

GOMOS Daily Report 21-JUL-2011

Level 0 and Level 1 products

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This report presents the daily analysis on parameters extracted from GOMOS level 1b data (GOM_TRA_1P). It is intended to monitor some important parameters that will impact the quality of the level 2 products as the Spectrometers and Photometers CCD Temperatures and Dark Charge, SATU noise equivalent angle... A list of level 0 products (and content) that have arrived during the actual month to the PCF is also given.

Item	Value
Time of report generation	24JUL2011 07:04:08
Data source version	GOMOS/6.01
Start time of products	21JUL2011 00:01:19
Stop time of products	21JUL2011 23:56:46
Store outputs in DB	Yes
Nb of level 1b prods	263
Nb of prods with errors	2

2. Summary of products arrived in PCF (Product Control Facility)

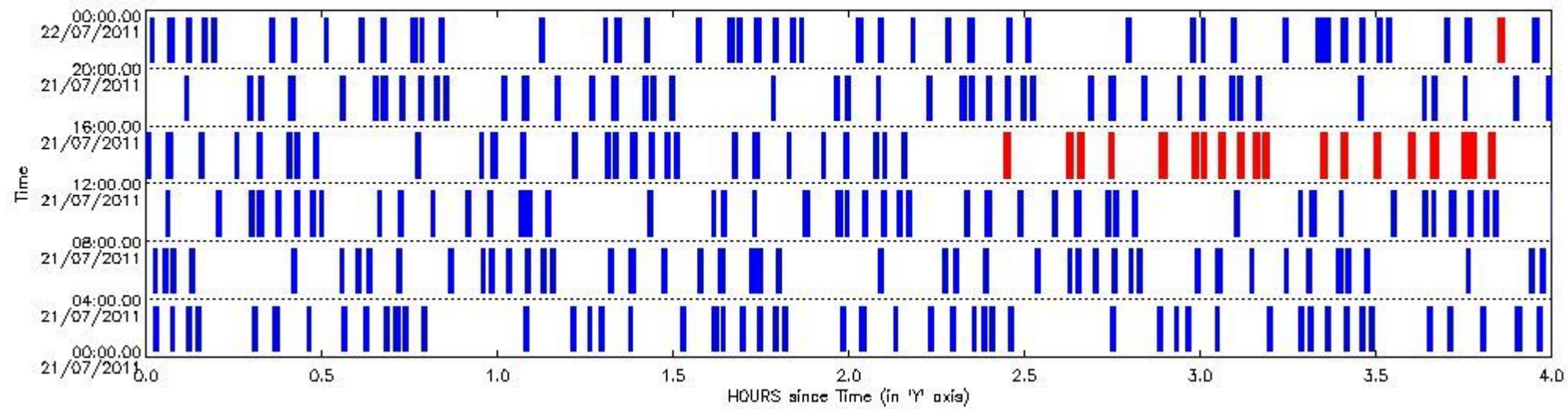
2.1 Level 0 products arrived in PCF (see template [here](#))

2.2 Plot of mission plan versus Level 0 production arrived in PCF during reporting period

Red segments are missing products.

Blue segments are available products.

Green segments are calibration measurements (not available products to users).



2.3 Summary of missing occultations (red segments in previous plot)

UTC start time	Star name	Star ID	Orbit
21-JUL-2011 14:26:22	53AlpAql	11	49105
21-JUL-2011 14:37:16	18DelCyg	144	49105
21-JUL-2011 14:39:05	50AlpCyg	19	49105
21-JUL-2011 14:44:15	5AlpCep	89	49105
21-JUL-2011 14:53:01	27GamCas	76	49105
21-JUL-2011 14:58:35	23GamPer	160	49105
21-JUL-2011 15:00:03	33AlpPer	35	49105
21-JUL-2011 15:03:05	26BetPer	79	49105
21-JUL-2011 15:06:16	44ZetPer	150	49105
21-JUL-2011 15:09:01	25EtaTau	146	49105
21-JUL-2011 15:10:37	87AlpTau	13	49105
21-JUL-2011 15:20:29	34GamEri	165	49105
21-JUL-2011 15:24:01	DSA1064	0	49105
21-JUL-2011 15:29:41	The1Eri	157	49105
21-JUL-2011 15:35:39	AlpEri	9	49106

21-JUL-2011 15:39:23	AlpPhe	84	49106
21-JUL-2011 15:44:37	BetGru	63	49106
21-JUL-2011 15:46:02	AlpGru	31	49106
21-JUL-2011 15:49:14	GamGru	172	49106
21-JUL-2011 23:50:55	The1Eri	157	49110

2.4 Summary of processed GOM_TRA_1P products

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_TRA_1PNPDE20110721_000119_000000463104_00375_49096_5629.N1	21-JUL-2011 00:01:19	Bright	45.500	149	45Eps Per	2.8880	30000.	91	49096	No
2	GOM_TRA_1PNPDE20110721_000402_000000483104_00375_49096_5630.N1	21-JUL-2011 00:04:02	Twilight	48.000	150	44Zet Per	2.8900	28000.	96	49096	No
3	GOM_TRA_1PNPDE20110721_000646_000000493104_00375_49096_5631.N1	21-JUL-2011 00:06:46	Twilight	48.500	146	25Eta Tau	2.8730	15200.	97	49096	No
4	GOM_TRA_1PNPDE20110721_000822_000000473104_00375_49096_5632.N1	21-JUL-2011 00:08:22	Twilight	47.000	13	87Alp Tau	0.86700	3800.0	94	49096	No
5	GOM_TRA_1PNPDE20110721_001811_000000503104_00375_49096_5633.N1	21-JUL-2011 00:18:11	Dark	50.000	165	34Gam Eri	2.9500	3200.0	100	49096	No
6	GOM_TRA_1PNPDE20110721_002722_000000433104_00375_49096_5636.N1	21-JUL-2011 00:27:22	Dark	43.000	157	The1Eri	2.9060	9300.0	86	49096	No
7	GOM_TRA_1PNPDE20110721_003321_000000533104_00376_49097_5637.N1	21-JUL-2011 00:33:21	Dark	52.500	9	Alp Eri	0.45300	24000.	105	49097	No
8	GOM_TRA_1PNPDE20110721_003701_000000543104_00376_49097_5638.N1	21-JUL-2011 00:37:01	Dark	54.000	84	Alp Phe	2.3970	4500.0	108	49097	No
9	GOM_TRA_1PNPDE20110721_004041_000000473104_00376_49097_5639.N1	21-JUL-2011 00:40:41	Straylight	47.000	148	Alp Tuc	2.8780	4100.0	94	49097	No
10	GOM_TRA_1PNPDE20110721_004218_000000653104_00376_49097_5640.N1	21-JUL-2011 00:42:18	Straylight	65.000	63	Bet Gru	2.1500	2800.0	130	49097	No
11	GOM_TRA_1PNPDE20110721_004344_000000523104_00376_49097_5641.N1	21-JUL-2011 00:43:44	Straylight	52.000	31	Alp Gru	1.7340	15200.	104	49097	No
12	GOM_TRA_1PNPDE20110721_004656_000000513104_00376_49097_5642.N1	21-JUL-2011 00:46:56	Straylight	50.500	172	Gam Gru	3.0030	13100.	101	49097	No
13	GOM_TRA_1PNPDE20110721_010425_000000433104_00376_49097_5643.N1	21-JUL-2011 01:04:25	Bright	42.500	11	53Alp Aql	0.76500	8000.0	85	49097	No
14	GOM_TRA_1PNPDE20110721_011234_000000363104_00376_49097_5644.N1	21-JUL-2011 01:12:34	Bright	35.500	5	3Alp Lyr	0.033000	11000.	71	49097	No
15	GOM_TRA_1PNPDE20110721_011521_000000403104_00376_49097_5645.N1	21-JUL-2011 01:15:21	Bright	40.000	144	18Del Cyg	2.8600	11000.	80	49097	No
16	GOM_TRA_1PNPDE20110721_011713_000000483104_00376_49097_5646.N1	21-JUL-2011 01:17:13	Bright	47.500	19	50Alp Cyg	1.2460	10500.	95	49097	No
17	GOM_TRA_1PNPDE20110721_012221_000000423104_00376_49097_5647.N1	21-JUL-2011 01:22:21	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	49097	No
18	GOM_TRA_1PNPDE20110721_013107_000000483104_00376_49097_5648.N1	21-JUL-2011 01:31:07	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	49097	No
19	GOM_TRA_1PNPDE20110721_013639_000000583104_00376_49097_5649.N1	21-JUL-2011 01:36:39	Bright	57.500	160	23Gam Per	2.9300	4700.0	115	49097	No
20	GOM_TRA_1PNPDE20110721_013806_000000453104_00376_49097_5650.N1	21-JUL-2011 01:38:06	Bright	45.000	35	33Alp Per	1.7950	6250.0	90	49097	No
21	GOM_TRA_1PNPDE20110721_014133_000000413104_00376_49097_5651.N1	21-JUL-2011 01:41:33	Bright	41.000	149	45Eps Per	2.8880	30000.	82	49097	No
22	GOM_TRA_1PNPDE20110721_014416_000000503104_00376_49097_5652.N1	21-JUL-2011 01:44:16	Twilight	49.500	150	44Zet Per	2.8900	28000.	99	49097	No
23	GOM_TRA_1PNPDE20110721_014701_000000453104_00376_49097_5653.N1	21-JUL-2011 01:47:01	Twilight	44.500	146	25Eta Tau	2.8730	15200.	89	49097	No
24	GOM_TRA_1PNPDE20110721_014836_000000493104_00376_49097_5654.N1	21-JUL-2011 01:48:36	Twilight	49.000	13	87Alp Tau	0.86700	3800.0	98	49097	No
25	GOM_TRA_1PNPDE20110721_015826_000000493104_00376_49097_5654.N1	21-JUL-2011 01:58:26	Dark	48.500	165	34Gam Eri	2.9500	3200.0	97	49097	No
26	GOM_TRA_1PNPDE20110721_020737_000000433104_00376_49097_5655.N1	21-JUL-2011 02:07:37	Dark	42.500	157	The1Eri	2.9060	9300.0	85	49097	No
27	GOM_TRA_1PNPDE20110721_021336_000000423104_00377_49098_5656.N1	21-JUL-2011 02:13:36	Dark	42.000	9	Alp Eri	0.45300	24000.	84	49098	No
28	GOM_TRA_1PNPDE20110721_021716_000000553104_00377_49098_5657.N1	21-JUL-2011 02:17:16	Dark	54.500	84	Alp Phe	2.3970	4500.0	109	49098	No
29	GOM_TRA_1PNPDE20110721_022057_000000393104_00377_49098_5658.N1	21-JUL-2011 02:20:57	Straylight	39.000	148	Alp Tuc	2.8780	4100.0	78	49098	No
30	GOM_TRA_1PNPDE20110721_022233_000000493104_00377_49098_5659.N1	21-JUL-2011 02:22:33	Straylight	48.500	63	Bet Gru	2.1500	2800.0	97	49098	No
31	GOM_TRA_1PNPDE20110721_022359_000000473104_00377_49098_5660.N1	21-JUL-2011 02:23:59	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	49098	No
32	GOM_TRA_1PNPDE20110721_022711_000000513104_00377_49098_5661.N1	21-JUL-2011 02:27:11	Straylight	50.500	172	Gam Gru	3.0030	13100.	101	49098	No
33	GOM_TRA_1PNPDE20110721_024439_000000423104_00377_49098_5662.N1	21-JUL-2011 02:44:39	Bright	42.000	11	53Alp Aql	0.76500	8000.0	84	49098	No
34	GOM_TRA_1PNPDE20110721_025248_000000393104_00377_49098_5663.N1	21-JUL-2011 02:52:48	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	49098	No
35	GOM_TRA_1PNPDE20110721_025534_000000423104_00377_49098_5664.N1	21-JUL-2011 02:55:34	Bright	41.500	144	18Del Cyg	2.8600	11000.	83	49098	No
36	GOM_TRA_1PNPDE20110721_025726_000000473104_00377_49098_5665.N1	21-JUL-2011 02:57:26	Bright	46.500	19	50Alp Cyg	1.2460	10500.	93	49098	No
37	GOM_TRA_1PNPDE20110721_030235_000000403104_00377_49098_5666.N1	21-JUL-2011 03:02:35	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	49098	No
38	GOM_TRA_1PNPDE20110721_031121_000000503104_00377_49098_5703.N1	21-JUL-2011 03:11:21	Bright	50.000	76	27Gam Cas	2.3000	30000.	100	49098	No
39	GOM_TRA_1PNPDE20110721_031653_000000443104_00377_49098_5704.N1	21-JUL-2011 03:16:53	Bright	44.000	160	23Gam Per	2.9300	4700.0	88	49098	No
40	GOM_TRA_1PNPDE20110721_031820_000000503104_00377_49098_5705.N1	21-JUL-2011 03:18:20	Bright	50.000	35	33Alp Per	1.7950	6250.0	100	49098	No
41	GOM_TRA_1PNPDE20110721_032121_000000493104_00377_49098_5706.N1	21-JUL-2011 03:21:21	Bright	49.000	79	26Bet Per	2.3100	13100.	98	49098	No
42	GOM_TRA_1PNPDE20110721_032430_000000493104_00377_49098_5707.N1	21-JUL-2011 03:24:30	Twilight	48.500	150	44Zet Per	2.8900	28000.	97	49098	No
43	GOM_TRA_1PNPDE20110721_032715_000000463104_00377_49098_5708.N1	21-JUL-2011 03:27:15	Twilight	45.500	146	25Eta Tau	2.8730	15200.	91	49098	No
44	GOM_TRA_1PNPDE20110721_032851_000000483104_00377_49098_5709.N1	21-JUL-2011 03:28:51	Twilight	47.500	13	87Alp Tau	0.86700	3800.0	95	49098	No
45	GOM_TRA_1PNPDE20110721_033841_000000483104_00377_49098_5710.N1	21-JUL-2011 03:38:41	Dark	48.000	165	34Gam Eri	2.9500	3200.0	96	49098	No
46	GOM_TRA_1PNPDE20110721_034751_000000423104_00377_49098_5711.N1	21-JUL-2011 03:47:51	Dark	42.000	157	The1Eri	2.9060	9300.0	84	49098	No
47	GOM_TRA_1PNPDE20110721_035351_000000523104_00378_49099_5712.N1	21-JUL-2011 03:53:51	Dark	52.000	9	Alp Eri	0.45300	24000.	104	49099	No
48	GOM_TRA_1PNPDE20110721_035731_000000543104_00378_49099_5713.N1	21-JUL-2011 03:57:31	Dark	54.000	84	Alp Phe	2.3970	4500.0	108	49099	No
49	GOM_TRA_1PNPDE20110721_040113_000000393104_00378_49099_5714.N1	21-JUL-2011 04:01:13	Straylight	39.000	148	Alp Tuc	2.8780	4100.0	78	49099	No

