

GOMOS Daily Report 06-SEP-2006

Level 0 and Level 1 products

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1. General Info

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	08SEP2006 05:31:55
Data source version	GOMOS/5.00
Start time of products	QDS_YESTERDAY(/START)-1D (06SEP2006 00:00:00)
Stop time of products	QDS_YESTERDAY(/STOP)-1D (07SEP2006 00:00:00)
Store outputs in DB	Yes
Nb of level 1b prods	50
Nb of prods with errors	0

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

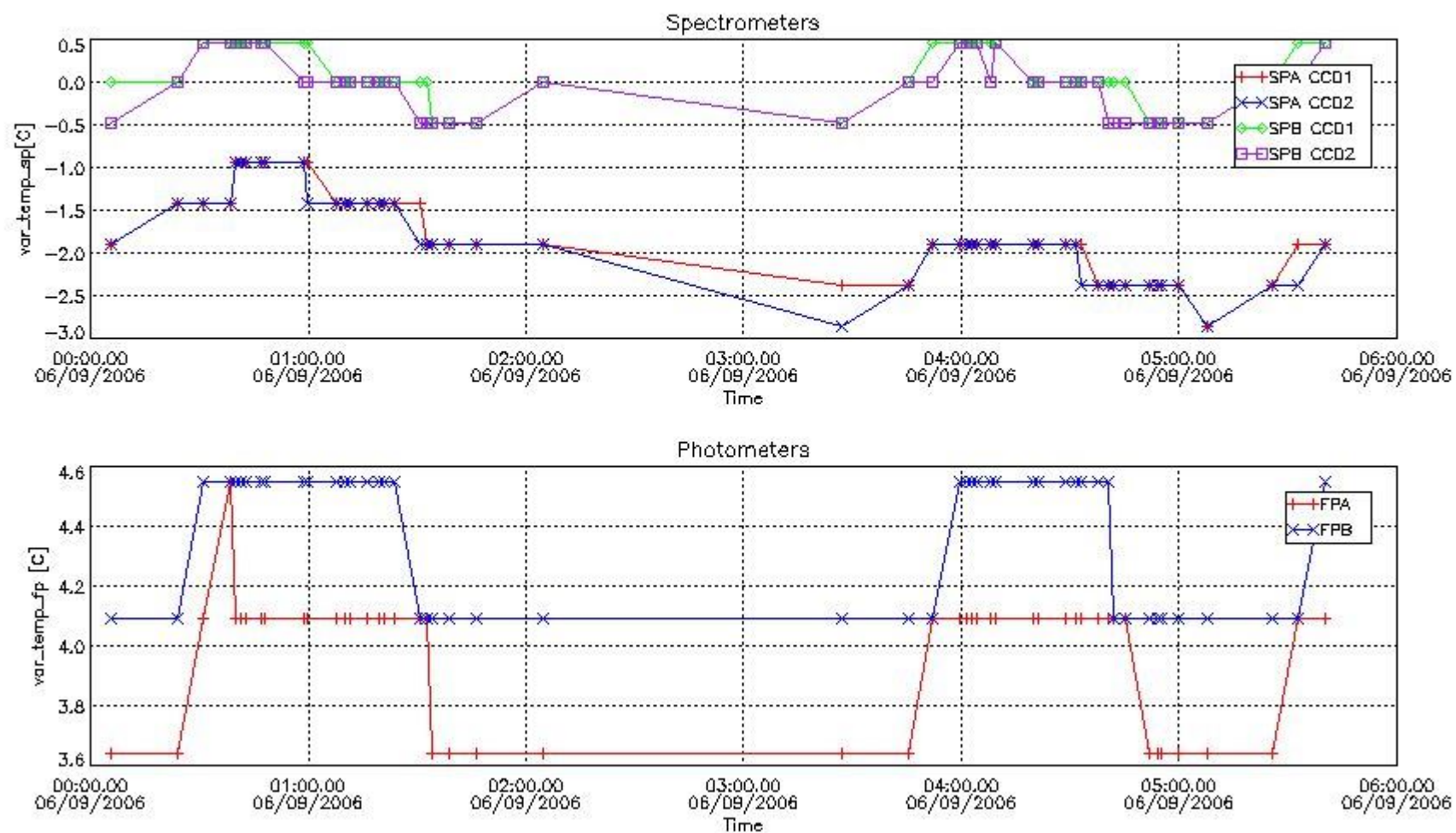
2.1 Level 0 products arrived in PCF (see template [here](#))

