319
PX3 (140)	16188	16191	20180327165043.643	20180327165044.292
PX3 (140)	16216	16218	20180327165051.210	20180327165051.643
PX3 (140)	16276	16278	20180327165107.209	20180327165107.643
PX3 (140)	16278	16280	20180327165107.643	20180327165108.077
PX3 (140)	16284	16286	20180327165108.940	20180327165109.374
PX3 (140)	50	52	20180327165148.940	20180327165149.373
PX3 (140)	72	74	20180327165155.209	20180327165155.643
PX3 (140)	147	149	20180327165214.455	20180327165214.885
PX3 (140)	191	193	20180327165226.995	20180327165227.424
PX3 (140)	256	258	20180327165244.073	20180327165244.506
PX3 (140)	324	326	20180327165301.803	20180327165302.233
PX3 (140)	335	337	20180327165305.694	20180327165306.127
PX3 (140)	349	351	20180327165308.721	20180327165309.155
PX3 (140)	361	363	20180327165311.315	20180327165311.748
PX3 (140)	369	371	20180327165314.561	20180327165314.991
PX3 (140)	390	392	20180327165319.100	20180327165319.530
PX3 (140)	402	404	20180327165323.209	20180327165323.639
PX3 (140)	434	436	20180327165331.639	20180327165332.073
PX3 (140)	437	439	20180327165332.287	20180327165332.721
PX3 (140)	473	475	20180327165341.584	20180327165342.018
PX3 (140)	476	478	20180327165342.233	20180327165342.666
PX3 (140)	480	482	20180327165343.100	20180327165343.533
PX3 (140)	487	491	20180327165346.127	20180327165346.991
PX3 (140)	504	507	20180327165349.803	20180327165350.451
PX3 (140)	510	514	20180327165351.096	20180327165353.479
PX3 (140)	522	524	20180327165355.205	20180327165355.639
PX3 (140)	529	531	20180327165356.721	20180327165357.151
PX3 (140)	531	533	20180327165357.151	20180327165357.584
PX3 (140)	540	542	20180327165359.100	20180327165359.530
PX3 (140)	556	558	20180327165404.069	20180327165404.502
PX3 (140)	576	578	20180327165409.908	20180327165410.342
PX3 (140)	584	586	20180327165411.639	20180327165412.072
PX3 (140)	600	602	20180327165415.100	20180327165415.530
PX3 (140)	661	663	20180327165431.315	20180327165431.744
PX3 (140)	678	680	20180327165436.502	20180327165436.936
PX3 (140)	694	696	20180327165441.475	20180327165441.908
PX3 (140)	716	718	20180327165446.233	20180327165446.666
PX3 (140)	726	729	20180327165449.908	20180327165450.557
PX3 (140)	729	731	20180327165450.557	20180327165450.990
PX3 (140)	734	736	20180327165451.639	20180327165452.069
PX3 (140)	745	747	20180327165454.018	20180327165454.451
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APID	Seq from	Seq to	Time from	Time to
PX3 (140)	748	750	20180327165454.662	20180327165455.096
PX3 (140)	750	752	20180327165455.096	20180327165455.529
PX3 (140)	755	757	20180327165457.690	20180327165458.123
PX3 (140)	761	763	20180327165458.986	20180327165459.420
PX3 (140)	769	771	20180327165500.717	20180327165501.151
PX3 (140)	794	796	20180327165507.635	20180327165508.069
PX3 (140)	797	799	20180327165508.287	20180327165508.717
PX3 (140)	826	828	20180327165516.068	20180327165516.502
PX3 (140)	845	847	20180327165521.690	20180327165522.123
PX3 (140)	854	856	20180327165523.635	20180327165524.068
PX3 (140)	919	921	20180327165540.717	20180327165541.150
PX3 (140)	931	933	20180327165543.311	20180327165543.744
PX3 (140)	986	988	20180327165558.229	20180327165558.662
PX3 (140)	991	993	20180327165559.311	20180327165559.744
PX3 (140)	1001	1003	20180327165602.986	20180327165603.420
PX3 (140)	1005	1008	20180327165603.850	20180327165604.502
PX3 (140)	1014	1016	20180327165605.799	20180327165606.229
PX3 (140)	1026	1028	20180327165609.904	20180327165610.338
PX3 (140)	1044	1046	20180327165613.799	20180327165614.229
PX3 (140)	1060	1062	20180327165618.772	20180327165619.201
PX3 (140)	1104	1106	20180327165629.795	20180327165630.229
PX3 (140)	1110	1112	20180327165631.092	20180327165631.525
PX3 (140)	1118	1121	20180327165634.338	20180327165634.986
PX3 (140)	1122	1124	20180327165635.201	20180327165635.635
PX3 (140)	1129	1131	20180327165636.717	20180327165637.146
PX3 (140)	1135	1137	20180327165638.014	20180327165638.443
PX3 (140)	1141	1143	20180327165639.311	20180327165639.740
PX3 (140)	1145	1147	20180327165641.689	20180327165642.119
PX3 (140)	1148	1150	20180327165642.338	20180327165642.768
PX3 (140)	1153	1155	20180327165643.420	20180327165643.850
PX3 (140)	1177	1179	20180327165650.119	20180327165650.553
PX3 (140)	1188	1190	20180327165652.498	20180327165652.932
PX3 (140)	1210	1212	20180327165658.768	20180327165659.201
PX3 (140)	1235	1237	20180327165705.686	20180327165706.119
PX3 (140)	1239	1241	20180327165706.553	20180327165706.982
PX3 (140)	1243	1245	20180327165707.416	20180327165707.850
PX3 (140)	1257	1259	20180327165710.447	20180327165710.877
PX3 (140)	1262	1264	20180327165711.525	20180327165713.471
PX3 (140)	1268	1270	20180327165714.334	20180327165714.768
PX3 (140)	1290	1292	20180327165719.092	20180327165719.525
PX3 (140)	1321	1323	20180327165727.307	20180327165727.740
PX3 (140)	1365	1367	20180327165739.850	20180327165740.279
PX3 (140)	1380	1382	20180327165743.092	20180327165743.525
PX3 (140)	1397	1399	20180327165748.283	20180327165748.713
PX3 (140)	1407	1409	20180327165750.443	20180327165750.877
PX3 (140)	1453	1455	20180327165803.416	20180327165803.849
PX3 (140)	1472	1474	20180327165807.525	20180327165809.471
PX3 (140)	1474	1476	20180327165809.471	20180327165809.904
PX3 (140)	1513	1515	20180327165819.416	20180327165819.849
PX3 (140)	1527	1529	20180327165822.443	20180327165822.873
PX3 (140)	1543	1546	20180327165827.416	20180327165828.064
PX3 (140)	1566	1568	20180327165833.900	20180327165834.334
PX3 (140)	1625	1627	20180327165849.685	20180327165850.119
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APID	Seq from	Seq to	Time from	Time to
PX3 (140)	1632	1634	20180327165851.197	20180327165851.631
PX3 (140)	1719	1721	20180327165914.549	20180327165914.982
PX3 (140)	1725	1727	20180327165915.845	20180327165916.279
PX3 (140)	1741	1743	20180327165919.306	20180327165919.736
PX3 (140)	1869	1871	20180327165954.549	20180327165954.982
PX3 (140)	1888	1890	20180327165958.654	20180327165959.088
PX3 (140)	1897	1899	20180327170002.115	20180327170002.549
PX3 (140)	1900	1902	20180327170002.763	20180327170003.197
PX3 (140)	1903	1905	20180327170003.412	20180327170003.845
PX3 (140)	1919	1921	20180327170006.873	20180327170007.302
PX3 (140)	1958	1960	20180327170018.330	20180327170018.763
PX3 (140)	1978	1980	20180327170022.654	20180327170023.088
PX3 (140)	1999	2001	20180327170028.709	20180327170029.142
PX3 (140)	2053	2055	20180327170043.412	20180327170043.845
PX3 (140)	2057	2059	20180327170044.275	20180327170044.709
PX3 (140)	2086	2091	20180327170052.060	20180327170053.138
PX3 (140)	2247	2249	20180327170134.439	20180327170134.869
PX3 (140)	2433	2435	20180327170223.732	20180327170225.677
PX3 (140)	2438	2440	20180327170226.326	20180327170226.759
PX3 (140)	2444	2446	20180327170227.626	20180327170228.056
PX3 (140)	2450	2452	20180327170228.923	20180327170229.353
PX3 (140)	2465	2467	20180327170233.677	20180327170234.111
PX3 (140)	2481	2483	20180327170237.138	20180327170237.572
PX3 (140)	2591	2593	20180327170306.974	20180327170307.408
PX3 (140)	2596	2598	20180327170308.056	20180327170308.486
PX3 (140)	3006	3008	20180327170457.888	20180327170458.322
PX3 (140)	3013	3015	20180327170459.404	20180327170459.837
PX3 (140)	3018	3020	20180327170500.486	20180327170500.915
PX3 (140)	3043	3045	20180327170507.404	20180327170507.837
PX3 (140)	3069	3071	20180327170514.540	20180327170514.970
PX3 (140)	3072	3074	20180327170515.185	20180327170515.618
PX3 (140)	3087	3089	20180327170518.431	20180327170518.864
PX3 (140)	3114	3117	20180327170525.782	20180327170526.431
PX3 (140)	3117	3120	20180327170526.431	20180327170527.079
PX3 (140)	3127	3129	20180327170530.107	20180327170530.536
PX3 (140)	3133	3135	20180327170531.403	20180327170531.837
PX3 (140)	3137	3139	20180327170532.267	20180327170532.700
PX3 (140)	3145	3147	20180327170533.997	20180327170534.431
PX3 (140)	3162	3164	20180327170539.185	20180327170539.618
PX3 (140)	3183	3185	20180327170543.728	20180327170545.673
PX3 (140)	3238	3240	20180327170558.646	20180327170559.079
PX3 (140)	3253	3255	20180327170603.403	20180327170603.833
PX3 (140)	3258	3260	20180327170604.482	20180327170604.915
PX3 (140)	3267	3269	20180327170606.431	20180327170606.860
PX3 (140)	3280	3282	20180327170610.755	20180327170611.185
PX3 (140)	3282	3284	20180327170611.185	20180327170611.618
PX3 (140)	3303	3305	20180327170615.724	20180327170617.673
PX4 (145)	16061	16063	20180327165010.131	20180327165010.565
PX4 (145)	16103	16105	20180327165020.725	20180327165021.159
PX4 (145)	16129	16131	20180327165027.862	20180327165028.292
PX4 (145)	16141	16143	20180327165030.456	20180327165030.889
PX4 (145)	16145	16147	20180327165031.319	20180327165031.753
PX4 (145)	16154	16156	20180327165034.780	20180327165035.213
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APID	Seq from	Seq to	Time from	Time to
PX4 (145)	16209	16211	20180327165049.698	20180327165050.131
PX4 (145)	16260	16262	20180327165102.241	20180327165102.670
PX4 (145)	16274	16276	20180327165106.780	20180327165107.209
PX4 (145)	16284	16286	20180327165108.940	20180327165109.374
PX4 (145)	16325	16327	20180327165119.319	20180327165119.752
PX4 (145)	16335	16337	20180327165122.995	20180327165123.428
PX4 (145)	16337	16339	20180327165123.428	20180327165123.858
PX4 (145)	16339	16341	20180327165123.858	20180327165124.292
PX4 (145)	4	6	20180327165137.479	20180327165137.913
PX4 (145)	18	20	20180327165140.506	20180327165140.940
PX4 (145)	24	26	20180327165141.803	20180327165142.237
PX4 (145)	27	29	20180327165142.456	20180327165142.885
PX4 (145)	49	52	20180327165148.721	20180327165149.373
PX4 (145)	75	77	20180327165155.858	20180327165156.291
PX4 (145)	80	82	20180327165156.940	20180327165157.370
PX4 (145)	147	149	20180327165214.455	20180327165214.885
PX4 (145)	307	309	20180327165258.127	20180327165258.561
PX4 (145)	335	337	20180327165305.694	20180327165306.127
PX4 (145)	343	345	20180327165307.424	20180327165307.858
PX4 (145)	346	348	20180327165308.073	20180327165308.506
PX4 (145)	349	351	20180327165308.721	20180327165309.155
PX4 (145)	361	363	20180327165311.315	20180327165311.748
PX4 (145)	366	368	20180327165313.909	20180327165314.342
PX4 (145)	369	372	20180327165314.561	20180327165315.209
PX4 (145)	414	416	20180327165325.803	20180327165326.237
PX4 (145)	419	421	20180327165326.881	20180327165327.315
PX4 (145)	430	432	20180327165330.776	20180327165331.205
PX4 (145)	437	439	20180327165332.287	20180327165332.721
PX4 (145)	443	446	20180327165333.584	20180327165334.233
PX4 (145)	487	489	20180327165346.127	20180327165346.557
PX4 (145)	506	509	20180327165350.233	20180327165350.881
PX4 (145)	520	522	20180327165354.776	20180327165355.205
PX4 (145)	522	524	20180327165355.205	20180327165355.639
PX4 (145)	529	531	20180327165356.721	20180327165357.151
PX4 (145)	537	539	20180327165358.451	20180327165358.881
PX4 (145)	540	542	20180327165359.100	20180327165359.530
PX4 (145)	545	547	20180327165401.694	20180327165402.127
PX4 (145)	585	587	20180327165411.854	20180327165412.287
PX4 (145)	591	593	20180327165413.151	20180327165413.584
PX4 (145)	609	611	20180327165418.557	20180327165418.990
PX4 (145)	616	618	20180327165420.069	20180327165420.502
PX4 (145)	628	630	20180327165422.666	20180327165423.096
PX4 (145)	689	691	20180327165438.881	20180327165439.315
PX4 (145)	697	699	20180327165442.123	20180327165442.557
PX4 (145)	699	701	20180327165442.557	20180327165442.987
PX4 (145)	701	703	20180327165442.987	20180327165443.420
PX4 (145)	704	706	20180327165443.639	20180327165444.069
PX4 (145)	715	717	20180327165446.014	20180327165446.447
PX4 (145)	726	728	20180327165449.908	20180327165450.338
PX4 (145)	729	731	20180327165450.557	20180327165450.990
PX4 (145)	731	733	20180327165450.990	20180327165451.420
PX4 (145)	735	737	20180327165451.854	20180327165452.287
PX4 (145)	746	748	20180327165454.233	20180327165454.662