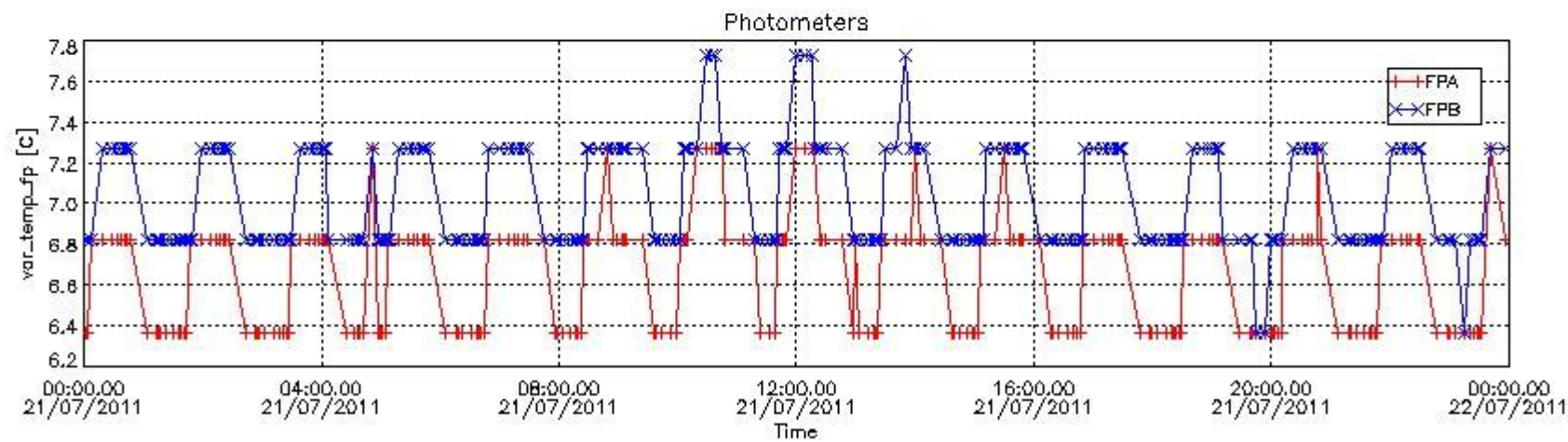
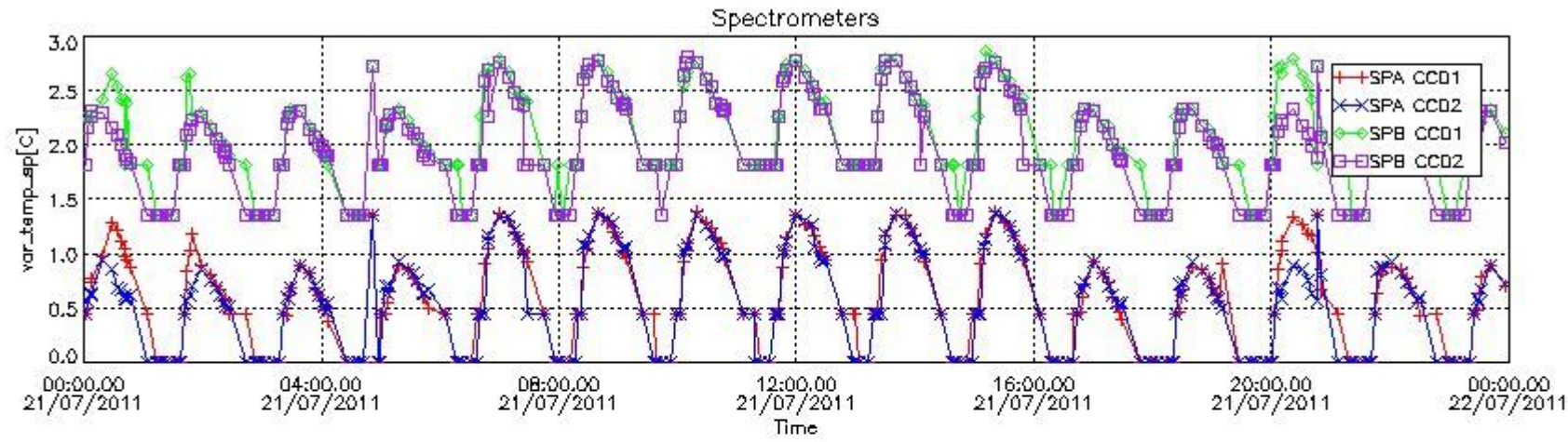
50	GOM_TRA_1PNPDE20110721_040248_000000533104_00378_49099_5715.N1	21-JUL-2011 04:02:48	Straylight	53.000	63	Bet Gru	2.1500	2800.0	106	49099	No
51	GOM_TRA_1PNPDE20110721_040414_000000473104_00378_49099_5716.N1	21-JUL-2011 04:04:14	Straylight	46.500	31	Alp Gru	1.7340	15200.	93	49099	No
52	GOM_TRA_1PNPDE20110721_040726_000000493104_00378_49099_5717.N1	21-JUL-2011 04:07:26	Straylight	48.500	172	Gam Gru	3.0030	13100.	97	49099	No
53	GOM_TRA_1PNPDE20110721_042453_000000413104_00378_49099_5718.N1	21-JUL-2011 04:24:53	Bright	40.500	11	53Alp Aql	0.76500	8000.0	81	49099	No
54	GOM_TRA_1PNPDE20110721_043302_000000353104_00378_49099_5719.N1	21-JUL-2011 04:33:02	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	49099	No
55	GOM_TRA_1PNPDE20110721_043548_000000413104_00378_49099_5720.N1	21-JUL-2011 04:35:48	Bright	41.000	144	18Del Cyg	2.8600	11000.	82	49099	No
56	GOM_TRA_1PNPDE20110721_043739_000000473104_00378_49099_5721.N1	21-JUL-2011 04:37:39	Bright	47.000	19	50Alp Cyg	1.2460	10500.	94	49099	No
57	GOM_TRA_1PNPDE20110721_044248_000000443104_00378_49099_5722.N1	21-JUL-2011 04:42:48	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	49099	No
58	GOM_TRA_1PNPDE20110721_045134_000000493104_00378_49099_5748.N1	21-JUL-2011 04:51:34	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	49099	No
59	GOM_TRA_1PNPDE20110721_045706_000000443104_00378_49099_5749.N1	21-JUL-2011 04:57:06	Bright	43.500	160	23Gam Per	2.9300	4700.0	87	49099	No
60	GOM_TRA_1PNPDE20110721_045834_000000443104_00378_49099_5750.N1	21-JUL-2011 04:58:34	Bright	44.000	35	33Alp Per	1.7950	6250.0	88	49099	No
61	GOM_TRA_1PNPDE20110721_050135_000000503104_00378_49099_5751.N1	21-JUL-2011 05:01:35	Bright	49.500	79	26Bet Per	2.3100	13100.	99	49099	No
62	GOM_TRA_1PNPDE20110721_050445_000000473104_00378_49099_5752.N1	21-JUL-2011 05:04:45	Twilight	46.500	150	44Zet Per	2.8900	28000.	93	49099	No
63	GOM_TRA_1PNPDE20110721_050729_000000443104_00378_49099_5753.N1	21-JUL-2011 05:07:29	Twilight	44.000	146	25Eta Tau	2.8730	15200.	88	49099	No
64	GOM_TRA_1PNPDE20110721_050905_000000453104_00378_49099_5754.N1	21-JUL-2011 05:09:05	Twilight	45.000	13	87Alp Tau	0.86700	3800.0	90	49099	No
65	GOM_TRA_1PNPDE20110721_051855_000000503104_00378_49099_5755.N1	21-JUL-2011 05:18:55	Dark	49.500	165	34Gam Eri	2.9500	3200.0	99	49099	No
66	GOM_TRA_1PNPDE20110721_052806_000000433104_00378_49099_5756.N1	21-JUL-2011 05:28:06	Dark	43.000	157	The1Eri	2.9060	9300.0	86	49099	No
67	GOM_TRA_1PNPDE20110721_053405_000000473104_00379_49100_5757.N1	21-JUL-2011 05:34:05	Dark	46.500	9	Alp Eri	0.45300	24000.	93	49100	No
68	GOM_TRA_1PNPDE20110721_053746_000000623104_00379_49100_5758.N1	21-JUL-2011 05:37:46	Dark	62.000	84	Alp Phe	2.3970	4500.0	124	49100	No
69	GOM_TRA_1PNPDE20110721_054302_000000573104_00379_49100_5759.N1	21-JUL-2011 05:43:02	Straylight	57.000	63	Bet Gru	2.1500	2800.0	114	49100	No
70	GOM_TRA_1PNPDE20110721_054429_000000493104_00379_49100_5760.N1	21-JUL-2011 05:44:29	Straylight	48.500	31	Alp Gru	1.7340	15200.	97	49100	No
71	GOM_TRA_1PNPDE20110721_054741_000000483104_00379_49100_5761.N1	21-JUL-2011 05:47:41	Straylight	47.500	172	Gam Gru	3.0030	13100.	95	49100	No
72	GOM_TRA_1PNPDE20110721_060507_000000423104_00379_49100_5762.N1	21-JUL-2011 06:05:07	Bright	42.000	11	53Alp Aql	0.76500	8000.0	84	49100	No
73	GOM_TRA_1PNPDE20110721_061602_000000403104_00379_49100_5763.N1	21-JUL-2011 06:16:02	Bright	40.000	144	18Del Cyg	2.8600	11000.	80	49100	No
74	GOM_TRA_1PNPDE20110721_061753_000000483104_00379_49100_5764.N1	21-JUL-2011 06:17:53	Bright	47.500	19	50Alp Cyg	1.2460	10500.	95	49100	No
75	GOM_TRA_1PNPDE20110721_062302_000000433104_00379_49100_5765.N1	21-JUL-2011 06:23:02	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	49100	No
76	GOM_TRA_1PNPDK20110721_063148_000000483104_00379_49100_8509.N1	21-JUL-2011 06:31:48	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	49100	No
77	GOM_TRA_1PNPDK20110721_063720_000000423104_00379_49100_8510.N1	21-JUL-2011 06:37:20	Bright	42.000	160	23Gam Per	2.9300	4700.0	84	49100	No
78	GOM_TRA_1PNPDK20110721_063848_000000443104_00379_49100_8511.N1	21-JUL-2011 06:38:48	Bright	44.000	35	33Alp Per	1.7950	6250.0	88	49100	No
79	GOM_TRA_1PNPDK20110721_064149_000000483104_00379_49100_8512.N1	21-JUL-2011 06:41:49	Bright	47.500	79	26Bet Per	2.3100	13100.	95	49100	No
80	GOM_TRA_1PNPDK20110721_064459_000000493104_00379_49100_8513.N1	21-JUL-2011 06:44:59	Twilight	48.500	150	44Zet Per	2.8900	28000.	97	49100	No
81	GOM_TRA_1PNPDK20110721_064743_000000443104_00379_49100_8514.N1	21-JUL-2011 06:47:43	Twilight	44.000	146	25Eta Tau	2.8730	15200.	88	49100	No
82	GOM_TRA_1PNPDK20110721_064919_000000483104_00379_49100_8515.N1	21-JUL-2011 06:49:19	Twilight	47.500	13	87Alp Tau	0.86700	3800.0	95	49100	No
83	GOM_TRA_1PNPDK20110721_065910_000000503104_00379_49100_8516.N1	21-JUL-2011 06:59:10	Dark	50.000	165	34Gam Eri	2.9500	3200.0	100	49100	No
84	GOM_TRA_1PNPDK20110721_070821_000000443104_00379_49100_8517.N1	21-JUL-2011 07:08:21	Dark	43.500	157	The1Eri	2.9060	9300.0	87	49100	No
85	GOM_TRA_1PNPDK20110721_071420_000000423104_00380_49101_8518.N1	21-JUL-2011 07:14:20	Dark	42.000	9	Alp Eri	0.45300	24000.	84	49101	No
86	GOM_TRA_1PNPDK20110721_071802_000000533104_00380_49101_8519.N1	21-JUL-2011 07:18:02	Dark	53.000	84	Alp Phe	2.3970	4500.0	106	49101	No
87	GOM_TRA_1PNPDK20110721_072317_000000613104_00380_49101_8520.N1	21-JUL-2011 07:23:17	Straylight	60.500	63	Bet Gru	2.1500	2800.0	121	49101	No
88	GOM_TRA_1PNPDK20110721_072443_000000503104_00380_49101_8521.N1	21-JUL-2011 07:24:43	Straylight	49.500	31	Alp Gru	1.7340	15200.	99	49101	No
89	GOM_TRA_1PNPDK20110721_072755_000000493104_00380_49101_8522.N1	21-JUL-2011 07:27:55	Straylight	48.500	172	Gam Gru	3.0030	13100.	97	49101	No
90	GOM_TRA_1PNPDK20110721_074521_000000423104_00380_49101_8546.N1	21-JUL-2011 07:45:21	Bright	41.500	11	53Alp Aql	0.76500	8000.0	83	49101	No
91	GOM_TRA_1PNPDK20110721_075615_000000403104_00380_49101_8547.N1	21-JUL-2011 07:56:15	Bright	39.500	144	18Del Cyg	2.8600	11000.	79	49101	No
92	GOM_TRA_1PNPDK20110721_075806_000000473104_00380_49101_8548.N1	21-JUL-2011 07:58:06	Bright	47.000	19	50Alp Cyg	1.2460	10500.	94	49101	No
93	GOM_TRA_1PNPDK20110721_080316_000000413104_00380_49101_8549.N1	21-JUL-2011 08:03:16	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	49101	No
94	GOM_TRA_1PNPDK20110721_081201_000000523104_00380_49101_8550.N1	21-JUL-2011 08:12:01	Bright	51.500	76	27Gam Cas	2.3000	30000.	103	49101	No
95	GOM_TRA_1PNPDK20110721_081734_000000453104_00380_49101_8551.N1	21-JUL-2011 08:17:34	Bright	44.500	160	23Gam Per	2.9300	4700.0	89	49101	No
96	GOM_TRA_1PNPDK20110721_081901_000000523104_00380_49101_8552.N1	21-JUL-2011 08:19:01	Bright	51.500	35	33Alp Per	1.7950	6250.0	103	49101	No
97	GOM_TRA_1PNPDK20110721_082203_000000473104_00380_49101_8553.N1	21-JUL-2011 08:22:03	Bright	47.000	79	26Bet Per	2.3100	13100.	94	49101	No
98	GOM_TRA_1PNPDK20110721_082513_000000483104_00380_49101_8554.N1	21-JUL-2011 08:25:13	Twilight	48.000	150	44Zet Per	2.8900	28000.	96	49101	No
99	GOM_TRA_1PNPDK20110721_082758_000000473104_00380_49101_8555.N1	21-JUL-2011 08:27:58	Twilight	46.500	146	25Eta Tau	2.8730	15200.	93	49101	No
100	GOM_TRA_1PNPDK20110721_082934_000000393104_00380_49101_8556.N1	21-JUL-2011 08:29:34	Twilight	38.500	13	87Alp Tau	0.86700	3800.0	77	49101	No
101	GOM_TRA_1PNPDK20110721_083925_000000483104_00380_49101_8557.N1	21-JUL-2011 08:39:25	Dark	47.500	165	34Gam Eri	2.9500	3200.0	95	49101	No
102	GOM_TRA_1PNPDK20110721_084836_000000433104_00380_49101_8558.N1	21-JUL-2011 08:48:36	Dark	43.000	157	The1Eri	2.9060	9300.0	86	49101	No
103	GOM_TRA_1PNPDK20110721_085435_000000423104_00381_49102_8559.N1	21-JUL-2011 08:54:35	Dark	42.000	9	Alp Eri	0.45300	24000.	84	49102	No
104	GOM_TRA_1PNPDK20110721_085817_000000543104_00381_49102_8560.N1	21-JUL-2011 08:58:17	Dark	53.500	84	Alp Phe	2.3970	4500.0	107	49102	No
105	GOM_TRA_1PNPDK20110721_090332_000000663104_00381_49102_8561.N1	21-JUL-2011 09:03:32	Straylight	66.000	63	Bet Gru	2.1500	2800.0	132	49102	No
106	GOM_TRA_1PNPDK20110721_090458_000000463104_00381_49102_8562.N1	21-JUL-2011 09:04:58	Straylight	45.500	31	Alp Gru	1.7340	15200.	91	49102	No
107	GOM_TRA_1PNPDK20110721_090810_000000503104_00381_49102_8563.N1	21-JUL-2011 09:08:10	Straylight	50.000	172	Gam Gru	3.0030	13100.	100	49102	No
108	GOM_TRA_1PNPDK20110721_092535_000000443104_00381_49102_8584.N1	21-JUL-2011 09:25:35	Bright	43.500	11	53Alp Aql	0.76500	8000.0	87	49102	No

109	GOM_TRA_1PNPDK20110721_093629_000000413104_00381_49102_8585.N1	21-JUL-2011 09:36:29	Bright	40.500	144	18Del Cyg	2.8600	11000.	81	49102	No
110	GOM_TRA_1PNPDK20110721_093819_000000483104_00381_49102_8586.N1	21-JUL-2011 09:38:19	Bright	47.500	19	50Alp Cyg	1.2460	10500.	95	49102	No
111	GOM_TRA_1PNPDK20110721_094329_000000403104_00381_49102_8587.N1	21-JUL-2011 09:43:29	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	49102	No
112	GOM_TRA_1PNPDK20110721_095215_000000523104_00381_49102_8588.N1	21-JUL-2011 09:52:15	Bright	52.000	76	27Gam Cas	2.3000	30000.	104	49102	No
113	GOM_TRA_1PNPDK20110721_095748_000000643104_00381_49102_8589.N1	21-JUL-2011 09:57:48	Bright	64.000	160	23Gam Per	2.9300	4700.0	128	49102	No
114	GOM_TRA_1PNPDK20110721_095915_000000433104_00381_49102_8590.N1	21-JUL-2011 09:59:15	Bright	43.000	35	33Alp Per	1.7950	6250.0	86	49102	No
115	GOM_TRA_1PNPDK20110721_100217_000000503104_00381_49102_8591.N1	21-JUL-2011 10:02:17	Bright	49.500	79	26Bet Per	2.3100	13100.	99	49102	No
116	GOM_TRA_1PNPDK20110721_100527_000000483104_00381_49102_8592.N1	21-JUL-2011 10:05:27	Twilight	47.500	150	44Zet Per	2.8900	28000.	95	49102	No
117	GOM_TRA_1PNPDK20110721_100812_000000503104_00381_49102_8593.N1	21-JUL-2011 10:08:12	Twilight	49.500	146	25Eta Tau	2.8730	15200.	99	49102	No
118	GOM_TRA_1PNPDK20110721_100948_000000493104_00381_49102_8594.N1	21-JUL-2011 10:09:48	Twilight	48.500	13	87Alp Tau	0.86700	3800.0	97	49102	No
119	GOM_TRA_1PNPDK20110721_101939_000000503104_00381_49102_8595.N1	21-JUL-2011 10:19:39	Dark	50.000	165	34Gam Eri	2.9500	3200.0	100	49102	No
120	GOM_TRA_1PNPDK20110721_102851_000000443104_00381_49102_8596.N1	21-JUL-2011 10:28:51	Dark	43.500	157	The1Eri	2.9060	9300.0	87	49102	No
121	GOM_TRA_1PNPDK20110721_103449_000000433104_00382_49103_8597.N1	21-JUL-2011 10:34:49	Dark	43.000	9	Alp Eri	0.45300	24000.	86	49103	No
122	GOM_TRA_1PNPDK20110721_103832_000000643104_00382_49103_8598.N1	21-JUL-2011 10:38:32	Straylight	63.500	84	Alp Phe	2.3970	4500.0	127	49103	No
123	GOM_TRA_1PNPDK20110721_104347_000000553104_00382_49103_8599.N1	21-JUL-2011 10:43:47	Straylight	55.000	63	Bet Gru	2.1500	2800.0	110	49103	No
124	GOM_TRA_1PNPDK20110721_104512_000000483104_00382_49103_8600.N1	21-JUL-2011 10:45:12	Straylight	47.500	31	Alp Gru	1.7340	15200.	95	49103	No
125	GOM_TRA_1PNPDK20110721_104824_000000503104_00382_49103_8601.N1	21-JUL-2011 10:48:24	Straylight	49.500	172	Gam Gru	3.0030	13100.	99	49103	No
126	GOM_TRA_1PNPDK20110721_110548_000000413104_00382_49103_8608.N1	21-JUL-2011 11:05:48	Bright	40.500	11	53Alp Aql	0.76500	8000.0	81	49103	No
127	GOM_TRA_1PNPDK20110721_111642_000000413104_00382_49103_8609.N1	21-JUL-2011 11:16:42	Bright	41.000	144	18Del Cyg	2.8600	11000.	82	49103	No
128	GOM_TRA_1PNPDK20110721_111833_000000673104_00382_49103_8610.N1	21-JUL-2011 11:18:33	Bright	67.000	19	50Alp Cyg	1.2460	10500.	134	49103	No
129	GOM_TRA_1PNPDK20110721_112342_000000423104_00382_49103_8611.N1	21-JUL-2011 11:23:42	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	49103	No
130	GOM_TRA_1PNPDK20110721_113228_000000503104_00382_49103_8612.N1	21-JUL-2011 11:32:28	Bright	49.500	76	27Gam Cas	2.3000	30000.	99	49103	No
131	GOM_TRA_1PNPDK20110721_113801_000000433104_00382_49103_8613.N1	21-JUL-2011 11:38:01	Bright	42.500	160	23Gam Per	2.9300	4700.0	85	49103	No
132	GOM_TRA_1PNPDK20110721_113929_000000453104_00382_49103_8614.N1	21-JUL-2011 11:39:29	Bright	44.500	35	33Alp Per	1.7950	6250.0	89	49103	No
133	GOM_TRA_1PNPDK20110721_114231_000000703104_00382_49103_8615.N1	21-JUL-2011 11:42:31	Bright	70.000	79	26Bet Per	2.3100	13100.	140	49103	No
134	GOM_TRA_1PNPDK20110721_114541_000000493104_00382_49103_8616.N1	21-JUL-2011 11:45:41	Twilight	49.000	150	44Zet Per	2.8900	28000.	98	49103	No
135	GOM_TRA_1PNPDK20110721_114826_000000503104_00382_49103_8617.N1	21-JUL-2011 11:48:26	Twilight	50.000	146	25Eta Tau	2.8730	15200.	100	49103	No
136	GOM_TRA_1PNPDK20110721_115002_000000513104_00382_49103_8618.N1	21-JUL-2011 11:50:02	Twilight	50.500	13	87Alp Tau	0.86700	3800.0	101	49103	No
137	GOM_TRA_1PNPDK20110721_115954_000000473104_00382_49103_8619.N1	21-JUL-2011 11:59:54	Dark	47.000	165	34Gam Eri	2.9500	3200.0	94	49103	No
138	GOM_TRA_1PNPDK20110721_120905_000000443104_00382_49103_8620.N1	21-JUL-2011 12:09:05	Dark	43.500	157	The1Eri	2.9060	9300.0	87	49103	No
139	GOM_TRA_1PNPDK20110721_121504_000000433104_00383_49104_8621.N1	21-JUL-2011 12:15:04	Dark	42.500	9	Alp Eri	0.45300	24000.	85	49104	No
140	GOM_TRA_1PNPDK20110721_121847_000000543104_00383_49104_8622.N1	21-JUL-2011 12:18:47	Dark	54.000	84	Alp Phe	2.3970	4500.0	108	49104	No
141	GOM_TRA_1PNPDK20110721_122401_000000503104_00383_49104_8623.N1	21-JUL-2011 12:24:01	Straylight	50.000	63	Bet Gru	2.1500	2800.0	100	49104	No
142	GOM_TRA_1PNPDK20110721_122527_000000473104_00383_49104_8624.N1	21-JUL-2011 12:25:27	Straylight	46.500	31	Alp Gru	1.7340	15200.	93	49104	No
143	GOM_TRA_1PNPDK20110721_122839_000000513104_00383_49104_8625.N1	21-JUL-2011 12:28:39	Straylight	50.500	172	Gam Gru	3.0030	13100.	101	49104	No
144	GOM_TRA_1PNPDK20110721_124602_000000433104_00383_49104_8651.N1	21-JUL-2011 12:46:02	Bright	43.000	11	53Alp Aql	0.76500	8000.0	86	49104	No
145	GOM_TRA_1PNPDK20110721_125656_000000403104_00383_49104_8652.N1	21-JUL-2011 12:56:56	Bright	40.000	144	18Del Cyg	2.8600	11000.	80	49104	No
146	GOM_TRA_1PNPDK20110721_125846_000000673104_00383_49104_8653.N1	21-JUL-2011 12:58:46	Bright	67.000	19	50Alp Cyg	1.2460	10500.	134	49104	No
147	GOM_TRA_1PNPDK20110721_130356_000000423104_00383_49104_8654.N1	21-JUL-2011 13:03:56	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	49104	No
148	GOM_TRA_1PNPDK20110721_131241_000000493104_00383_49104_8655.N1	21-JUL-2011 13:12:41	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	49104	No
149	GOM_TRA_1PNPDK20110721_131815_000000523104_00383_49104_8656.N1	21-JUL-2011 13:18:15	Bright	51.500	160	23Gam Per	2.9300	4700.0	103	49104	No
150	GOM_TRA_1PNPDK20110721_131943_000000443104_00383_49104_8657.N1	21-JUL-2011 13:19:43	Bright	44.000	35	33Alp Per	1.7950	6250.0	88	49104	No
151	GOM_TRA_1PNPDK20110721_132245_000000543104_00383_49104_8658.N1	21-JUL-2011 13:22:45	Bright	53.500	79	26Bet Per	2.3100	13100.	107	49104	No
152	GOM_TRA_1PNPDK20110721_132555_000000483104_00383_49104_8659.N1	21-JUL-2011 13:25:55	Twilight	47.500	150	44Zet Per	2.8900	28000.	95	49104	No
153	GOM_TRA_1PNPDK20110721_132840_000000493104_00383_49104_8660.N1	21-JUL-2011 13:28:40	Twilight	49.000	146	25Eta Tau	2.8730	15200.	98	49104	No
154	GOM_TRA_1PNPDK20110721_133016_000000473104_00383_49104_8661.N1	21-JUL-2011 13:30:16	Twilight	46.500	13	87Alp Tau	0.86700	3800.0	93	49104	No
155	GOM_TRA_1PNPDK20110721_134009_000000503104_00383_49104_8662.N1	21-JUL-2011 13:40:09	Dark	50.000	165	34Gam Eri	2.9500	3200.0	100	49104	No
156	GOM_TRA_1PNPDK20110721_134920_000000423104_00383_49104_8663.N1	21-JUL-2011 13:49:20	Dark	42.000	157	The1Eri	2.9060	9300.0	84	49104	No
157	GOM_TRA_1PNPDK20110721_135519_000000433104_00384_49105_8664.N1	21-JUL-2011 13:55:19	Dark	42.500	9	Alp Eri	0.45300	24000.	85	49105	No
158	GOM_TRA_1PNPDK20110721_135902_000000543104_00384_49105_8665.N1	21-JUL-2011 13:59:02	Dark	53.500	84	Alp Phe	2.3970	4500.0	107	49105	No
159	GOM_TRA_1PNPDK20110721_140416_000000513104_00384_49105_8666.N1	21-JUL-2011 14:04:16	Straylight	50.500	63	Bet Gru	2.1500	2800.0	101	49105	No
160	GOM_TRA_1PNPDK20110721_140542_000000443104_00384_49105_8667.N1	21-JUL-2011 14:05:42	Straylight	44.000	31	Alp Gru	1.7340	15200.	88	49105	No
161	GOM_TRA_1PNPDK20110721_140853_000000483104_00384_49105_8668.N1	21-JUL-2011 14:08:53	Straylight	48.000	172	Gam Gru	3.0030	13100.	96	49105	No
162	GOM_TRA_1PNPDK20110721_142616_000000423104_00384_49105_8688.N1	21-JUL-2011 14:26:16	Bright	42.000	11	53Alp Aql	0.76500	8000.0	84	49105	No
163	GOM_TRA_1PNPDK20110721_143710_000000403104_00384_49105_8689.N1	21-JUL-2011 14:37:10	Bright	40.000	144	18Del Cyg	2.8600	11000.	80	49105	No
164	GOM_TRA_1PNPDK20110721_143859_000000473104_00384_49105_8690.N1	21-JUL-2011 14:38:59	Bright	47.000	19	50Alp Cyg	1.2460	10500.	94	49105	No
165	GOM_TRA_1PNPDK20110721_144409_000000423104_00384_49105_8691.N1	21-JUL-2011 14:44:09	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	49105	No
166	GOM_TRA_1PNPDK20110721_145255_000000713104_00384_49105_8692.N1	21-JUL-2011 14:52:55	Bright	71.000	76	27Gam Cas	2.3000	30000.	142	49105	No
167	GOM_TRA_1PNPDK20110721_145829_000000443104_00384_49105_8693.N1	21-JUL-2011 14:58:29	Bright	43.500	160	23Gam Per	2.9300	4700.0	87	49105	No

