

IASI L0 and L1 Daily Monitoring Report **Metop-A**

IASI monitoring team

12/03/2020 00:00:00 - 13/03/2020 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 minutes data packet) for 12/03/2020 00:00:00 - 13/03/2020 00:00:00 .

The monitoring data are extracted on PDU basis.

2 Data quantity 12/03/2020 00:00:00 - 13/03/2020 00:00:00

Product Type	Number	Action
L0 HKTM PDUs	481	-
L0 IASI PDUs	481	-
L1 ENG PDUs	481	-
L1 ENG distinct GEPSGranule	481	-
L1 DPX PDUs (RM: IASI-HIRS)	0	e
L1 DPS Files (RM: OBS-CAL NWP based)	481	-

Table 1: Data quantity

APID	Seq from	Seq to	Time from	Time to
PX1 (130)	9917	9919	20200312043553.318	20200312043553.752
PX1 (130)	9935	9937	20200312043557.213	20200312043557.642
PX1 (130)	9948	9950	20200312043601.537	20200312043601.970
PX1 (130)	9954	9956	20200312043602.834	20200312043603.267
PX1 (130)	9957	9959	20200312043603.482	20200312043603.916
PX1 (130)	9961	9964	20200312043604.349	20200312043604.994
PX1 (130)	9965	9967	20200312043605.212	20200312043605.646
PX1 (130)	9977	9980	20200312043609.318	20200312043609.970
PX1 (130)	9980	9982	20200312043609.970	20200312043610.400
PX1 (130)	9984	9986	20200312043610.834	20200312043611.267
PX1 (130)	9986	9988	20200312043611.267	20200312043611.697
PX1 (130)	9991	9993	20200312043612.345	20200312043612.779
PX1 (130)	9996	9999	20200312043613.427	20200312043614.076
PX1 (130)	9999	10002	20200312043614.076	20200312043616.240
PX1 (130)	10007	10009	20200312043617.318	20200312043617.752
PX1 (130)	10009	10012	20200312043617.752	20200312043618.400
PX1 (130)	10019	10022	20200312043619.916	20200312043620.560
PX1 (130)	10024	10026	20200312043620.994	20200312043621.427
PX1 (130)	10026	10028	20200312043621.427	20200312043621.861
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Table 2 – continued from previous page

APID	Seq from	Seq to	Time from	Time to
PX1 (130)	10028	10031	20200312043621.861	20200312043624.021
PX1 (130)	10033	10035	20200312043624.455	20200312043624.888
PX1 (130)	10040	10042	20200312043625.966	20200312043626.400
PX1 (130)	10044	10046	20200312043626.834	20200312043627.267
PX1 (130)	10047	10049	20200312043627.482	20200312043627.912
PX1 (130)	10054	10056	20200312043628.994	20200312043629.427
PX1 (130)	10058	10061	20200312043629.861	20200312043632.021
PX1 (130)	10063	10065	20200312043632.455	20200312043632.888
PX1 (130)	10069	10071	20200312043633.751	20200312043634.185
PX1 (130)	10080	10082	20200312043636.130	20200312043636.560
PX1 (130)	10089	10091	20200312043638.076	20200312043640.021
PX1 (130)	10091	10093	20200312043640.021	20200312043640.455
PX1 (130)	10093	10095	20200312043640.455	20200312043640.884
PX1 (130)	10097	10099	20200312043641.318	20200312043641.751
PX1 (130)	10099	10101	20200312043641.751	20200312043642.185
PX1 (130)	10102	10104	20200312043642.400	20200312043642.833
PX1 (130)	10104	10106	20200312043642.833	20200312043643.263
PX1 (130)	10106	10108	20200312043643.263	20200312043643.697
PX1 (130)	10108	10111	20200312043643.697	20200312043644.345
PX1 (130)	10113	10116	20200312043644.779	20200312043645.427
PX1 (130)	10122	10127	20200312043648.236	20200312043649.318
PX1 (130)	10128	10131	20200312043649.533	20200312043650.185
PX1 (130)	10131	10133	20200312043650.185	20200312043650.615
PX1 (130)	10135	10137	20200312043651.048	20200312043651.482
PX1 (130)	10146	10148	20200312043653.427	20200312043653.857
PX1 (130)	10153	10155	20200312043656.455	20200312043656.884
PX1 (130)	10155	10157	20200312043656.884	20200312043657.318
PX1 (130)	10159	10163	20200312043657.751	20200312043658.615
PX1 (130)	10164	10166	20200312043658.833	20200312043659.263
PX1 (130)	10169	10171	20200312043659.912	20200312043700.345
PX1 (130)	10178	10181	20200312043701.861	20200312043704.021
PX1 (130)	10182	10186	20200312043704.236	20200312043705.103
PX1 (130)	10186	10188	20200312043705.103	20200312043705.533
PX1 (130)	10193	10195	20200312043706.615	20200312043707.048
PX1 (130)	10197	10199	20200312043707.482	20200312043707.912
PX1 (130)	10200	10203	20200312043708.126	20200312043708.779
PX1 (130)	10204	10206	20200312043708.994	20200312043709.427
PX1 (130)	10207	10209	20200312043709.642	20200312043710.076
PX1 (130)	10213	10215	20200312043712.451	20200312043712.884
PX1 (130)	10217	10220	20200312043713.318	20200312043713.966
PX1 (130)	10221	10223	20200312043714.181	20200312043714.615
PX1 (130)	10224	10227	20200312043714.833	20200312043715.478
PX1 (130)	10229	10231	20200312043715.912	20200312043716.345
PX1 (130)	10239	10241	20200312043718.076	20200312043720.021
PX1 (130)	10246	10248	20200312043721.099	20200312043721.533
PX1 (130)	10251	10253	20200312043722.181	20200312043722.615
PX1 (130)	10261	10263	20200312043724.345	20200312043724.779
PX1 (130)	10263	10265	20200312043724.779	20200312043725.208
PX1 (130)	10266	10268	20200312043725.427	20200312043725.857
PX1 (130)	10272	10274	20200312043728.236	20200312043728.669
PX1 (130)	10282	10285	20200312043730.400	20200312043731.048
PX1 (130)	10335	10337	20200312043744.884	20200312043745.318
PX1 (130)	10450	10452	20200312043814.290	20200312043816.236
Continued on next page				

Table 2 – continued from previous page

APID	Seq from	Seq to	Time from	Time to
PX1 (130)	10466	10468	20200312043819.263	20200312043819.697
PX1 (130)	10795	10797	20200312043947.044	20200312043947.478
PX1 (130)	10853	10856	20200312044002.610	20200312044003.259
PX1 (130)	10862	10864	20200312044004.556	20200312044004.989
PX1 (130)	10870	10872	20200312044006.286	20200312044008.231
PX1 (130)	10884	10886	20200312044010.825	20200312044011.259
PX1 (130)	10886	10888	20200312044011.259	20200312044011.692
PX1 (130)	10889	10891	20200312044011.907	20200312044012.341
PX1 (130)	10893	10895	20200312044012.771	20200312044013.204
PX1 (130)	10900	10902	20200312044014.286	20200312044016.231
PX1 (130)	10924	10926	20200312044020.989	20200312044021.419
PX1 (130)	10928	10930	20200312044021.853	20200312044022.286
PX1 (130)	10937	10939	20200312044025.313	20200312044025.743
PX1 (130)	10951	10953	20200312044028.337	20200312044028.770
PX1 (130)	10993	10995	20200312044040.446	20200312044040.880
PX1 (130)	10998	11000	20200312044041.528	20200312044041.962
PX1 (130)	11003	11005	20200312044042.610	20200312044043.040
PX1 (130)	11005	11007	20200312044043.040	20200312044043.474
PX1 (130)	11007	11010	20200312044043.474	20200312044044.122
PX1 (130)	11010	11012	20200312044044.122	20200312044044.556
PX1 (130)	11016	11019	20200312044045.419	20200312044046.067
PX1 (130)	11032	11034	20200312044050.392	20200312044050.825
PX1 (130)	11044	11046	20200312044052.985	20200312044053.419
PX1 (130)	11046	11048	20200312044053.419	20200312044053.852
PX1 (130)	11050	11052	20200312044054.282	20200312044056.231
PX1 (130)	11060	11062	20200312044057.962	20200312044058.392
PX1 (130)	11067	11069	20200312044059.474	20200312044059.903
PX1 (130)	11071	11073	20200312044100.337	20200312044100.770
PX1 (130)	11076	11078	20200312044101.419	20200312044101.852
PX1 (130)	11083	11085	20200312044104.446	20200312044104.880
PX1 (130)	11085	11087	20200312044104.880	20200312044105.309
PX1 (130)	11087	11089	20200312044105.309	20200312044105.743
PX1 (130)	11090	11092	20200312044105.958	20200312044106.391
PX1 (130)	11098	11100	20200312044107.688	20200312044108.122
PX1 (130)	11107	11109	20200312044109.634	20200312044110.067
PX1 (130)	11110	11114	20200312044110.282	20200312044112.661
PX1 (130)	11115	11117	20200312044112.876	20200312044113.309
PX1 (130)	11119	11123	20200312044113.743	20200312044114.606
PX1 (130)	11123	11125	20200312044114.606	20200312044115.040
PX1 (130)	11130	11132	20200312044116.122	20200312044116.556
PX1 (130)	11137	11139	20200312044117.634	20200312044118.067
PX1 (130)	11139	11141	20200312044118.067	20200312044120.013
PX1 (130)	11141	11143	20200312044120.013	20200312044120.446
PX1 (130)	11155	11157	20200312044123.040	20200312044123.473
PX1 (130)	11159	11162	20200312044123.907	20200312044124.552
PX1 (130)	11165	11167	20200312044125.204	20200312044125.634
PX1 (130)	11174	11176	20200312044128.661	20200312044129.095
PX1 (130)	11179	11182	20200312044129.743	20200312044130.391
PX1 (130)	11182	11186	20200312044130.391	20200312044131.255
PX1 (130)	11187	11190	20200312044131.473	20200312044132.122
PX1 (130)	11190	11192	20200312044132.122	20200312044132.555
PX1 (130)	11193	11196	20200312044132.770	20200312044133.419
PX1 (130)	11197	11199	20200312044133.634	20200312044134.067
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Table 2 – continued from previous page

APID	Seq from	Seq to	Time from	Time to
PX1 (130)	11205	11207	20200312044136.880	20200312044137.309
PX1 (130)	11209	11213	20200312044137.743	20200312044138.606
PX1 (130)	11213	11215	20200312044138.606	20200312044139.040
PX1 (130)	11215	11217	20200312044139.040	20200312044139.473
PX1 (130)	11217	11220	20200312044139.473	20200312044140.122
PX1 (130)	11221	11224	20200312044140.337	20200312044140.985
PX1 (130)	11226	11229	20200312044141.419	20200312044142.067
PX1 (130)	11232	11234	20200312044144.227	20200312044144.661
PX1 (130)	11234	11236	20200312044144.661	20200312044145.095
PX1 (130)	11236	11239	20200312044145.095	20200312044145.743
PX1 (130)	11240	11242	20200312044145.958	20200312044146.391
PX1 (130)	11242	11244	20200312044146.391	20200312044146.825
PX1 (130)	11244	11246	20200312044146.825	20200312044147.255
PX1 (130)	11246	11248	20200312044147.255	20200312044147.688
PX1 (130)	11254	11256	20200312044148.985	20200312044149.419
PX1 (130)	11256	11258	20200312044149.419	20200312044149.852
PX1 (130)	11258	11260	20200312044149.852	20200312044150.282
PX1 (130)	11266	11268	20200312044153.095	20200312044153.524
PX1 (130)	11280	11282	20200312044156.122	20200312044156.552
PX1 (130)	11368	11371	20200312044219.688	20200312044220.337
PX1 (130)	12428	12430	20200312044701.879	20200312044702.309
PX1 (130)	12525	12527	20200312044728.906	20200312044729.336
PX1 (130)	12559	12561	20200312044737.770	20200312044738.199
PX1 (130)	12613	12615	20200312044752.473	20200312044752.902
PX1 (130)	12634	12636	20200312044757.012	20200312044757.445
PX1 (130)	12654	12656	20200312044802.848	20200312044803.281
PX1 (130)	12661	12663	20200312044804.363	20200312044804.797
PX2 (135)	9915	9917	20200312043552.888	20200312043553.318
PX2 (135)	9926	9928	20200312043555.267	20200312043555.701
PX2 (135)	9929	9931	20200312043555.916	20200312043556.345
PX2 (135)	9935	9938	20200312043557.213	20200312043557.861
PX2 (135)	9946	9948	20200312043601.103	20200312043601.537
PX2 (135)	9949	9951	20200312043601.752	20200312043602.185
PX2 (135)	9958	9960	20200312043603.697	20200312043604.130
PX2 (135)	9983	9985	20200312043610.615	20200312043611.048
PX2 (135)	9986	9988	20200312043611.267	20200312043611.697
PX2 (135)	9992	9994	20200312043612.564	20200312043612.994
PX2 (135)	9994	9996	20200312043612.994	20200312043613.427
PX2 (135)	9996	9998	20200312043613.427	20200312043613.861
PX2 (135)	10006	10008	20200312043617.103	20200312043617.537
PX2 (135)	10008	10011	20200312043617.537	20200312043618.185
PX2 (135)	10012	10014	20200312043618.400	20200312043618.834
PX2 (135)	10015	10017	20200312043619.048	20200312043619.482
PX2 (135)	10020	10022	20200312043620.130	20200312043620.560
PX2 (135)	10025	10028	20200312043621.212	20200312043621.861
PX2 (135)	10033	10035	20200312043624.455	20200312043624.888
PX2 (135)	10036	10038	20200312043625.103	20200312043625.537
PX2 (135)	10040	10042	20200312043625.966	20200312043626.400
PX2 (135)	10042	10046	20200312043626.400	20200312043627.267
PX2 (135)	10046	10050	20200312043627.267	20200312043628.130
PX2 (135)	10053	10055	20200312043628.779	20200312043629.209
PX2 (135)	10058	10061	20200312043629.861	20200312043632.021
PX2 (135)	10065	10067	20200312043632.888	20200312043633.318