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APID	Seq from	Seq to	Time from	Time to
PX4 (145)	751	753	20180327165455.315	20180327165455.744
PX4 (145)	764	766	20180327165459.639	20180327165500.069
PX4 (145)	786	788	20180327165505.908	20180327165506.338
PX4 (145)	803	805	20180327165509.584	20180327165510.014
PX4 (145)	807	809	20180327165510.447	20180327165510.881
PX4 (145)	841	844	20180327165519.311	20180327165521.475
PX4 (145)	845	847	20180327165521.690	20180327165522.123
PX4 (145)	851	853	20180327165522.986	20180327165523.420
PX4 (145)	856	858	20180327165524.068	20180327165524.502
PX4 (145)	904	906	20180327165537.475	20180327165537.904
PX4 (145)	911	913	20180327165538.986	20180327165539.420
PX4 (145)	920	922	20180327165540.932	20180327165541.365
PX4 (145)	979	981	20180327165556.717	20180327165557.150
PX4 (145)	986	988	20180327165558.229	20180327165558.662
PX4 (145)	995	997	20180327165601.690	20180327165602.119
PX4 (145)	1004	1007	20180327165603.635	20180327165604.283
PX4 (145)	1015	1017	20180327165606.014	20180327165606.443
PX4 (145)	1018	1020	20180327165606.662	20180327165607.096
PX4 (145)	1034	1036	20180327165611.635	20180327165612.068
PX4 (145)	1037	1039	20180327165612.283	20180327165612.717
PX4 (145)	1068	1070	20180327165620.498	20180327165620.932
PX4 (145)	1070	1072	20180327165620.932	20180327165621.365
PX4 (145)	1110	1112	20180327165631.092	20180327165631.525
PX4 (145)	1119	1121	20180327165634.553	20180327165634.986
PX4 (145)	1139	1141	20180327165638.877	20180327165639.311
PX4 (145)	1142	1145	20180327165639.525	20180327165641.689
PX4 (145)	1156	1158	20180327165644.064	20180327165644.498
PX4 (145)	1163	1165	20180327165645.580	20180327165646.014
PX4 (145)	1173	1175	20180327165647.744	20180327165649.686
PX4 (145)	1177	1179	20180327165650.119	20180327165650.553
PX4 (145)	1179	1181	20180327165650.553	20180327165650.986
PX4 (145)	1181	1183	20180327165650.986	20180327165651.416
PX4 (145)	1183	1185	20180327165651.416	20180327165651.850
PX4 (145)	1194	1196	20180327165653.795	20180327165654.228
PX4 (145)	1212	1214	20180327165659.201	20180327165659.635
PX4 (145)	1218	1220	20180327165700.498	20180327165700.932
PX4 (145)	1224	1226	20180327165701.795	20180327165702.228
PX4 (145)	1227	1229	20180327165702.447	20180327165702.877
PX4 (145)	1234	1236	20180327165705.471	20180327165705.904
PX4 (145)	1238	1240	20180327165706.338	20180327165706.768
PX4 (145)	1251	1253	20180327165709.146	20180327165709.580
PX4 (145)	1261	1264	20180327165711.307	20180327165713.471
PX4 (145)	1268	1270	20180327165714.334	20180327165714.768
PX4 (145)	1286	1288	20180327165718.228	20180327165718.658
PX4 (145)	1383	1385	20180327165743.740	20180327165745.685
PX4 (145)	1397	1399	20180327165748.283	20180327165748.713
PX4 (145)	1448	1450	20180327165802.334	20180327165802.767
PX4 (145)	1466	1468	20180327165806.224	20180327165806.658
PX4 (145)	1474	1476	20180327165809.471	20180327165809.904
PX4 (145)	1507	1509	20180327165818.119	20180327165818.549
PX4 (145)	1519	1521	20180327165820.713	20180327165821.146
PX4 (145)	1543	1546	20180327165827.416	20180327165828.064
PX4 (145)	1566	1568	20180327165833.900	20180327165834.334
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APID	Seq from	Seq to	Time from	Time to
PX4 (145)	1580	1582	20180327165836.928	20180327165837.361
PX4 (145)	1602	1604	20180327165843.197	20180327165843.631
PX4 (145)	1607	1609	20180327165844.279	20180327165844.713
PX4 (145)	1625	1627	20180327165849.685	20180327165850.119
PX4 (145)	1650	1652	20180327165855.088	20180327165855.521
PX4 (145)	1714	1716	20180327165913.467	20180327165913.900
PX4 (145)	1725	1727	20180327165915.845	20180327165916.279
PX4 (145)	1891	1893	20180327165959.306	20180327165959.736
PX4 (145)	1905	1907	20180327170003.845	20180327170004.275
PX4 (145)	1908	1910	20180327170004.494	20180327170004.927
PX4 (145)	1940	1942	20180327170012.924	20180327170013.357
PX4 (145)	1948	1950	20180327170014.654	20180327170015.088
PX4 (145)	1950	1952	20180327170015.088	20180327170015.521
PX4 (145)	1954	1956	20180327170017.466	20180327170017.900
PX4 (145)	1956	1958	20180327170017.900	20180327170018.330
PX4 (145)	1961	1963	20180327170018.978	20180327170019.412
PX4 (145)	1976	1978	20180327170022.224	20180327170022.654
PX4 (145)	1999	2001	20180327170028.709	20180327170029.142
PX4 (145)	2018	2020	20180327170034.330	20180327170034.763
PX4 (145)	2057	2059	20180327170044.275	20180327170044.709
PX4 (145)	2083	2085	20180327170051.412	20180327170051.841
PX4 (145)	2086	2088	20180327170052.060	20180327170052.494
PX4 (145)	2207	2209	20180327170124.275	20180327170124.709
PX4 (145)	2209	2211	20180327170124.709	20180327170125.138
PX4 (145)	2211	2213	20180327170125.138	20180327170125.572
PX4 (145)	2240	2242	20180327170132.923	20180327170133.353
PX4 (145)	2321	2323	20180327170154.974	20180327170155.408
PX4 (145)	2400	2402	20180327170215.083	20180327170215.517
PX4 (145)	2438	2440	20180327170226.326	20180327170226.759
PX4 (145)	2450	2452	20180327170228.923	20180327170229.353
PX4 (145)	2464	2466	20180327170233.462	20180327170233.892
PX4 (145)	2478	2480	20180327170236.490	20180327170236.919
PX4 (145)	2481	2483	20180327170237.138	20180327170237.572
PX4 (145)	2487	2489	20180327170238.435	20180327170238.869
PX4 (145)	3038	3040	20180327170506.321	20180327170506.755
PX4 (145)	3045	3047	20180327170507.837	20180327170508.267
PX4 (145)	3061	3063	20180327170511.294	20180327170511.728
PX4 (145)	3110	3114	20180327170524.915	20180327170525.782
PX4 (145)	3126	3129	20180327170529.888	20180327170530.536
PX4 (145)	3136	3138	20180327170532.052	20180327170532.482
PX4 (145)	3140	3142	20180327170532.915	20180327170533.349
PX4 (145)	3175	3177	20180327170541.997	20180327170542.431
PX4 (145)	3180	3182	20180327170543.079	20180327170543.513
PX4 (145)	3208	3210	20180327170550.646	20180327170551.075
PX4 (145)	3224	3226	20180327170555.618	20180327170556.052
PX4 (145)	3303	3305	20180327170615.724	20180327170617.673
IMG (150)	8317	8319	20180327165026.131	20180327165026.565
IMG (150)	8355	8357	20180327165034.995	20180327165035.428
IMG (150)	8403	8405	20180327165046.022	20180327165046.456
IMG (150)	8407	8409	20180327165046.885	20180327165047.319
IMG (150)	8415	8417	20180327165049.049	20180327165049.698
IMG (150)	8430	8432	20180327165052.510	20180327165052.940
IMG (150)	8434	8436	20180327165053.374	20180327165053.807