168	GOM_TRA_1PNPDK20110721_145957_000000463104_00384_49105_8694.N1	21-JUL-2011 14:59:57	Bright	45.500	35	33Alp Per	1.7950	6250.0	91	49105	No
169	GOM_TRA_1PNPDK20110721_150259_000000513104_00384_49105_8695.N1	21-JUL-2011 15:02:59	Bright	51.000	79	26Bet Per	2.3100	13100.	102	49105	No
170	GOM_TRA_1PNPDK20110721_150610_000000473104_00384_49105_8696.N1	21-JUL-2011 15:06:10	Twilight	46.500	150	44Zet Per	2.8900	28000.	93	49105	No
171	GOM_TRA_1PNPDK20110721_150855_000000473104_00384_49105_8697.N1	21-JUL-2011 15:08:55	Twilight	46.500	146	25Eta Tau	2.8730	15200.	93	49105	No
172	GOM_TRA_1PNPDK20110721_151031_000000533104_00384_49105_8698.N1	21-JUL-2011 15:10:31	Twilight	52.500	13	87Alp Tau	0.86700	3800.0	105	49105	No
173	GOM_TRA_1PNPDK20110721_152023_000000493104_00384_49105_8699.N1	21-JUL-2011 15:20:23	Dark	48.500	165	34Gam Eri	2.9500	3200.0	97	49105	No
174	GOM_TRA_1PNPDK20110721_152935_000000433104_00384_49105_8700.N1	21-JUL-2011 15:29:35	Dark	43.000	157	The1Eri	2.9060	9300.0	86	49105	No
175	GOM_TRA_1PNPDK20110721_153533_000000453104_00385_49106_8701.N1	21-JUL-2011 15:35:33	Dark	45.000	9	Alp Eri	0.45300	24000.	90	49106	No
176	GOM_TRA_1PNPDK20110721_153917_000000553104_00385_49106_8702.N1	21-JUL-2011 15:39:17	Dark	55.000	84	Alp Phe	2.3970	4500.0	110	49106	No
177	GOM_TRA_1PNPDK20110721_154431_000000543104_00385_49106_8703.N1	21-JUL-2011 15:44:31	Straylight	53.500	63	Bet Gru	2.1500	2800.0	107	49106	No
178	GOM_TRA_1PNPDK20110721_154556_000000463104_00385_49106_8704.N1	21-JUL-2011 15:45:56	Straylight	45.500	31	Alp Gru	1.7340	15200.	91	49106	No
179	GOM_TRA_1PNPDK20110721_154908_000000503104_00385_49106_8705.N1	21-JUL-2011 15:49:08	Straylight	49.500	172	Gam Gru	3.0030	13100.	99	49106	No
180	GOM_TRA_1PNPDK20110721_160629_000000423104_00385_49106_8714.N1	21-JUL-2011 16:06:29	Bright	42.000	11	53Alp Aql	0.76500	8000.0	84	49106	No
181	GOM_TRA_1PNPDK20110721_161723_000000413104_00385_49106_8715.N1	21-JUL-2011 16:17:23	Bright	40.500	144	18Del Cyg	2.8600	11000.	81	49106	No
182	GOM_TRA_1PNPDK20110721_161912_000000483104_00385_49106_8716.N1	21-JUL-2011 16:19:12	Bright	47.500	19	50Alp Cyg	1.2460	10500.	95	49106	No
183	GOM_TRA_1PNPDK20110721_162422_000000623104_00385_49106_8717.N1	21-JUL-2011 16:24:22	Bright	62.000	89	5Alp Cep	2.4510	8000.0	124	49106	No
184	GOM_TRA_1PNPDK20110721_163308_000000493104_00385_49106_8718.N1	21-JUL-2011 16:33:08	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	49106	No
185	GOM_TRA_1PNPDK20110721_163843_000000443104_00385_49106_8719.N1	21-JUL-2011 16:38:43	Bright	43.500	160	23Gam Per	2.9300	4700.0	87	49106	No
186	GOM_TRA_1PNPDK20110721_164010_000000633104_00385_49106_8720.N1	21-JUL-2011 16:40:10	Bright	63.000	35	33Alp Per	1.7950	6250.0	126	49106	No
187	GOM_TRA_1PNPDK20110721_164313_000000513104_00385_49106_8721.N1	21-JUL-2011 16:43:13	Bright	51.000	79	26Bet Per	2.3100	13100.	102	49106	No
188	GOM_TRA_1PNPDK20110721_164624_000000503104_00385_49106_8722.N1	21-JUL-2011 16:46:24	Twilight	49.500	150	44Zet Per	2.8900	28000.	99	49106	No
189	GOM_TRA_1PNPDK20110721_164909_000000493104_00385_49106_8723.N1	21-JUL-2011 16:49:09	Twilight	48.500	146	25Eta Tau	2.8730	15200.	97	49106	No
190	GOM_TRA_1PNPDK20110721_165045_000000493104_00385_49106_8724.N1	21-JUL-2011 16:50:45	Twilight	48.500	13	87Alp Tau	0.86700	3800.0	97	49106	No
191	GOM_TRA_1PNPDK20110721_170038_000000483104_00385_49106_8725.N1	21-JUL-2011 17:00:38	Dark	47.500	165	34Gam Eri	2.9500	3200.0	95	49106	No
192	GOM_TRA_1PNPDK20110721_170950_000000443104_00385_49106_8726.N1	21-JUL-2011 17:09:50	Dark	43.500	157	The1Eri	2.9060	9300.0	87	49106	No
193	GOM_TRA_1PNPDK20110721_171548_000000493104_00386_49107_8727.N1	21-JUL-2011 17:15:48	Dark	49.000	9	Alp Eri	0.45300	24000.	98	49107	No
194	GOM_TRA_1PNPDK20110721_171932_000000553104_00386_49107_8728.N1	21-JUL-2011 17:19:32	Dark	54.500	84	Alp Phe	2.3970	4500.0	109	49107	No
195	GOM_TRA_1PNPDK20110721_172446_000000483104_00386_49107_8729.N1	21-JUL-2011 17:24:46	Straylight	48.000	63	Bet Gru	2.1500	2800.0	96	49107	No
196	GOM_TRA_1PNPDK20110721_172611_000000463104_00386_49107_8730.N1	21-JUL-2011 17:26:11	Straylight	45.500	31	Alp Gru	1.7340	15200.	91	49107	No
197	GOM_TRA_1PNPDK20110721_172923_000000483104_00386_49107_8731.N1	21-JUL-2011 17:29:23	Straylight	48.000	172	Gam Gru	3.0030	13100.	96	49107	No
198	GOM_TRA_1PNPDK20110721_174643_000000443104_00386_49107_8745.N1	21-JUL-2011 17:46:43	Bright	43.500	11	53Alp Aql	0.76500	8000.0	87	49107	No
199	GOM_TRA_1PNPDK20110721_175737_000000403104_00386_49107_8746.N1	21-JUL-2011 17:57:37	Bright	40.000	144	18Del Cyg	2.8600	11000.	80	49107	No
200	GOM_TRA_1PNPDK20110721_175926_000000483104_00386_49107_8747.N1	21-JUL-2011 17:59:26	Bright	47.500	19	50Alp Cyg	1.2460	10500.	95	49107	No
201	GOM_TRA_1PNPDK20110721_180436_000000423104_00386_49107_8748.N1	21-JUL-2011 18:04:36	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	49107	No
202	GOM_TRA_1PNPDK20110721_181322_000000483104_00386_49107_8749.N1	21-JUL-2011 18:13:22	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	49107	No
203	GOM_TRA_1PNPDK20110721_181856_000000643104_00386_49107_8750.N1	21-JUL-2011 18:18:56	Bright	64.000	160	23Gam Per	2.9300	4700.0	128	49107	No
204	GOM_TRA_1PNPDK20110721_182024_000000633104_00386_49107_8751.N1	21-JUL-2011 18:20:24	Bright	63.000	35	33Alp Per	1.7950	6250.0	126	49107	No
205	GOM_TRA_1PNPDK20110721_182327_000000503104_00386_49107_8752.N1	21-JUL-2011 18:23:27	Bright	50.000	79	26Bet Per	2.3100	13100.	100	49107	No
206	GOM_TRA_1PNPDK20110721_182638_000000463104_00386_49107_8753.N1	21-JUL-2011 18:26:38	Twilight	45.500	150	44Zet Per	2.8900	28000.	91	49107	No
207	GOM_TRA_1PNPDK20110721_182923_000000493104_00386_49107_8754.N1	21-JUL-2011 18:29:23	Twilight	49.000	146	25Eta Tau	2.8730	15200.	98	49107	No
208	GOM_TRA_1PNPDK20110721_183059_000000493104_00386_49107_8755.N1	21-JUL-2011 18:30:59	Twilight	49.000	13	87Alp Tau	0.86700	3800.0	98	49107	No
209	GOM_TRA_1PNPDK20110721_184052_000000503104_00386_49107_8756.N1	21-JUL-2011 18:40:52	Dark	50.000	165	34Gam Eri	2.9500	3200.0	100	49107	No
210	GOM_TRA_1PNPDK20110721_185004_000000433104_00386_49107_8757.N1	21-JUL-2011 18:50:04	Dark	43.000	157	The1Eri	2.9060	9300.0	86	49107	No
211	GOM_TRA_1PNPDK20110721_185603_000000453104_00387_49108_8758.N1	21-JUL-2011 18:56:03	Dark	45.000	9	Alp Eri	0.45300	24000.	90	49108	No
212	GOM_TRA_1PNPDK20110721_185948_000000533104_00387_49108_8759.N1	21-JUL-2011 18:59:48	Dark	52.500	84	Alp Phe	2.3970	4500.0	105	49108	No
213	GOM_TRA_1PNPDK20110721_190500_000000473104_00387_49108_8760.N1	21-JUL-2011 19:05:00	Straylight	47.000	63	Bet Gru	2.1500	2800.0	94	49108	No
214	GOM_TRA_1PNPDK20110721_190626_000000453104_00387_49108_8761.N1	21-JUL-2011 19:06:26	Straylight	44.500	31	Alp Gru	1.7340	15200.	89	49108	No
215	GOM_TRA_1PNPDK20110721_190937_000000493104_00387_49108_8761.N1	21-JUL-2011 19:09:37	Straylight	48.500	172	Gam Gru	3.0030	13100.	97	49108	No
216	GOM_TRA_1PNPDK20110721_192657_000000423104_00387_49108_8762.N1	21-JUL-2011 19:26:57	Bright	42.000	11	53Alp Aql	0.76500	8000.0	84	49108	No
217	GOM_TRA_1PNPDK20110721_193750_000000403104_00387_49108_8763.N1	21-JUL-2011 19:37:50	Bright	40.000	144	18Del Cyg	2.8600	11000.	80	49108	No
218	GOM_TRA_1PNPDK20110721_193939_000000483104_00387_49108_8764.N1	21-JUL-2011 19:39:39	Bright	47.500	19	50Alp Cyg	1.2460	10500.	95	49108	No
219	GOM_TRA_1PNPDK20110721_194449_000000423104_00387_49108_8765.N1	21-JUL-2011 19:44:49	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	49108	No
220	GOM_TRA_1PNPDK20110721_195335_000000483104_00387_49108_8766.N1	21-JUL-2011 19:53:35	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	49108	No
221	GOM_TRA_1PNPDK20110721_195910_000000503104_00387_49108_8767.N1	21-JUL-2011 19:59:10	Bright	49.500	160	23Gam Per	2.9300	4700.0	99	49108	No
222	GOM_TRA_1PNPDK20110721_200038_000000423104_00387_49108_8768.N1	21-JUL-2011 20:00:38	Bright	41.500	35	33Alp Per	1.7950	6250.0	83	49108	No
223	GOM_TRA_1PNPDK20110721_200340_000000573104_00387_49108_8769.N1	21-JUL-2011 20:03:40	Bright	56.500	79	26Bet Per	2.3100	13100.	113	49108	No
224	GOM_TRA_1PNPDK20110721_200652_000000463104_00387_49108_8770.N1	21-JUL-2011 20:06:52	Twilight	46.000	150	44Zet Per	2.8900	28000.	92	49108	No
225	GOM_TRA_1PNPDK20110721_200937_000000503104_00387_49108_8771.N1	21-JUL-2011 20:09:37	Twilight	50.000	146	25Eta Tau	2.8730	15200.	100	49108	No
226	GOM_TRA_1PNPDK20110721_201113_000000513104_00387_49108_8772.N1	21-JUL-2011 20:11:13	Twilight	51.000	13	87Alp Tau	0.86700	3800.0	102	49108	No

227	GOM_TRA_1PNPDK20110721_202107_000000493104_00387_49108_8773.N1	21-JUL-2011 20:21:07	Dark	48.500	165	34Gam Eri	2.9500	3200.0	97	49108	No
228	GOM_TRA_1PNPDK20110721_203019_000000443104_00387_49108_8774.N1	21-JUL-2011 20:30:19	Dark	44.000	157	The1Eri	2.9060	9300.0	88	49108	No
229	GOM_TRA_1PNPDK20110721_203617_000000443104_00388_49109_8775.N1	21-JUL-2011 20:36:17	Dark	43.500	9	Alp Eri	0.45300	24000.	87	49109	No
230	GOM_TRA_1PNPDK20110721_204003_000000543104_00388_49109_8776.N1	21-JUL-2011 20:40:03	Dark	54.000	84	Alp Phe	2.3970	4500.0	108	49109	No
231	GOM_TRA_1PNPDK20110721_204515_000000623104_00388_49109_8777.N1	21-JUL-2011 20:45:15	Straylight	62.000	63	Bet Gru	2.1500	2800.0	124	49109	No
232	GOM_TRA_1PNPDE20110721_204640_000000453104_00388_49109_5933.N1	21-JUL-2011 20:46:40	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	49109	Yes
233	GOM_TRA_1PNPDE20110721_204952_000000503104_00388_49109_5934.N1	21-JUL-2011 20:49:52	Straylight	49.500	172	Gam Gru	3.0030	13100.	99	49109	No
234	GOM_TRA_1PNPDE20110721_210711_000000423104_00388_49109_5935.N1	21-JUL-2011 21:07:11	Bright	42.000	11	53Alp Aql	0.76500	8000.0	84	49109	No
235	GOM_TRA_1PNPDE20110721_211804_000000403104_00388_49109_5936.N1	21-JUL-2011 21:18:04	Bright	40.000	144	18Del Cyg	2.8600	11000.	80	49109	No
236	GOM_TRA_1PNPDE20110721_211952_000000673104_00388_49109_5937.N1	21-JUL-2011 21:19:52	Bright	67.000	19	50Alp Cyg	1.2460	10500.	134	49109	No
237	GOM_TRA_1PNPDE20110721_212503_000000443104_00388_49109_5938.N1	21-JUL-2011 21:25:03	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	49109	No
238	GOM_TRA_1PNPDE20110721_213348_000000483104_00388_49109_5939.N1	21-JUL-2011 21:33:48	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	49109	No
239	GOM_TRA_1PNPDE20110721_213924_000000643104_00388_49109_5940.N1	21-JUL-2011 21:39:24	Bright	64.000	160	23Gam Per	2.9300	4700.0	128	49109	No
240	GOM_TRA_1PNPDE20110721_214052_000000443104_00388_49109_5941.N1	21-JUL-2011 21:40:52	Bright	44.000	35	33Alp Per	1.7950	6250.0	88	49109	No
241	GOM_TRA_1PNPDE20110721_214354_000000603104_00388_49109_5942.N1	21-JUL-2011 21:43:54	Bright	60.000	79	26Bet Per	2.3100	13100.	120	49109	No
242	GOM_TRA_1PNPDE20110721_214706_000000483104_00388_49109_5943.N1	21-JUL-2011 21:47:06	Twilight	48.000	150	44Zet Per	2.8900	28000.	96	49109	No
243	GOM_TRA_1PNPDE20110721_214952_000000493104_00388_49109_5944.N1	21-JUL-2011 21:49:52	Twilight	49.000	146	25Eta Tau	2.8730	15200.	98	49109	No
244	GOM_TRA_1PNPDE20110721_215128_000000443104_00388_49109_5945.N1	21-JUL-2011 21:51:28	Twilight	43.500	13	87Alp Tau	0.86700	3800.0	87	49109	No
245	GOM_TRA_1PNPDE20110721_220122_000000503104_00388_49109_5973.N1	21-JUL-2011 22:01:22	Dark	49.500	165	34Gam Eri	2.9500	3200.0	99	49109	No
246	GOM_TRA_1PNPDE20110721_221034_000000423104_00388_49109_5974.N1	21-JUL-2011 22:10:34	Dark	42.000	157	The1Eri	2.9060	9300.0	84	49109	No
247	GOM_TRA_1PNPDE20110721_221632_000000443104_00389_49110_5975.N1	21-JUL-2011 22:16:32	Dark	44.000	9	Alp Eri	0.45300	24000.	88	49110	No
248	GOM_TRA_1PNPDE20110721_222018_000000553104_00389_49110_5976.N1	21-JUL-2011 22:20:18	Dark	54.500	84	Alp Phe	2.3970	4500.0	109	49110	No
249	GOM_TRA_1PNPDE20110721_222655_000000453104_00389_49110_5977.N1	21-JUL-2011 22:26:55	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	49110	No
250	GOM_TRA_1PNPDE20110721_223006_000000503104_00389_49110_5978.N1	21-JUL-2011 22:30:06	Straylight	49.500	172	Gam Gru	3.0030	13100.	99	49110	No
251	GOM_TRA_1PNPDE20110721_224724_000000423104_00389_49110_5979.N1	21-JUL-2011 22:47:24	Bright	41.500	11	53Alp Aql	0.76500	8000.0	83	49110	No
252	GOM_TRA_1PNPDE20110721_225818_000000413104_00389_49110_5980.N1	21-JUL-2011 22:58:18	Bright	41.000	144	18Del Cyg	2.8600	11000.	82	49110	No
253	GOM_TRA_1PNPDE20110721_230006_000000443104_00389_49110_5981.N1	21-JUL-2011 23:00:06	Bright	43.500	19	50Alp Cyg	1.2460	10500.	87	49110	No
254	GOM_TRA_1PNPDE20110721_230516_000000433104_00389_49110_5982.N1	21-JUL-2011 23:05:16	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	49110	No
255	GOM_TRA_1PNPDE20110721_231402_000000493104_00389_49110_5983.N1	21-JUL-2011 23:14:02	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	49110	No
256	GOM_TRA_1PNPDE20110721_231938_000000643104_00389_49110_5984.N1	21-JUL-2011 23:19:38	Bright	64.000	160	23Gam Per	2.9300	4700.0	128	49110	No
257	GOM_TRA_1PNPDE20110721_232106_000000633104_00389_49110_5985.N1	21-JUL-2011 23:21:06	Bright	63.000	35	33Alp Per	1.7950	6250.0	126	49110	No
258	GOM_TRA_1PNPDE20110721_232408_000000503104_00389_49110_5986.N1	21-JUL-2011 23:24:08	Bright	50.000	79	26Bet Per	2.3100	13100.	100	49110	No
259	GOM_TRA_1PNPDE20110721_232720_000000493104_00389_49110_5987.N1	21-JUL-2011 23:27:20	Twilight	48.500	150	44Zet Per	2.8900	28000.	97	49110	No
260	GOM_TRA_1PNPDE20110721_233006_000000493104_00389_49110_5988.N1	21-JUL-2011 23:30:06	Twilight	48.500	146	25Eta Tau	2.8730	15200.	97	49110	No
261	GOM_TRA_1PNPDE20110721_233142_000000483104_00389_49110_5989.N1	21-JUL-2011 23:31:42	Twilight	48.000	13	87Alp Tau	0.86700	3800.0	96	49110	No
262	GOM_TRA_1PNPDE20110721_234136_000000493104_00389_49110_6009.N1	21-JUL-2011 23:41:36	Dark	49.000	165	34Gam Eri	2.9500	3200.0	98	49110	Yes
263	GOM_TRA_1PNPDE20110721_235646_000000573104_00390_49111_6010.N1	21-JUL-2011 23:56:46	Dark	57.000	9	Alp Eri	0.45300	24000.	114	49111	No