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Table 2 – continued from previous page

APID	Seq from	Seq to	Time from	Time to
PX2 (135)	10077	10079	20200312043635.482	20200312043635.916
PX2 (135)	10081	10083	20200312043636.345	20200312043636.779
PX2 (135)	10089	10091	20200312043638.076	20200312043640.021
PX2 (135)	10091	10093	20200312043640.021	20200312043640.455
PX2 (135)	10093	10097	20200312043640.455	20200312043641.318
PX2 (135)	10097	10100	20200312043641.318	20200312043641.966
PX2 (135)	10112	10114	20200312043644.564	20200312043644.994
PX2 (135)	10118	10120	20200312043645.861	20200312043646.291
PX2 (135)	10120	10122	20200312043646.291	20200312043648.236
PX2 (135)	10122	10124	20200312043648.236	20200312043648.669
PX2 (135)	10128	10131	20200312043649.533	20200312043650.185
PX2 (135)	10134	10136	20200312043650.833	20200312043651.263
PX2 (135)	10136	10138	20200312043651.263	20200312043651.697
PX2 (135)	10138	10142	20200312043651.697	20200312043652.560
PX2 (135)	10145	10148	20200312043653.212	20200312043653.857
PX2 (135)	10148	10150	20200312043653.857	20200312043654.290
PX2 (135)	10155	10157	20200312043656.884	20200312043657.318
PX2 (135)	10160	10162	20200312043657.966	20200312043658.400
PX2 (135)	10172	10174	20200312043700.560	20200312043700.994
PX2 (135)	10178	10181	20200312043701.861	20200312043704.021
PX2 (135)	10182	10184	20200312043704.236	20200312043704.669
PX2 (135)	10184	10186	20200312043704.669	20200312043705.103
PX2 (135)	10193	10195	20200312043706.615	20200312043707.048
PX2 (135)	10195	10199	20200312043707.048	20200312043707.912
PX2 (135)	10206	10209	20200312043709.427	20200312043710.076
PX2 (135)	10210	10213	20200312043710.290	20200312043712.451
PX2 (135)	10213	10216	20200312043712.451	20200312043713.103
PX2 (135)	10219	10221	20200312043713.751	20200312043714.181
PX2 (135)	10221	10223	20200312043714.181	20200312043714.615
PX2 (135)	10229	10232	20200312043715.912	20200312043716.560
PX2 (135)	10244	10246	20200312043720.669	20200312043721.099
PX2 (135)	10247	10249	20200312043721.318	20200312043721.751
PX2 (135)	10255	10257	20200312043723.048	20200312043723.482
PX2 (135)	10257	10259	20200312043723.482	20200312043723.912
PX2 (135)	10260	10262	20200312043724.126	20200312043724.560
PX2 (135)	10278	10280	20200312043729.533	20200312043729.966
PX2 (135)	10290	10292	20200312043732.130	20200312043732.560
PX2 (135)	10395	10397	20200312043800.884	20200312043801.318
PX2 (135)	10551	10553	20200312043842.181	20200312043842.614
PX2 (135)	10704	10706	20200312043922.829	20200312043923.259
PX2 (135)	10767	10769	20200312043939.474	20200312043939.907
PX2 (135)	10787	10789	20200312043945.314	20200312043945.747
PX2 (135)	10832	10834	20200312043956.556	20200312043956.989
PX2 (135)	10847	10849	20200312044001.314	20200312044001.747
PX2 (135)	10858	10861	20200312044003.692	20200312044004.341
PX2 (135)	10862	10864	20200312044004.556	20200312044004.989
PX2 (135)	10866	10868	20200312044005.419	20200312044005.853
PX2 (135)	10868	10870	20200312044005.853	20200312044006.286
PX2 (135)	10872	10874	20200312044008.231	20200312044008.665
PX2 (135)	10878	10880	20200312044009.528	20200312044009.962
PX2 (135)	10881	10884	20200312044010.177	20200312044010.825
PX2 (135)	10896	10898	20200312044013.423	20200312044013.853
PX2 (135)	10898	10900	20200312044013.853	20200312044014.286
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Table 2 – continued from previous page

APID	Seq from	Seq to	Time from	Time to
PX2 (135)	10901	10903	20200312044016.017	20200312044016.446
PX2 (135)	10904	10906	20200312044016.665	20200312044017.095
PX2 (135)	10909	10911	20200312044017.747	20200312044018.177
PX2 (135)	10913	10915	20200312044018.610	20200312044019.044
PX2 (135)	10930	10932	20200312044022.286	20200312044024.231
PX2 (135)	11005	11007	20200312044043.040	20200312044043.474
PX2 (135)	11008	11010	20200312044043.692	20200312044044.122
PX2 (135)	11012	11014	20200312044044.556	20200312044044.989
PX2 (135)	11036	11038	20200312044051.259	20200312044051.688
PX2 (135)	11045	11047	20200312044053.204	20200312044053.638
PX2 (135)	11059	11062	20200312044057.743	20200312044058.392
PX2 (135)	11068	11070	20200312044059.688	20200312044100.122
PX2 (135)	11070	11072	20200312044100.122	20200312044100.556
PX2 (135)	11072	11074	20200312044100.556	20200312044100.985
PX2 (135)	11075	11077	20200312044101.204	20200312044101.634
PX2 (135)	11078	11080	20200312044101.852	20200312044102.286
PX2 (135)	11084	11087	20200312044104.661	20200312044105.309
PX2 (135)	11087	11089	20200312044105.309	20200312044105.743
PX2 (135)	11091	11093	20200312044106.177	20200312044106.610
PX2 (135)	11096	11099	20200312044107.255	20200312044107.907
PX2 (135)	11108	11110	20200312044109.852	20200312044110.282
PX2 (135)	11111	11115	20200312044112.013	20200312044112.876
PX2 (135)	11116	11118	20200312044113.095	20200312044113.528
PX2 (135)	11118	11120	20200312044113.528	20200312044113.958
PX2 (135)	11121	11125	20200312044114.177	20200312044115.040
PX2 (135)	11127	11129	20200312044115.474	20200312044115.903
PX2 (135)	11129	11131	20200312044115.903	20200312044116.337
PX2 (135)	11131	11133	20200312044116.337	20200312044116.770
PX2 (135)	11142	11146	20200312044120.227	20200312044121.095
PX2 (135)	11151	11153	20200312044122.177	20200312044122.606
PX2 (135)	11155	11157	20200312044123.040	20200312044123.473
PX2 (135)	11157	11159	20200312044123.473	20200312044123.907
PX2 (135)	11176	11178	20200312044129.095	20200312044129.528
PX2 (135)	11179	11182	20200312044129.743	20200312044130.391
PX2 (135)	11182	11187	20200312044130.391	20200312044131.473
PX2 (135)	11187	11189	20200312044131.473	20200312044131.903
PX2 (135)	11191	11193	20200312044132.337	20200312044132.770
PX2 (135)	11197	11199	20200312044133.634	20200312044134.067
PX2 (135)	11201	11203	20200312044136.013	20200312044136.446
PX2 (135)	11211	11213	20200312044138.177	20200312044138.606
PX2 (135)	11215	11218	20200312044139.040	20200312044139.688
PX2 (135)	11218	11220	20200312044139.688	20200312044140.122
PX2 (135)	11220	11223	20200312044140.122	20200312044140.770
PX2 (135)	11226	11228	20200312044141.419	20200312044141.848
PX2 (135)	11233	11235	20200312044144.446	20200312044144.876
PX2 (135)	11236	11238	20200312044145.095	20200312044145.528
PX2 (135)	11240	11242	20200312044145.958	20200312044146.391
PX2 (135)	11245	11247	20200312044147.040	20200312044147.470
PX2 (135)	11249	11251	20200312044147.903	20200312044148.337
PX2 (135)	11280	11282	20200312044156.122	20200312044156.552
PX2 (135)	11343	11345	20200312044212.770	20200312044213.200
PX2 (135)	11353	11355	20200312044216.442	20200312044216.876
PX2 (135)	12411	12413	20200312044658.203	20200312044658.637

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Table 2 – continued from previous page

APID	Seq from	Seq to	Time from	Time to
PX2 (135)	12525	12527	20200312044728.906	20200312044729.336
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PX2 (135)	12559	12561	20200312044737.770	20200312044738.199
PX2 (135)	12573	12575	20200312044740.797	20200312044741.227
PX2 (135)	12575	12577	20200312044741.227	20200312044741.660
PX2 (135)	12654	12656	20200312044802.848	20200312044803.281
PX2 (135)	13134	13136	20200312045010.843	20200312045011.277
PX2 (135)	13140	13142	20200312045012.144	20200312045012.574
PX3 (140)	9937	9939	20200312043557.642	20200312043558.076
PX3 (140)	9942	9944	20200312043600.240	20200312043600.670
PX3 (140)	9950	9952	20200312043601.970	20200312043602.400
PX3 (140)	9954	9956	20200312043602.834	20200312043603.267
PX3 (140)	9956	9958	20200312043603.267	20200312043603.697
PX3 (140)	9959	9962	20200312043603.916	20200312043604.564
PX3 (140)	9964	9966	20200312043604.994	20200312043605.427
PX3 (140)	9974	9976	20200312043608.673	20200312043609.103
PX3 (140)	9978	9980	20200312043609.537	20200312043609.970
PX3 (140)	9985	9987	20200312043611.048	20200312043611.482
PX3 (140)	9990	9992	20200312043612.130	20200312043612.564
PX3 (140)	9994	9996	20200312043612.994	20200312043613.427
PX3 (140)	9996	9998	20200312043613.427	20200312043613.861
PX3 (140)	9999	10002	20200312043614.076	20200312043616.240
PX3 (140)	10007	10009	20200312043617.318	20200312043617.752
PX3 (140)	10009	10012	20200312043617.752	20200312043618.400
PX3 (140)	10021	10023	20200312043620.345	20200312043620.779
PX3 (140)	10024	10026	20200312043620.994	20200312043621.427
PX3 (140)	10028	10030	20200312043621.861	20200312043622.291
PX3 (140)	10030	10032	20200312043622.291	20200312043624.240
PX3 (140)	10035	10037	20200312043624.888	20200312043625.318
PX3 (140)	10037	10039	20200312043625.318	20200312043625.751
PX3 (140)	10042	10045	20200312043626.400	20200312043627.048
PX3 (140)	10045	10047	20200312043627.048	20200312043627.482
PX3 (140)	10047	10049	20200312043627.482	20200312043627.912
PX3 (140)	10051	10053	20200312043628.345	20200312043628.779
PX3 (140)	10058	10060	20200312043629.861	20200312043630.291
PX3 (140)	10060	10062	20200312043630.291	20200312043632.236
PX3 (140)	10064	10066	20200312043632.669	20200312043633.103
PX3 (140)	10066	10068	20200312043633.103	20200312043633.537
PX3 (140)	10070	10072	20200312043633.966	20200312043634.400
PX3 (140)	10075	10079	20200312043635.048	20200312043635.916
PX3 (140)	10079	10082	20200312043635.916	20200312043636.560
PX3 (140)	10083	10085	20200312043636.779	20200312043637.212
PX3 (140)	10086	10088	20200312043637.427	20200312043637.857
PX3 (140)	10088	10092	20200312043637.857	20200312043640.240
PX3 (140)	10093	10096	20200312043640.455	20200312043641.103
PX3 (140)	10098	10100	20200312043641.537	20200312043641.966
PX3 (140)	10104	10106	20200312043642.833	20200312043643.263
PX3 (140)	10107	10109	20200312043643.482	20200312043643.912
PX3 (140)	10112	10115	20200312043644.564	20200312043645.208
PX3 (140)	10116	10118	20200312043645.427	20200312043645.861
PX3 (140)	10119	10124	20200312043646.076	20200312043648.669
PX3 (140)	10124	10127	20200312043648.669	20200312043649.318
PX3 (140)	10127	10130	20200312043649.318	20200312043649.966
Continued on next page				