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APID	Seq from	Seq to	Time from	Time to
IMG (150)	8640	8643	20180327165141.803	20180327165142.456
IMG (150)	8669	8671	20180327165148.721	20180327165149.155
IMG (150)	8768	8770	20180327165212.073	20180327165212.506
IMG (150)	8867	8869	20180327165235.424	20180327165235.858
IMG (150)	8885	8887	20180327165239.315	20180327165239.748
IMG (150)	8912	8914	20180327165245.803	20180327165246.237
IMG (150)	8917	8919	20180327165246.885	20180327165247.319
IMG (150)	9006	9009	20180327165308.073	20180327165308.721
IMG (150)	9030	9032	20180327165313.909	20180327165314.342
IMG (150)	9037	9039	20180327165315.424	20180327165315.858
IMG (150)	9046	9048	20180327165317.369	20180327165317.803
IMG (150)	9102	9104	20180327165330.776	20180327165331.205
IMG (150)	9106	9108	20180327165331.639	20180327165332.073
IMG (150)	9116	9118	20180327165333.799	20180327165334.233
IMG (150)	9138	9140	20180327165339.209	20180327165339.639
IMG (150)	9166	9168	20180327165345.908	20180327165346.342
IMG (150)	9188	9190	20180327165350.666	20180327165351.096
IMG (150)	9193	9196	20180327165351.748	20180327165352.826
IMG (150)	9207	9209	20180327165355.420	20180327165355.854
IMG (150)	9228	9231	20180327165400.178	20180327165401.045
IMG (150)	9255	9257	20180327165406.451	20180327165406.881
IMG (150)	9269	9271	20180327165410.123	20180327165410.557
IMG (150)	9277	9279	20180327165411.854	20180327165412.287
IMG (150)	9280	9282	20180327165412.502	20180327165412.936
IMG (150)	9305	9307	20180327165418.557	20180327165418.990
IMG (150)	9308	9310	20180327165419.205	20180327165419.639
IMG (150)	9312	9314	20180327165420.069	20180327165420.502
IMG (150)	9316	9318	20180327165420.936	20180327165421.365
IMG (150)	9323	9325	20180327165422.451	20180327165422.881
IMG (150)	9409	9411	20180327165442.987	20180327165443.420
IMG (150)	9443	9445	20180327165450.990	20180327165451.420
IMG (150)	9449	9451	20180327165452.287	20180327165452.717
IMG (150)	9456	9458	20180327165453.799	20180327165454.233
IMG (150)	9458	9460	20180327165454.233	20180327165454.662
IMG (150)	9473	9475	20180327165458.123	20180327165458.557
IMG (150)	9478	9481	20180327165459.205	20180327165459.854
IMG (150)	9515	9517	20180327165507.854	20180327165508.287
IMG (150)	9523	9525	20180327165509.584	20180327165510.014
IMG (150)	9527	9529	20180327165510.447	20180327165510.881
IMG (150)	9535	9537	20180327165512.393	20180327165513.041
IMG (150)	9543	9545	20180327165514.557	20180327165514.986
IMG (150)	9549	9552	20180327165515.854	20180327165516.502
IMG (150)	9566	9568	20180327165519.529	20180327165520.178
IMG (150)	9572	9574	20180327165521.475	20180327165521.904
IMG (150)	9586	9588	20180327165524.502	20180327165524.932
IMG (150)	9603	9606	20180327165528.393	20180327165529.475
IMG (150)	9623	9625	20180327165533.150	20180327165533.580
IMG (150)	9640	9642	20180327165537.475	20180327165537.904
IMG (150)	9647	9650	20180327165538.986	20180327165539.635
IMG (150)	9654	9656	20180327165540.498	20180327165540.932
IMG (150)	9656	9658	20180327165540.932	20180327165541.365
IMG (150)	9673	9675	20180327165545.041	20180327165545.690
IMG (150)	9675	9677	20180327165545.690	20180327165546.123
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APID	Seq from	Seq to	Time from	Time to
IMG (150)	9677	9679	20180327165546.123	20180327165546.553
IMG (150)	9684	9686	20180327165547.635	20180327165548.068
IMG (150)	9708	9710	20180327165553.471	20180327165553.904
IMG (150)	9720	9722	20180327165556.068	20180327165556.502
IMG (150)	9729	9731	20180327165558.014	20180327165558.447
IMG (150)	9762	9764	20180327165605.799	20180327165606.229
IMG (150)	9786	9788	20180327165611.635	20180327165612.068
IMG (150)	9788	9790	20180327165612.068	20180327165612.498
IMG (150)	9807	9809	20180327165616.393	20180327165617.041
IMG (150)	9904	9906	20180327165639.096	20180327165639.525
IMG (150)	9908	9910	20180327165640.174	20180327165640.822
IMG (150)	9921	9923	20180327165643.420	20180327165643.850
IMG (150)	9948	9950	20180327165649.904	20180327165650.338
IMG (150)	9961	9963	20180327165652.713	20180327165653.146
IMG (150)	9968	9972	20180327165654.228	20180327165655.092
IMG (150)	9972	9974	20180327165655.092	20180327165655.525
IMG (150)	9977	9979	20180327165656.393	20180327165657.037
IMG (150)	9985	9987	20180327165658.553	20180327165658.986
IMG (150)	9990	9992	20180327165659.635	20180327165700.064
IMG (150)	10013	10015	20180327165705.041	20180327165705.686
IMG (150)	10035	10037	20180327165710.010	20180327165710.447
IMG (150)	10045	10047	20180327165712.389	20180327165713.037
IMG (150)	10070	10072	20180327165718.228	20180327165718.658
IMG (150)	10089	10092	20180327165722.982	20180327165723.635
IMG (150)	10101	10104	20180327165725.580	20180327165726.228
IMG (150)	10147	10150	20180327165736.389	20180327165737.471
IMG (150)	10200	10202	20180327165748.928	20180327165749.361
IMG (150)	10203	10205	20180327165749.580	20180327165750.010
IMG (150)	10205	10207	20180327165750.010	20180327165750.443
IMG (150)	10274	10276	20180327165806.224	20180327165806.658
IMG (150)	10307	10309	20180327165814.010	20180327165814.443
IMG (150)	10323	10325	20180327165818.119	20180327165818.549
IMG (150)	10335	10337	20180327165820.713	20180327165821.146
IMG (150)	10363	10366	20180327165827.416	20180327165828.064
IMG (150)	10389	10391	20180327165833.685	20180327165834.119
IMG (150)	10404	10406	20180327165836.928	20180327165837.361
IMG (150)	10460	10462	20180327165850.334	20180327165850.763
IMG (150)	10467	10469	20180327165851.846	20180327165852.279
IMG (150)	10482	10484	20180327165855.088	20180327165855.521
IMG (150)	10558	10560	20180327165913.467	20180327165913.900
IMG (150)	10731	10733	20180327165954.115	20180327165954.549
IMG (150)	10751	10753	20180327165958.439	20180327165958.873
IMG (150)	10773	10775	20180327170003.845	20180327170004.275
IMG (150)	10782	10784	20180327170005.791	20180327170006.224
IMG (150)	10787	10789	20180327170006.873	20180327170007.302
IMG (150)	10812	10814	20180327170012.924	20180327170013.357
IMG (150)	10820	10822	20180327170014.654	20180327170015.088
IMG (150)	10822	10824	20180327170015.088	20180327170015.521
IMG (150)	10833	10835	20180327170018.115	20180327170018.545
IMG (150)	10837	10839	20180327170018.978	20180327170019.412
IMG (150)	10975	10977	20180327170051.412	20180327170051.841
IMG (150)	11115	11117	20180327170124.275	20180327170124.709
IMG (150)	11238	11240	20180327170153.462	20180327170153.896

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APID	Seq from	Seq to	Time from	Time to
IMG (150)	11346	11348	20180327170218.759	20180327170219.193
IMG (150)	11373	11375	20180327170225.029	20180327170225.677
IMG (150)	11404	11406	20180327170232.165	20180327170232.814
IMG (150)	11587	11589	20180327170315.408	20180327170315.837
IMG (150)	12046	12048	20180327170503.079	20180327170503.513
IMG (150)	12060	12062	20180327170506.755	20180327170507.189
IMG (150)	12065	12067	20180327170507.837	20180327170508.267
IMG (150)	12071	12073	20180327170509.134	20180327170509.564
IMG (150)	12081	12083	20180327170511.294	20180327170511.728
IMG (150)	12122	12124	20180327170521.458	20180327170521.888
IMG (150)	12151	12154	20180327170527.728	20180327170528.810
IMG (150)	12158	12160	20180327170529.888	20180327170530.321
IMG (150)	12161	12163	20180327170530.536	20180327170530.970
IMG (150)	12172	12174	20180327170532.915	20180327170533.349
IMG (150)	12182	12184	20180327170535.079	20180327170535.509
IMG (150)	12194	12196	20180327170538.321	20180327170538.755
IMG (150)	12197	12199	20180327170538.970	20180327170539.403
IMG (150)	12216	12218	20180327170543.079	20180327170543.513
IMG (150)	12226	12228	20180327170545.888	20180327170546.321
IMG (150)	12233	12235	20180327170547.403	20180327170547.833
IMG (150)	12248	12250	20180327170550.646	20180327170551.075
IMG (150)	12268	12270	20180327170555.618	20180327170556.052
IMG (150)	12290	12292	20180327170600.806	20180327170601.454
VER (160)	10796	10798	20180327165007.745	20180327165015.753
VER (160)	10803	10805	20180327165023.753	20180327165023.753
VER (160)	10811	10813	20180327165031.753	20180327165039.753
VER (160)	10817	10819	20180327165047.752	20180327165047.752
VER (160)	10831	10833	20180327165103.752	20180327165111.752
VER (160)	10849	10851	20180327165135.749	20180327165135.749
VER (160)	10853	10856	20180327165143.752	20180327165143.752
VER (160)	10901	10904	20180327165255.748	20180327165303.748
VER (160)	10916	10918	20180327165319.748	20180327165327.748
VER (160)	10927	10930	20180327165343.748	20180327165343.748
VER (160)	10933	10936	20180327165351.748	20180327165351.748
VER (160)	10943	10945	20180327165407.748	20180327165407.748
VER (160)	10961	10963	20180327165431.744	20180327165439.744
VER (160)	10973	10975	20180327165455.744	20180327165455.744
VER (160)	10977	10979	20180327165503.744	20180327165503.744
VER (160)	10983	10985	20180327165511.744	20180327165511.744
VER (160)	10986	10988	20180327165511.744	20180327165519.744
VER (160)	10989	10991	20180327165519.744	20180327165519.744
VER (160)	11002	11004	20180327165543.744	20180327165543.744
VER (160)	11004	11006	20180327165543.744	20180327165543.744
VER (160)	11011	11015	20180327165551.744	20180327165559.744
VER (160)	11016	11018	20180327165559.744	20180327165607.744
VER (160)	11018	11021	20180327165607.744	20180327165607.744
VER (160)	11021	11025	20180327165607.744	20180327165615.744
VER (160)	11036	11041	20180327165631.744	20180327165639.740
VER (160)	11047	11051	20180327165655.740	20180327165655.740
VER (160)	11053	11055	20180327165703.740	20180327165703.740
VER (160)	11056	11059	20180327165703.740	20180327165711.740
VER (160)	11059	11061	20180327165711.740	20180327165711.740
VER (160)	11066	11068	20180327165719.740	20180327165727.740