3. Plot of GOMOS spectrometers and photometers temperatures from level 1b data



4. Overview of dark signal processing per product

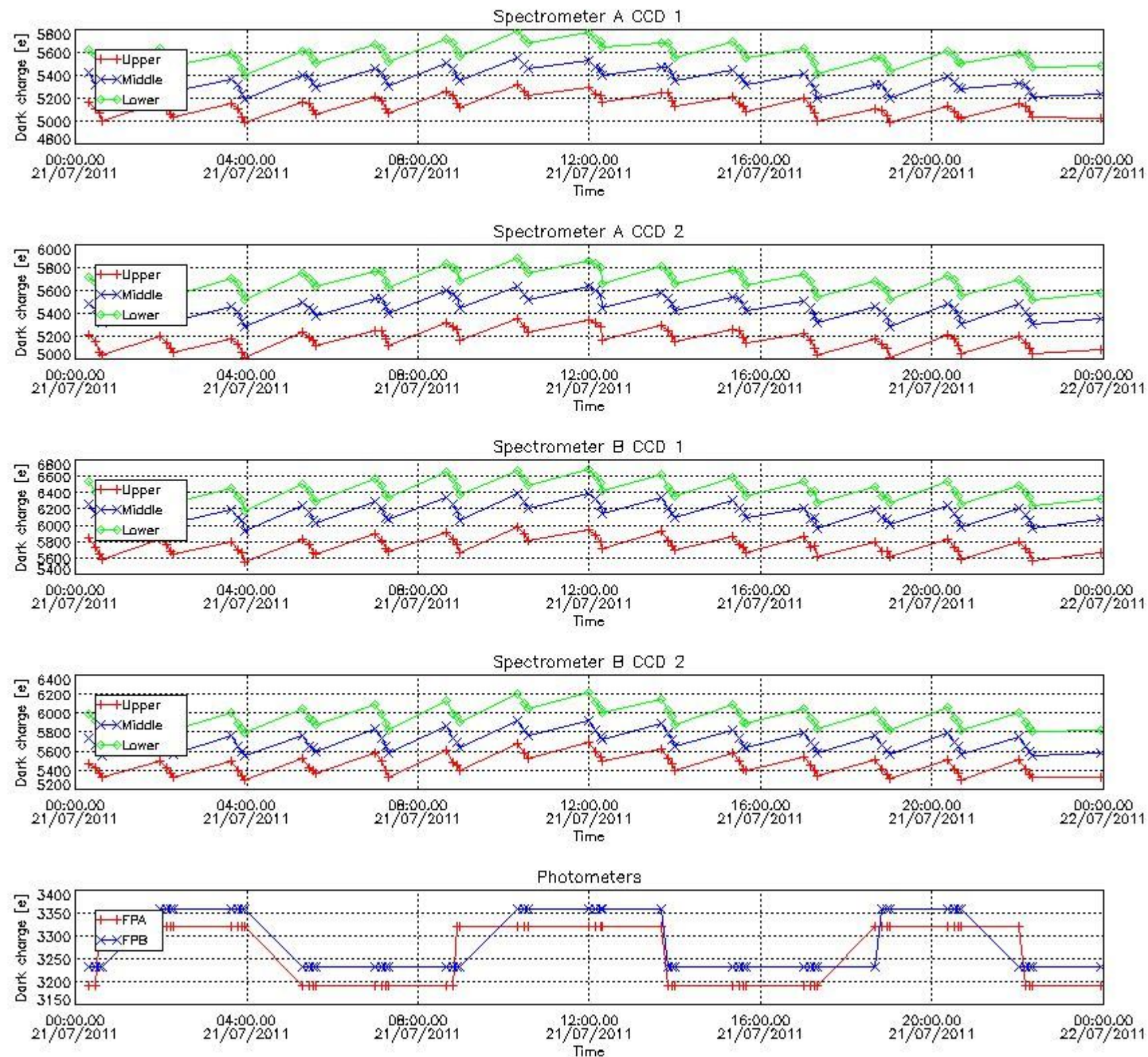
The Dark Charge (DC) is a temperature-dependant signal added to the useful measurements and it is therefore subtracted from them during the processing. There are two phenomena that produce a continuous increase of the DC: the "hot pixels" (a pixel is "hot" when its DC exceeds by a significant amount its value measured on ground at the same temperature) and the "Random Telegraphic Signal" (abrupt change positive or negative of the CCD pixel signal, random in time, affecting only the DC part of the signal and not the photon generated signal).

In this section a list of products that did not use the Dark Sky Area (DSA) observation for the DC computation is given. It is also provided the mean DC plot per product for dark limb products with no error flag set.

4.1 These products did not use the DSA observation for DC computation:

Product name	DC information
GOM_TRA_1PNPDE20110721_204640_000000453104_00388_49109_5933.N1	DC map with no T dep.
GOM_TRA_1PNPDE20110721_204952_000000503104_00388_49109_5934.N1	DC map used
GOM_TRA_1PNPDE20110721_210711_000000423104_00388_49109_5935.N1	DC map used
GOM_TRA_1PNPDE20110721_211804_000000403104_00388_49109_5936.N1	DC map used
GOM_TRA_1PNPDE20110721_211952_000000673104_00388_49109_5937.N1	DC map used
GOM_TRA_1PNPDE20110721_212503_000000443104_00388_49109_5938.N1	DC map used
GOM_TRA_1PNPDE20110721_213348_000000483104_00388_49109_5939.N1	DC map used
GOM_TRA_1PNPDE20110721_213924_000000643104_00388_49109_5940.N1	DC map used
GOM_TRA_1PNPDE20110721_214052_000000443104_00388_49109_5941.N1	DC map used
GOM_TRA_1PNPDE20110721_214354_000000603104_00388_49109_5942.N1	DC map used
GOM_TRA_1PNPDE20110721_214706_000000483104_00388_49109_5943.N1	DC map used
GOM_TRA_1PNPDE20110721_214952_000000493104_00388_49109_5944.N1	DC map used
GOM_TRA_1PNPDE20110721_215128_000000443104_00388_49109_5945.N1	DC map used

4.2 Plot of mean dark charges per product: only products in DARK limb conditions without errors are used



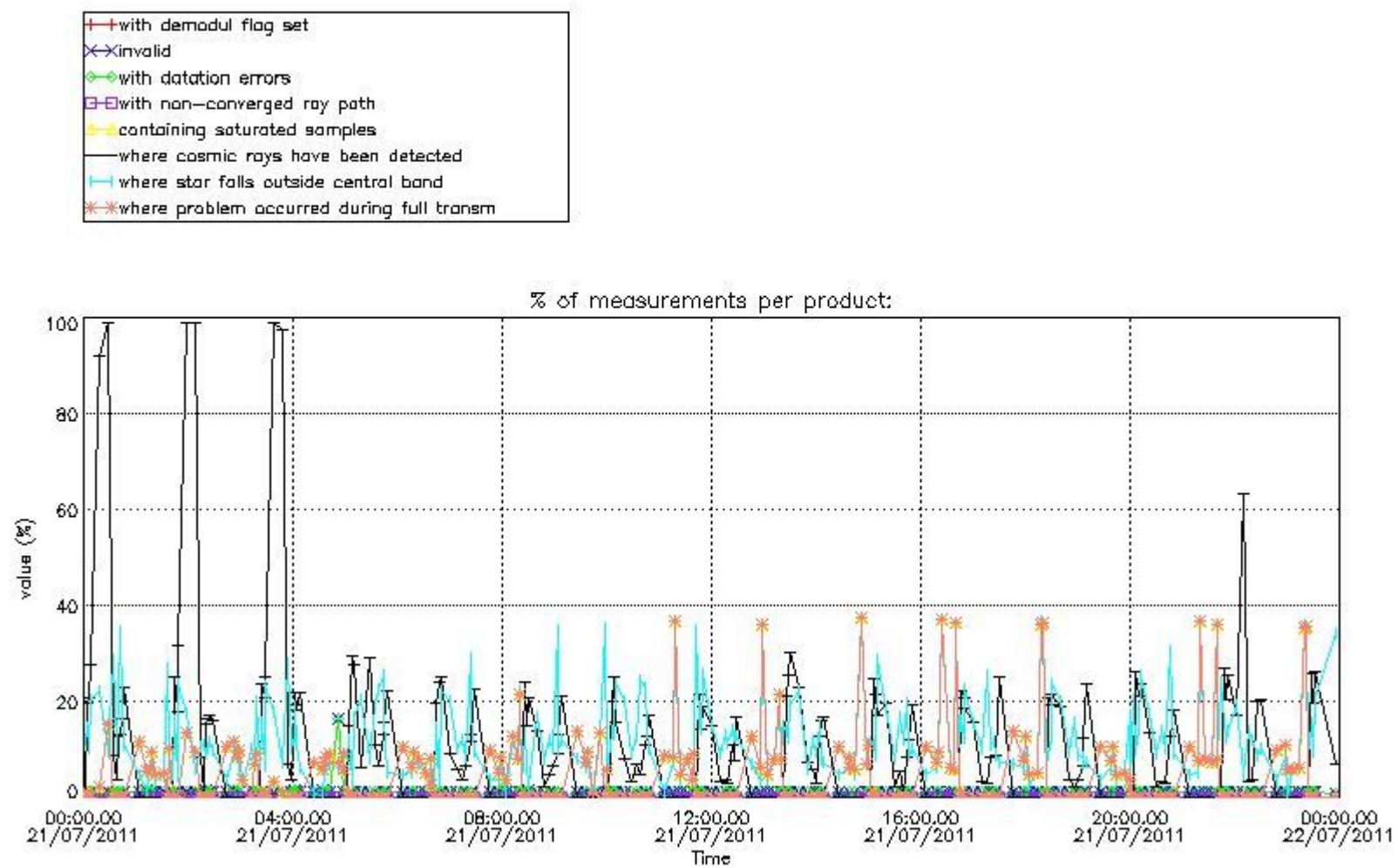
5. Demodulation flag and quality information monitoring

In this section it is presented the modulation information extracted from the pcd (product confidence data) at measurement level and information extracted from the Quality Summary dataset. Only products without errors (error flag in the MPH set to "0") are used.

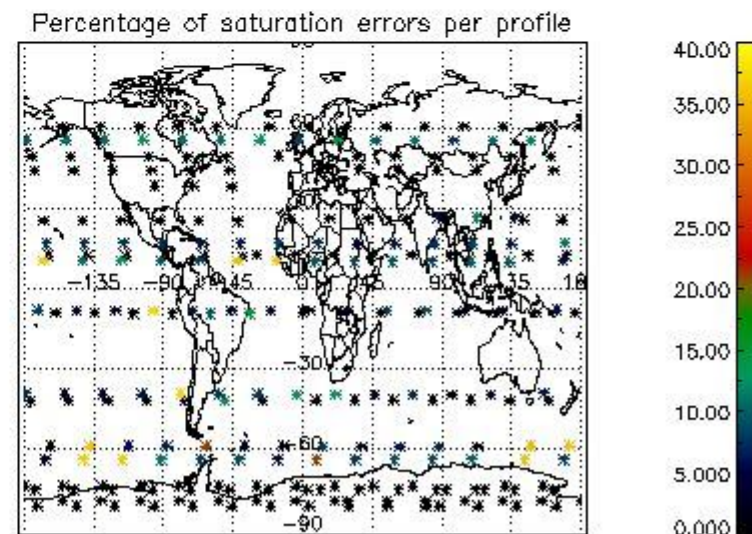
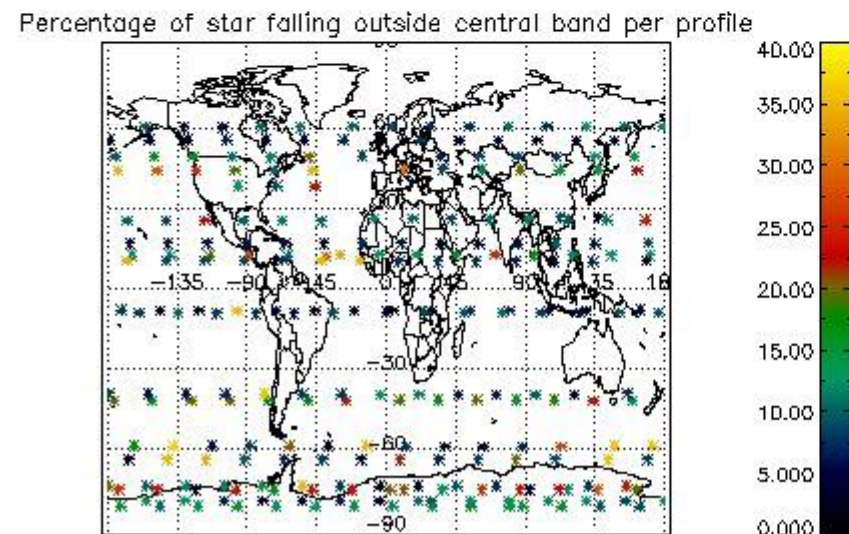
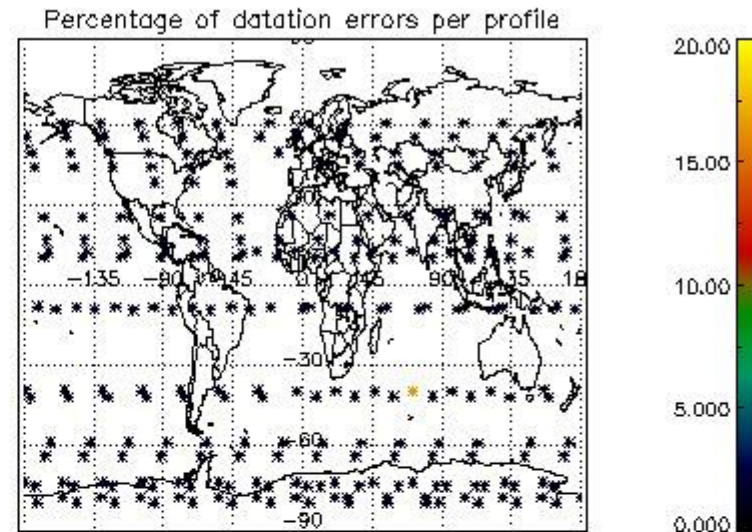
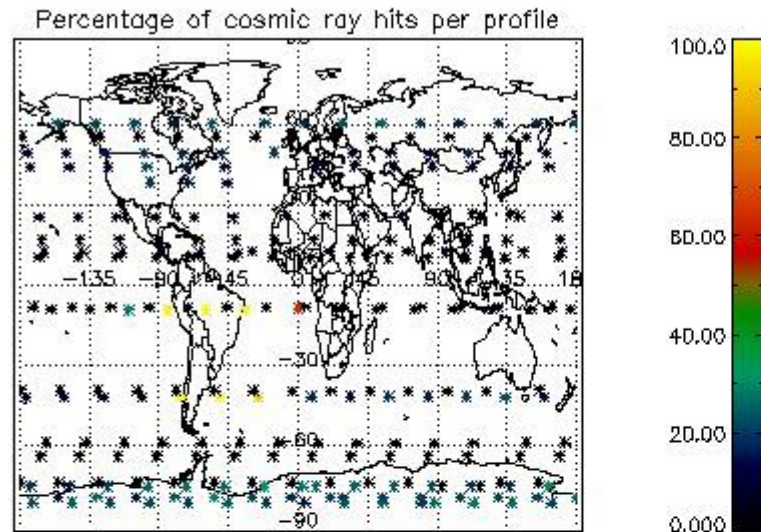
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	52.1073 %
Reference spectrum computed from DB:	0.00000 %
Reference spectrum with small number of measurements:	0.00000 %
SATU data not used:	44.4444 %