Table 2 – continued from previous page

APID	Seq from	Seq to	Time from	Time to
PX3 (140)	10130	10132	20200312043649.966	20200312043650.400
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PX3 (140)	10140	10144	20200312043652.130	20200312043652.994
PX3 (140)	10144	10146	20200312043652.994	20200312043653.427
PX3 (140)	10157	10159	20200312043657.318	20200312043657.751
PX3 (140)	10168	10171	20200312043659.697	20200312043700.345
PX3 (140)	10171	10173	20200312043700.345	20200312043700.779
PX3 (140)	10174	10176	20200312043700.994	20200312043701.427
PX3 (140)	10176	10178	20200312043701.427	20200312043701.861
PX3 (140)	10185	10191	20200312043704.884	20200312043706.185
PX3 (140)	10195	10197	20200312043707.048	20200312043707.482
PX3 (140)	10200	10202	20200312043708.126	20200312043708.560
PX3 (140)	10202	10204	20200312043708.560	20200312043708.994
PX3 (140)	10204	10206	20200312043708.994	20200312043709.427
PX3 (140)	10213	10216	20200312043712.451	20200312043713.103
PX3 (140)	10218	10220	20200312043713.533	20200312043713.966
PX3 (140)	10220	10223	20200312043713.966	20200312043714.615
PX3 (140)	10233	10235	20200312043716.775	20200312043717.208
PX3 (140)	10237	10239	20200312043717.642	20200312043718.076
PX3 (140)	10257	10259	20200312043723.482	20200312043723.912
PX3 (140)	10259	10261	20200312043723.912	20200312043724.345
PX3 (140)	10287	10289	20200312043731.478	20200312043731.912
PX3 (140)	10295	10297	20200312043733.208	20200312043733.642
PX3 (140)	10372	10374	20200312043754.396	20200312043754.829
PX3 (140)	10416	10418	20200312043805.423	20200312043805.857
PX3 (140)	10782	10784	20200312043944.232	20200312043944.665
PX3 (140)	10820	10822	20200312043953.962	20200312043954.396
PX3 (140)	10856	10858	20200312044003.259	20200312044003.692
PX3 (140)	10867	10869	20200312044005.638	20200312044006.071
PX3 (140)	10869	10871	20200312044006.071	20200312044008.017
PX3 (140)	10873	10875	20200312044008.446	20200312044008.880
PX3 (140)	10876	10878	20200312044009.099	20200312044009.528
PX3 (140)	10880	10882	20200312044009.962	20200312044010.396
PX3 (140)	10882	10884	20200312044010.396	20200312044010.825
PX3 (140)	10899	10901	20200312044014.067	20200312044016.017
PX3 (140)	10903	10905	20200312044016.446	20200312044016.880
PX3 (140)	10905	10907	20200312044016.880	20200312044017.313
PX3 (140)	10907	10910	20200312044017.313	20200312044017.962
PX3 (140)	10911	10913	20200312044018.177	20200312044018.610
PX3 (140)	10931	10933	20200312044024.013	20200312044024.446
PX3 (140)	10934	10937	20200312044024.665	20200312044025.313
PX3 (140)	10941	10943	20200312044026.177	20200312044026.610
PX3 (140)	10977	10979	20200312044035.474	20200312044035.907
PX3 (140)	10995	10997	20200312044040.880	20200312044041.313
PX3 (140)	11001	11005	20200312044042.177	20200312044043.040
PX3 (140)	11032	11034	20200312044050.392	20200312044050.825
PX3 (140)	11046	11048	20200312044053.419	20200312044053.852
PX3 (140)	11048	11050	20200312044053.852	20200312044054.282
PX3 (140)	11051	11053	20200312044056.013	20200312044056.446
PX3 (140)	11058	11061	20200312044057.528	20200312044058.177
PX3 (140)	11061	11064	20200312044058.177	20200312044058.825
PX3 (140)	11065	11067	20200312044059.040	20200312044059.474
PX3 (140)	11073	11075	20200312044100.770	20200312044101.204
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APID	Seq from	Seq to	Time from	Time to
PX3 (140)	11082	11084	20200312044104.231	20200312044104.661
PX3 (140)	11084	11086	20200312044104.661	20200312044105.095
PX3 (140)	11087	11089	20200312044105.309	20200312044105.743
PX3 (140)	11092	11094	20200312044106.391	20200312044106.825
PX3 (140)	11104	11106	20200312044108.985	20200312044109.419
PX3 (140)	11113	11115	20200312044112.446	20200312044112.876
PX3 (140)	11119	11121	20200312044113.743	20200312044114.177
PX3 (140)	11124	11127	20200312044114.825	20200312044115.474
PX3 (140)	11130	11132	20200312044116.122	20200312044116.556
PX3 (140)	11135	11137	20200312044117.200	20200312044117.634
PX3 (140)	11142	11144	20200312044120.227	20200312044120.661
PX3 (140)	11144	11146	20200312044120.661	20200312044121.095
PX3 (140)	11146	11148	20200312044121.095	20200312044121.528
PX3 (140)	11151	11153	20200312044122.177	20200312044122.606
PX3 (140)	11155	11157	20200312044123.040	20200312044123.473
PX3 (140)	11157	11159	20200312044123.473	20200312044123.907
PX3 (140)	11159	11162	20200312044123.907	20200312044124.552
PX3 (140)	11171	11173	20200312044128.013	20200312044128.446
PX3 (140)	11173	11175	20200312044128.446	20200312044128.876
PX3 (140)	11177	11180	20200312044129.309	20200312044129.958
PX3 (140)	11180	11183	20200312044129.958	20200312044130.606
PX3 (140)	11183	11185	20200312044130.606	20200312044131.040
PX3 (140)	11185	11189	20200312044131.040	20200312044131.903
PX3 (140)	11190	11193	20200312044132.122	20200312044132.770
PX3 (140)	11196	11199	20200312044133.419	20200312044134.067
PX3 (140)	11201	11203	20200312044136.013	20200312044136.446
PX3 (140)	11205	11207	20200312044136.880	20200312044137.309
PX3 (140)	11210	11213	20200312044137.958	20200312044138.606
PX3 (140)	11214	11216	20200312044138.821	20200312044139.255
PX3 (140)	11218	11223	20200312044139.688	20200312044140.770
PX3 (140)	11224	11226	20200312044140.985	20200312044141.419
PX3 (140)	11229	11231	20200312044142.067	20200312044144.012
PX3 (140)	11233	11236	20200312044144.446	20200312044145.095
PX3 (140)	11239	11241	20200312044145.743	20200312044146.173
PX3 (140)	11241	11243	20200312044146.173	20200312044146.606
PX3 (140)	11247	11251	20200312044147.470	20200312044148.337
PX3 (140)	11251	11253	20200312044148.337	20200312044148.770
PX3 (140)	11262	11264	20200312044152.227	20200312044152.661
PX3 (140)	11295	11297	20200312044200.876	20200312044201.309
PX3 (140)	11326	11328	20200312044209.094	20200312044209.524
PX3 (140)	11353	11355	20200312044216.442	20200312044216.876
PX3 (140)	12478	12480	20200312044715.715	20200312044716.148
PX3 (140)	12525	12527	20200312044728.906	20200312044729.336
PX3 (140)	12628	12630	20200312044755.715	20200312044756.148
PX3 (140)	12641	12643	20200312044800.039	20200312044800.473
PX3 (140)	12692	12694	20200312044812.578	20200312044813.012
PX4 (145)	9910	9912	20200312043550.295	20200312043552.240
PX4 (145)	9914	9916	20200312043552.673	20200312043553.103
PX4 (145)	9941	9943	20200312043600.025	20200312043600.455
PX4 (145)	9958	9960	20200312043603.697	20200312043604.130
PX4 (145)	9963	9966	20200312043604.779	20200312043605.427
PX4 (145)	9967	9969	20200312043605.646	20200312043606.076
PX4 (145)	9974	9977	20200312043608.673	20200312043609.318
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PX4 (145)	9986	9988	20200312043611.267	20200312043611.697
PX4 (145)	9989	9991	20200312043611.912	20200312043612.345
PX4 (145)	9993	9995	20200312043612.779	20200312043613.212
PX4 (145)	9997	10000	20200312043613.642	20200312043614.294
PX4 (145)	10000	10003	20200312043614.294	20200312043616.455
PX4 (145)	10003	10005	20200312043616.455	20200312043616.888
PX4 (145)	10013	10015	20200312043618.619	20200312043619.048
PX4 (145)	10019	10021	20200312043619.916	20200312043620.345
PX4 (145)	10021	10023	20200312043620.345	20200312043620.779
PX4 (145)	10024	10026	20200312043620.994	20200312043621.427
PX4 (145)	10028	10030	20200312043621.861	20200312043622.291
PX4 (145)	10030	10032	20200312043622.291	20200312043624.240
PX4 (145)	10033	10035	20200312043624.455	20200312043624.888
PX4 (145)	10035	10037	20200312043624.888	20200312043625.318
PX4 (145)	10037	10039	20200312043625.318	20200312043625.751
PX4 (145)	10042	10044	20200312043626.400	20200312043626.834
PX4 (145)	10046	10048	20200312043627.267	20200312043627.697
PX4 (145)	10048	10050	20200312043627.697	20200312043628.130
PX4 (145)	10053	10055	20200312043628.779	20200312043629.209
PX4 (145)	10056	10058	20200312043629.427	20200312043629.861
PX4 (145)	10058	10060	20200312043629.861	20200312043630.291
PX4 (145)	10060	10062	20200312043630.291	20200312043632.236
PX4 (145)	10062	10064	20200312043632.236	20200312043632.669
PX4 (145)	10077	10079	20200312043635.482	20200312043635.916
PX4 (145)	10091	10096	20200312043640.021	20200312043641.103
PX4 (145)	10096	10098	20200312043641.103	20200312043641.537
PX4 (145)	10098	10100	20200312043641.537	20200312043641.966
PX4 (145)	10110	10112	20200312043644.130	20200312043644.564
PX4 (145)	10112	10115	20200312043644.564	20200312043645.208
PX4 (145)	10115	10117	20200312043645.208	20200312043645.642
PX4 (145)	10117	10119	20200312043645.642	20200312043646.076
PX4 (145)	10119	10121	20200312043646.076	20200312043648.021
PX4 (145)	10121	10124	20200312043648.021	20200312043648.669
PX4 (145)	10124	10126	20200312043648.669	20200312043649.103
PX4 (145)	10133	10136	20200312043650.615	20200312043651.263
PX4 (145)	10136	10138	20200312043651.263	20200312043651.697
PX4 (145)	10139	10141	20200312043651.912	20200312043652.345
PX4 (145)	10141	10144	20200312043652.345	20200312043652.994
PX4 (145)	10144	10147	20200312043652.994	20200312043653.642
PX4 (145)	10147	10151	20200312043653.642	20200312043656.021
PX4 (145)	10151	10153	20200312043656.021	20200312043656.455
PX4 (145)	10158	10161	20200312043657.537	20200312043658.181
PX4 (145)	10162	10164	20200312043658.400	20200312043658.833
PX4 (145)	10169	10171	20200312043659.912	20200312043700.345
PX4 (145)	10182	10184	20200312043704.236	20200312043704.669
PX4 (145)	10185	10187	20200312043704.884	20200312043705.318
PX4 (145)	10190	10193	20200312043705.966	20200312043706.615
PX4 (145)	10201	10204	20200312043708.345	20200312043708.994
PX4 (145)	10206	10208	20200312043709.427	20200312043709.857
PX4 (145)	10212	10214	20200312043712.236	20200312043712.669
PX4 (145)	10214	10217	20200312043712.669	20200312043713.318
PX4 (145)	10218	10220	20200312043713.533	20200312043713.966
PX4 (145)	10224	10226	20200312043714.833	20200312043715.263
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APID	Seq from	Seq to	Time from	Time to
PX4 (145)	10227	10229	20200312043715.478	20200312043715.912
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PX4 (145)	10233	10235	20200312043716.775	20200312043717.208
PX4 (145)	10239	10241	20200312043718.076	20200312043720.021
PX4 (145)	10247	10249	20200312043721.318	20200312043721.751
PX4 (145)	10252	10254	20200312043722.400	20200312043722.829
PX4 (145)	10259	10261	20200312043723.912	20200312043724.345
PX4 (145)	10274	10276	20200312043728.669	20200312043729.103
PX4 (145)	10324	10326	20200312043740.994	20200312043741.423
PX4 (145)	10368	10370	20200312043753.533	20200312043753.966
PX4 (145)	10372	10374	20200312043754.396	20200312043754.829
PX4 (145)	10421	10423	20200312043808.021	20200312043808.450
PX4 (145)	10471	10473	20200312043820.341	20200312043820.775
PX4 (145)	10584	10586	20200312043850.829	20200312043851.263
PX4 (145)	10669	10671	20200312043913.747	20200312043914.181
PX4 (145)	10816	10818	20200312043953.099	20200312043953.528
PX4 (145)	10835	10837	20200312043957.204	20200312043957.638
PX4 (145)	10875	10877	20200312044008.880	20200312044009.313
PX4 (145)	10883	10885	20200312044010.610	20200312044011.040
PX4 (145)	10895	10897	20200312044013.204	20200312044013.638
PX4 (145)	10897	10899	20200312044013.638	20200312044014.067
PX4 (145)	10900	10902	20200312044014.286	20200312044016.231
PX4 (145)	10907	10910	20200312044017.313	20200312044017.962
PX4 (145)	10918	10920	20200312044019.692	20200312044020.122
PX4 (145)	10922	10924	20200312044020.556	20200312044020.989
PX4 (145)	10930	10932	20200312044022.286	20200312044024.231
PX4 (145)	10932	10934	20200312044024.231	20200312044024.665
PX4 (145)	10938	10940	20200312044025.528	20200312044025.962
PX4 (145)	10941	10943	20200312044026.177	20200312044026.610
PX4 (145)	10947	10949	20200312044027.474	20200312044027.907
PX4 (145)	10977	10979	20200312044035.474	20200312044035.907
PX4 (145)	10981	10983	20200312044036.341	20200312044036.770
PX4 (145)	10998	11000	20200312044041.528	20200312044041.962
PX4 (145)	11036	11038	20200312044051.259	20200312044051.688
PX4 (145)	11040	11042	20200312044052.122	20200312044052.556
PX4 (145)	11043	11046	20200312044052.770	20200312044053.419
PX4 (145)	11047	11049	20200312044053.638	20200312044054.067
PX4 (145)	11059	11064	20200312044057.743	20200312044058.825
PX4 (145)	11076	11079	20200312044101.419	20200312044102.067
PX4 (145)	11081	11083	20200312044104.013	20200312044104.446
PX4 (145)	11085	11088	20200312044104.880	20200312044105.528
PX4 (145)	11088	11090	20200312044105.528	20200312044105.958
PX4 (145)	11092	11094	20200312044106.391	20200312044106.825
PX4 (145)	11094	11096	20200312044106.825	20200312044107.255
PX4 (145)	11107	11110	20200312044109.634	20200312044110.282
PX4 (145)	11110	11112	20200312044110.282	20200312044112.231
PX4 (145)	11116	11118	20200312044113.095	20200312044113.528
PX4 (145)	11119	11123	20200312044113.743	20200312044114.606
PX4 (145)	11124	11126	20200312044114.825	20200312044115.259
PX4 (145)	11126	11128	20200312044115.259	20200312044115.688
PX4 (145)	11131	11133	20200312044116.337	20200312044116.770
PX4 (145)	11139	11143	20200312044118.067	20200312044120.446
PX4 (145)	11146	11148	20200312044121.095	20200312044121.528
Continued on next page				