2.2 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_1PNPDE20060906_000549_000000362051_00016_23617_1234.N1	06-SEP-2006 00:05:49	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	23617	No
2	GOM_TRA_1PNPDE20060906_002402_000000412051_00016_23617_1235.N1	06-SEP-2006 00:24:02	Bright	40.500	17	78Bet Gem	1.1610	4500.0	81	23617	No
3	GOM_TRA_1PNPDE20060906_003054_000000492051_00016_23617_1236.N1	06-SEP-2006 00:30:54	Twilight	49.000	8	10Alp CMi	0.40000	6500.0	98	23617	No
4	GOM_TRA_1PNPDE20060906_003826_000000392051_00016_23617_1216.N1	06-SEP-2006 00:38:26	Dark	39.000	132	15Rho Pup	2.8030	6900.0	78	23617	No
5	GOM_TRA_1PNPDE20060906_004005_000000432051_00016_23617_1217.N1	06-SEP-2006 00:40:05	Dark	42.500	179	24Omi2CMa	3.0320	24000.	85	23617	No
6	GOM_TRA_1PNPDE20060906_004133_000000462051_00016_23617_1218.N1	06-SEP-2006 00:41:33	Dark	46.000	23	21Eps CMa	1.5020	26000.	92	23617	No
7	GOM_TRA_1PNPDE20060906_004259_000000422051_00016_23617_1219.N1	06-SEP-2006 00:42:59	Dark	42.000	117	Pi Pup	2.7060	3800.0	84	23617	No
8	GOM_TRA_1PNPDE20060906_004700_000000372051_00016_23617_1220.N1	06-SEP-2006 00:47:00	Dark	37.000	161	Tau Pup	2.9310	4500.0	74	23617	No
9	GOM_TRA_1PNPDE20060906_004812_000000432051_00016_23617_1221.N1	06-SEP-2006 00:48:12	Dark	43.000	2	Alp Car	-0.73600	7000.0	86	23617	No
10	GOM_TRA_1PNPDE20060906_005836_000000402051_00017_23618_1222.N1	06-SEP-2006 00:58:36	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	23618	No
11	GOM_TRA_1PNPDE20060906_005956_000000442051_00017_23618_1223.N1	06-SEP-2006 00:59:56	Dark	44.000	9	Alp Eri	0.45300	24000.	88	23618	No
12	GOM_TRA_1PNPDE20060906_010732_000000402051_00017_23618_1224.N1	06-SEP-2006 01:07:32	Straylight	40.000	31	Alp Gru	1.7340	15200.	80	23618	No
13	GOM_TRA_1PNPDE20060906_011020_000000392051_00017_23618_1225.N1	06-SEP-2006 01:10:20	Straylight	39.000	172	Gam Gru	3.0030	13100.	78	23618	No
14	GOM_TRA_1PNPDE20060906_011139_000000482051_00017_23618_1226.N1	06-SEP-2006 01:11:39	Straylight	48.000	18	24Alp PsA	1.1660	9700.0	96	23618	No
15	GOM_TRA_1PNPDE20060906_011620_000000402051_00017_23618_1227.N1	06-SEP-2006 01:16:20	Bright	40.000	142	49Del Cap	2.8500	8900.0	80	23618	No
16	GOM_TRA_1PNPDE20060906_011926_000000382051_00017_23618_1228.N1	06-SEP-2006 01:19:26	Bright	37.500	154	22Bet Aqr	2.8990	5700.0	75	23618	No
17	GOM_TRA_1PNPDE20060906_012047_000000402051_00017_23618_1229.N1	06-SEP-2006 01:20:47	Bright	39.500	162	34Alp Aqr	2.9440	5350.0	79	23618	No
18	GOM_TRA_1PNPDE20060906_012346_000000382051_00017_23618_1230.N1	06-SEP-2006 01:23:46	Bright	37.500	61	8Eps Peg	2.1000	3900.0	75	23618	No
19	GOM_TRA_1PNPDE20060906_013045_000000372051_00017_23618_1231.N1	06-SEP-2006 01:30:45	Bright	36.500	92	53Eps Cyg	2.5000	4500.0	73	23618	No
20	GOM_TRA_1PNPDE20060906_013243_000000362051_00017_23618_1232.N1	06-SEP-2006 01:32:43	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	23618	No
21	GOM_TRA_1PNPDE20060906_013354_000000352051_00017_23618_1233.N1	06-SEP-2006 01:33:54	Bright	34.500	19	50Alp Cyg	1.2460	10500.	69	23618	No