5.2 Plot quality information per product (time dependant)



5.3 Plot quality information per product (world map)



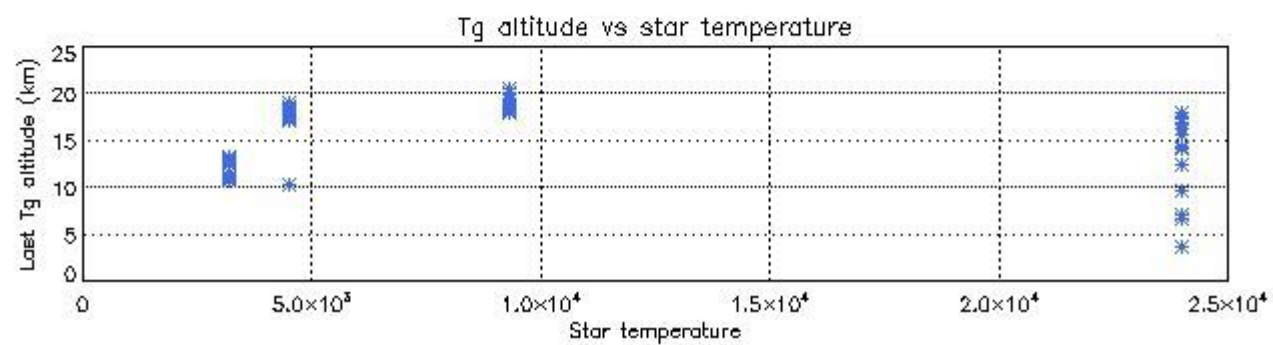
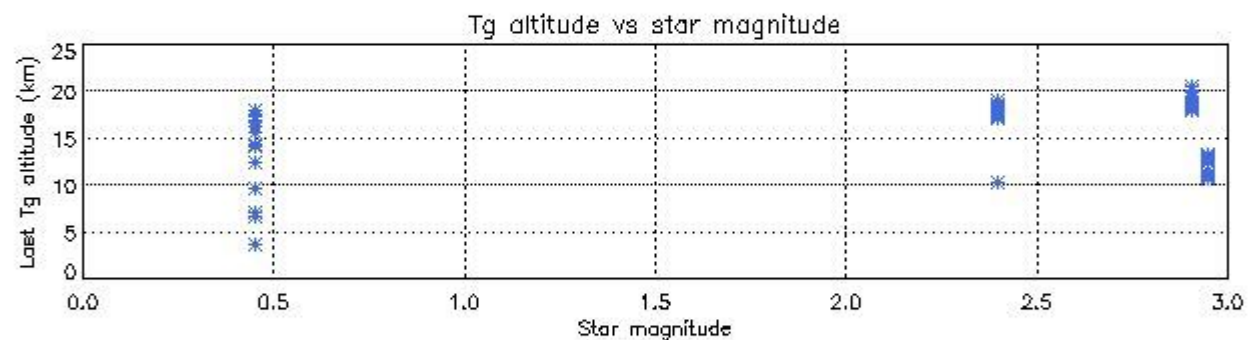
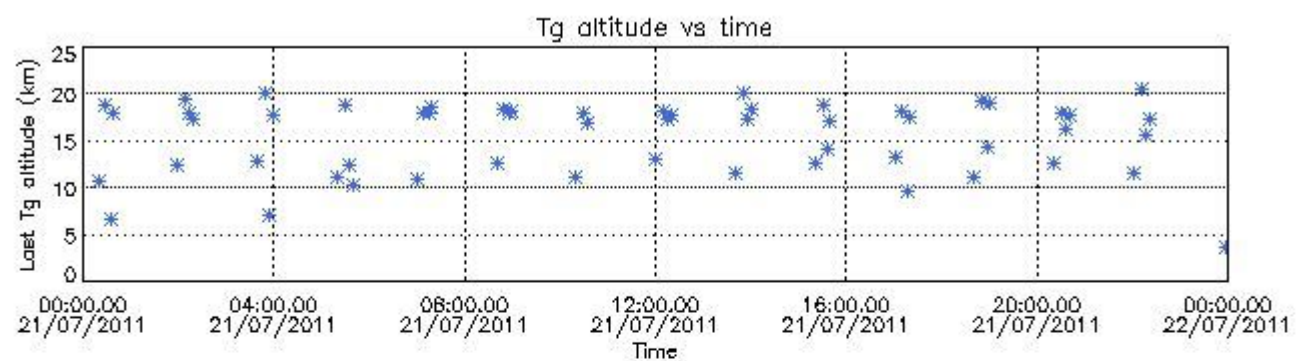
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	15.388	18.575	14.357
St. deviation:	3.8586	5.9964	4.2524
Maximum:	20.480	26.438	21.988
Minimum:	3.6000	3.3199	7.5312
Number of data:	56.000	116.00	30.000

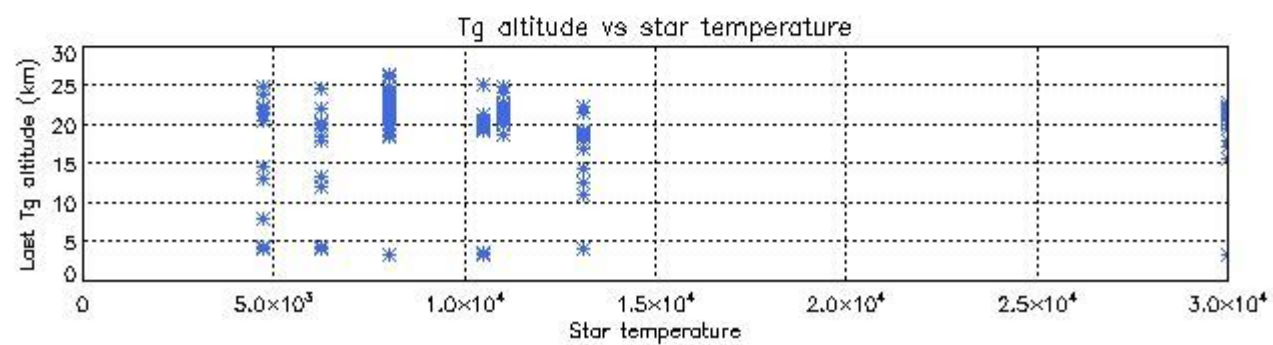
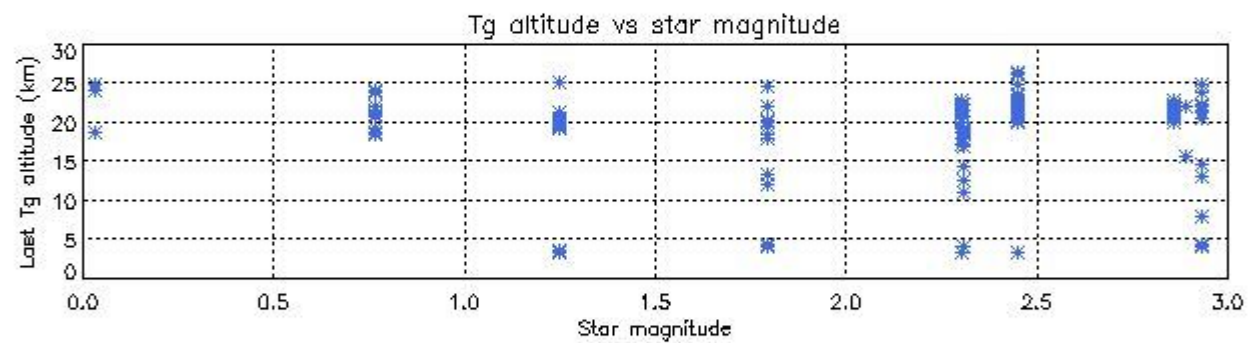
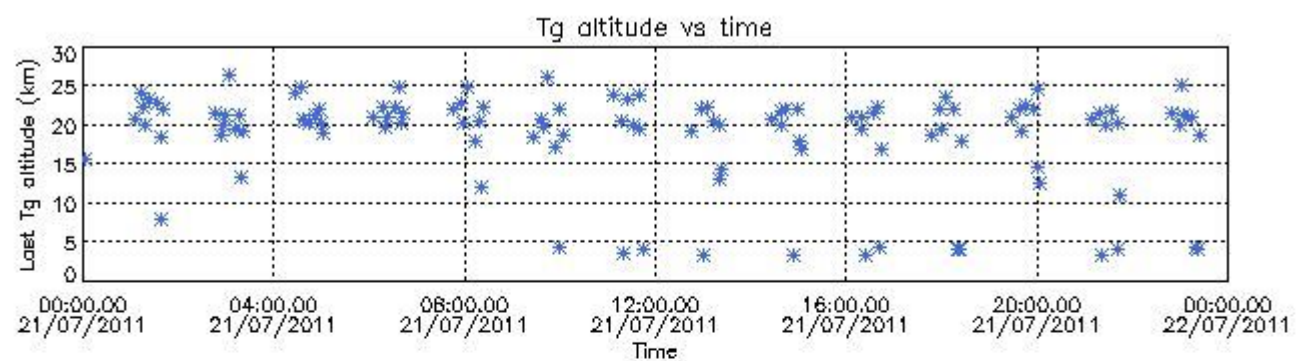
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



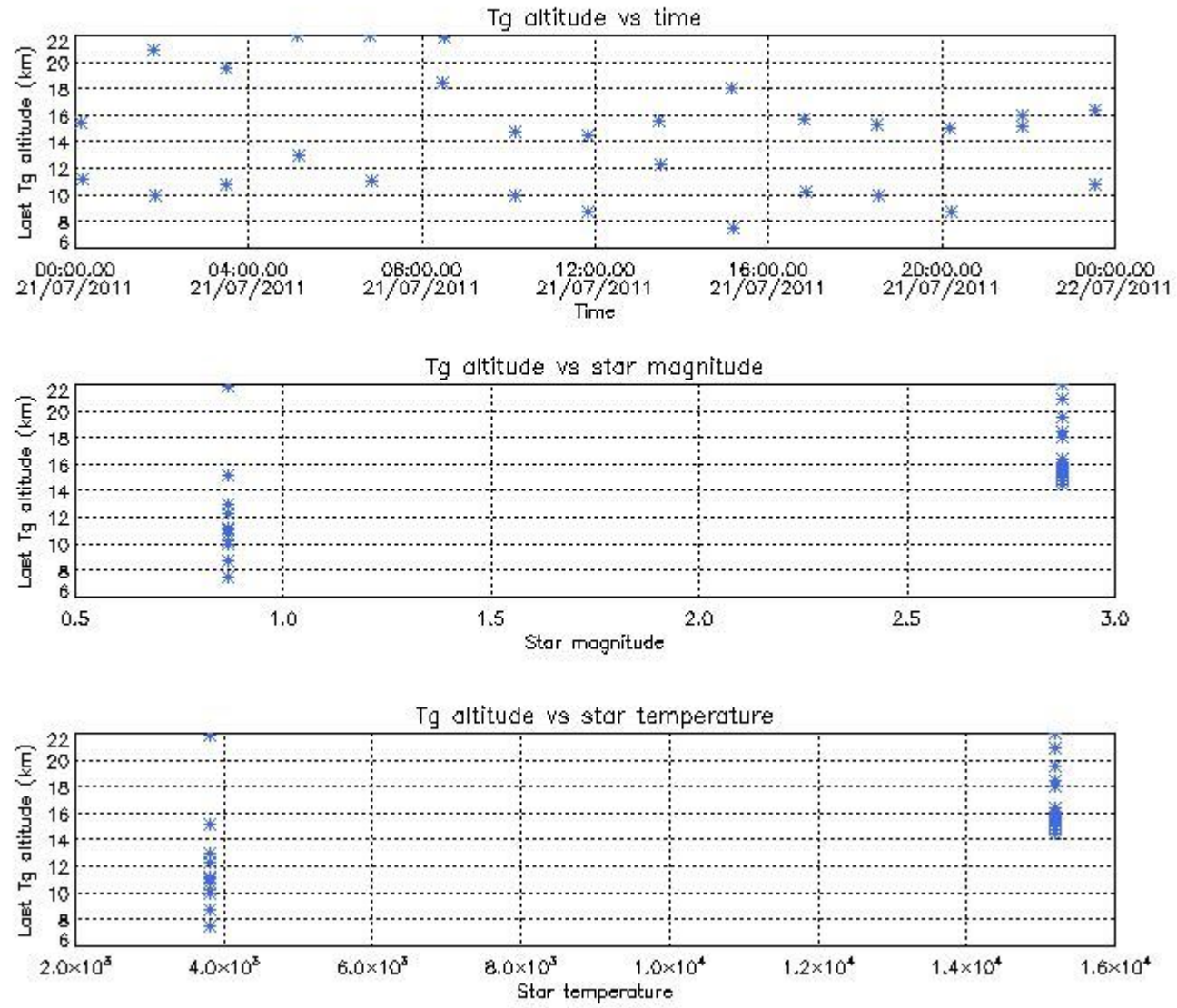
6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost



6.3 Plot for TWILIGHT limb products

Tangent altitude at which the star is lost

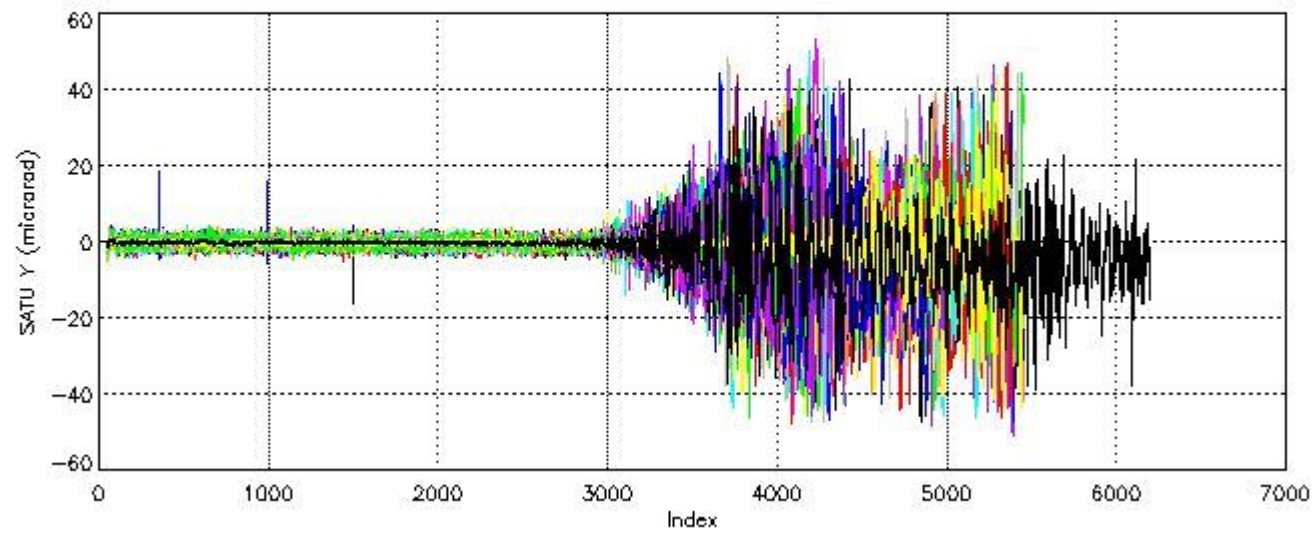
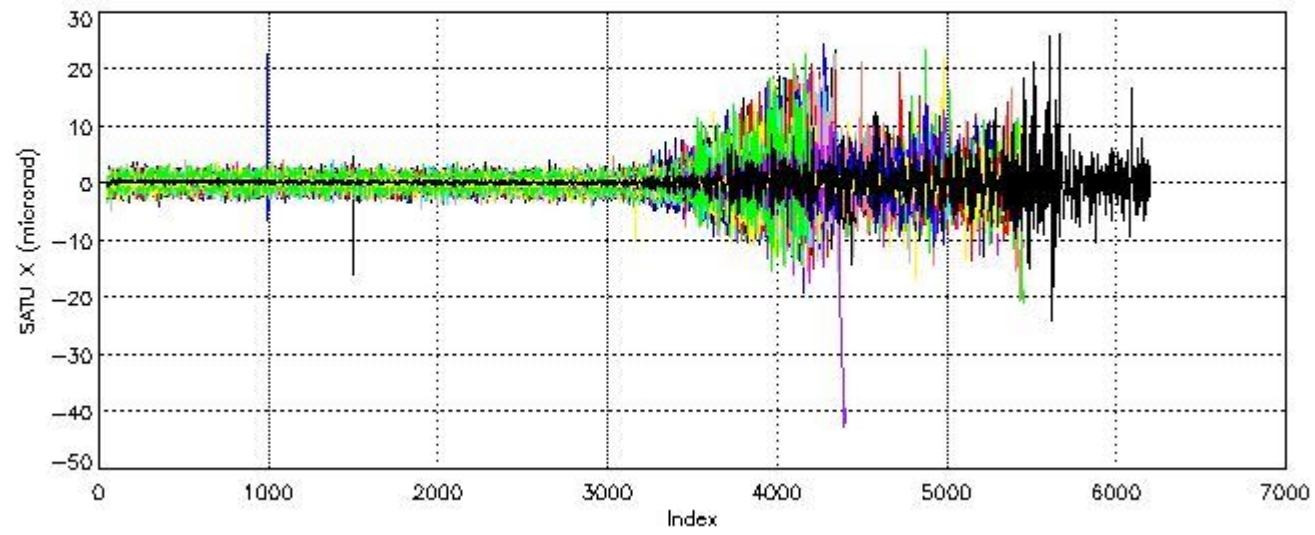


7. Star Acquisition and Tracking Unit (SATU)

The Star Acquisition and Tracking Unit (SATU) analyses the position of the tracked star beam collected by the GOMOS telescope and deflected by the optical beam dispatcher. The main function of the SATU is to detect a star, provide its image position to the science data electronics and to help the pointing function to keep the star image at a fixed position. In tracking mode the SATU data is recorded with a frequency of 100 Hz.

7.1 SATU 'X' and 'Y' axis plots (dark limb)

SATU CCD 'X' and 'Y' axis plots are provided in order to detect any abnormal behaviour of the tracking system. For every occultation (color) the plot should remain stable (with some noise) until we are deep in the atmosphere where big fluctuations are registered due to the refractive effects.



7.2 Statistics on SATU Noise Equivalent Angle (NEA) for DARK (D) and BRIGHT (B) products above 105 kms

The Star Acquisition and Tracking Unit (it is the CCD that tracks the star while it is occulted) Noise Equivalent Angle consists of the statistical angular variation of the SATU data above the atmosphere.

Statistics (in microradians) above 105 km are computed for every occultation, giving four values per occultation: one in the 'X' direction and one in the 'Y' direction for dark and bright limbs. A mean value per day in every direction and limb is calculated and monitored in order to assess instrument performance in terms of star pointing.