Table 2 – continued from previous page

APID	Seq from	Seq to	Time from	Time to
PX4 (145)	11154	11157	20200312044122.825	20200312044123.473
PX4 (145)	11171	11174	20200312044128.013	20200312044128.661
PX4 (145)	11179	11185	20200312044129.743	20200312044131.040
PX4 (145)	11185	11187	20200312044131.040	20200312044131.473
PX4 (145)	11187	11193	20200312044131.473	20200312044132.770
PX4 (145)	11193	11196	20200312044132.770	20200312044133.419
PX4 (145)	11211	11213	20200312044138.177	20200312044138.606
PX4 (145)	11215	11219	20200312044139.040	20200312044139.903
PX4 (145)	11219	11221	20200312044139.903	20200312044140.337
PX4 (145)	11221	11223	20200312044140.337	20200312044140.770
PX4 (145)	11224	11226	20200312044140.985	20200312044141.419
PX4 (145)	11226	11229	20200312044141.419	20200312044142.067
PX4 (145)	11230	11232	20200312044142.282	20200312044144.227
PX4 (145)	11232	11236	20200312044144.227	20200312044145.095
PX4 (145)	11236	11240	20200312044145.095	20200312044145.958
PX4 (145)	11240	11242	20200312044145.958	20200312044146.391
PX4 (145)	11245	11247	20200312044147.040	20200312044147.470
PX4 (145)	11247	11249	20200312044147.470	20200312044147.903
PX4 (145)	11251	11253	20200312044148.337	20200312044148.770
PX4 (145)	11255	11257	20200312044149.200	20200312044149.634
PX4 (145)	11259	11262	20200312044150.067	20200312044152.227
PX4 (145)	11289	11291	20200312044158.067	20200312044200.012
PX4 (145)	11293	11295	20200312044200.442	20200312044200.876
PX4 (145)	12503	12505	20200312044722.633	20200312044723.066
PX4 (145)	12529	12531	20200312044729.770	20200312044730.203
PX4 (145)	12531	12533	20200312044730.203	20200312044730.633
PX4 (145)	12555	12557	20200312044736.902	20200312044737.336
PX4 (145)	12578	12580	20200312044741.879	20200312044742.309
PX4 (145)	12581	12583	20200312044744.039	20200312044744.473
PX4 (145)	12598	12600	20200312044747.715	20200312044748.144
PX4 (145)	12629	12631	20200312044755.930	20200312044756.363
PX4 (145)	12692	12694	20200312044812.578	20200312044813.012
IMG (150)	11609	11611	20200312043600.888	20200312043601.322
IMG (150)	11611	11613	20200312043601.322	20200312043601.752
IMG (150)	11616	11618	20200312043602.400	20200312043602.834
IMG (150)	11647	11649	20200312043609.752	20200312043610.185
IMG (150)	11653	11655	20200312043611.048	20200312043611.482
IMG (150)	11657	11661	20200312043611.912	20200312043612.779
IMG (150)	11661	11664	20200312043612.779	20200312043613.427
IMG (150)	11671	11673	20200312043615.373	20200312043616.021
IMG (150)	11673	11676	20200312043616.021	20200312043616.669
IMG (150)	11681	11683	20200312043617.752	20200312043618.185
IMG (150)	11691	11693	20200312043619.916	20200312043620.345
IMG (150)	11706	11708	20200312043623.587	20200312043624.240
IMG (150)	11708	11710	20200312043624.240	20200312043624.669
IMG (150)	11710	11712	20200312043624.669	20200312043625.103
IMG (150)	11718	11721	20200312043626.400	20200312043627.048
IMG (150)	11726	11728	20200312043628.130	20200312043628.564
IMG (150)	11738	11740	20200312043630.939	20200312043631.591
IMG (150)	11741	11743	20200312043632.021	20200312043632.455
IMG (150)	11745	11747	20200312043632.888	20200312043633.318
IMG (150)	11748	11750	20200312043633.537	20200312043633.966
IMG (150)	11750	11753	20200312043633.966	20200312043634.615
Continued on next page				

Table 2 – continued from previous page

APID	Seq from	Seq to	Time from	Time to
IMG (150)	11757	11759	20200312043635.482	20200312043635.916
IMG (150)	11760	11762	20200312043636.130	20200312043636.560
IMG (150)	11762	11764	20200312043636.560	20200312043636.994
IMG (150)	11769	11771	20200312043638.076	20200312043638.724
IMG (150)	11773	11775	20200312043639.373	20200312043640.021
IMG (150)	11777	11779	20200312043640.455	20200312043640.884
IMG (150)	11780	11783	20200312043641.103	20200312043641.751
IMG (150)	11785	11787	20200312043642.185	20200312043642.615
IMG (150)	11787	11789	20200312043642.615	20200312043643.048
IMG (150)	11792	11794	20200312043643.697	20200312043644.130
IMG (150)	11794	11799	20200312043644.130	20200312043645.208
IMG (150)	11799	11801	20200312043645.208	20200312043645.642
IMG (150)	11805	11807	20200312043646.724	20200312043647.373
IMG (150)	11810	11813	20200312043648.236	20200312043648.888
IMG (150)	11823	11825	20200312043651.048	20200312043651.482
IMG (150)	11827	11830	20200312043651.912	20200312043652.560
IMG (150)	11832	11834	20200312043652.994	20200312043653.427
IMG (150)	11835	11837	20200312043653.642	20200312043654.076
IMG (150)	11840	11843	20200312043654.939	20200312043656.021
IMG (150)	11843	11845	20200312043656.021	20200312043656.455
IMG (150)	11853	11855	20200312043658.181	20200312043658.615
IMG (150)	11862	11864	20200312043700.130	20200312043700.560
IMG (150)	11865	11868	20200312043700.779	20200312043701.427
IMG (150)	11873	11875	20200312043702.724	20200312043703.373
IMG (150)	11875	11880	20200312043703.373	20200312043704.669
IMG (150)	11880	11882	20200312043704.669	20200312043705.103
IMG (150)	11895	11897	20200312043707.912	20200312043708.345
IMG (150)	11901	11904	20200312043709.208	20200312043709.857
IMG (150)	11910	11912	20200312043711.587	20200312043712.236
IMG (150)	11915	11919	20200312043712.884	20200312043713.751
IMG (150)	11925	11927	20200312043715.048	20200312043715.478
IMG (150)	11950	11952	20200312043721.099	20200312043721.533
IMG (150)	11957	11959	20200312043722.615	20200312043723.048
IMG (150)	11963	11965	20200312043723.912	20200312043724.345
IMG (150)	11969	11971	20200312043725.208	20200312043725.642
IMG (150)	11990	11992	20200312043730.400	20200312043730.829
IMG (150)	11996	11998	20200312043731.697	20200312043732.130
IMG (150)	12001	12003	20200312043732.775	20200312043733.208
IMG (150)	12332	12334	20200312043850.829	20200312043851.263
IMG (150)	12573	12575	20200312043947.478	20200312043947.907
IMG (150)	12615	12617	20200312043957.204	20200312043957.638
IMG (150)	12630	12632	20200312044001.095	20200312044001.528
IMG (150)	12655	12657	20200312044006.716	20200312044007.368
IMG (150)	12671	12673	20200312044010.610	20200312044011.040
IMG (150)	12688	12692	20200312044014.286	20200312044015.583
IMG (150)	12701	12703	20200312044017.747	20200312044018.177
IMG (150)	12719	12721	20200312044021.638	20200312044022.071
IMG (150)	12725	12728	20200312044023.368	20200312044024.231
IMG (150)	12736	12738	20200312044025.962	20200312044026.395
IMG (150)	12762	12764	20200312044032.231	20200312044032.661
IMG (150)	12793	12795	20200312044039.368	20200312044040.013
IMG (150)	12817	12819	20200312044044.770	20200312044045.204
IMG (150)	12820	12822	20200312044045.419	20200312044045.852
Continued on next page				

Table 2 – continued from previous page

APID	Seq from	Seq to	Time from	Time to
IMG (150)	12827	12829	20200312044047.364	20200312044048.017
IMG (150)	12842	12844	20200312044050.825	20200312044051.259
IMG (150)	12844	12846	20200312044051.259	20200312044051.688
IMG (150)	12846	12848	20200312044051.688	20200312044052.122
IMG (150)	12865	12867	20200312044056.446	20200312044056.880
IMG (150)	12887	12891	20200312044101.204	20200312044102.067
IMG (150)	12891	12893	20200312044102.067	20200312044102.716
IMG (150)	12894	12896	20200312044102.931	20200312044103.583
IMG (150)	12901	12904	20200312044104.880	20200312044105.528
IMG (150)	12904	12907	20200312044105.528	20200312044106.177
IMG (150)	12922	12924	20200312044109.419	20200312044109.852
IMG (150)	12934	12936	20200312044112.661	20200312044113.095
IMG (150)	12936	12938	20200312044113.095	20200312044113.528
IMG (150)	12939	12941	20200312044113.743	20200312044114.177
IMG (150)	12946	12948	20200312044115.259	20200312044115.688
IMG (150)	12956	12958	20200312044117.419	20200312044117.852
IMG (150)	12958	12960	20200312044117.852	20200312044118.282
IMG (150)	12989	12991	20200312044125.204	20200312044125.634
IMG (150)	12993	12995	20200312044126.067	20200312044126.716
IMG (150)	12995	12997	20200312044126.716	20200312044127.364
IMG (150)	13005	13011	20200312044129.309	20200312044130.606
IMG (150)	13011	13013	20200312044130.606	20200312044131.040
IMG (150)	13013	13016	20200312044131.040	20200312044131.688
IMG (150)	13017	13019	20200312044131.903	20200312044132.337
IMG (150)	13020	13022	20200312044132.555	20200312044132.985
IMG (150)	13022	13024	20200312044132.985	20200312044133.419
IMG (150)	13026	13028	20200312044133.852	20200312044134.282
IMG (150)	13037	13039	20200312044136.880	20200312044137.309
IMG (150)	13042	13044	20200312044137.958	20200312044138.391
IMG (150)	13047	13049	20200312044139.040	20200312044139.473
IMG (150)	13051	13053	20200312044139.903	20200312044140.337
IMG (150)	13053	13055	20200312044140.337	20200312044140.770
IMG (150)	13059	13061	20200312044141.634	20200312044142.067
IMG (150)	13062	13064	20200312044142.282	20200312044142.930
IMG (150)	13065	13068	20200312044143.364	20200312044144.227
IMG (150)	13071	13073	20200312044144.876	20200312044145.309
IMG (150)	13079	13081	20200312044146.606	20200312044147.040
IMG (150)	13083	13085	20200312044147.470	20200312044147.903
IMG (150)	13095	13097	20200312044150.067	20200312044150.716
IMG (150)	13137	13139	20200312044200.442	20200312044200.876
IMG (150)	13220	13222	20200312044219.688	20200312044220.122
IMG (150)	13258	13260	20200312044228.551	20200312044228.985
IMG (150)	14490	14492	20200312044718.309	20200312044718.961
IMG (150)	14535	14537	20200312044729.336	20200312044729.770
IMG (150)	14538	14540	20200312044729.984	20200312044730.418
IMG (150)	14585	14587	20200312044740.797	20200312044741.227
IMG (150)	14632	14634	20200312044752.254	20200312044752.687
IMG (150)	14634	14636	20200312044752.687	20200312044753.121
VER (160)	10370	10372	20200312043550.295	20200312043558.295
VER (160)	10372	10374	20200312043558.295	20200312043558.295
VER (160)	10375	10377	20200312043558.295	20200312043606.291
VER (160)	10380	10385	20200312043606.291	20200312043614.294
VER (160)	10385	10389	20200312043614.294	20200312043622.291

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Table 2 – continued from previous page

APID	Seq from	Seq to	Time from	Time to
VER (160)	10390	10394	20200312043622.291	20200312043630.291
VER (160)	10394	10400	20200312043630.291	20200312043638.291
VER (160)	10400	10410	20200312043638.291	20200312043654.290
VER (160)	10410	10415	20200312043654.290	20200312043702.290
VER (160)	10415	10419	20200312043702.290	20200312043710.290
VER (160)	10422	10425	20200312043718.290	20200312043718.290
VER (160)	10427	10429	20200312043726.290	20200312043726.290
VER (160)	10450	10452	20200312043758.290	20200312043806.290
VER (160)	10488	10490	20200312043902.286	20200312043902.286
VER (160)	10520	10522	20200312043950.286	20200312043958.286
VER (160)	10525	10528	20200312043958.286	20200312044006.286
VER (160)	10530	10535	20200312044006.286	20200312044014.286
VER (160)	10535	10539	20200312044014.286	20200312044022.286
VER (160)	10541	10543	20200312044030.286	20200312044030.286
VER (160)	10544	10547	20200312044030.286	20200312044038.286
VER (160)	10552	10554	20200312044046.286	20200312044046.286
VER (160)	10555	10557	20200312044046.286	20200312044054.282
VER (160)	10557	10560	20200312044054.282	20200312044054.282
VER (160)	10561	10564	20200312044102.286	20200312044102.286
VER (160)	10565	10569	20200312044102.286	20200312044110.282
VER (160)	10572	10575	20200312044118.282	20200312044118.282
VER (160)	10575	10577	20200312044118.282	20200312044126.282
VER (160)	10577	10579	20200312044126.282	20200312044126.282
VER (160)	10580	10582	20200312044126.282	20200312044134.282
VER (160)	10582	10584	20200312044134.282	20200312044134.282
VER (160)	10585	10590	20200312044134.282	20200312044142.282
VER (160)	10590	10593	20200312044142.282	20200312044150.282
VER (160)	10597	10600	20200312044158.282	20200312044158.282
VER (160)	10610	10612	20200312044214.282	20200312044222.282
VER (160)	10807	10809	20200312044734.309	20200312044734.309
VER (160)	10825	10827	20200312044758.309	20200312044806.309
VER (160)	10827	10829	20200312044806.309	20200312044806.309
AUX (180)	8610	8612	20200312043622.724	20200312043638.724