22	GOM_TRA_1PNPDE20060906_013842_000000342051_00017_23618_1234.N1	06-SEP-2006 01:38:42	Bright	33.500	89	5Alp Cep	2.4510	8000.0	67	23618	No
23	GOM_TRA_1PNPDE20060906_014625_000000362051_00017_23618_1235.N1	06-SEP-2006 01:46:25	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	23618	No
24	GOM_TRA_1PNPDE20060906_020438_000000402051_00017_23618_1236.N1	06-SEP-2006 02:04:38	Bright	40.000	17	78Bet Gem	1.1610	4500.0	80	23618	No
25	GOM_TRA_1PNPDE20060906_032701_000000332051_00018_23619_1224.N1	06-SEP-2006 03:27:01	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	23619	No
26	GOM_TRA_1PNPDE20060906_034514_000000412051_00018_23619_1217.N1	06-SEP-2006 03:45:14	Bright	41.000	17	78Bet Gem	1.1610	4500.0	82	23619	No
27	GOM_TRA_1PNPDE20060906_035206_000000422051_00018_23619_1218.N1	06-SEP-2006 03:52:06	Twilight	42.000	8	10Alp CMi	0.40000	6500.0	84	23619	No
28	GOM_TRA_1PNPDE20060906_035939_000000412051_00018_23619_1219.N1	06-SEP-2006 03:59:39	Dark	40.500	132	15Rho Pup	2.8030	6900.0	81	23619	No
29	GOM_TRA_1PNPDE20060906_040118_000000422051_00018_23619_1220.N1	06-SEP-2006 04:01:18	Dark	42.000	179	24Omi2CMa	3.0320	24000.	84	23619	No
30	GOM_TRA_1PNPDE20060906_040246_000000462051_00018_23619_1221.N1	06-SEP-2006 04:02:46	Dark	46.000	23	21Eps CMa	1.5020	26000.	92	23619	No
31	GOM_TRA_1PNPDE20060906_040412_000000442051_00018_23619_1222.N1	06-SEP-2006 04:04:12	Dark	44.000	117	Pi Pup	2.7060	3800.0	88	23619	No
32	GOM_TRA_1PNPDE20060906_040813_000000412051_00018_23619_1223.N1	06-SEP-2006 04:08:13	Dark	41.000	161	Tau Pup	2.9310	4500.0	82	23619	No
33	GOM_TRA_1PNPDE20060906_040925_000000552051_00018_23619_1224.N1	06-SEP-2006 04:09:25	Dark	55.000	2	Alp Car	-0.73600	7000.0	110	23619	No
34	GOM_TRA_1PNPDE20060906_041949_000000402051_00019_23620_1225.N1	06-SEP-2006 04:19:49	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	23620	No
35	GOM_TRA_1PNPDE20060906_042109_000000452051_00019_23620_1226.N1	06-SEP-2006 04:21:09	Dark	45.000	9	Alp Eri	0.45300	24000.	90	23620	No
36	GOM_TRA_1PNPDE20060906_042844_000000422051_00019_23620_1227.N1	06-SEP-2006 04:28:44	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	23620	No
37	GOM_TRA_1PNPDE20060906_043132_000000402051_00019_23620_1228.N1	06-SEP-2006 04:31:32	Straylight	40.000	172	Gam Gru	3.0030	13100.	80	23620	No
38	GOM_TRA_1PNPDE20060906_043251_000000462051_00019_23620_1229.N1	06-SEP-2006 04:32:51	Straylight	45.500	18	24Alp PsA	1.1660	9700.0	91	23620	No
39	GOM_TRA_1PNPDE20060906_043732_000000402051_00019_23620_1230.N1	06-SEP-2006 04:37:32	Bright	40.000	142	49Del Cap	2.8500	8900.0	80	23620	No
40	GOM_TRA_1PNPDE20060906_044038_000000382051_00019_23620_1231.N1	06-SEP-2006 04:40:38	Bright	37.500	154	22Bet Aqr	2.8990	5700.0	75	23620	No
41	GOM_TRA_1PNPDE20060906_044159_000000392051_00019_23620_1232.N1	06-SEP-2006 04:41:59	Bright	39.000	162	34Alp Aqr	2.9440	5350.0	78	23620	No
42	GOM_TRA_1PNPDE20060906_044457_000000372051_00019_23620_1233.N1	06-SEP-2006 04:44:57	Bright	37.000	61	8Eps Peg	2.1000	3900.0	74	23620	No