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APID	Seq from	Seq to	Time from	Time to
VER (160)	11068	11070	20180327165727.740	20180327165727.740
VER (160)	11074	11076	20180327165735.740	20180327165735.740
VER (160)	11078	11080	20180327165743.740	20180327165743.740
VER (160)	11094	11096	20180327165807.740	20180327165807.740
VER (160)	11103	11105	20180327165823.740	20180327165823.740
VER (160)	11117	11119	20180327165847.736	20180327165847.736
VER (160)	11121	11126	20180327165847.736	20180327165855.740
VER (160)	11131	11136	20180327165903.736	20180327165911.740
VER (160)	11153	11155	20180327165943.736	20180327165943.736
VER (160)	11163	11166	20180327165959.736	20180327165959.736
VER (160)	11168	11170	20180327170007.736	20180327170007.736
VER (160)	11174	11177	20180327170015.736	20180327170023.736
VER (160)	11178	11180	20180327170023.736	20180327170023.736
VER (160)	11198	11200	20180327170055.736	20180327170055.736
VER (160)	11204	11206	20180327170103.736	20180327170103.736
VER (160)	11246	11248	20180327170207.732	20180327170215.732
VER (160)	11356	11359	20180327170503.728	20180327170511.728
VER (160)	11359	11361	20180327170511.728	20180327170511.728
VER (160)	11364	11366	20180327170519.728	20180327170519.728
VER (160)	11367	11369	20180327170527.728	20180327170527.728
VER (160)	11369	11371	20180327170527.728	20180327170527.728
VER (160)	11372	11374	20180327170535.728	20180327170535.728
VER (160)	11376	11378	20180327170535.728	20180327170543.728
VER (160)	11378	11381	20180327170543.728	20180327170543.728
VER (160)	11383	11385	20180327170551.728	20180327170551.728
VER (160)	11391	11393	20180327170559.724	20180327170607.728
AUX (180)	-	-	-	-

Table 2: L0 data gaps

3 Instrument modes

Time	Transition from	Transition to
27/03/2018 00:00:13	-	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	480	-
GQisFlagQual set (PX1)	99.57 %	-
GQisFlagQual set (PX2)	99.65 %	-
GQisFlagQual set (PX3)	99.63 %	-
GQisFlagQual set (PX4)	99.57 %	-
GQisFlagQual set (all)	99.60 %	-

Table 4: Quality flags

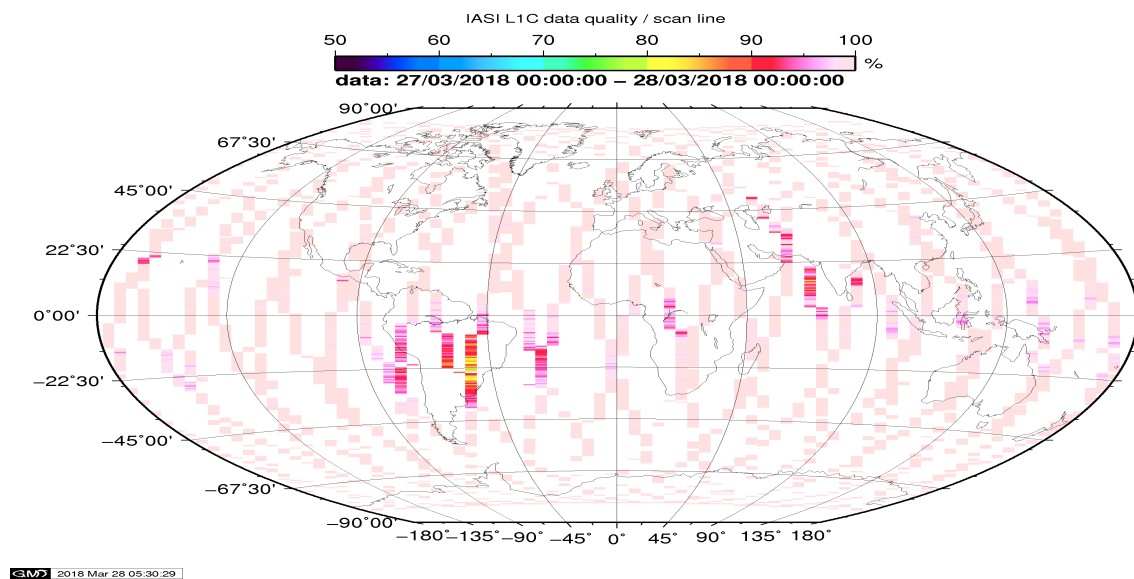


Figure 1: L1C data quality

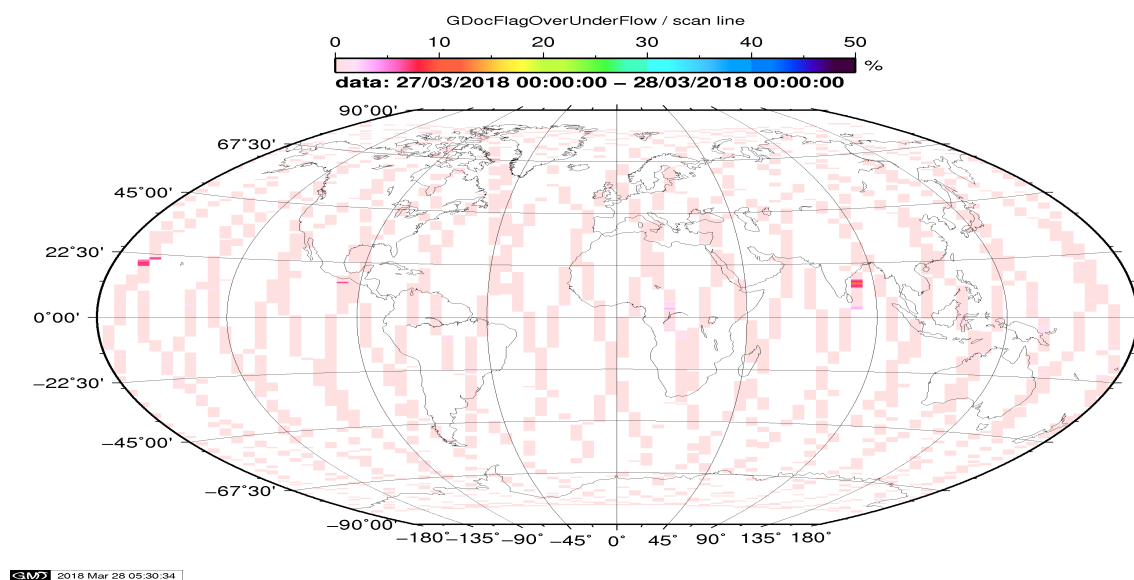


Figure 2: Flag of Over and Under Flows

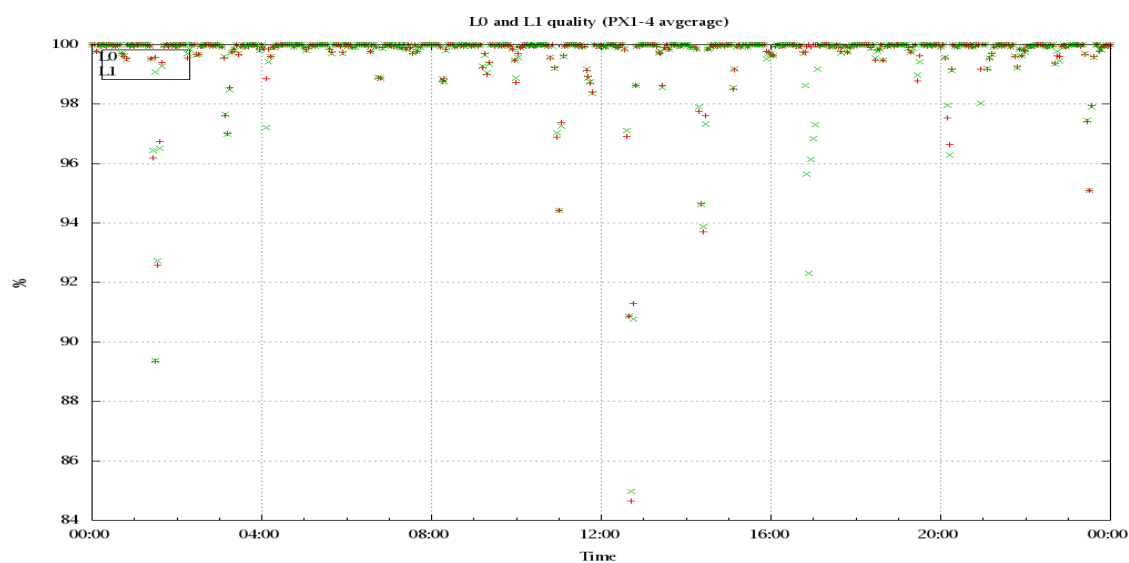


Figure 3: Level 0 and 1C overall quality

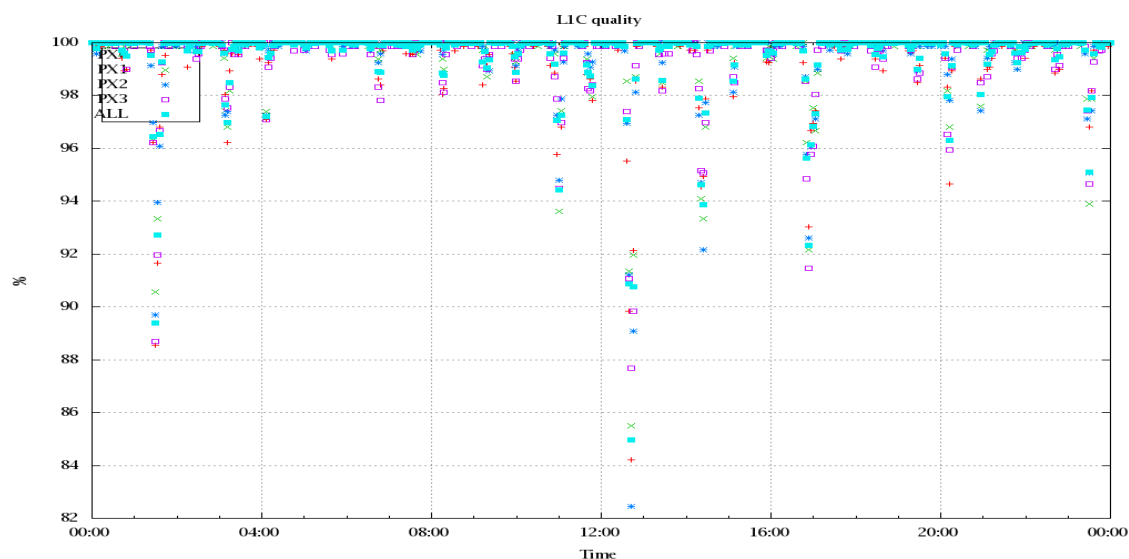


Figure 4: Level 1C quality

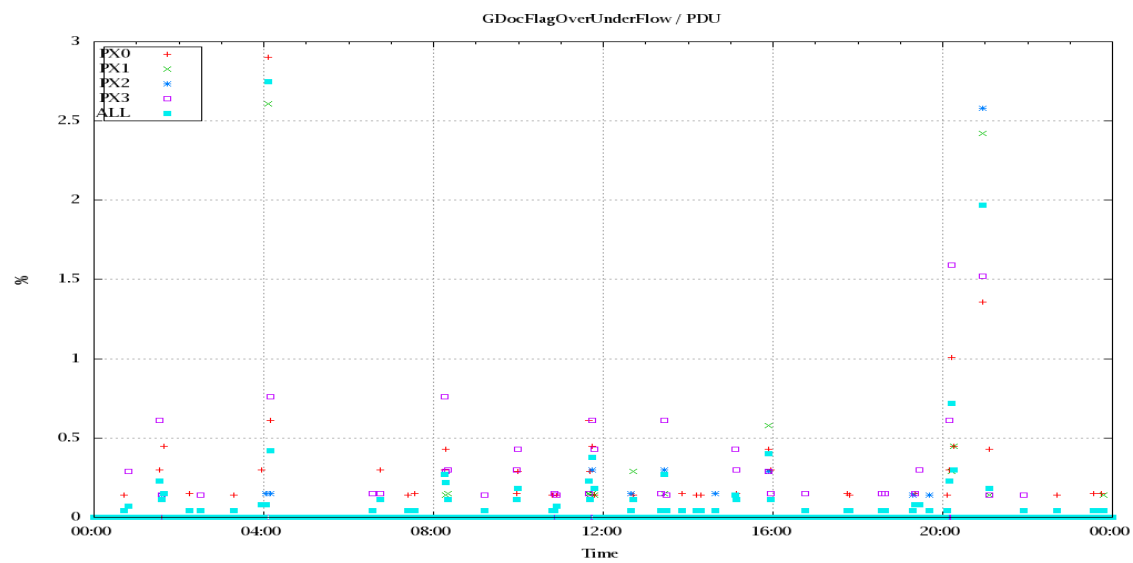


Figure 5: OverUnderFlowFlag timeseries

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.