Table 2: L0 data gaps

3 Instrument modes

Time	Transition from	Transition to
12/03/2020 00:00:00	-	Normal operation

Table 3: Instrument modes

4 L0 and L1 Data Quality

Flag	Value	Action
L0 IASI PDUs	481	-
L1 ENG PDUs	481	-
L1 ENG distinct GEPSGranule	481	-
GQisFlagQual set (PX1)	99.33 %	-
GQisFlagQual set (PX2)	99.31 %	-
GQisFlagQual set (PX3)	99.31 %	-
GQisFlagQual set (PX4)	99.31 %	-
GQisFlagQual set (all)	99.32 %	-

Table 4: Quality flags

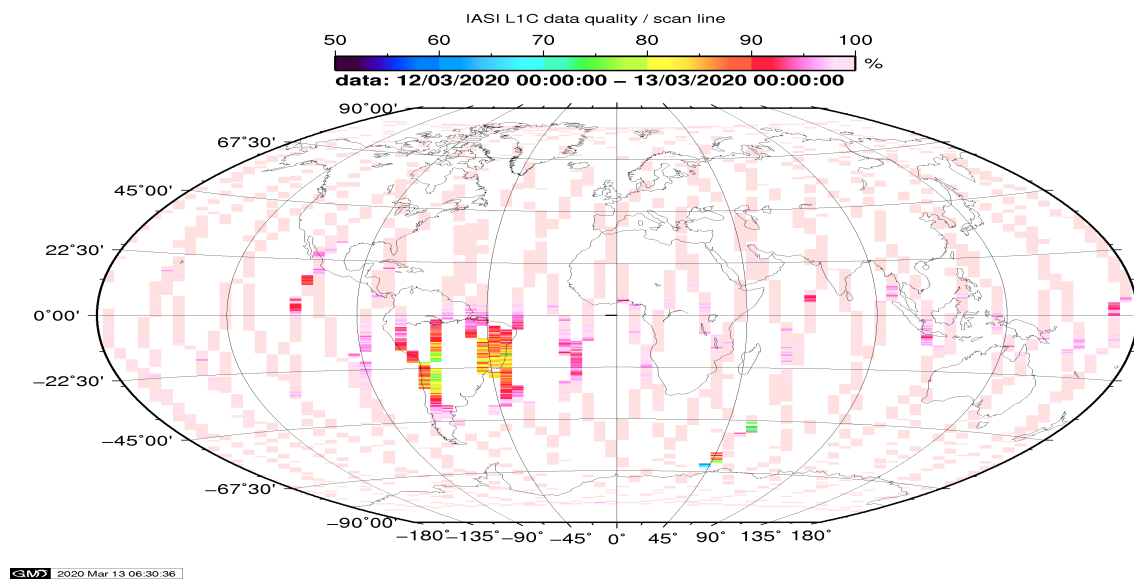


Figure 1: L1C data quality

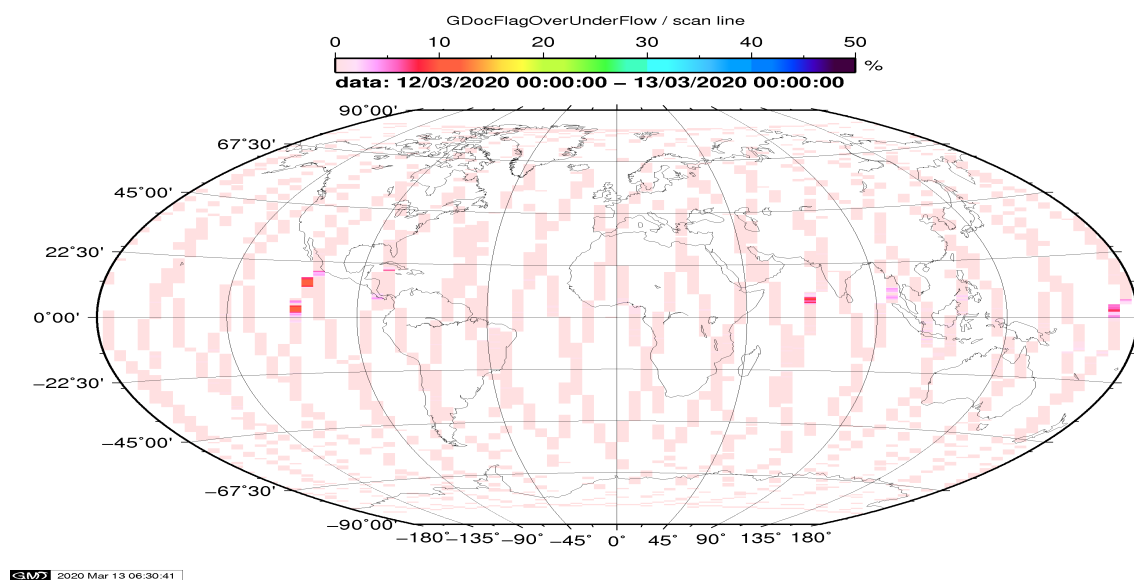


Figure 2: Flag of Over and Under Flows

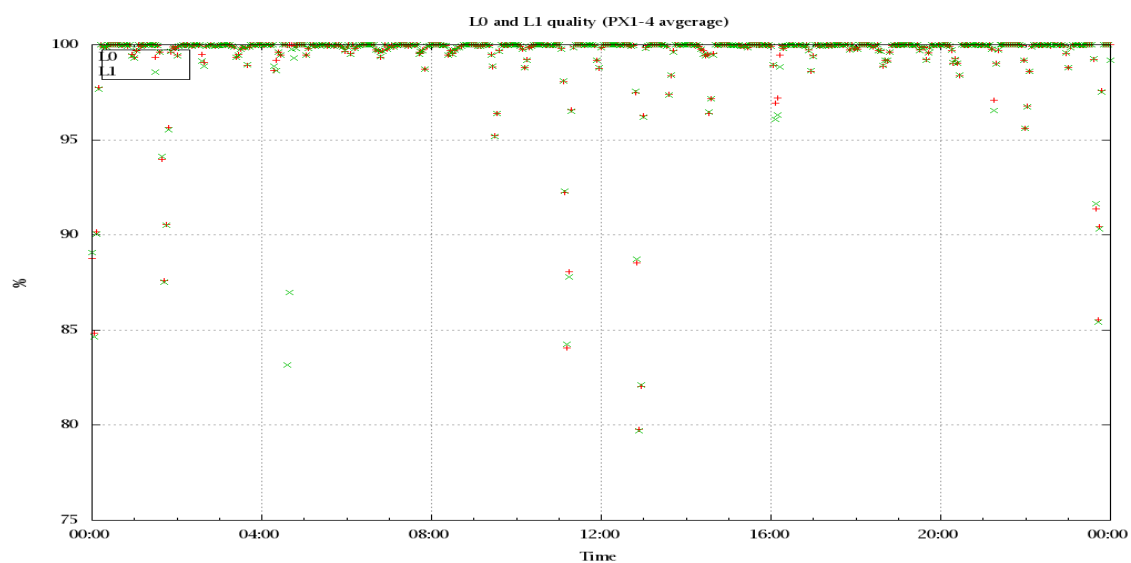


Figure 3: Level 0 and 1C overall quality

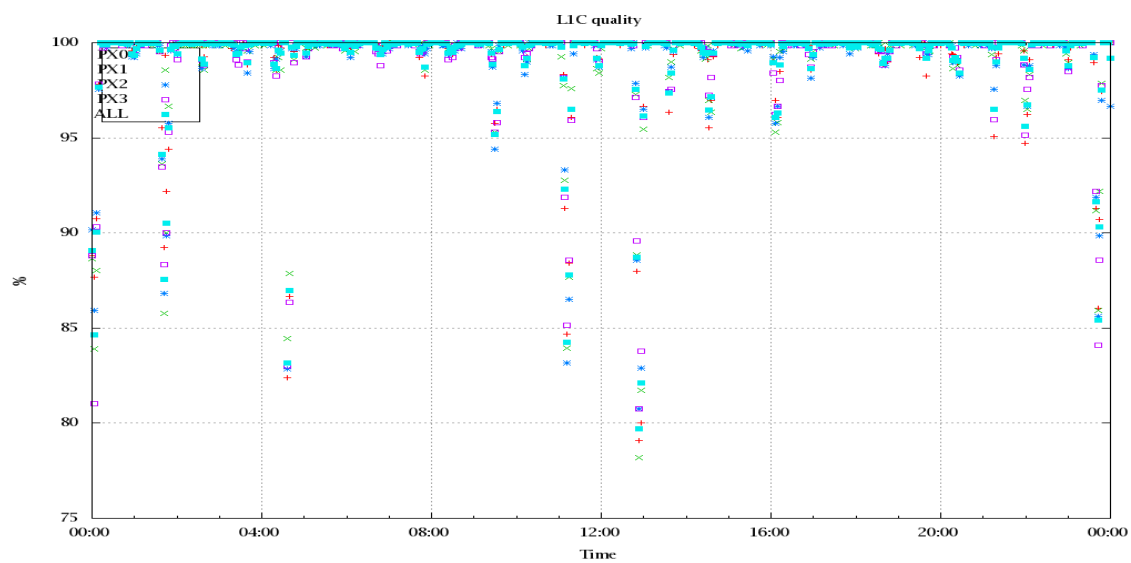


Figure 4: Level 1C quality

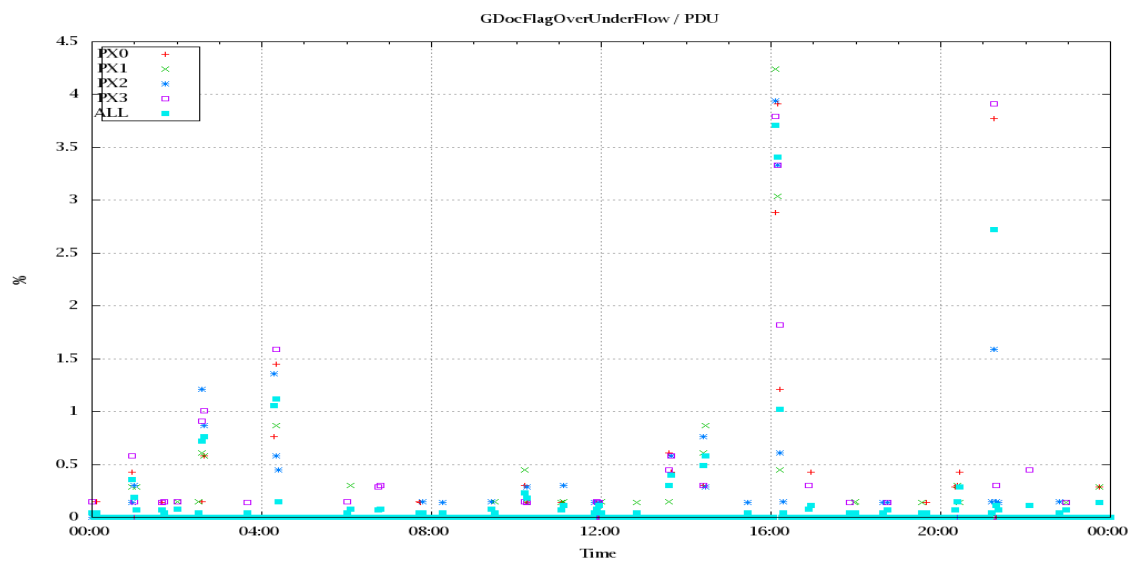


Figure 5: Timeseries of flag of Over and Under Flows

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, water vapor and Ozone. 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 28 to 34, 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 pixels and scan positions 10 to 20) and the average bias OBS-CAL (over all pixels and scan positions 10 to 20) of the last 30 days.