7.2.1 SATU NEA Statistics (table)

Statistics	SATU X (D)	SATU Y (D)	SATU X (B)	SATU Y (B)
Mean:	0.18757	-0.25681	0.20345	-0.21974
St. deviation:	0.48878	0.57436	0.71118	0.78564
Maximum:	22.500	18.500	6.0000	5.7000
Minimum:	-6.4000	-5.9000	-5.9000	-7.1000

Number of data:	58550.	58550.	1.2270E+05	1.2270E+05
90Percentile:	0.80000	0.40000	1.1000	0.70000

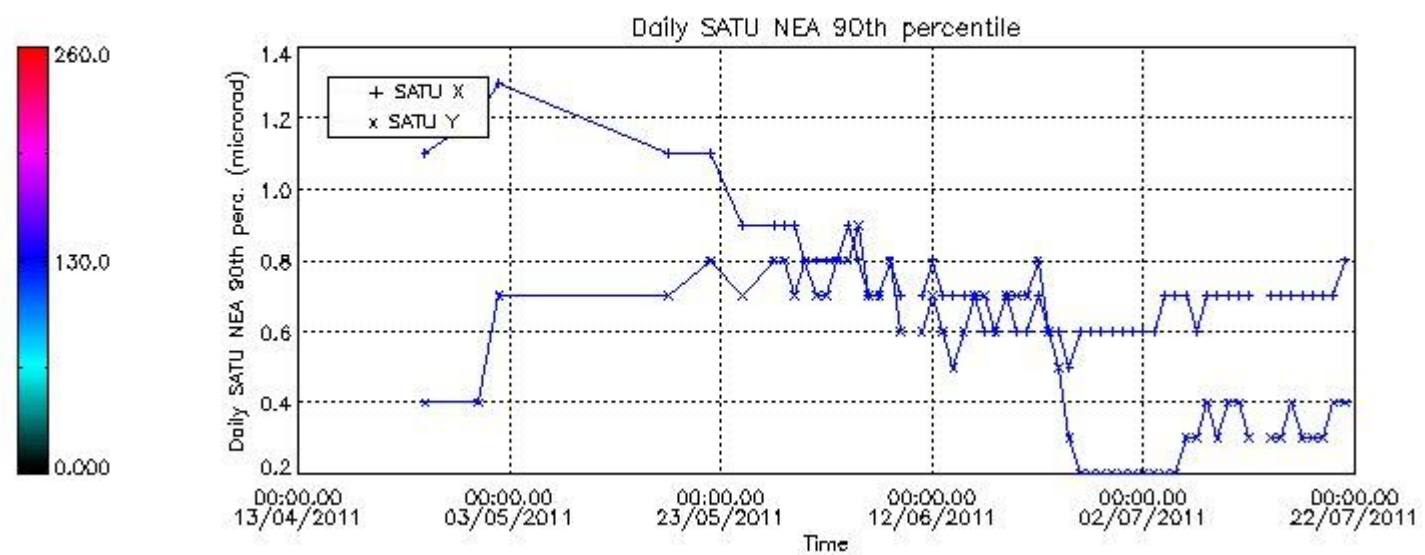
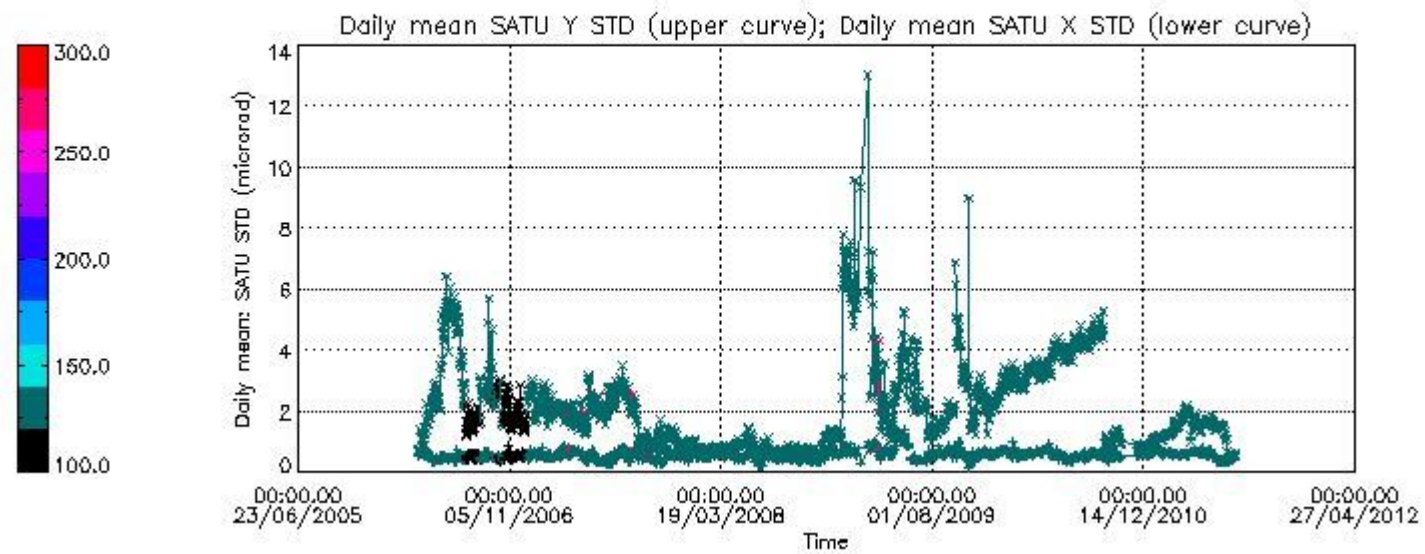
7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb) and of daily SATU NEA 90th percentile since May 2011

The long term trend of the SATU 'X' and 'Y' standard deviations should be constant during the whole mission.

The colorbar represents the start tangent altitude (km) of the occultations.

Upper curve: STD of SATU Y axis

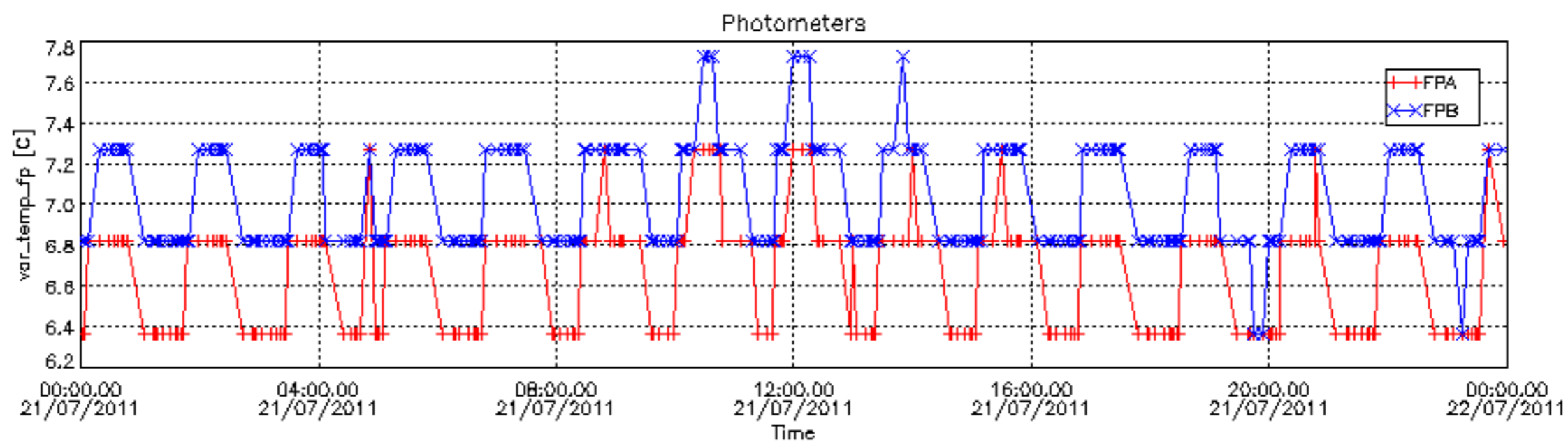
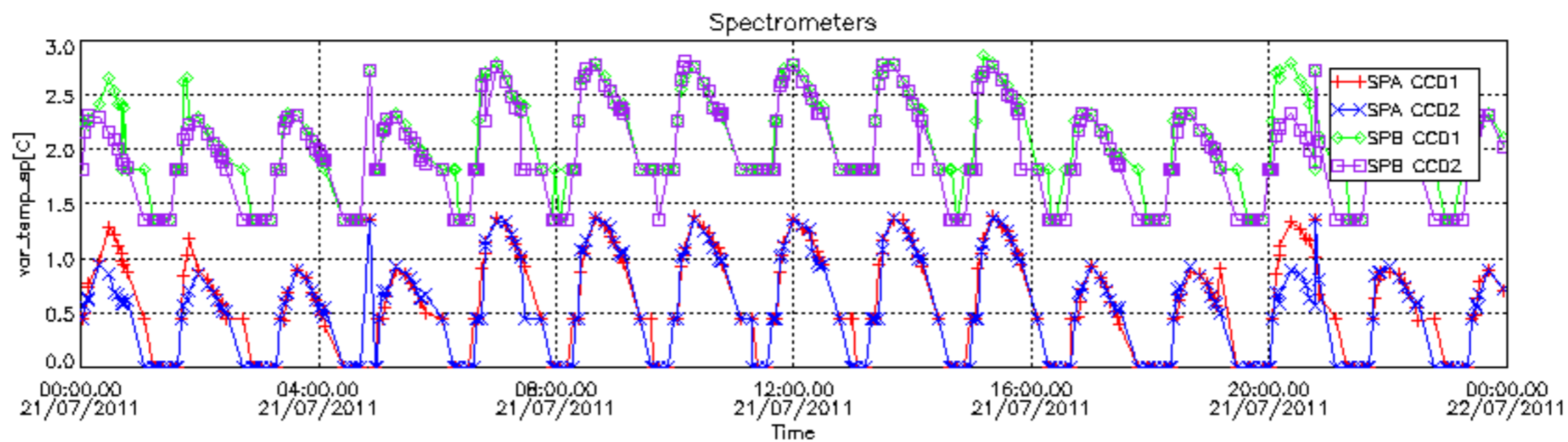
Lower curve: STD of SATU X axis

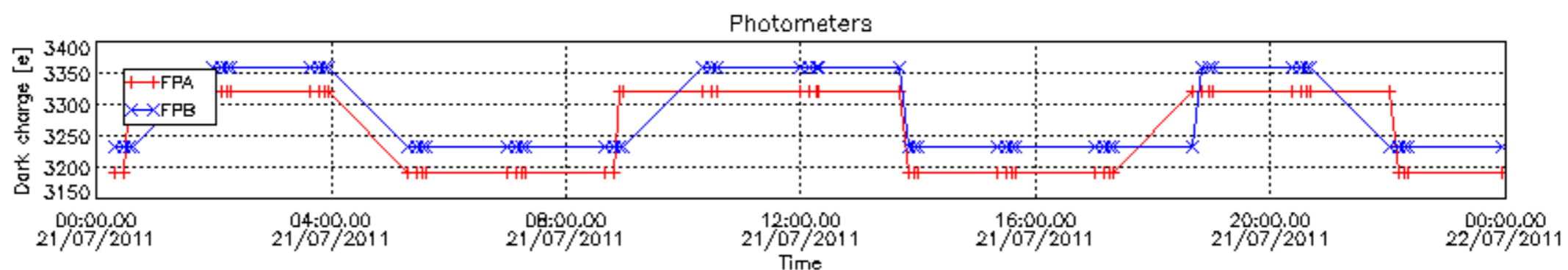
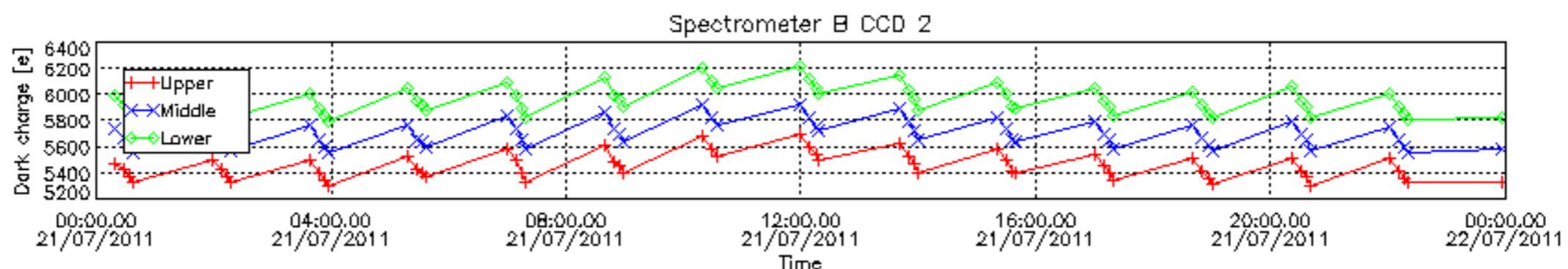
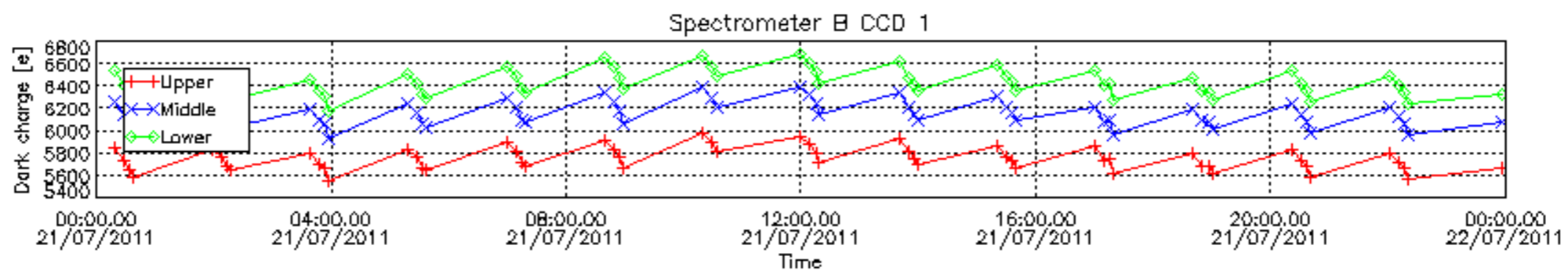
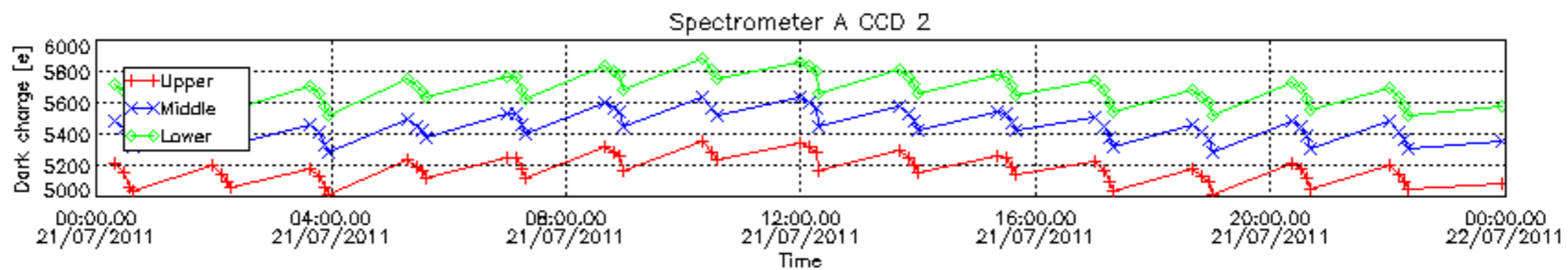
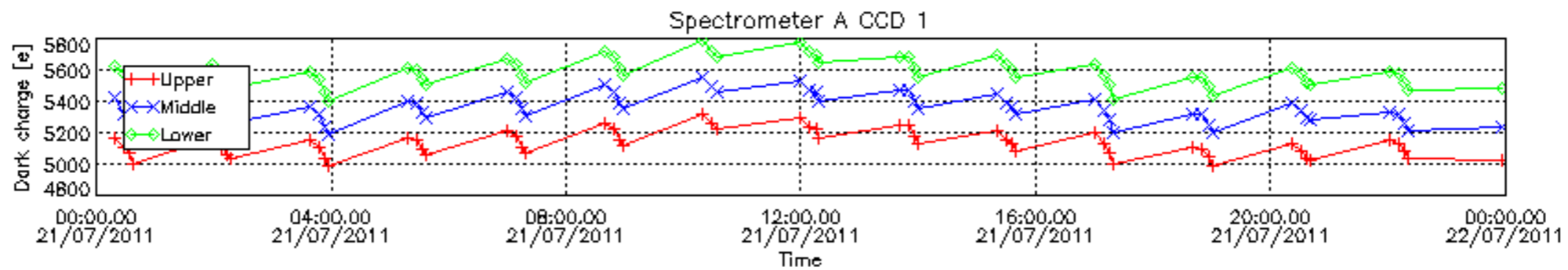


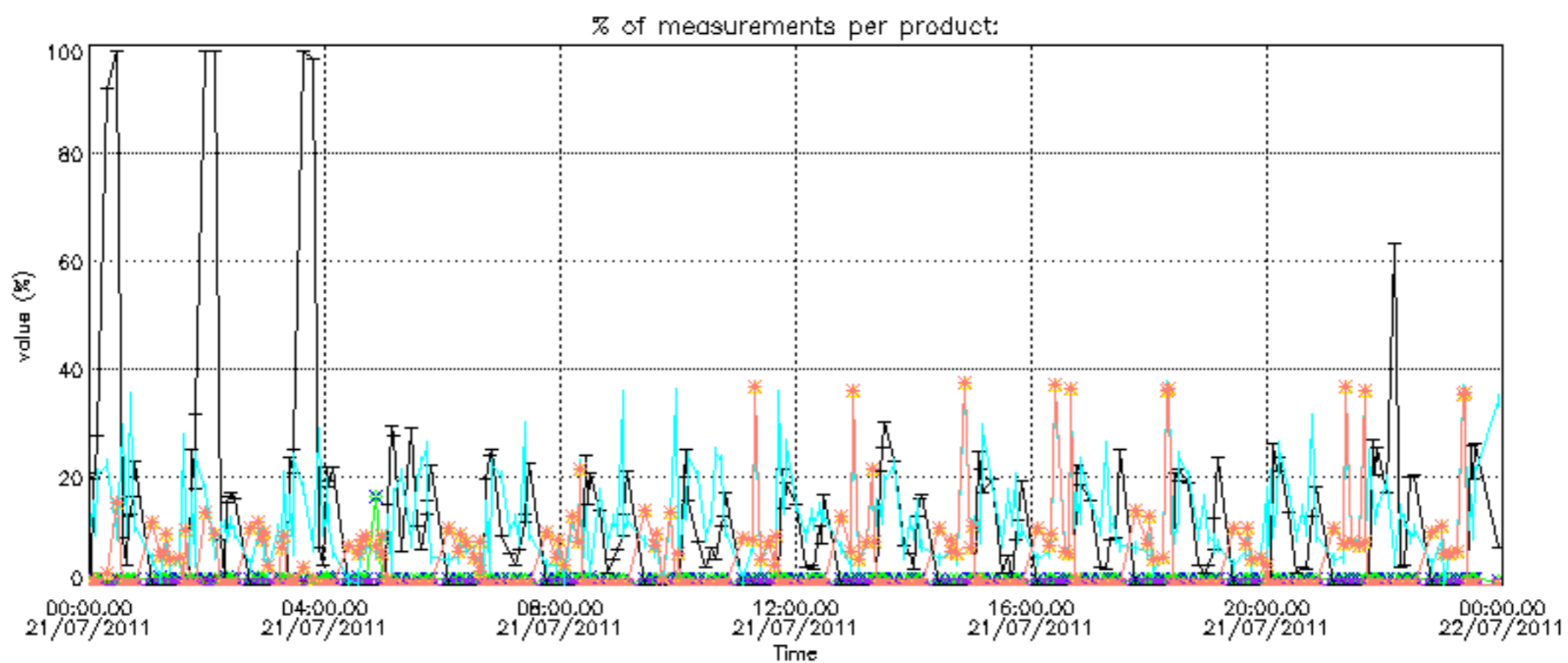
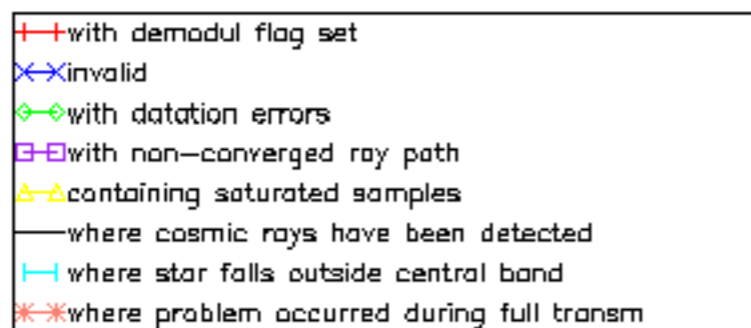
8. Auxiliary Data Files used for the production reported in section 2.4