43	GOM_TRA_1PNPDE20060906_045158_000000372051_00019_23620_1234.N1	06-SEP-2006 04:51:58	Bright	36.500	92	53Eps Cyg	2.5000	4500.0	73	23620	No
44	GOM_TRA_1PNPDE20060906_045355_000000372051_00019_23620_1235.N1	06-SEP-2006 04:53:55	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	23620	No
45	GOM_TRA_1PNPDE20060906_045507_000000372051_00019_23620_1236.N1	06-SEP-2006 04:55:07	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	23620	No
46	GOM_TRA_1PNPDE20060906_045954_000000352051_00019_23620_1237.N1	06-SEP-2006 04:59:54	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	23620	No
47	GOM_TRA_1PNPDE20060906_050736_000000342051_00019_23620_1238.N1	06-SEP-2006 05:07:36	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	23620	No
48	GOM_TRA_1PNPDE20060906_052550_000000392051_00019_23620_1226.N1	06-SEP-2006 05:25:50	Bright	38.500	17	78Bet Gem	1.1610	4500.0	77	23620	No
49	GOM_TRA_1PNPDE20060906_053242_000000482051_00019_23620_1227.N1	06-SEP-2006 05:32:42	Twilight	47.500	8	10Alp CMi	0.40000	6500.0	95	23620	No
50	GOM_TRA_1PNPDE20060906_054015_000000412051_00019_23620_1228.N1	06-SEP-2006 05:40:15	Dark	40.500	132	15Rho Pup	2.8030	6900.0	81	23620	No