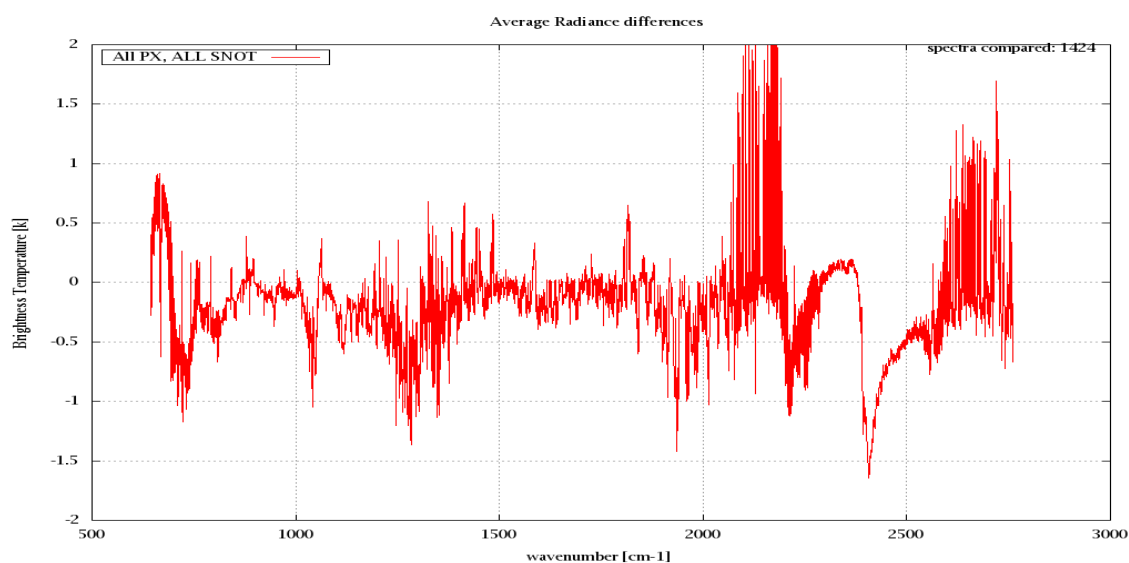


Figure 6: Average Radiance differences: OBS-CAL

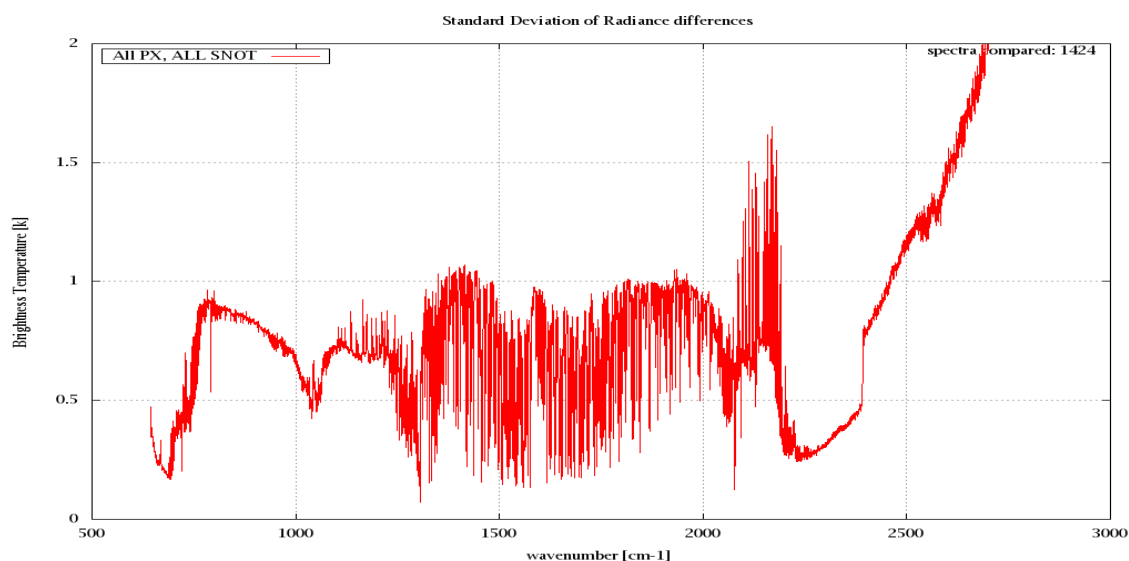


Figure 7: Standard Deviation of Radiance differences

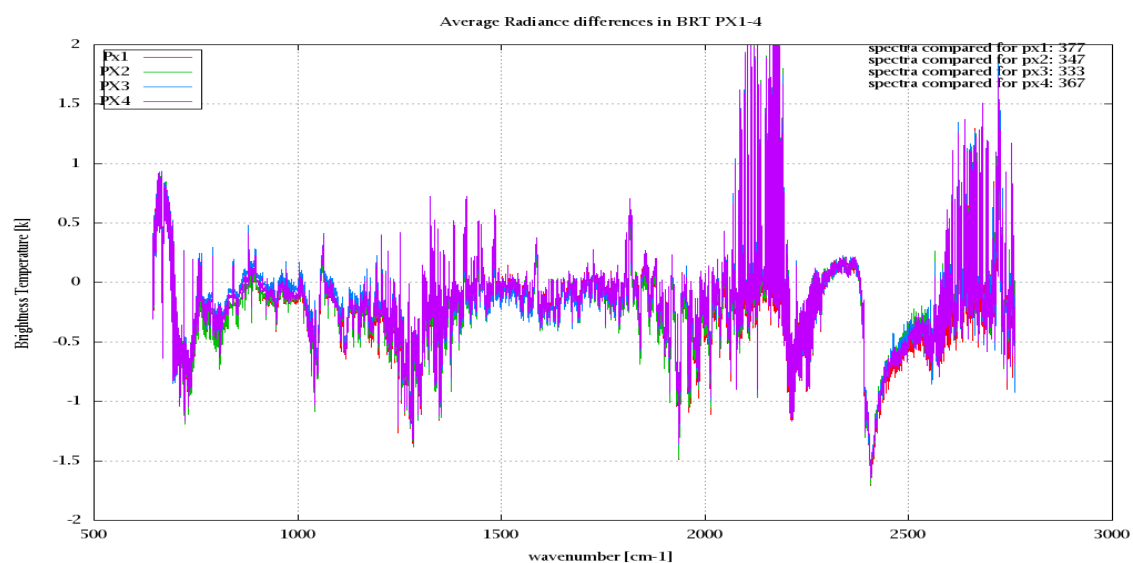


Figure 8: Average Radiance differences: OBS-CAL

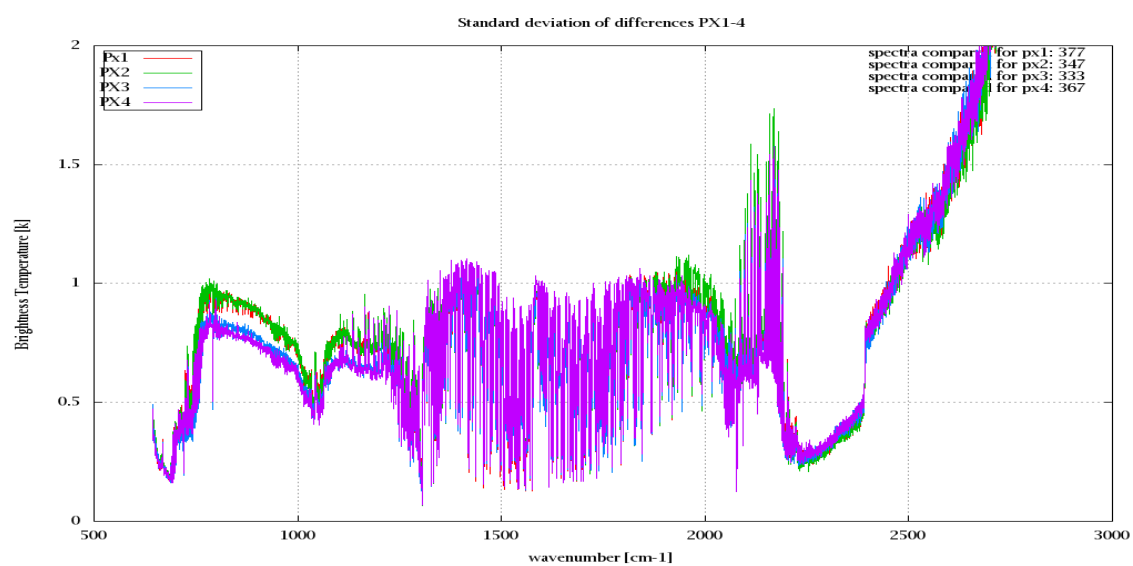


Figure 9: Standard Deviation of Radiance differences

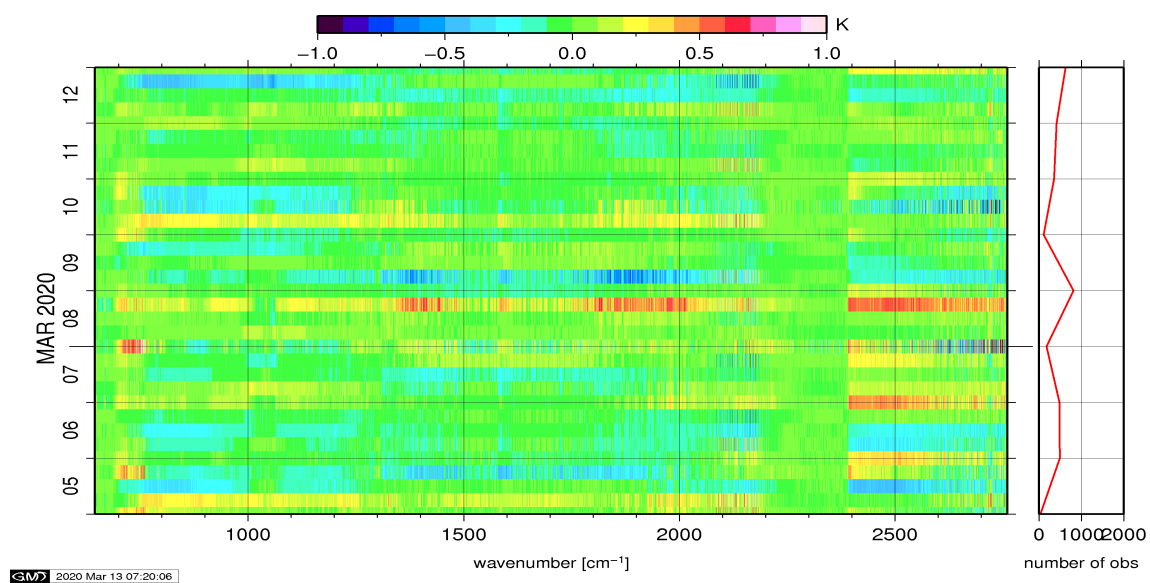


Figure 10: Radiance Anomaly in BT: All Channels

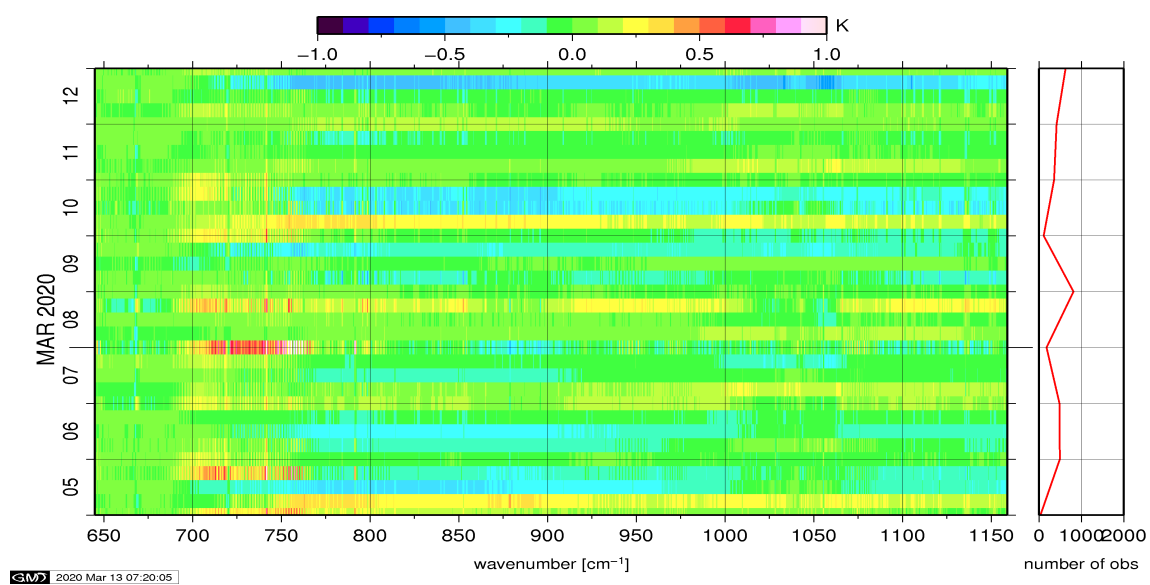


Figure 11: Radiance Anomaly in BT: IASI Band 1

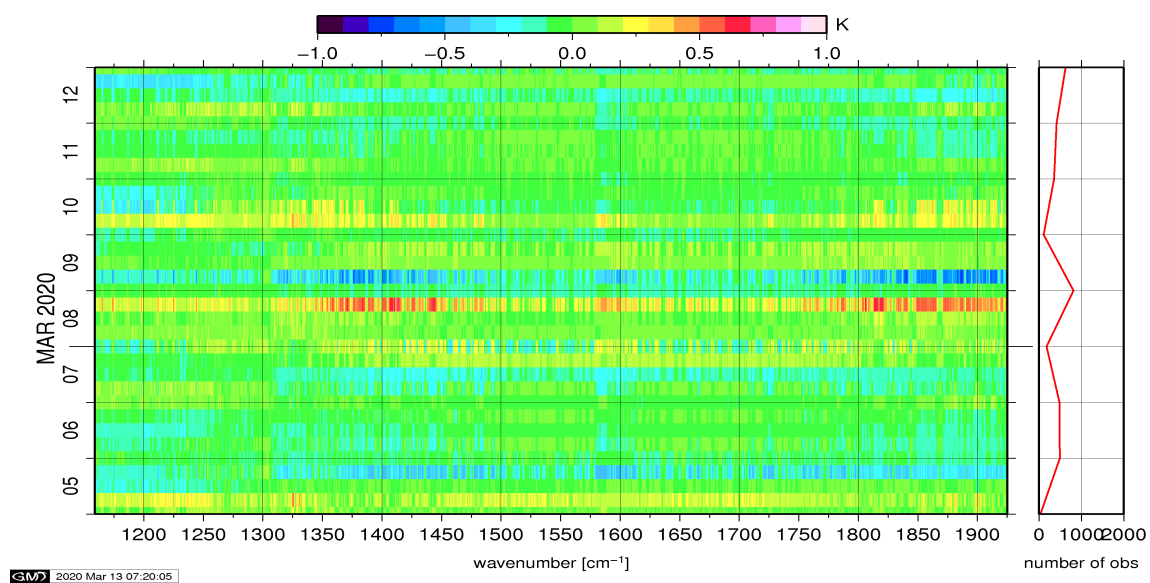