The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

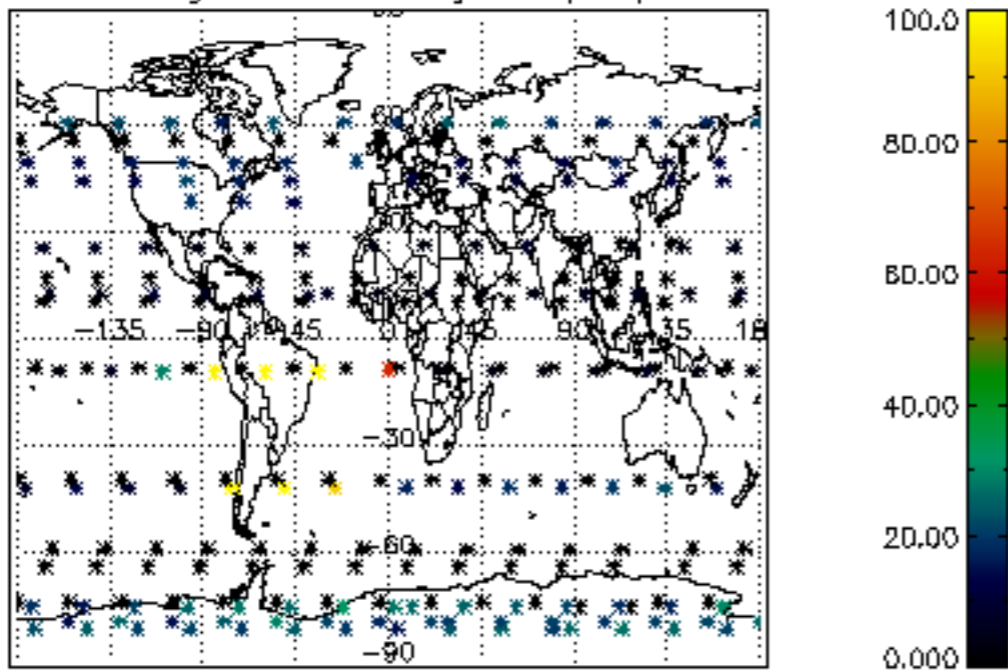
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CALIBRATION_DATABASE	GOM_CAL_AXVIEC20110718_093638_20110717_000000_20500101_000000	1	21-JUL-2011 00:01:19
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20110513_081743_20020301_000000_20500101_000000	1	21-JUL-2011 00:01:19
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXNIEC20110513_081743_20020301_000000_20500101_000000	76	21-JUL-2011 06:31:48
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	21-JUL-2011 00:01:19
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	21-JUL-2011 00:01:19
ECMWF_FILE	AUX_ECF_AXNECM20110720_062115_20110720_210000_20110721_090000	1	21-JUL-2011 00:01:19
ECMWF_FILE	AUX_ECF_AXNECM20110720_182018_20110721_030000_20110721_150000	38	21-JUL-2011 03:11:21
ECMWF_FILE	AUX_ECA_AXNECM20110721_062113_20110720_210000_20110721_090000	58	21-JUL-2011 04:51:34
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ECMWF_FILE	AUX_ECF_AXNECM20110721_062113_20110721_090000_20110721_210000	108	21-JUL-2011 09:25:35
ECMWF_FILE	AUX_ECF_AXNECM20110721_062113_20110721_150000_20110722_030000	180	21-JUL-2011 16:06:29
ECMWF_FILE	AUX_ECA_AXNECM20110721_181211_20110721_090000_20110721_210000	198	21-JUL-2011 17:46:43
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ECMWF_FILE	AUX_ECF_AXNECM20110721_062114_20110721_210000_20110722_090000	245	21-JUL-2011 22:01:22
OPTIONAL_ECMWF_FILE	MISSING	1	21-JUL-2011 00:01:19
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20110720_102114_20110719_182547_20110729_203934	1	21-JUL-2011 00:01:19
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20110721_102053_20110720_192917_20110730_200250	108	21-JUL-2011 09:25:35



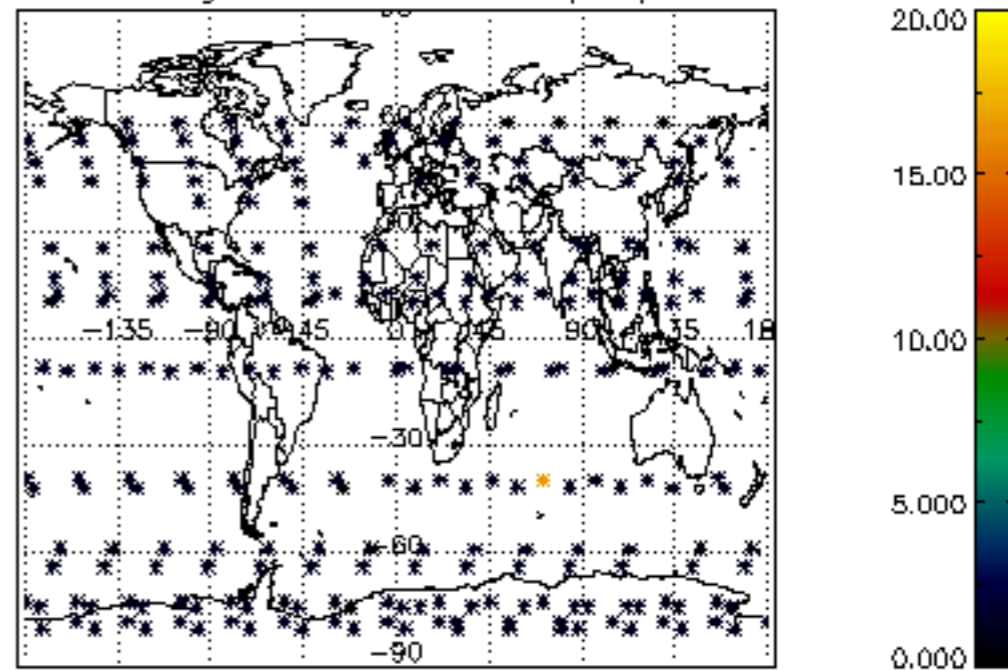




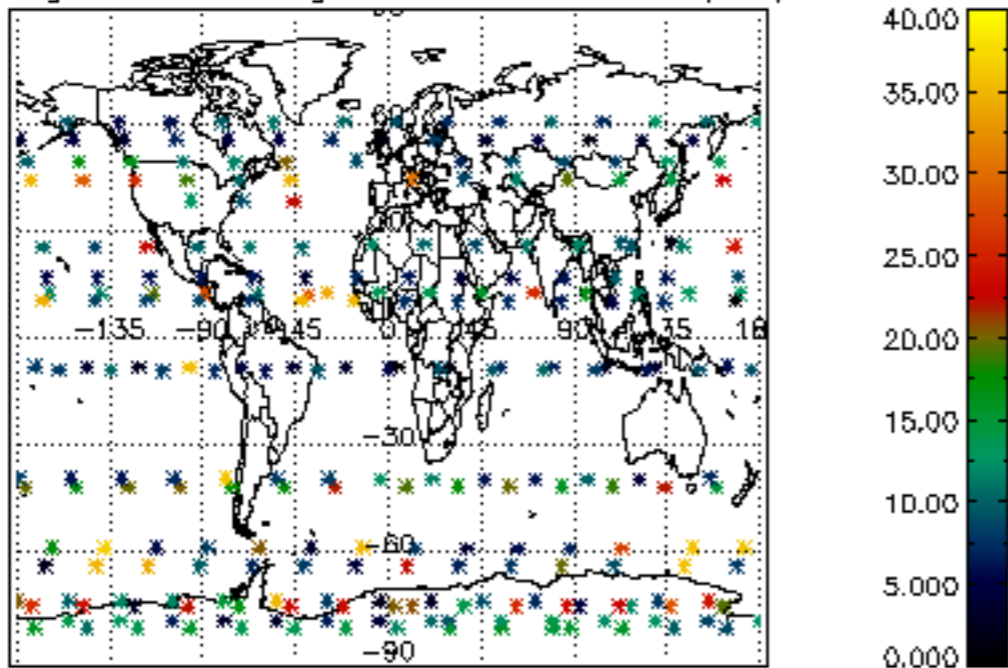
Percentage of cosmic ray hits per profile



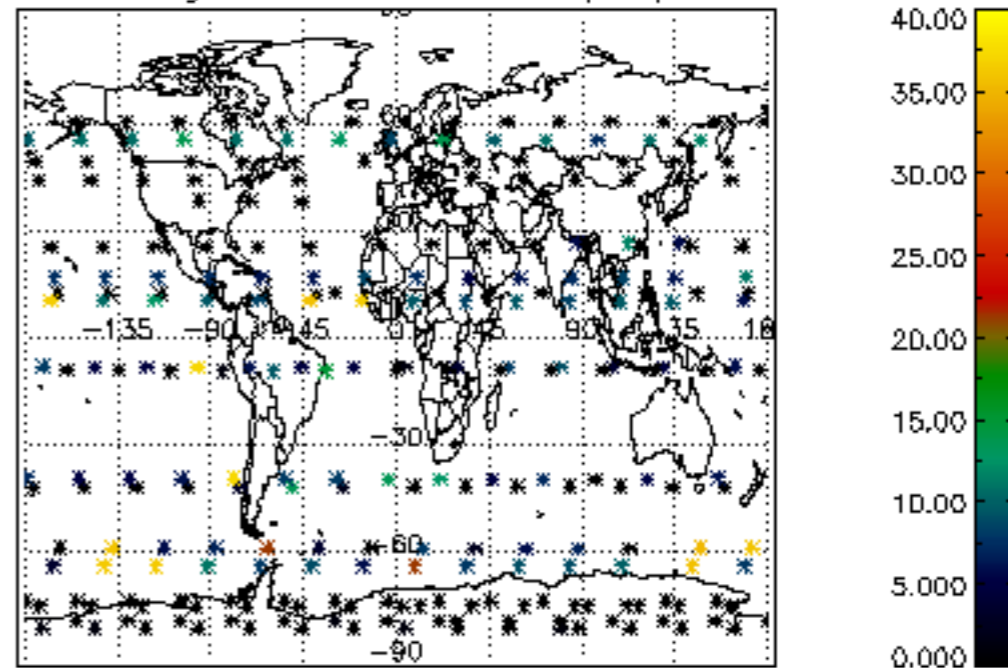
Percentage of datation errors per profile



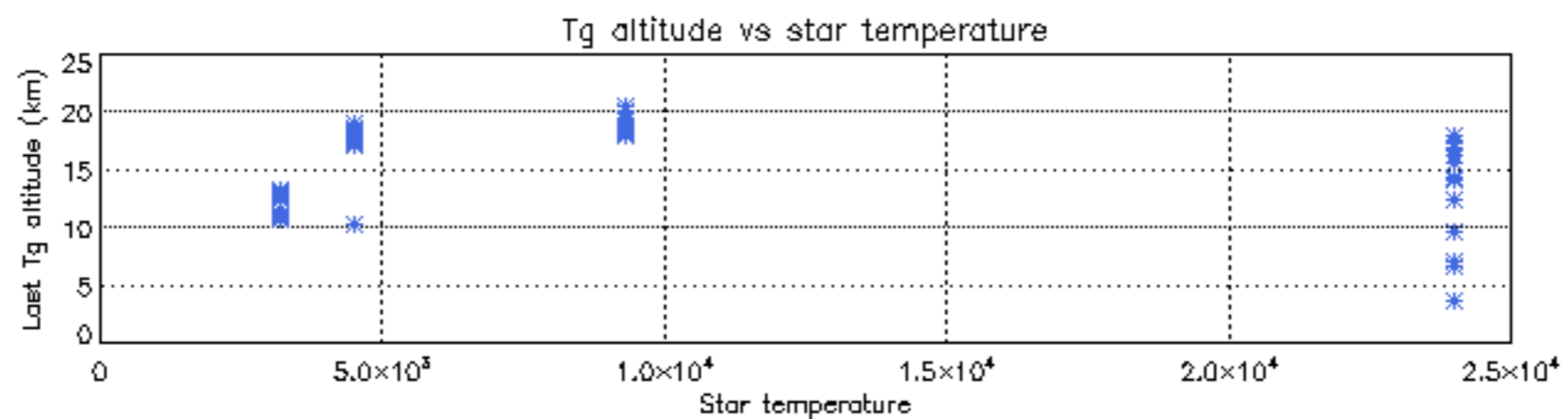
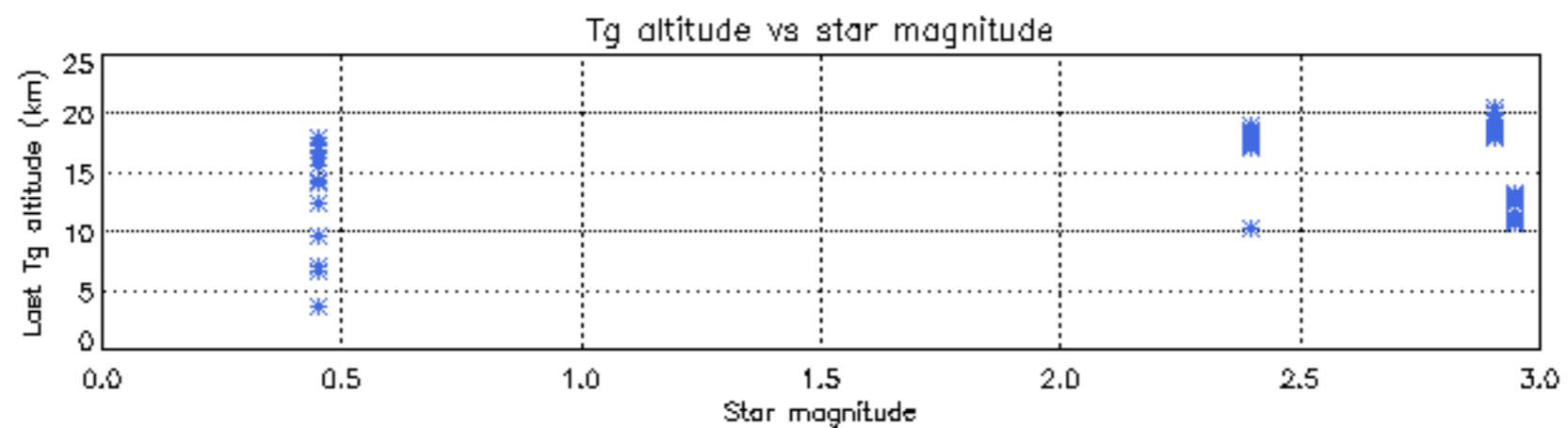
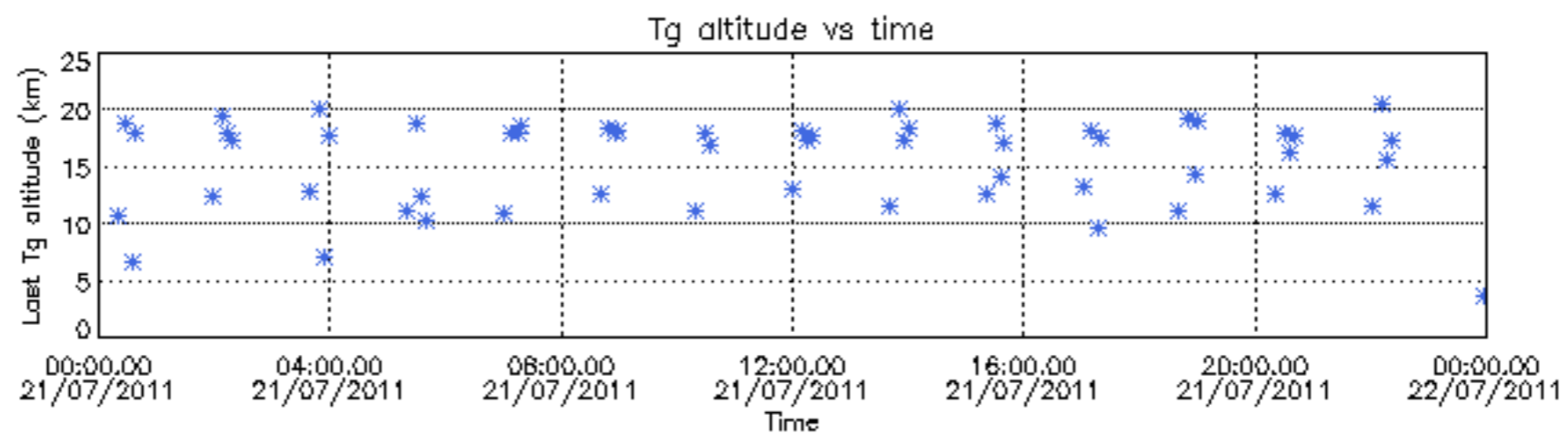
Percentage of star falling outside central band per profile



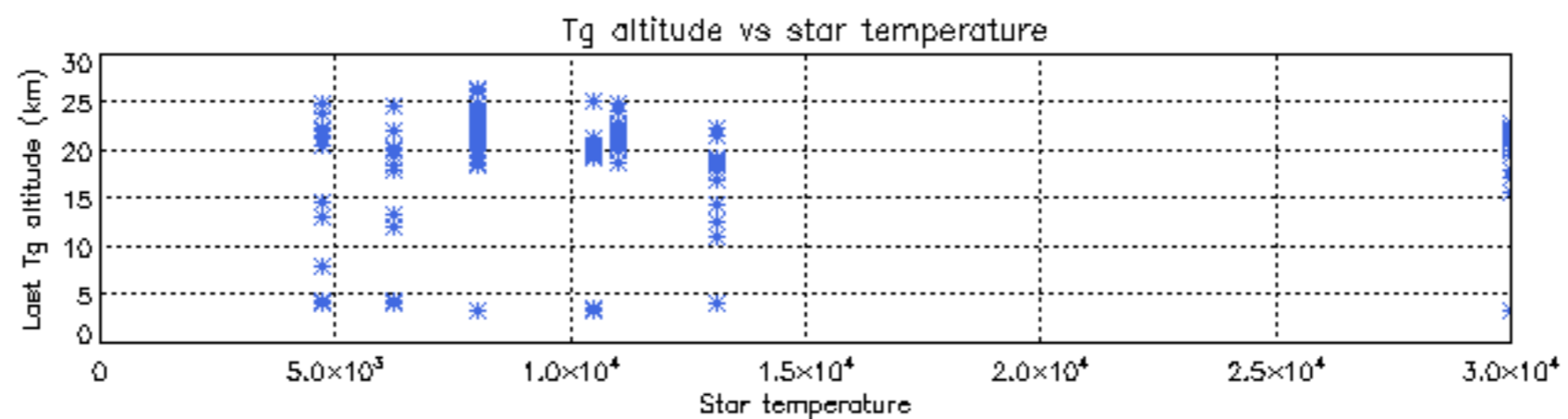
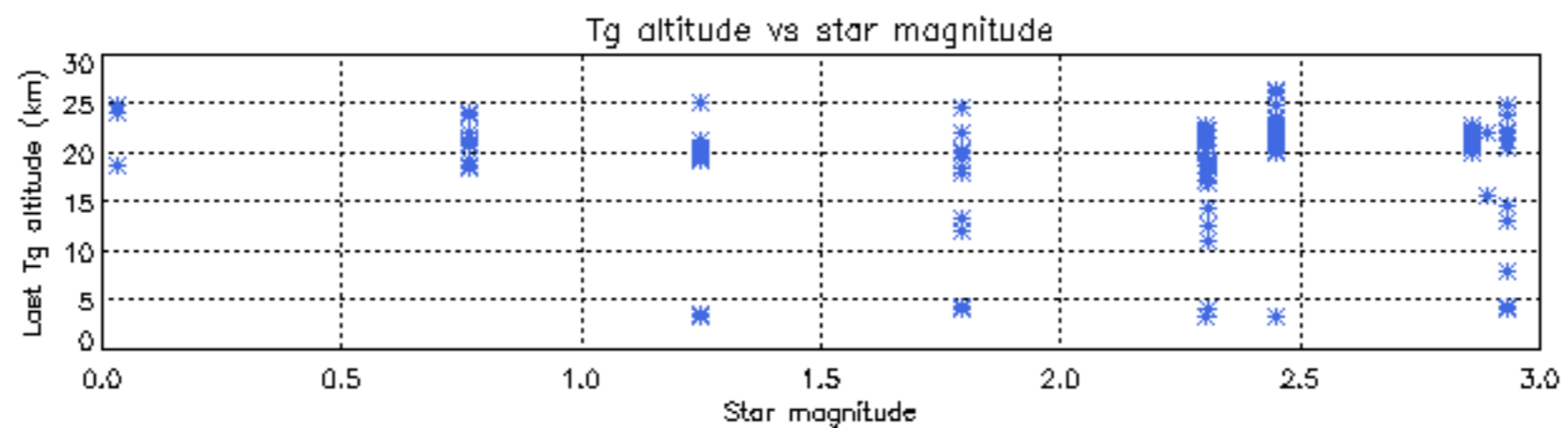
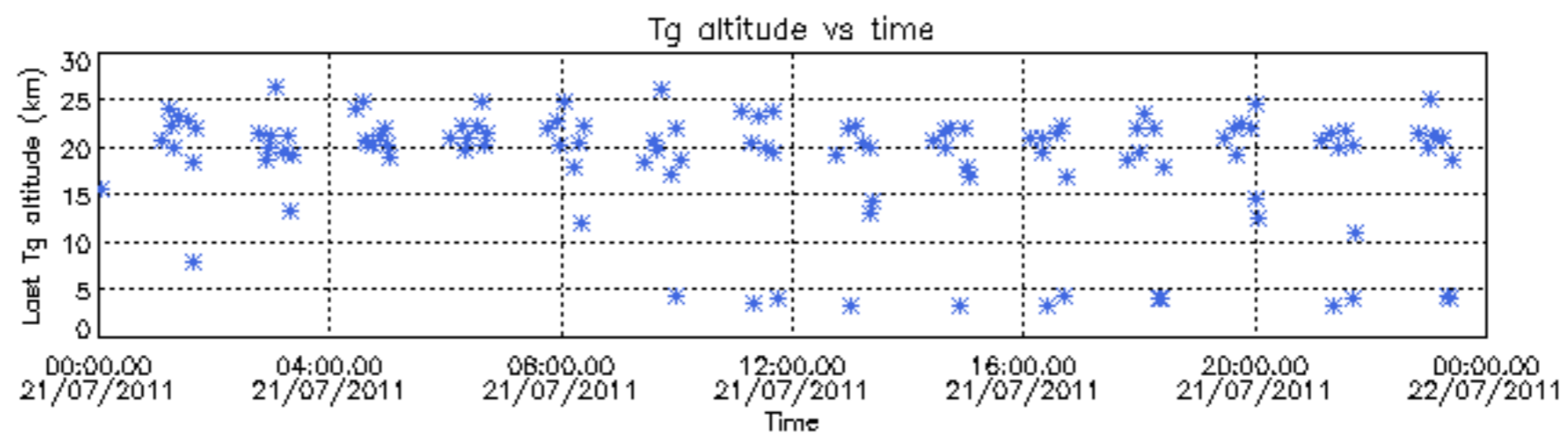
Percentage of saturation errors per profile