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



4. Overview of dark signal processing per product

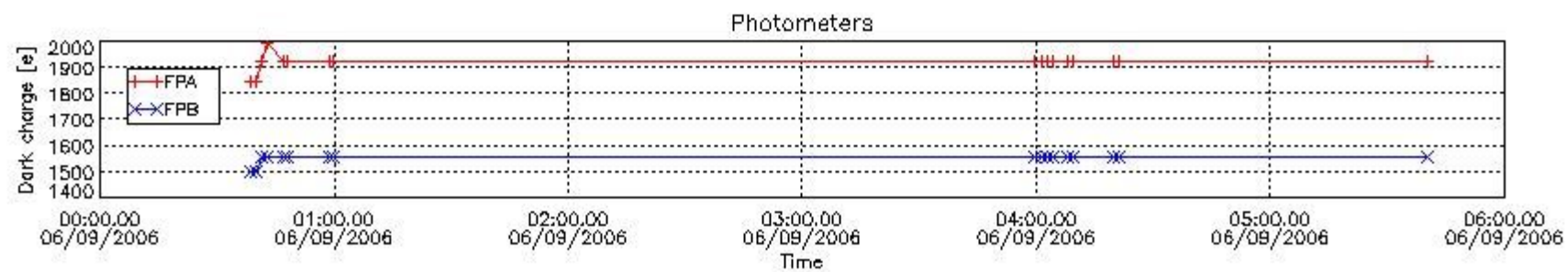
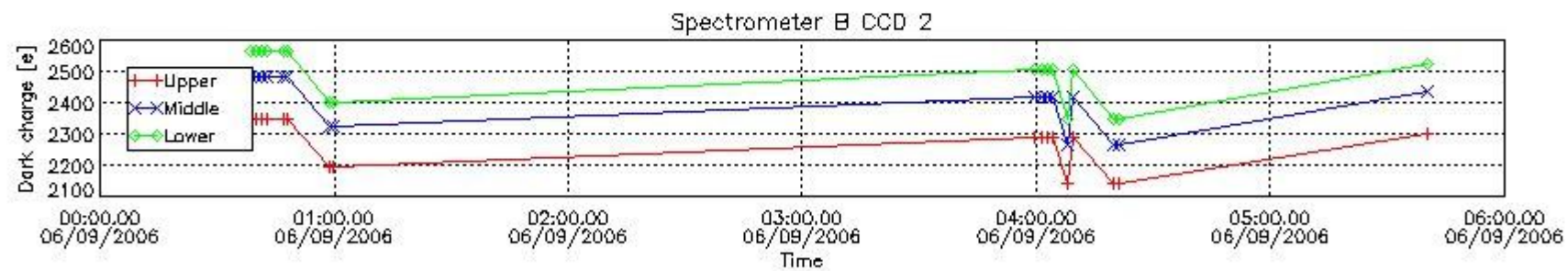
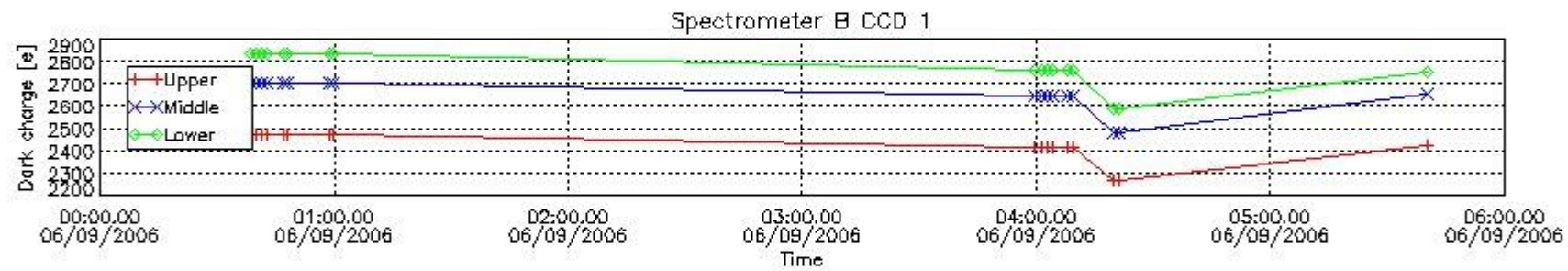
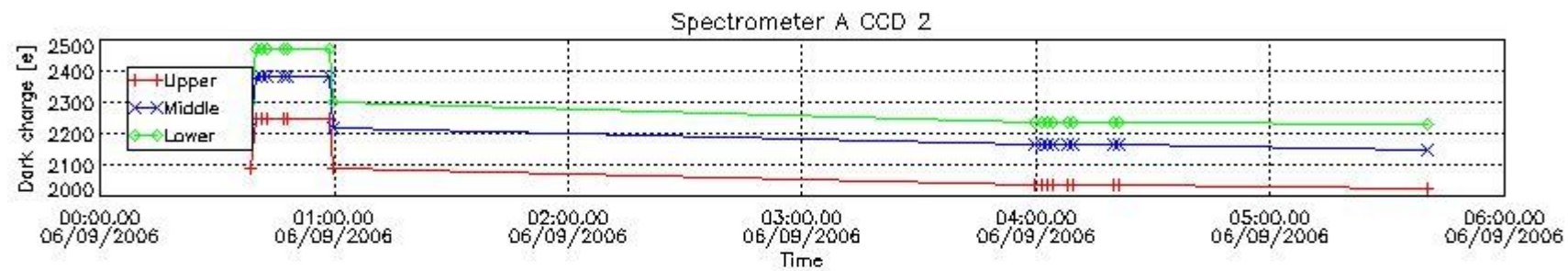
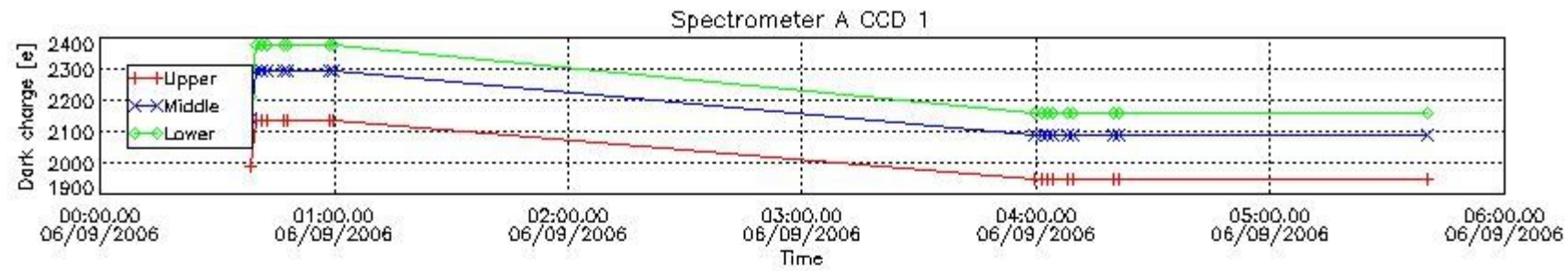
The Dark Charge (DC) is a temperature-dependant signal added to the useful measurements and it is therefore subtracted from them during the processing. There are two phenomena that produce a continuous increase of the DC: the "hot pixels" (a pixel is "hot" when its DC exceeds by a significant amount 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_1PNPDE20060906_032701_000000332051_00018_23619_1224.N1	DC map used