Figure 12: Radiance Anomaly in BT: IASI Band 2

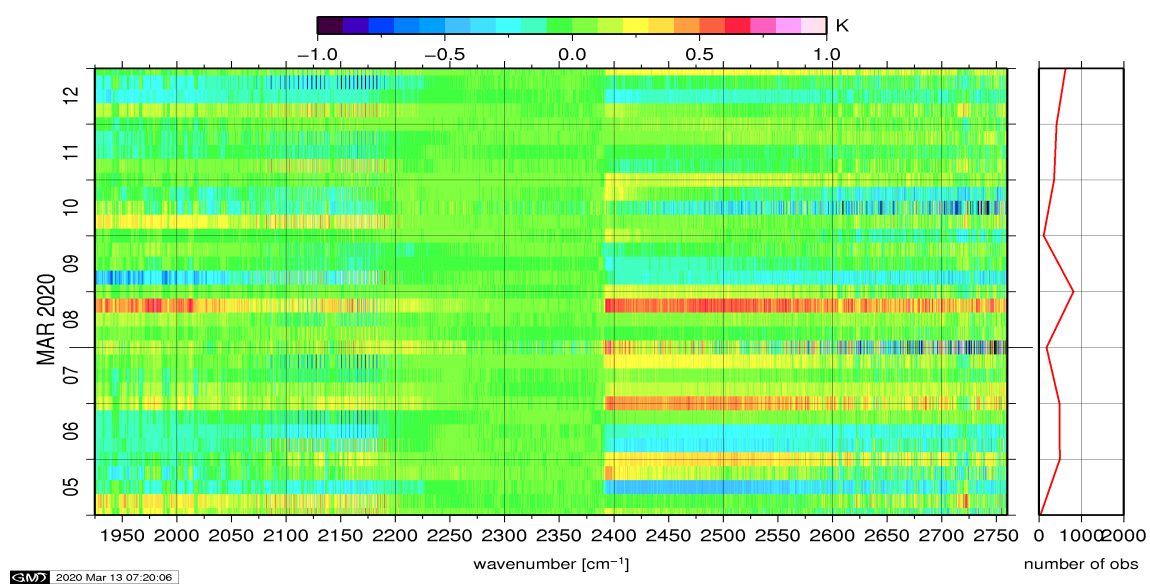


Figure 13: Radiance Anomaly in BT: IASI Band 3

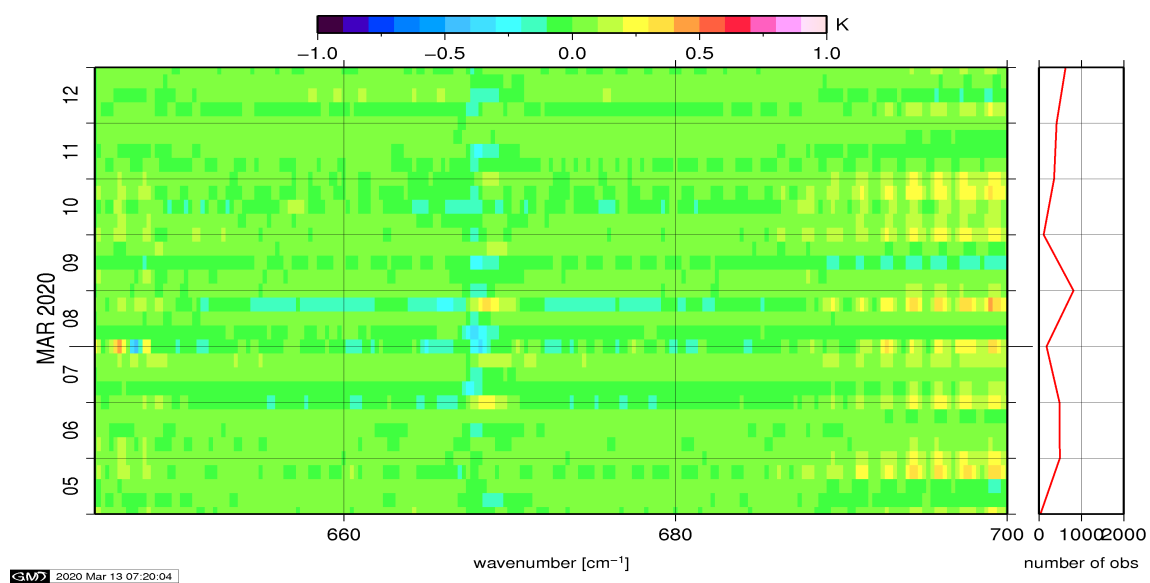


Figure 14: Radiance Anomaly in BT: CO2 14

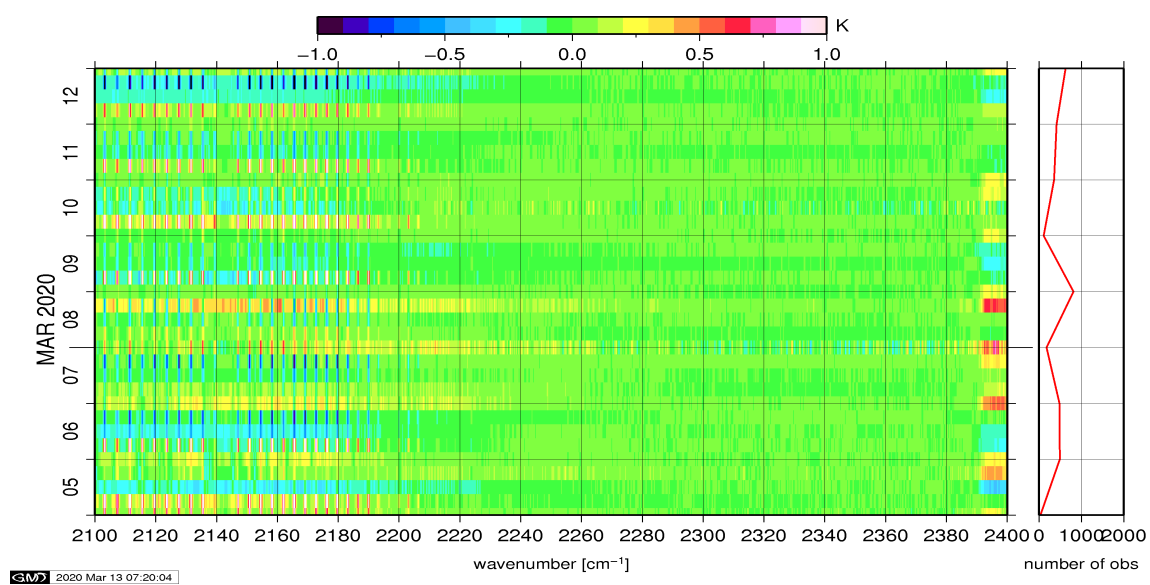


Figure 15: Radiance Anomaly in BT: CO2 4.3

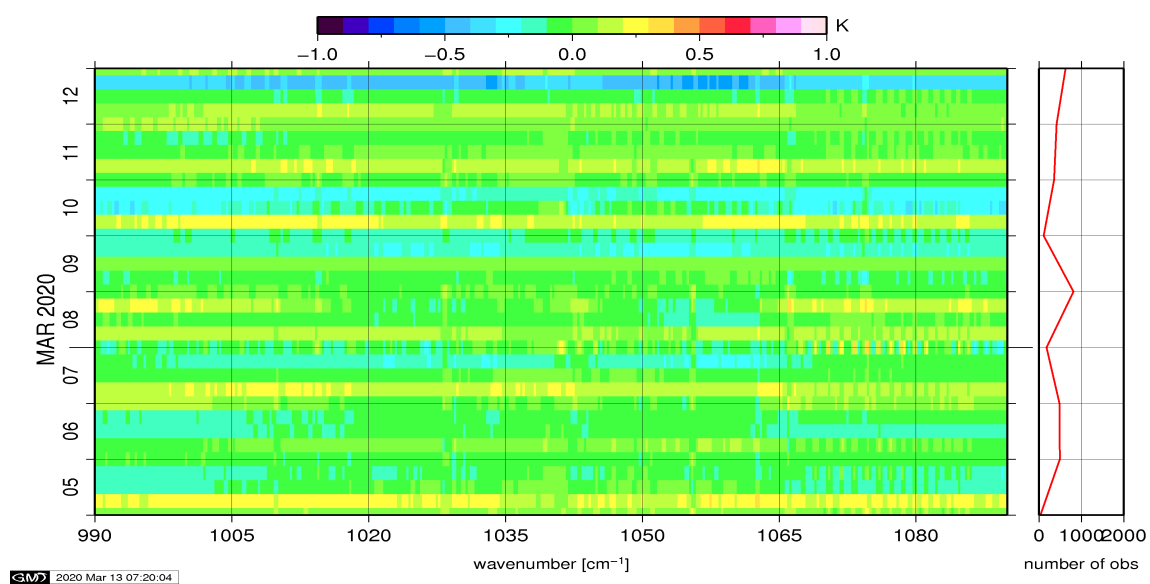


Figure 16: Radiance Anomaly in BT: O3

6 IASI-HIRS radiance comparison Channel 1-19

The radiance comparison of IASI and HIRS/4 on-board Metop is performed on all pixels 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 NeDT. 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.