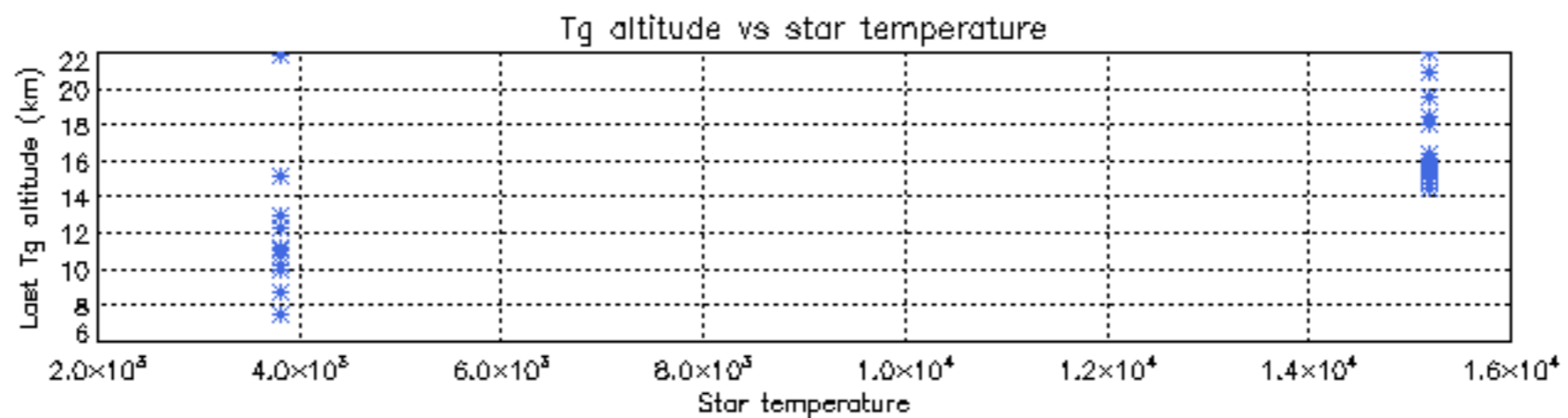
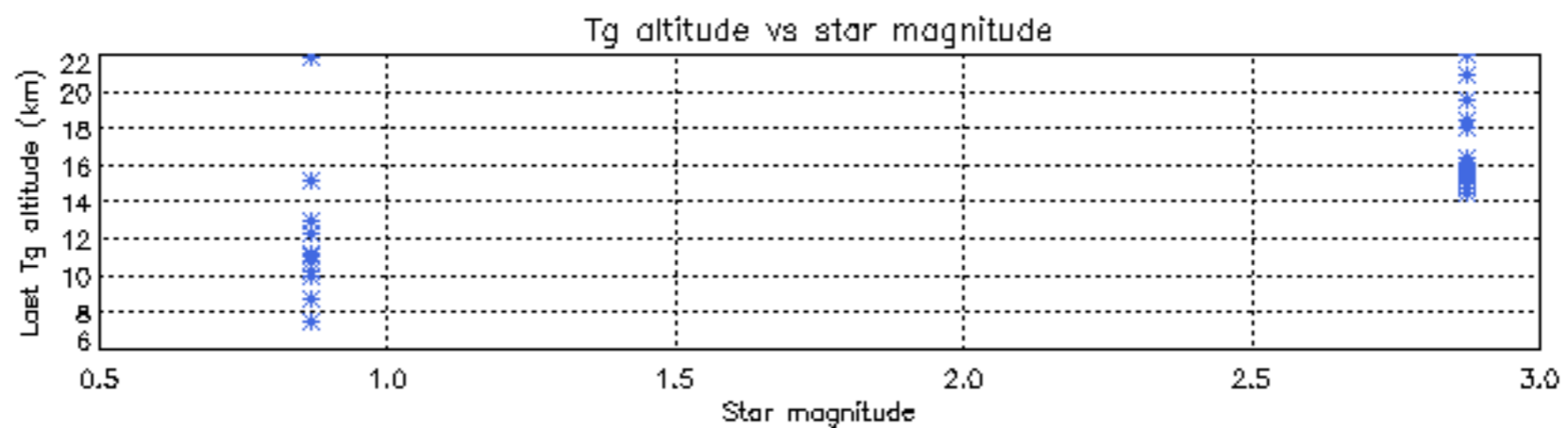
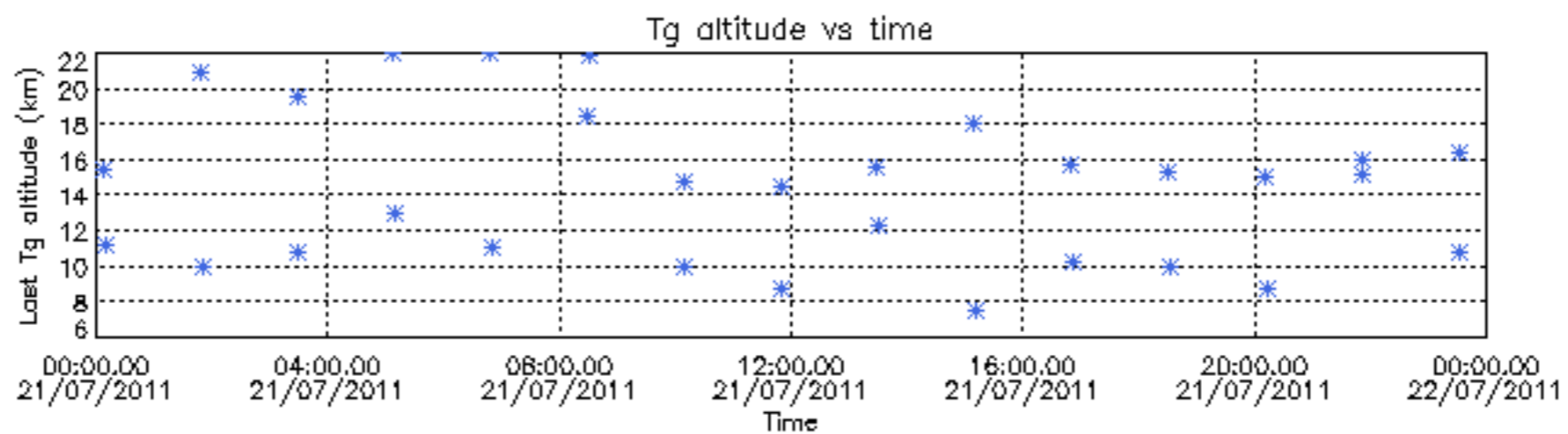
Tangent altitude at which the star is lost

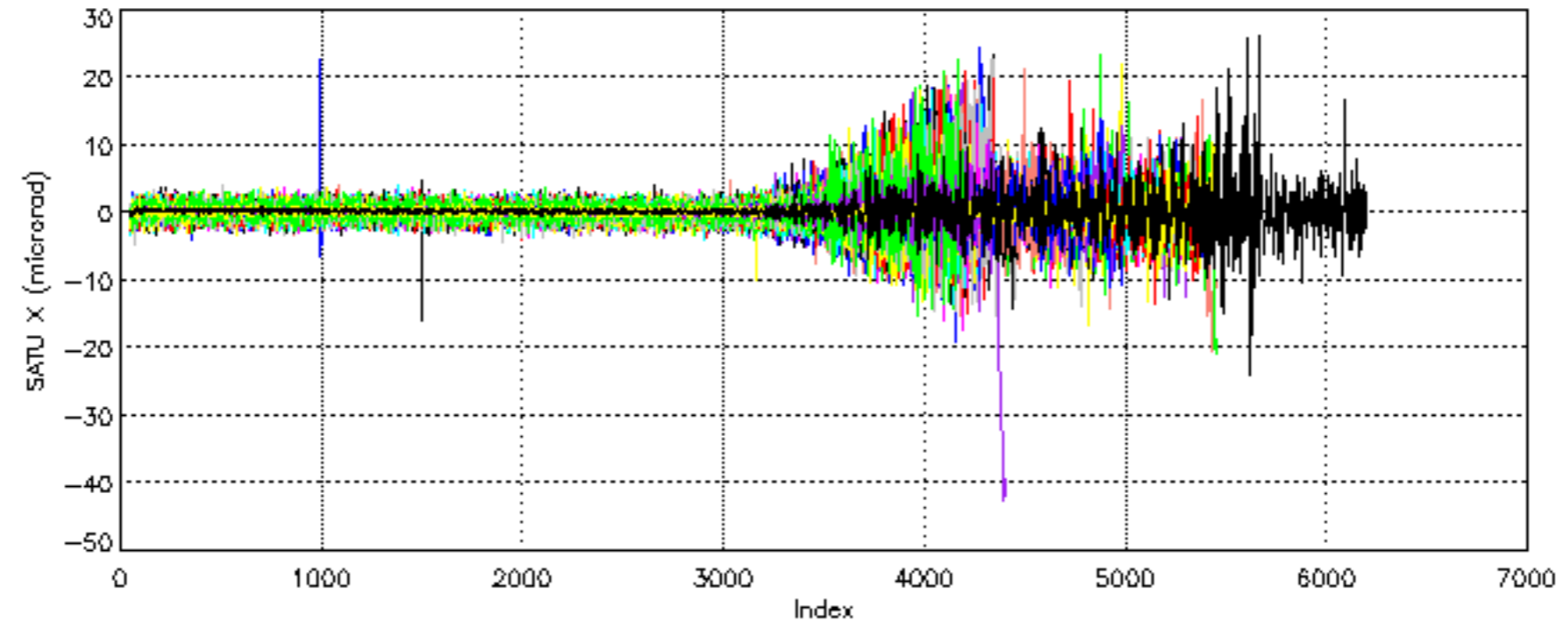


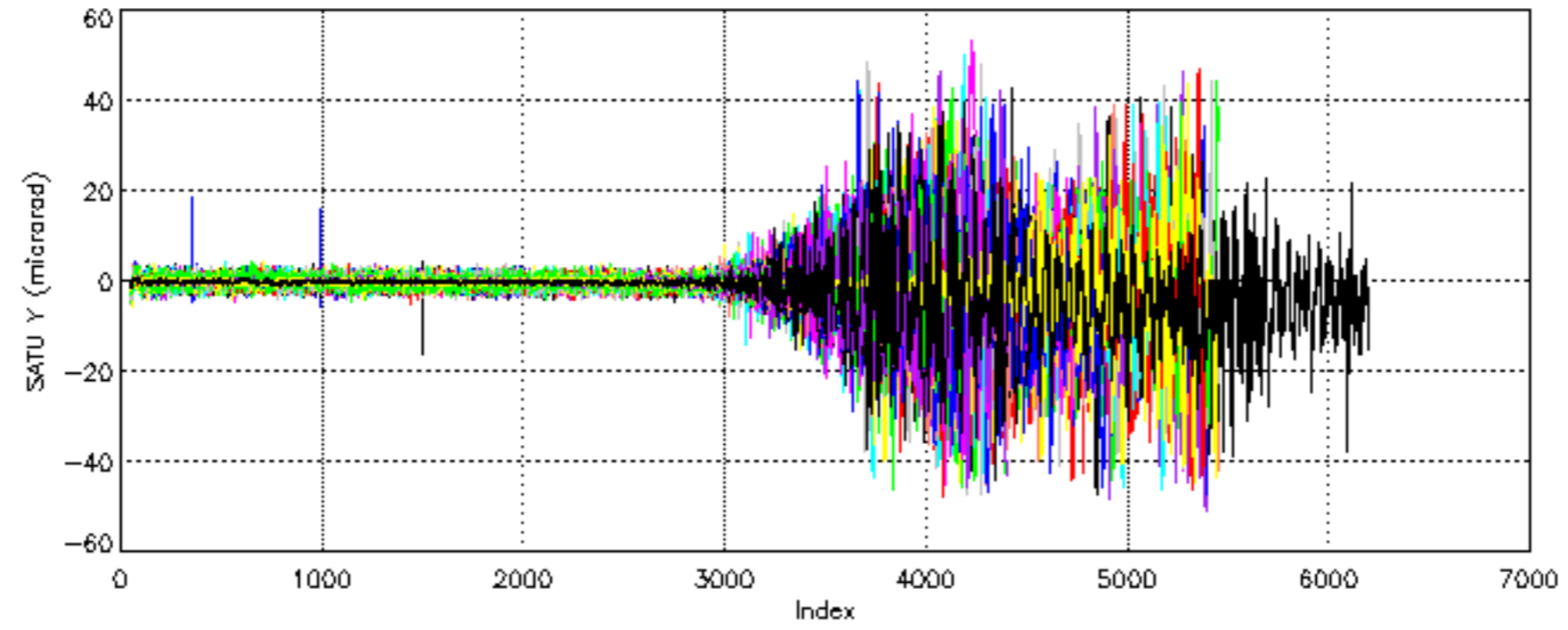
Tangent altitude at which the star is lost

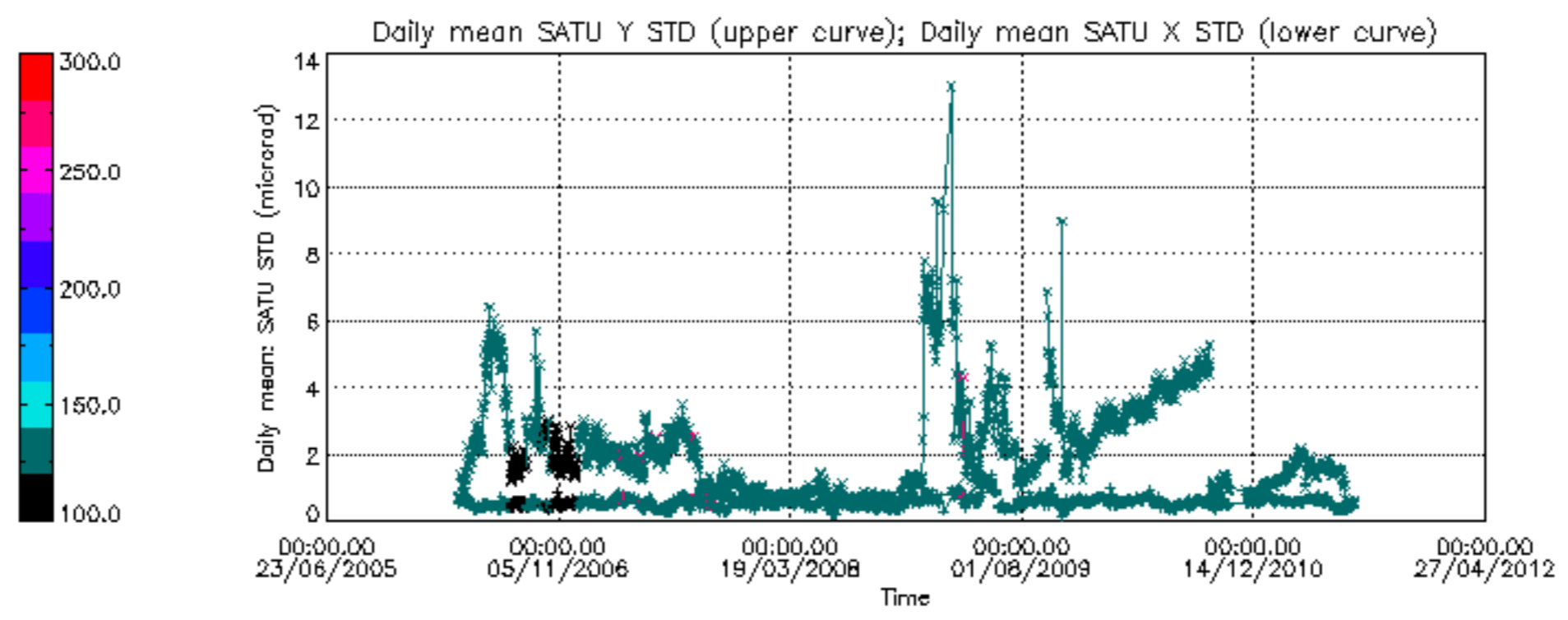


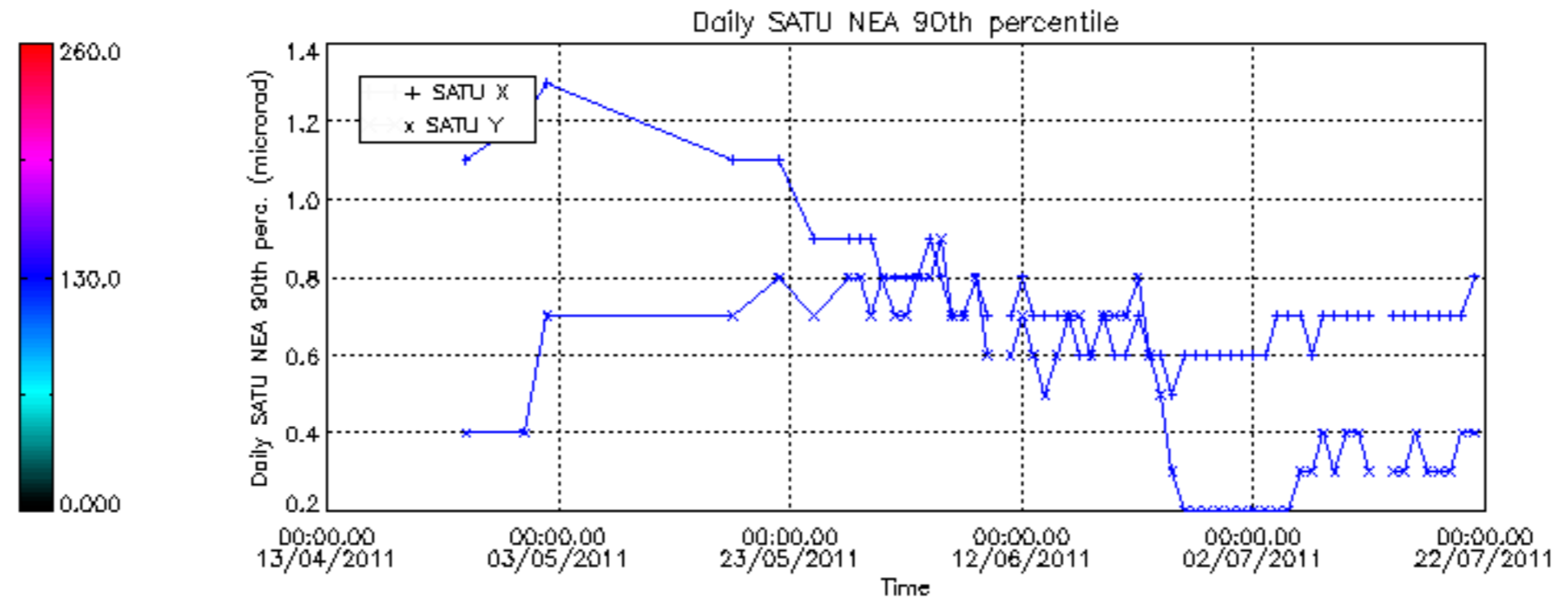
Tangent altitude at which the star is lost











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