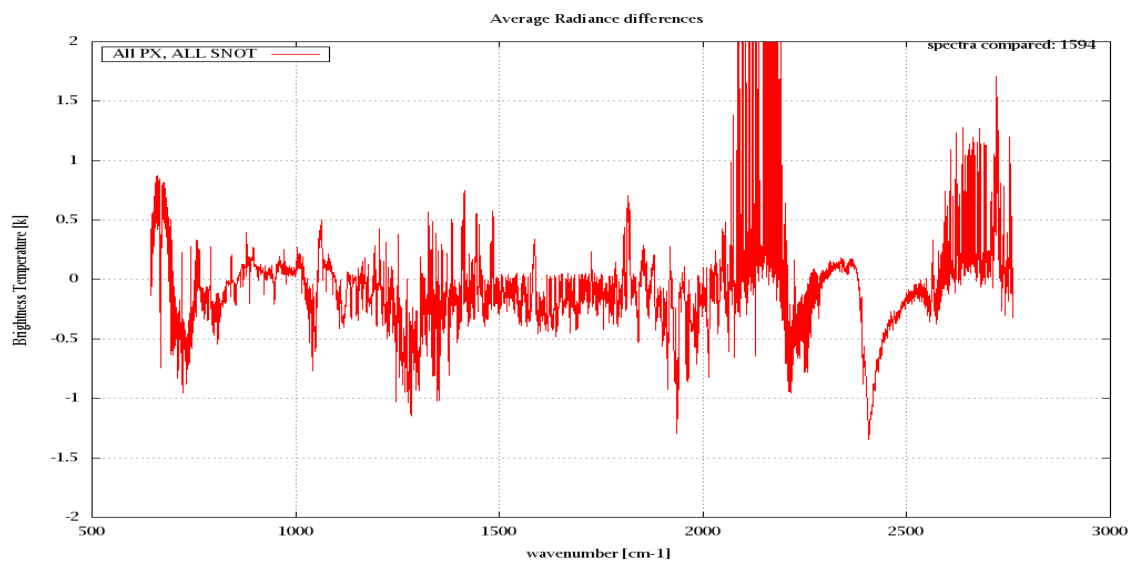


Figure 6: Average Radiance differences: OBS-CAL

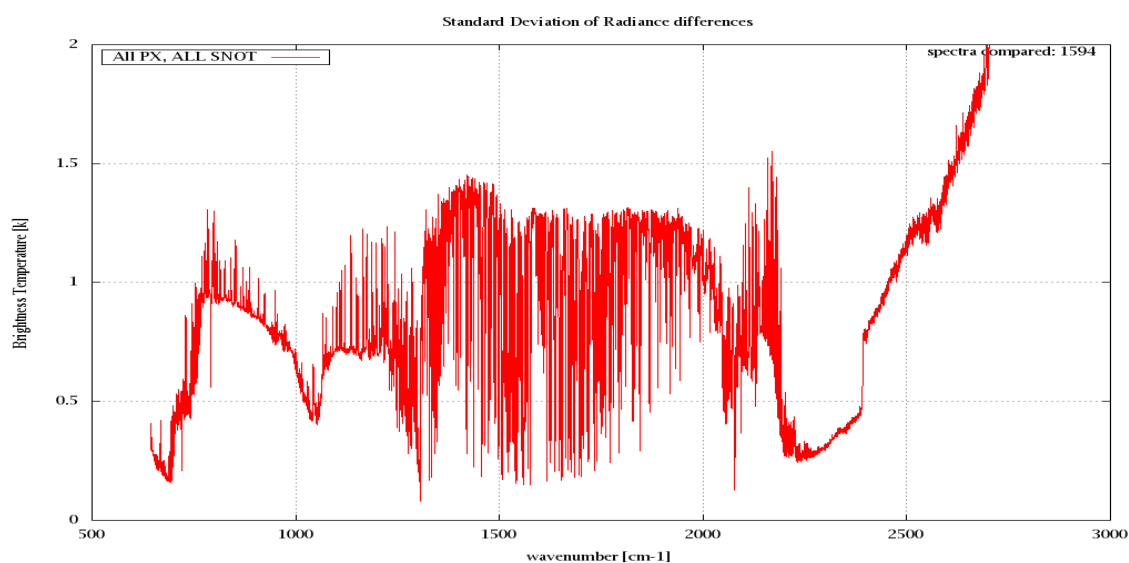


Figure 7: Standard Deviation of Radiance differences

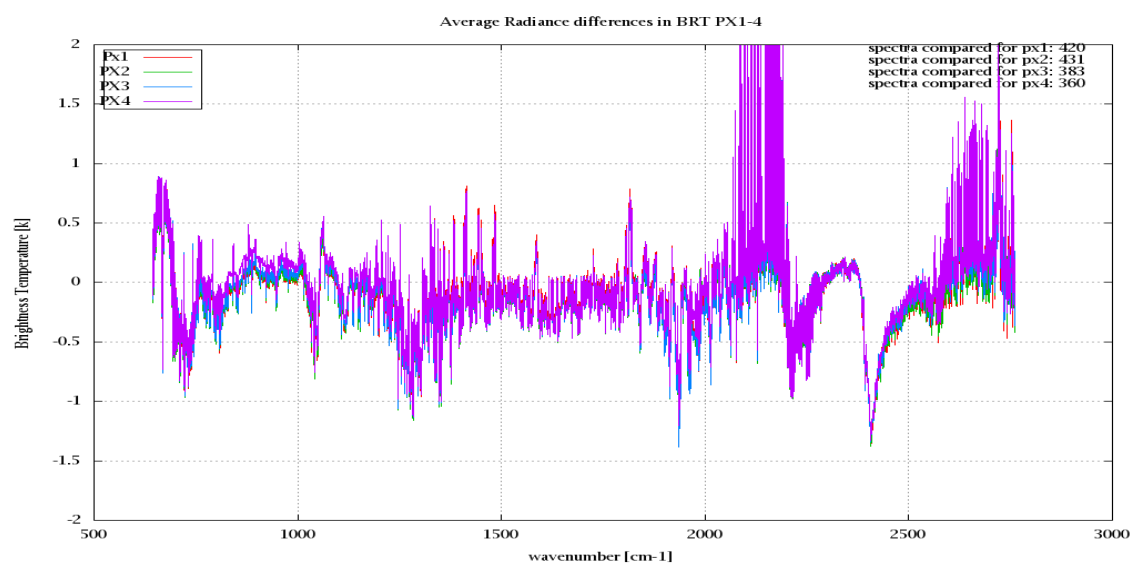


Figure 8: Average Radiance differences: OBS-CAL

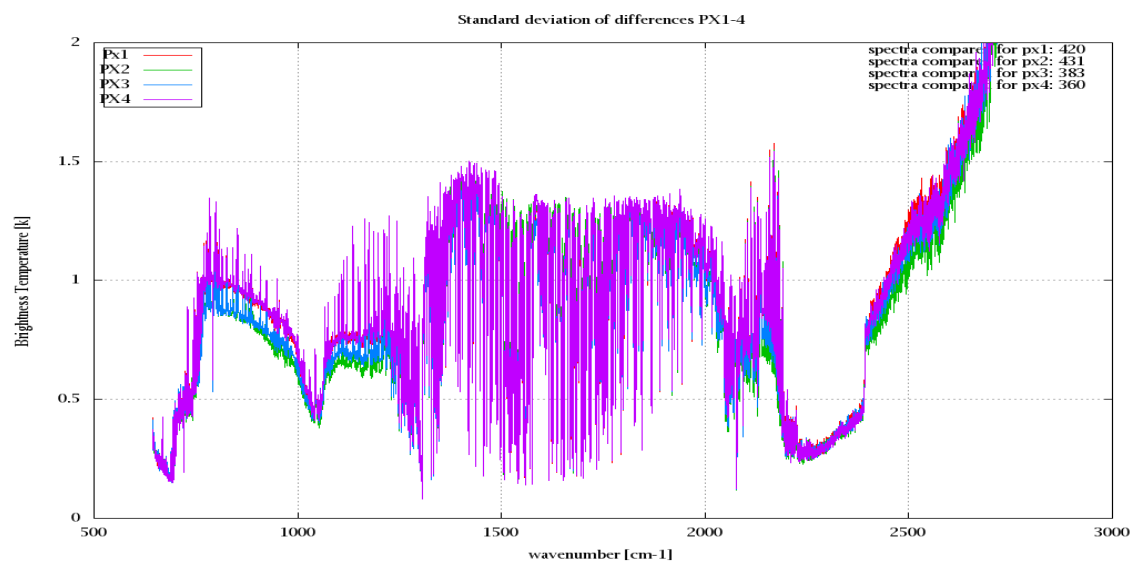


Figure 9: Standard Deviation of Radiance differences

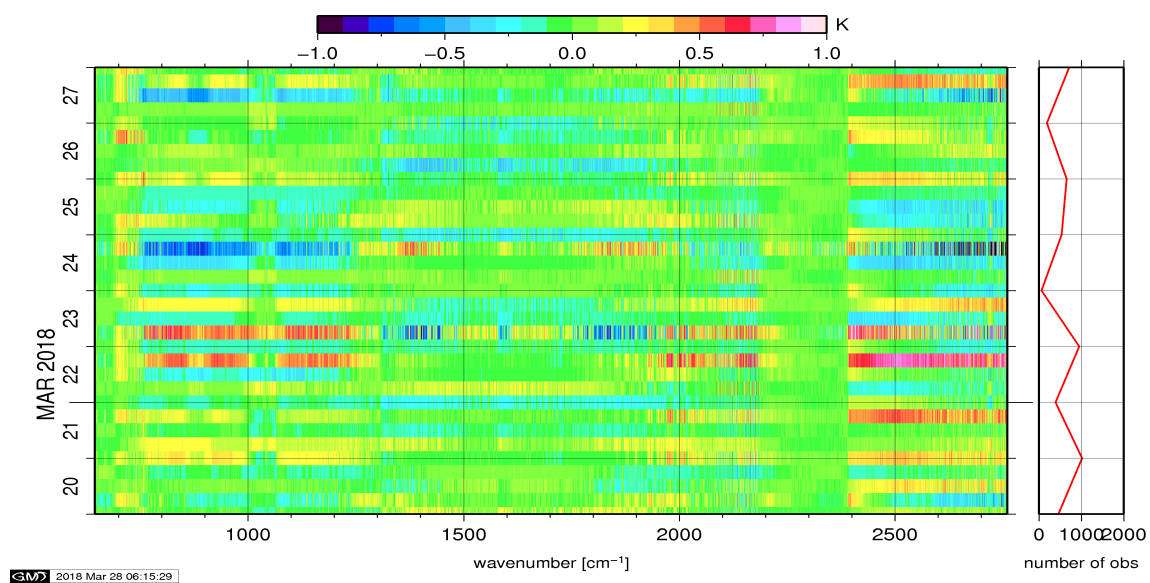


Figure 10: Radiance Anomaly in BRT: All Channels

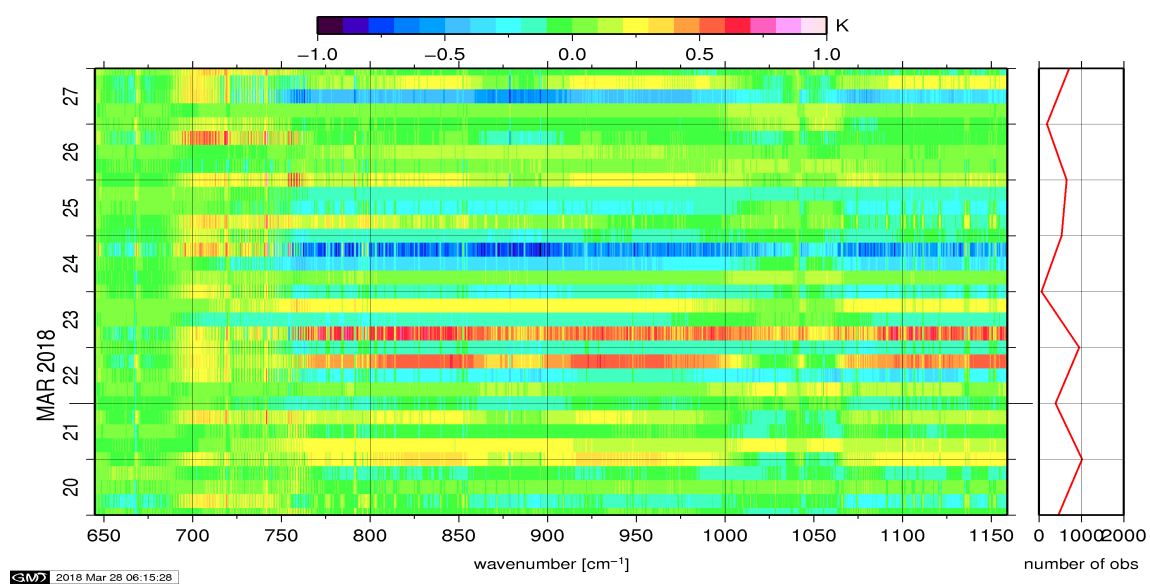