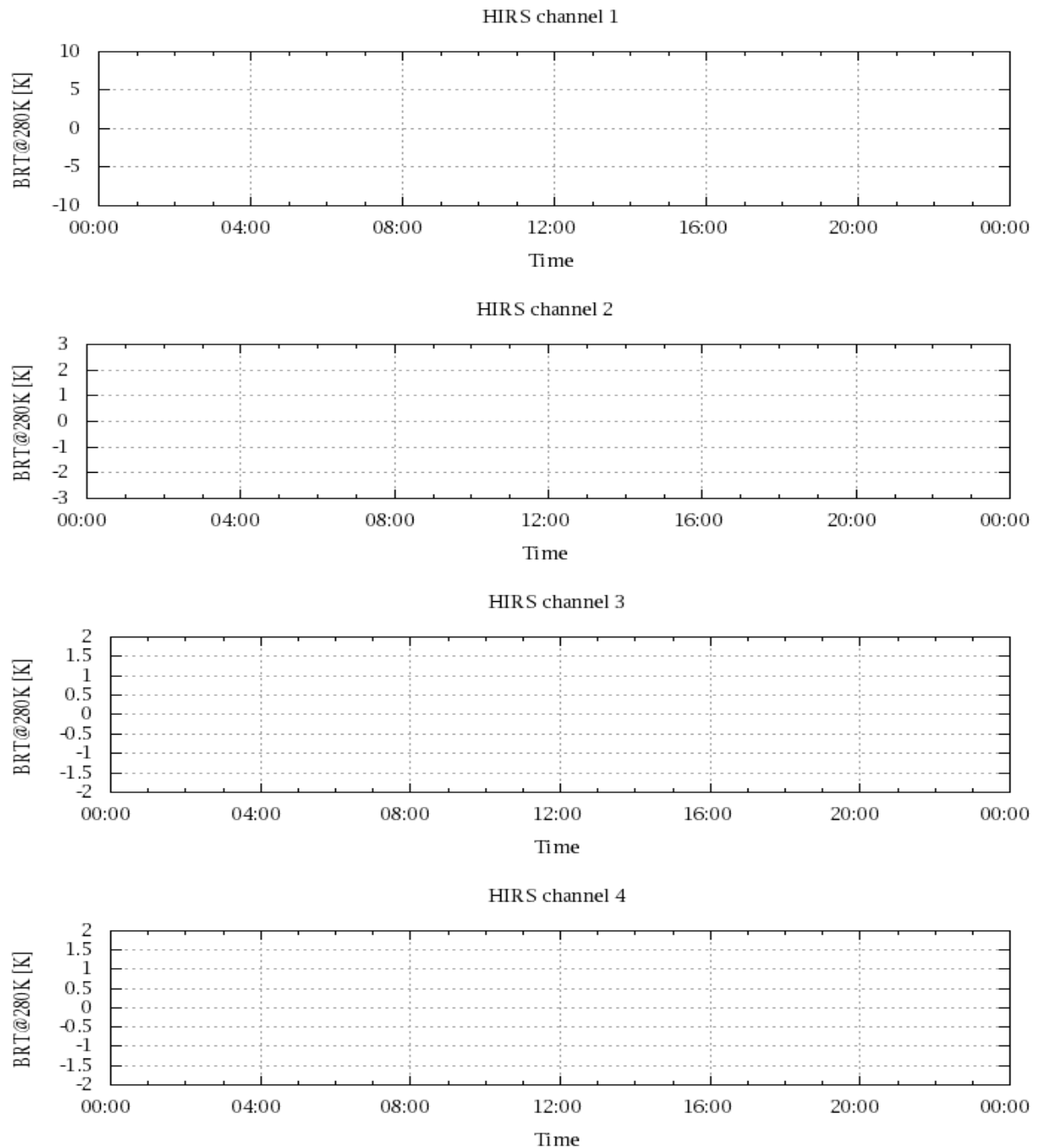


Figure 17: Radiance Differences in BT

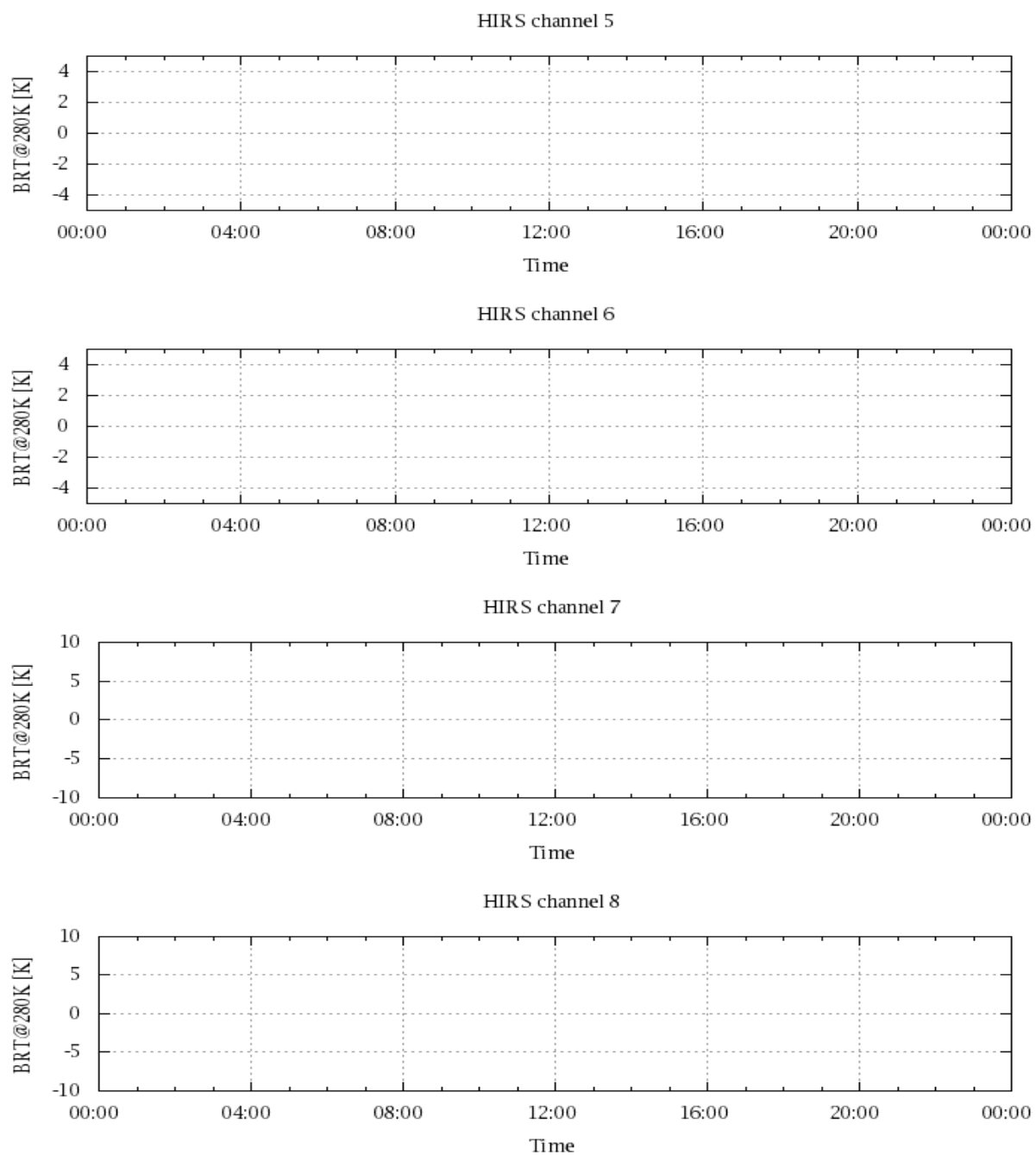


Figure 18: Radiance Differences in BT

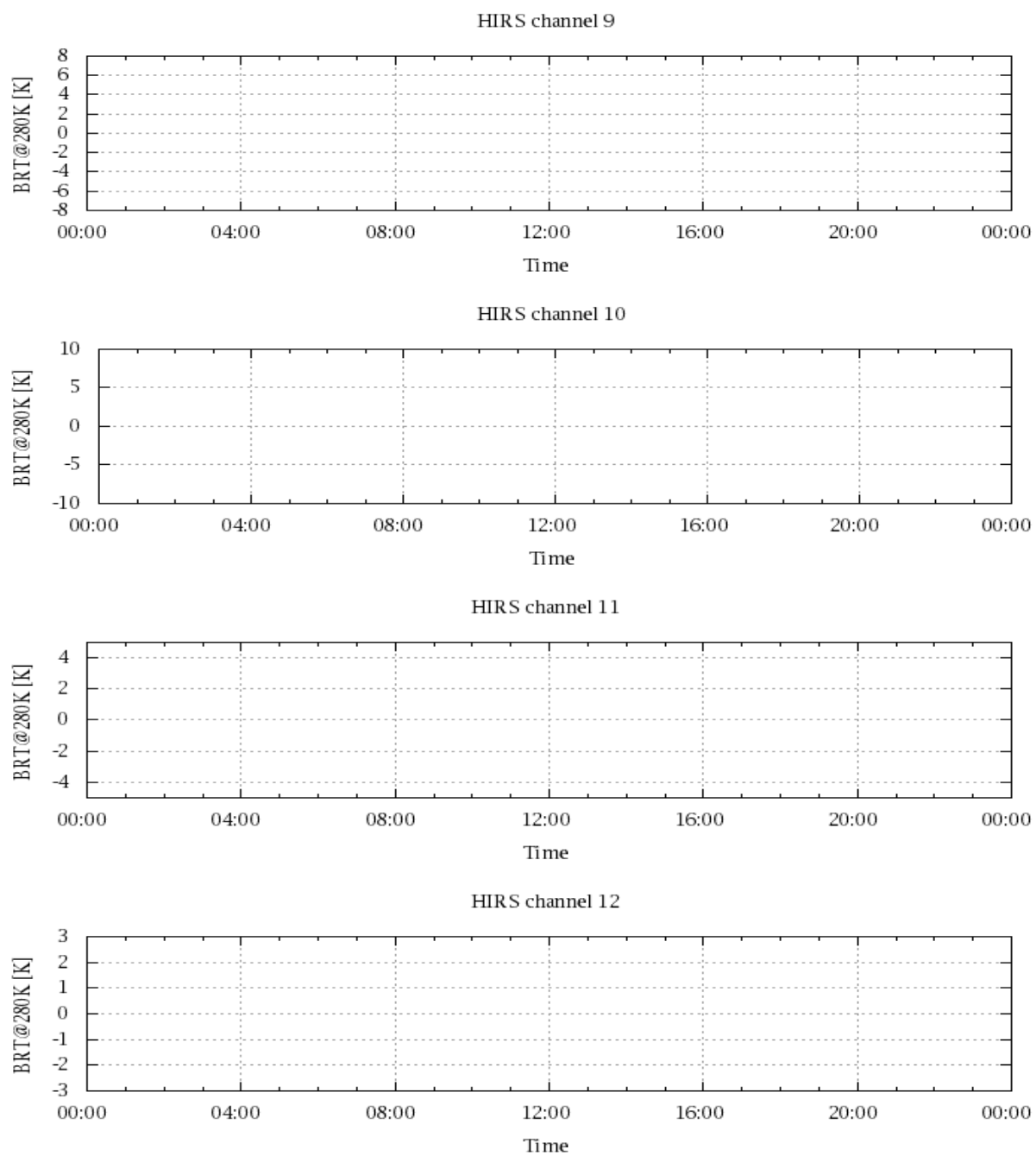


Figure 19: Radiance Differences in BT

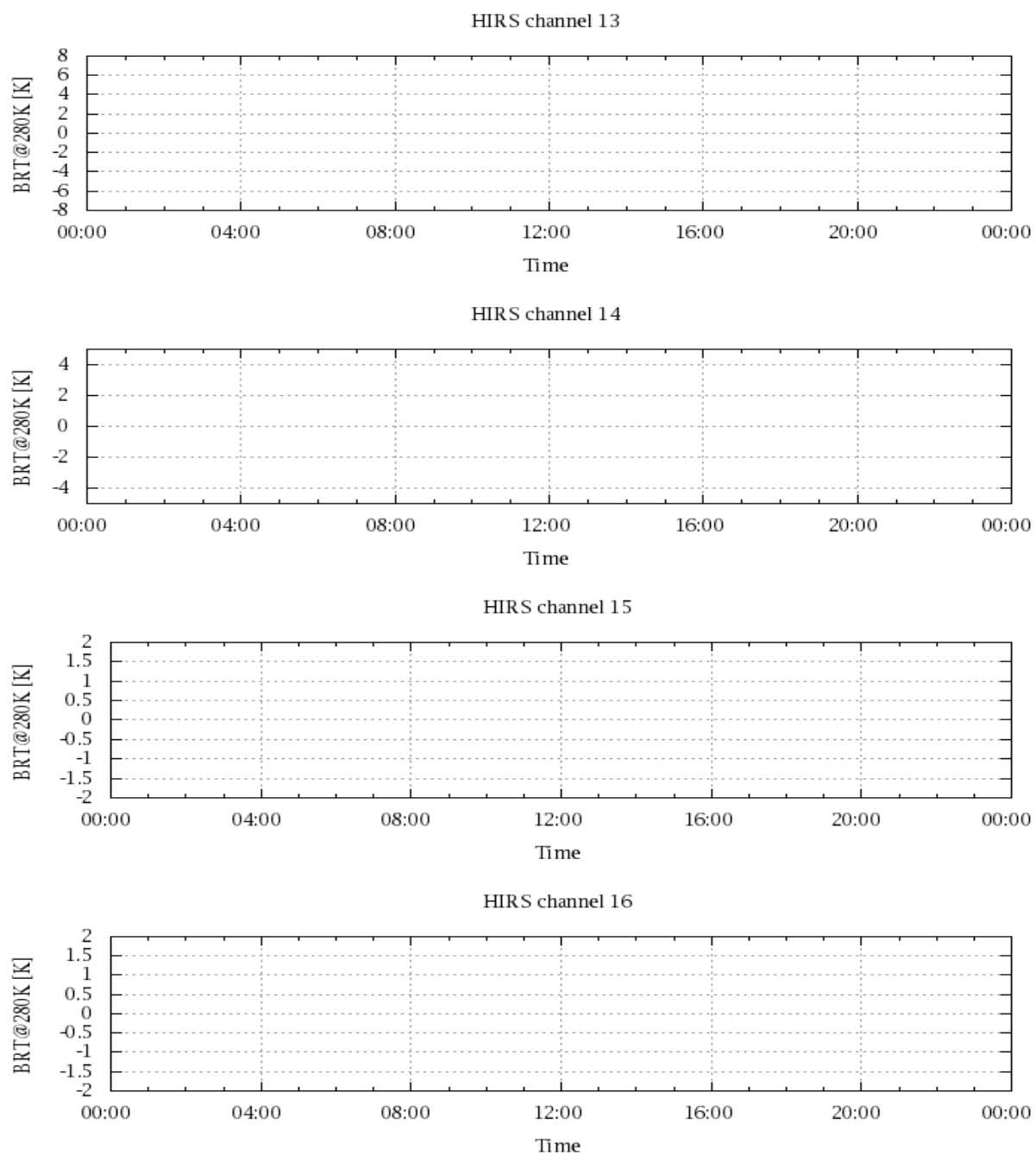


Figure 20: Radiance Differences in BT

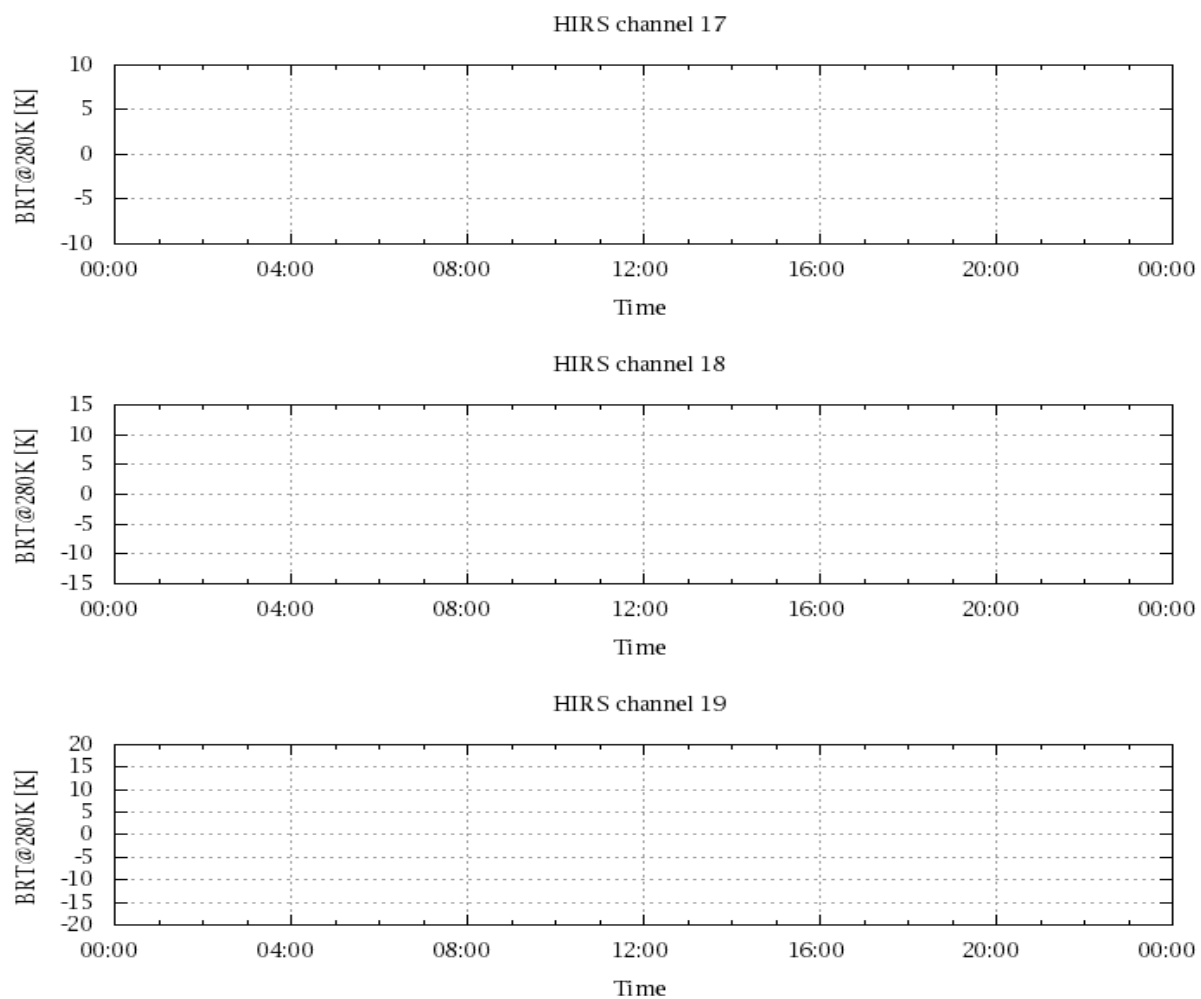


Figure 21: Radinace Differences in BT