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



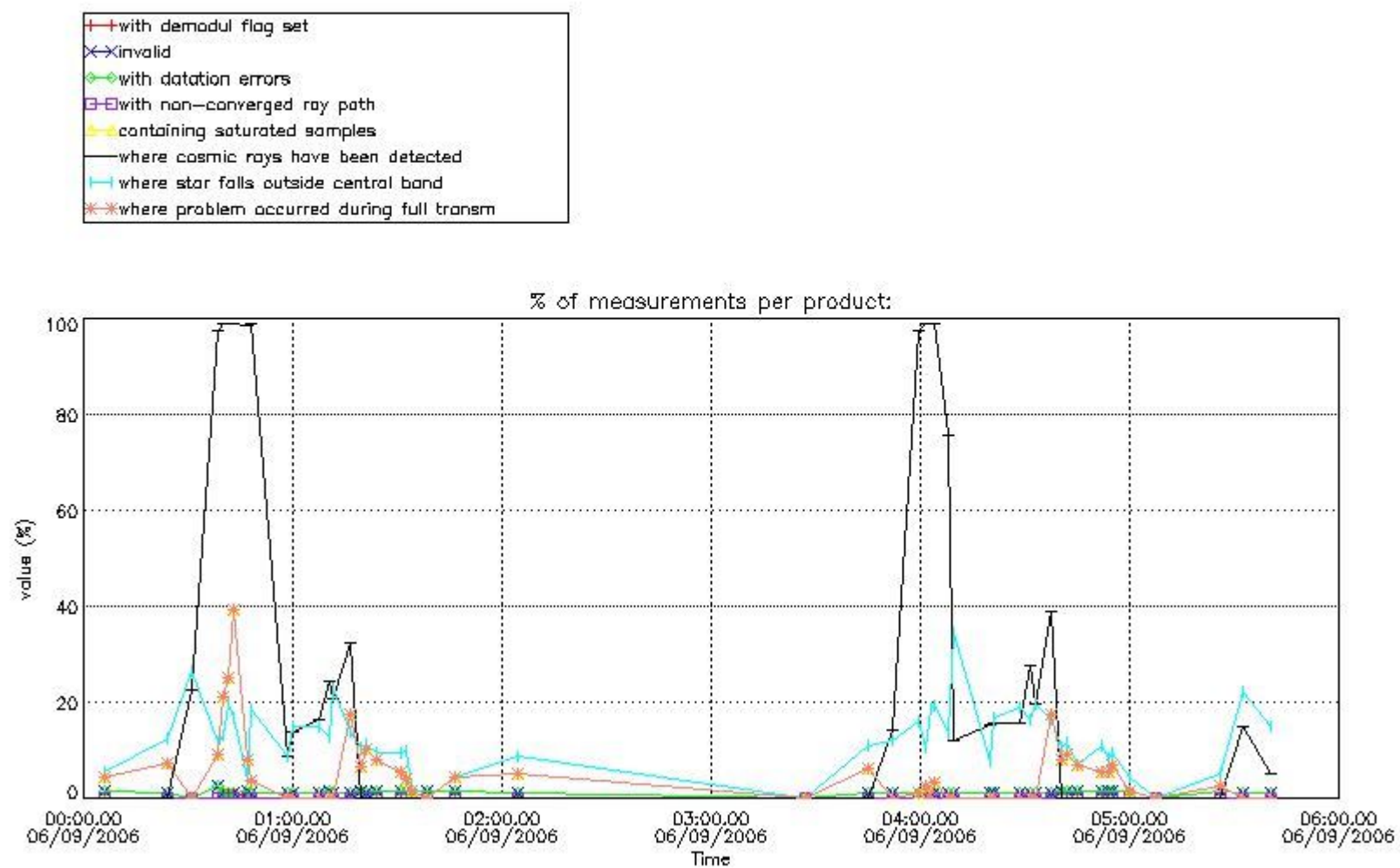
5. Demodulation flag and quality information monitoring

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.