Figure 11: Radiance Anomaly in BRT: IASI Band 1

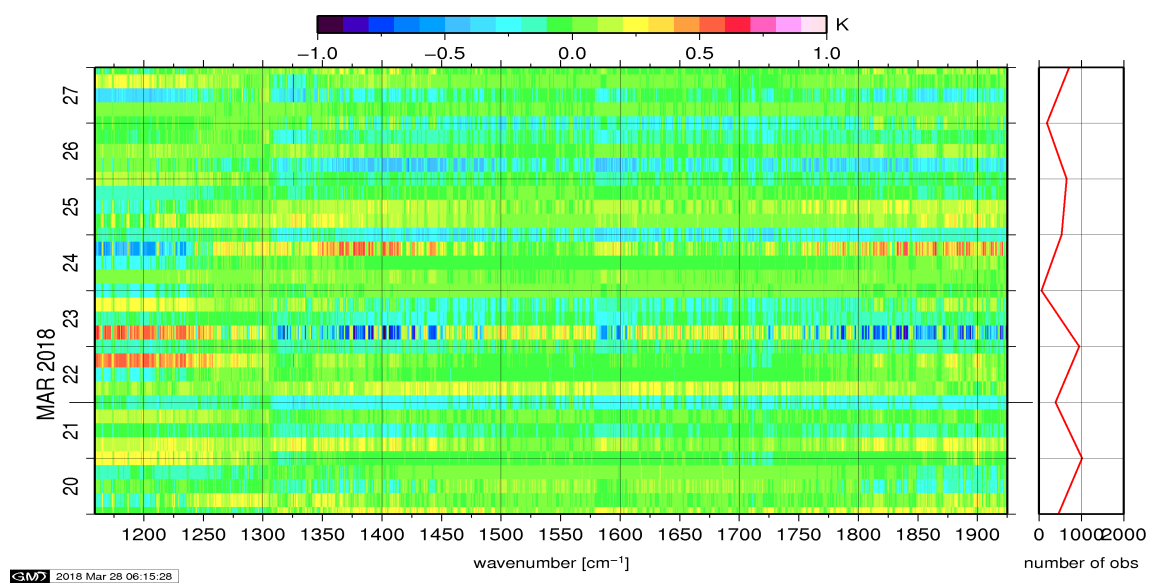


Figure 12: Radiance Anomaly in BRT: IASI Band 2

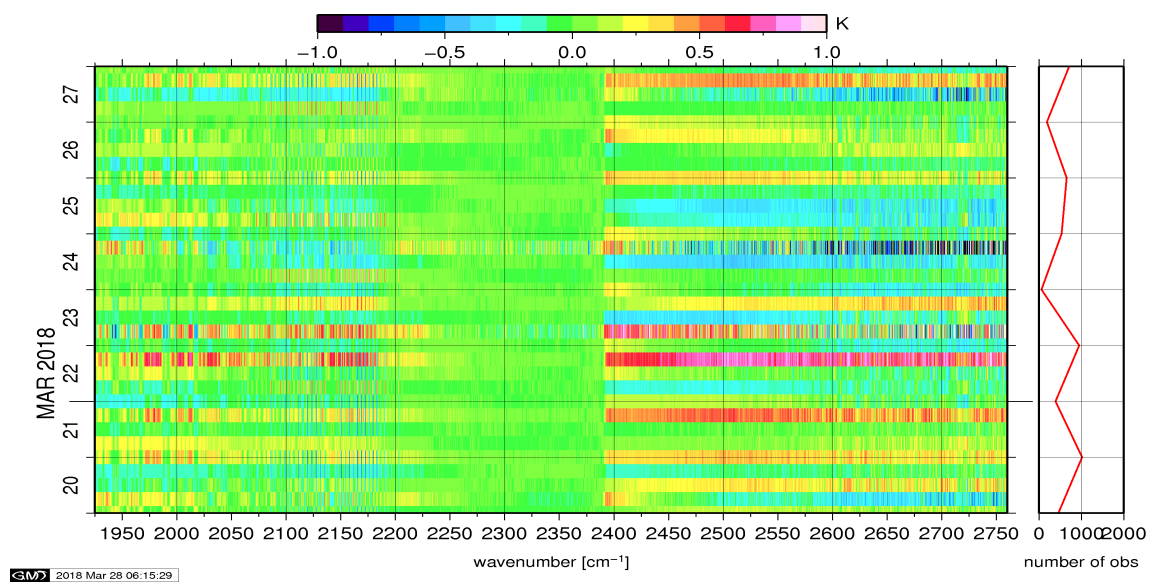


Figure 13: Radiance Anomaly in BRT: IASI Band 3

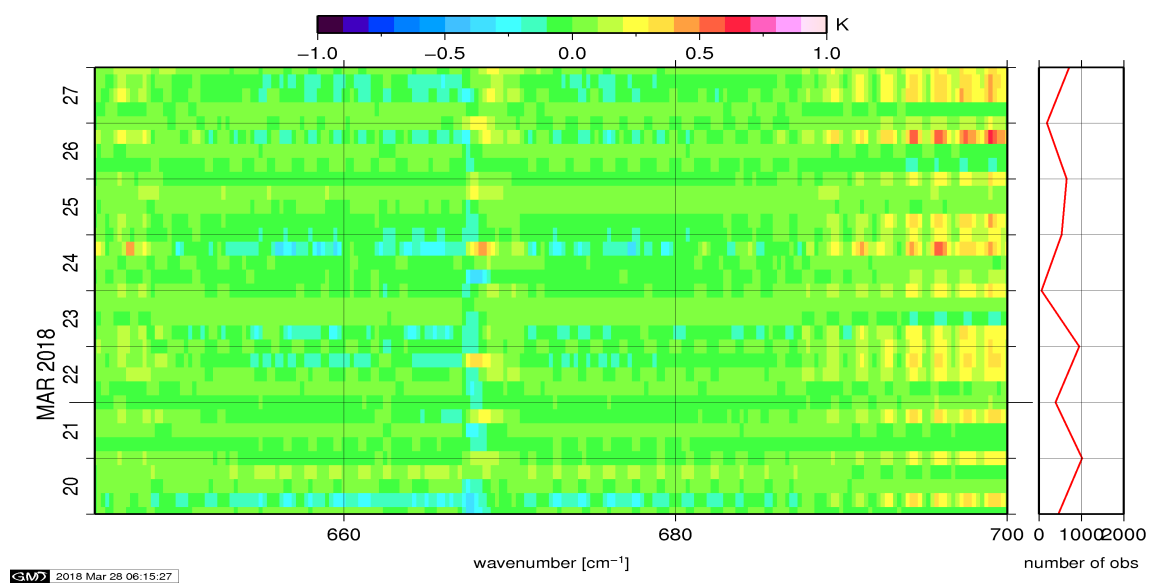


Figure 14: Radiance Anomaly in BRT: CO2 14

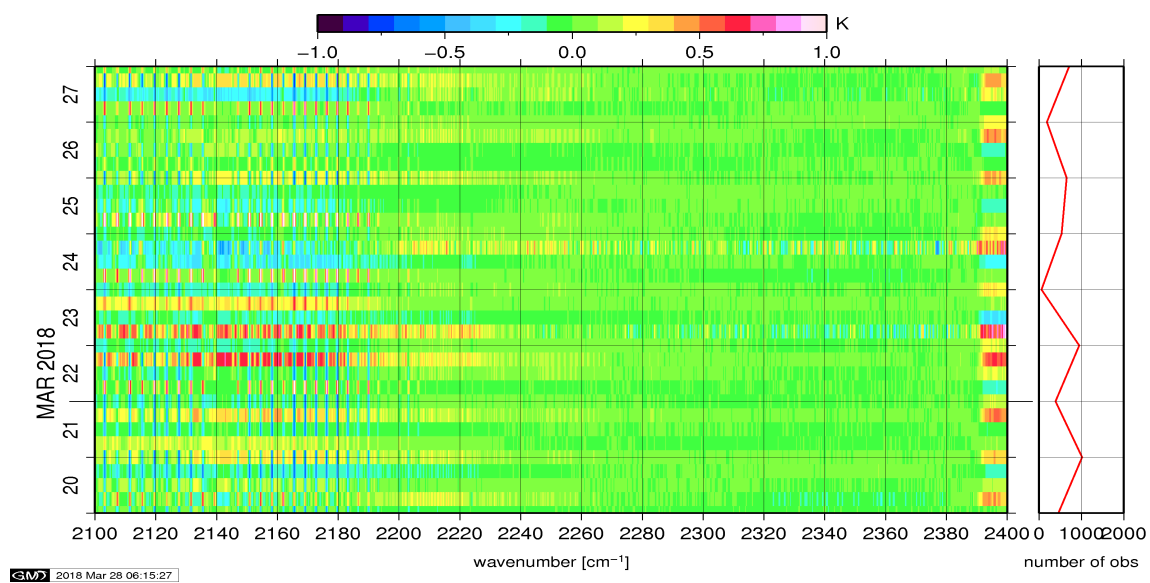


Figure 15: Radiance Anomaly in BRT: CO2 4.3

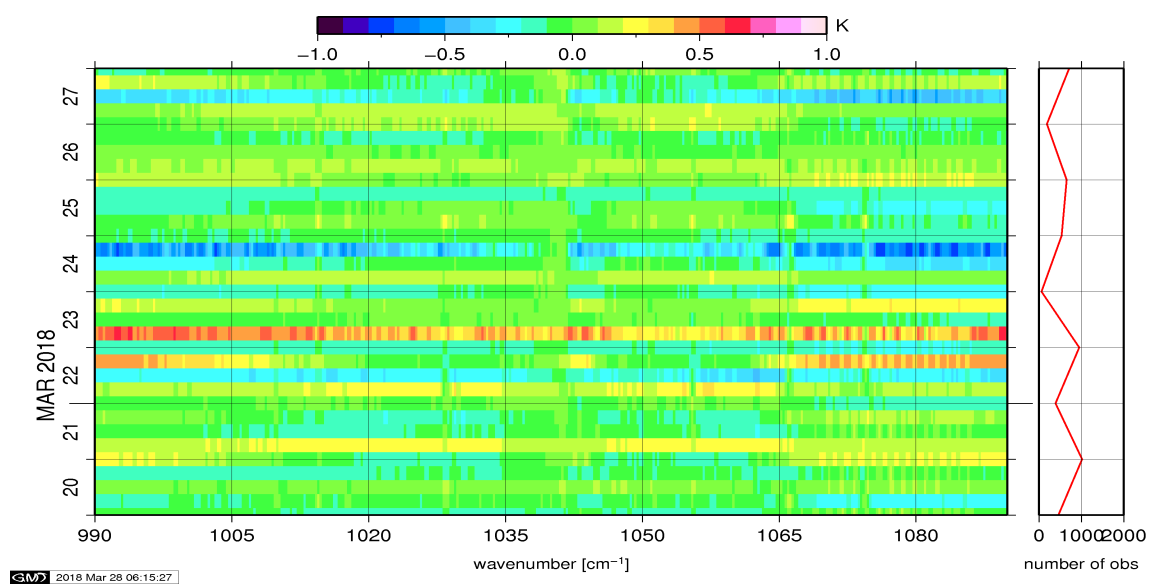


Figure 16: Radiance Anomaly in BRT: O3

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.

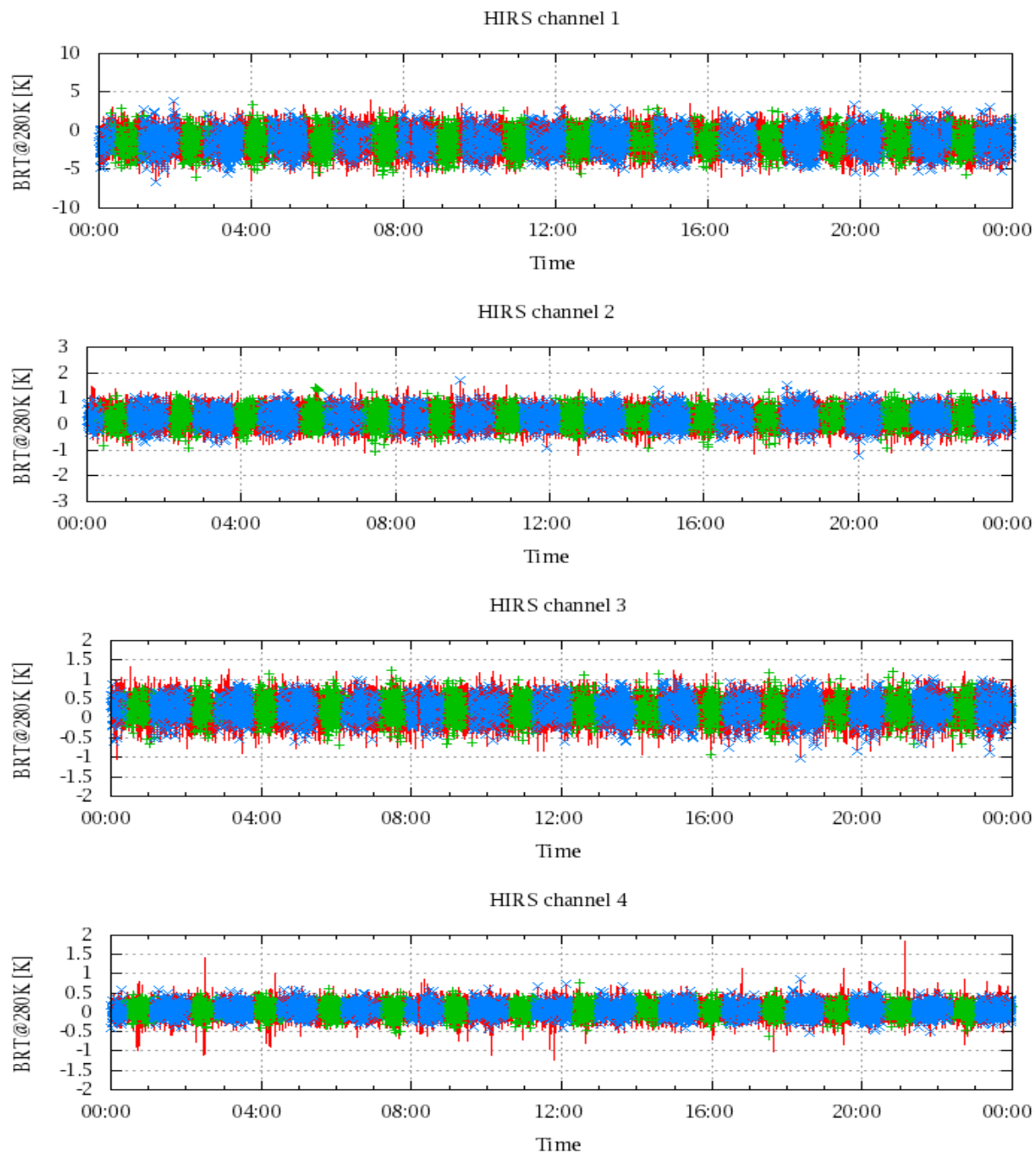


Figure 17: Radiance Differences in BRT

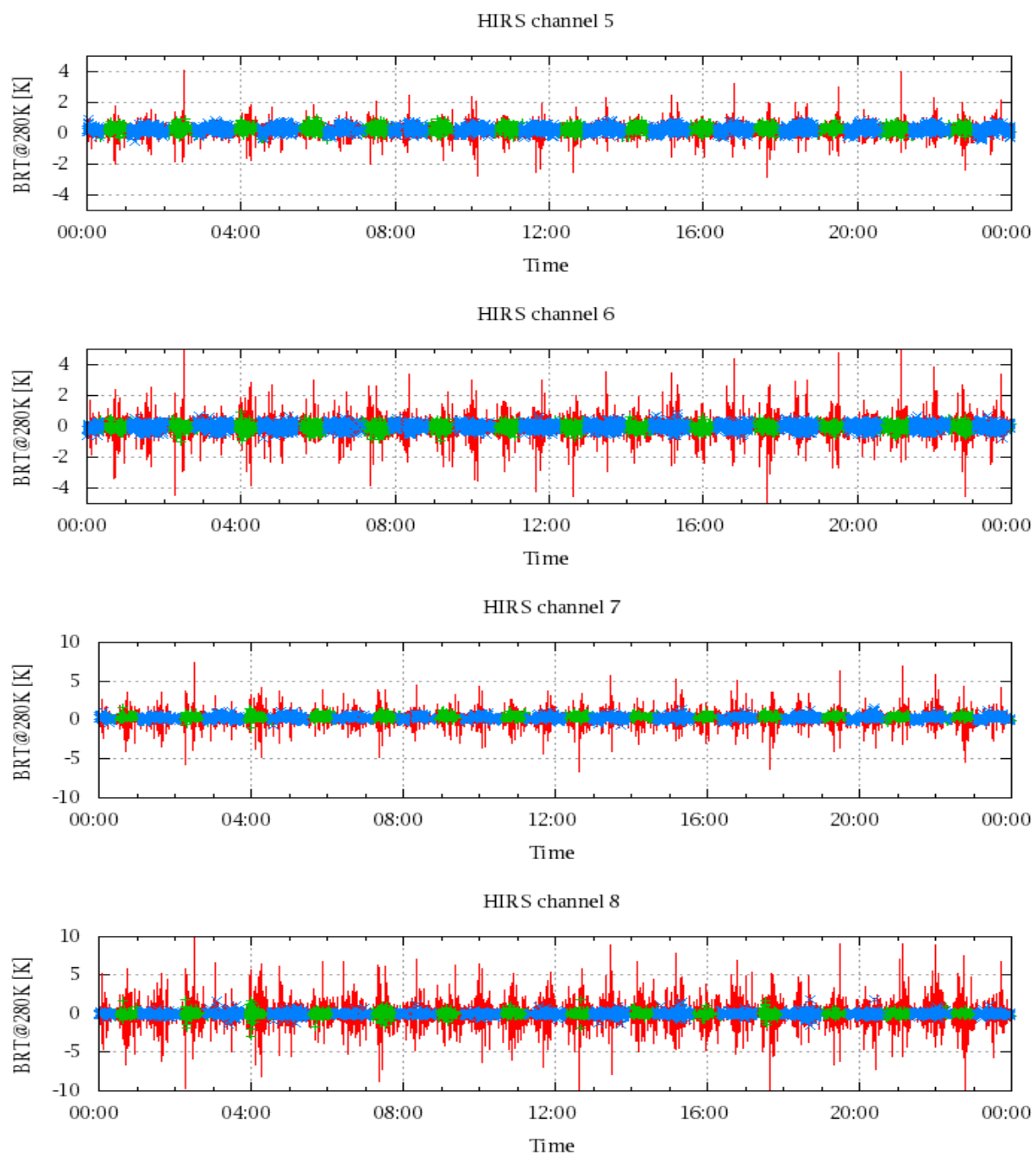


Figure 18: Radiance Differences in BRT

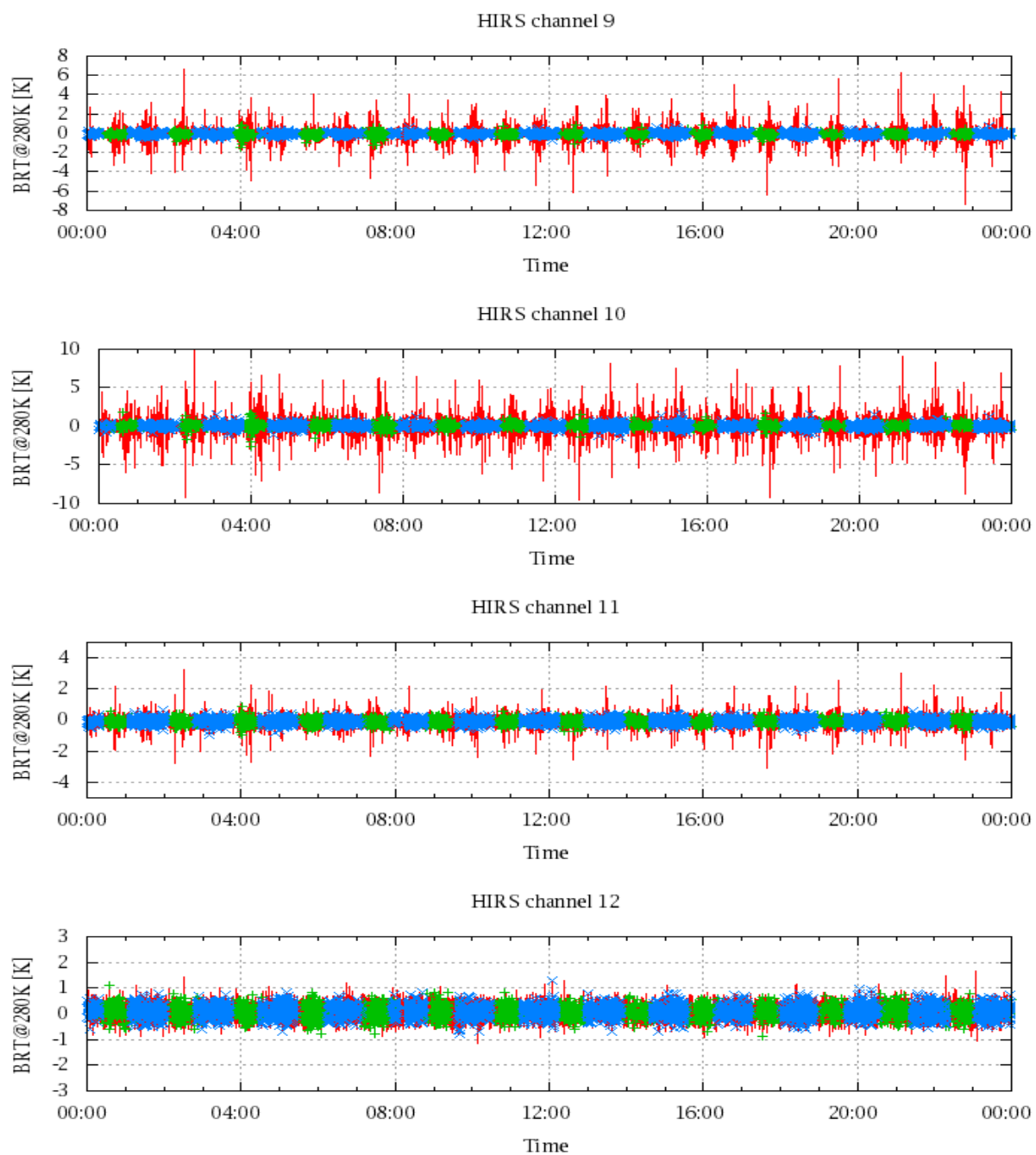