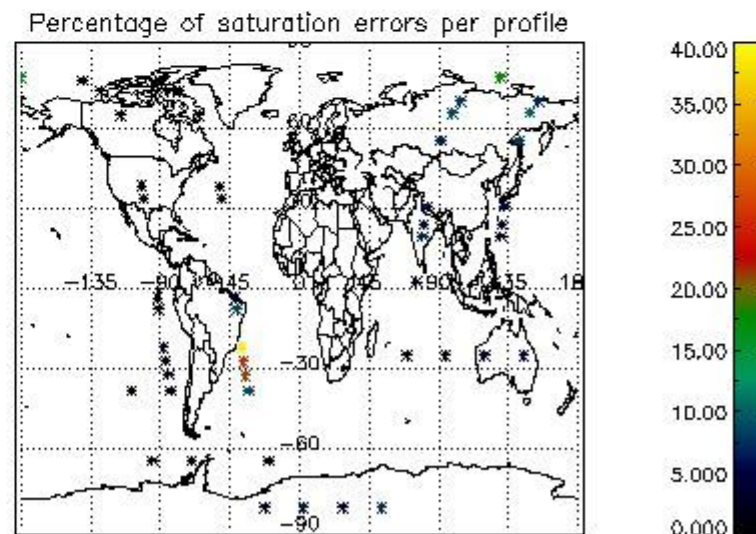
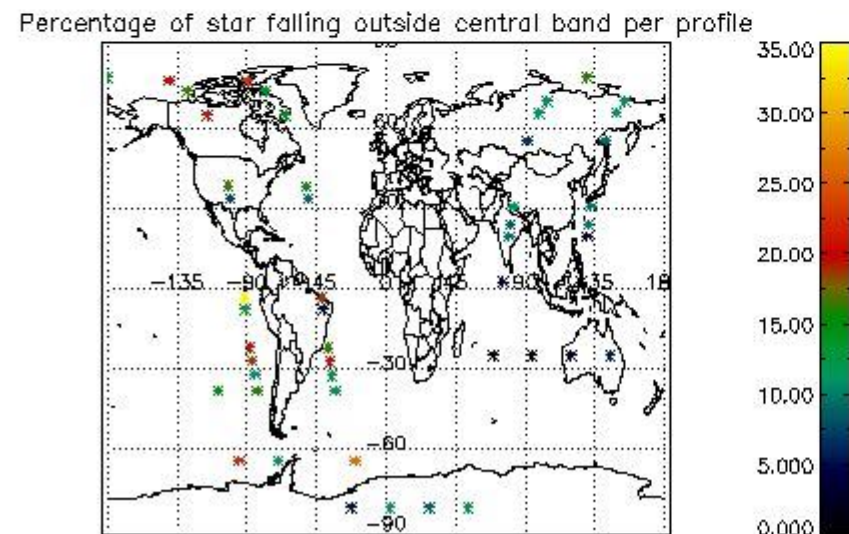
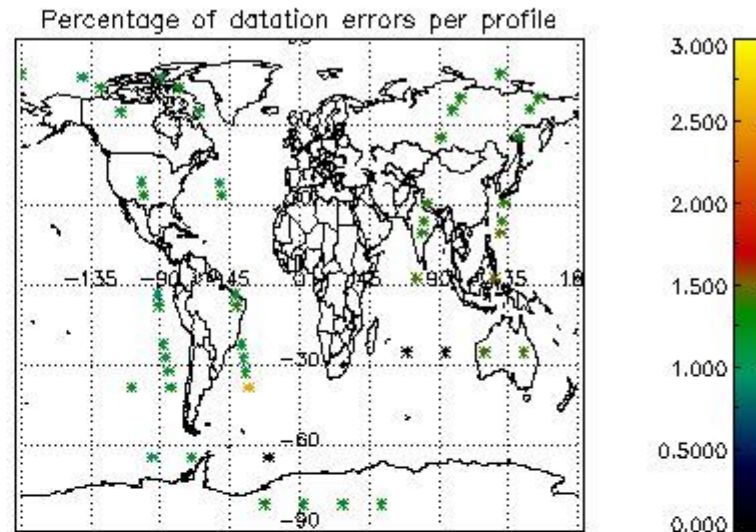
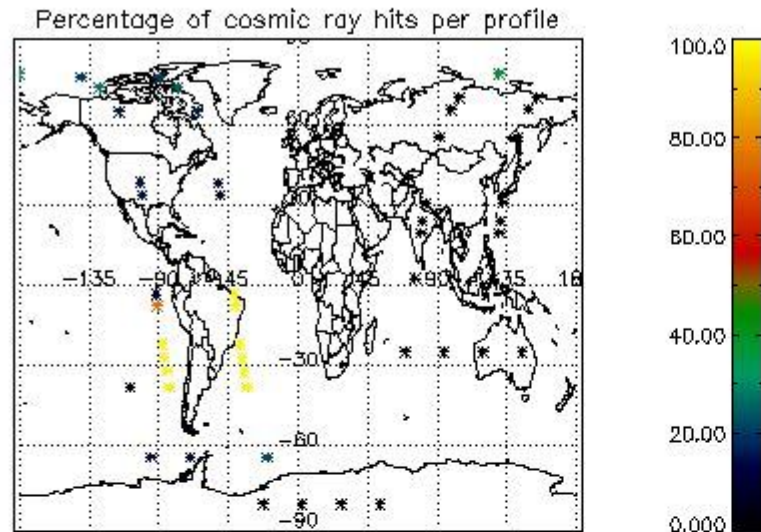
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	26.0000 %
Reference spectrum computed from DB:	0.00000 %
Reference spectrum with small number of measurements:	0.00000 %
SATU data not used:	0.00000 %