Figure 19: Radiance Differences in BRT

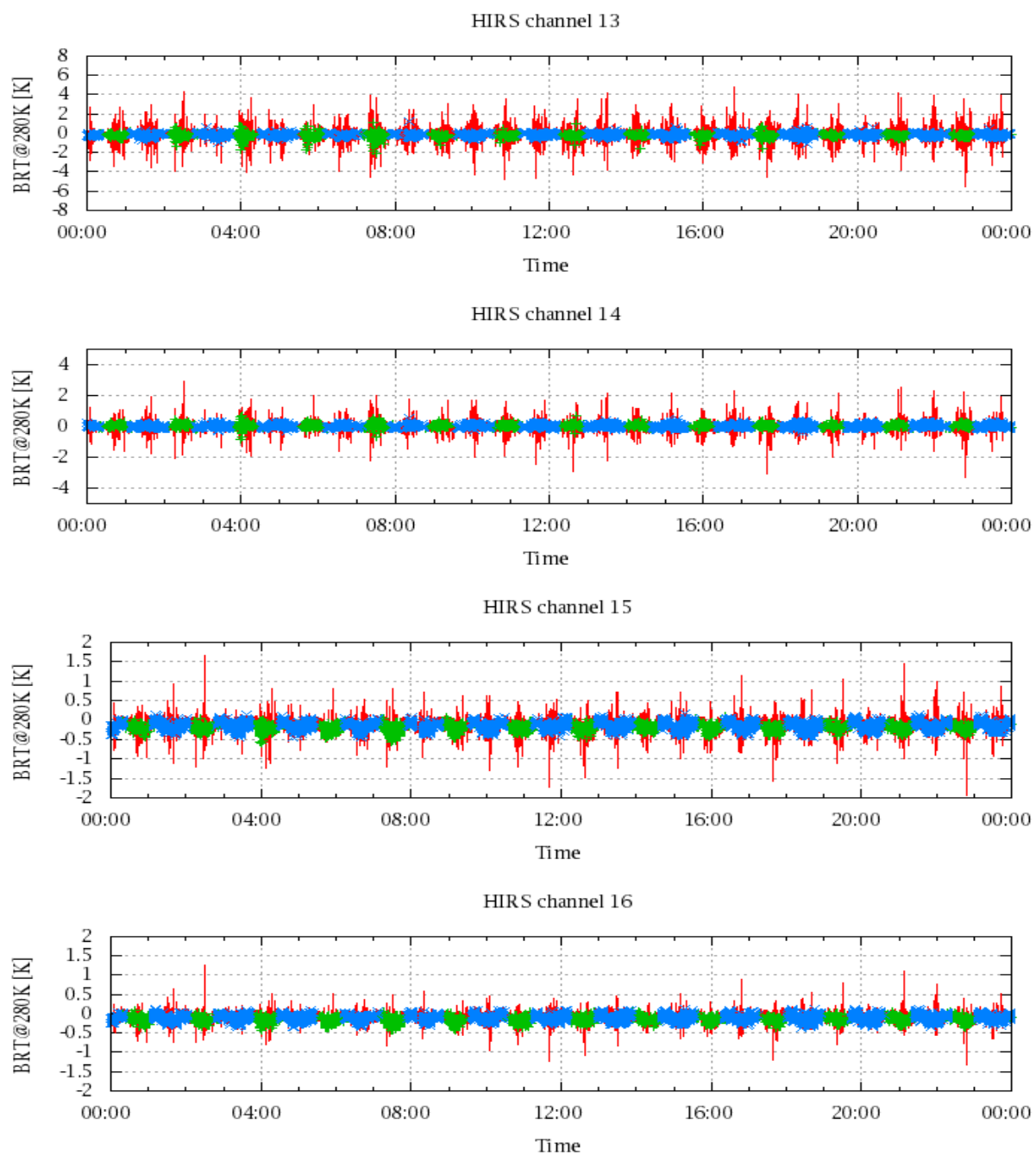


Figure 20: Radiance Differences in BRT

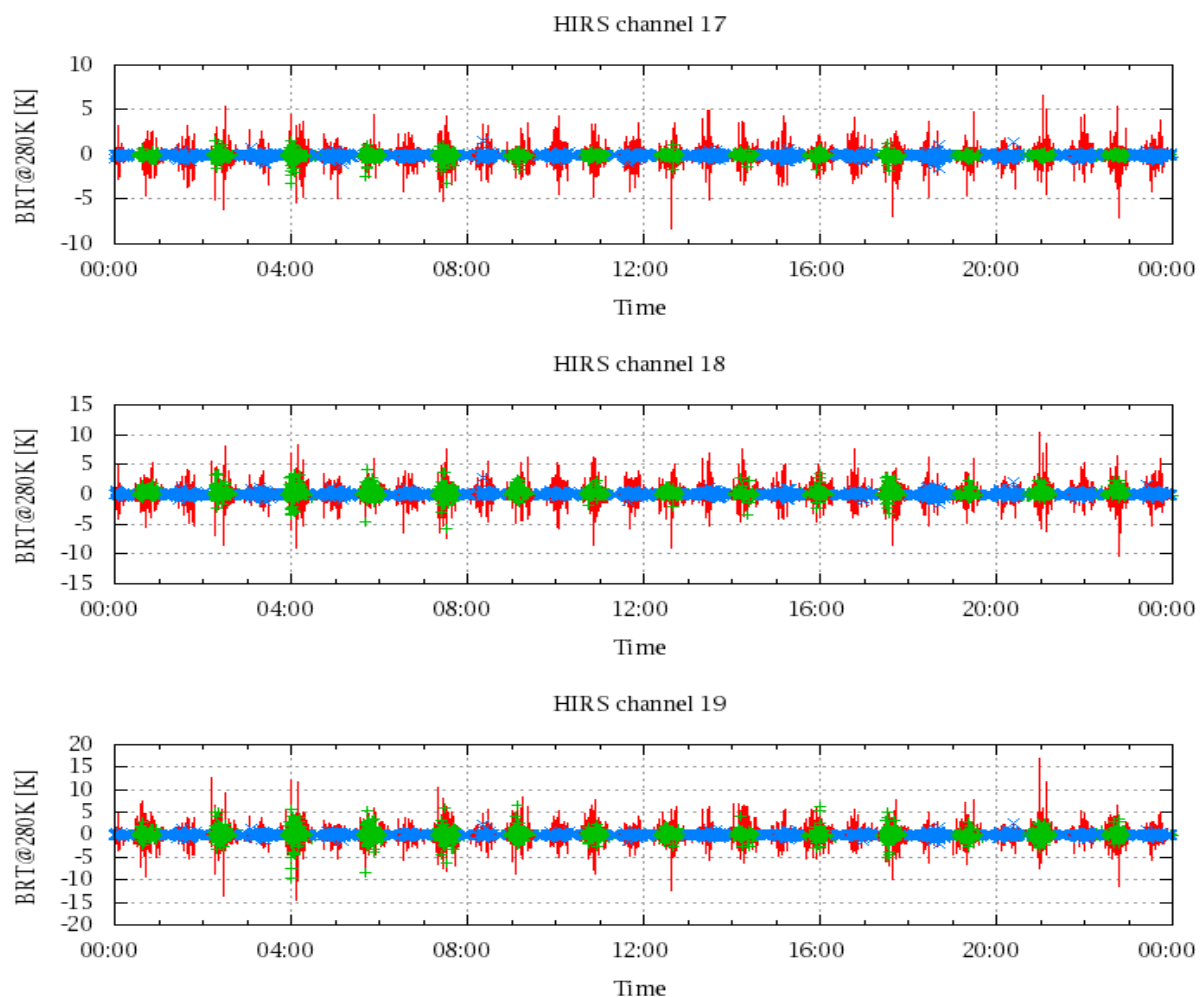


Figure 21: Radinace Differences in BRT