5.2 Plot quality information per product (time dependant)



5.3 Plot quality information per product (world map)



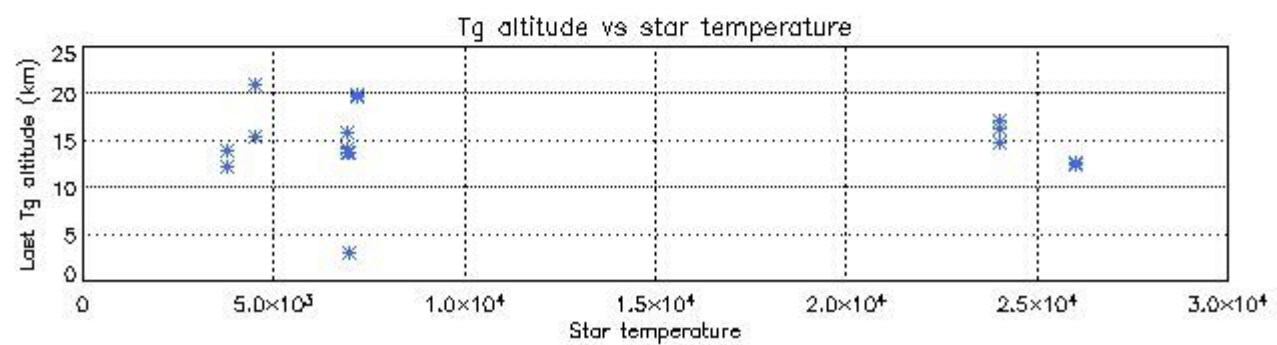
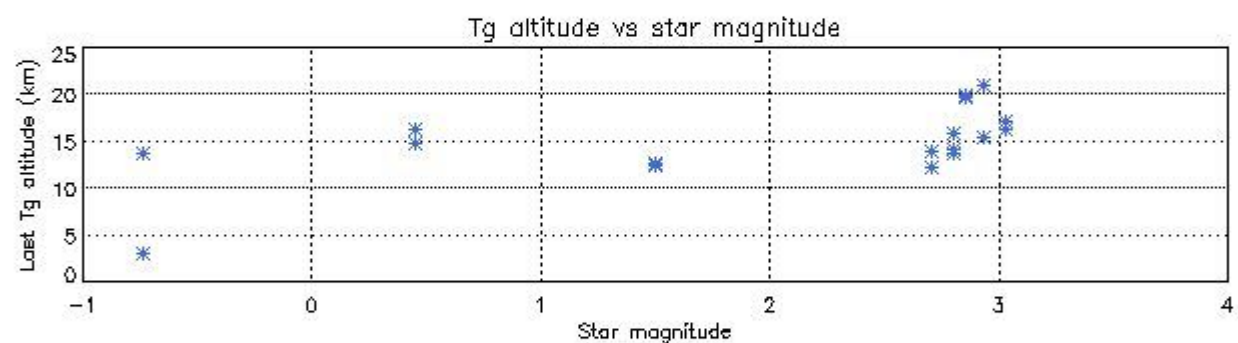
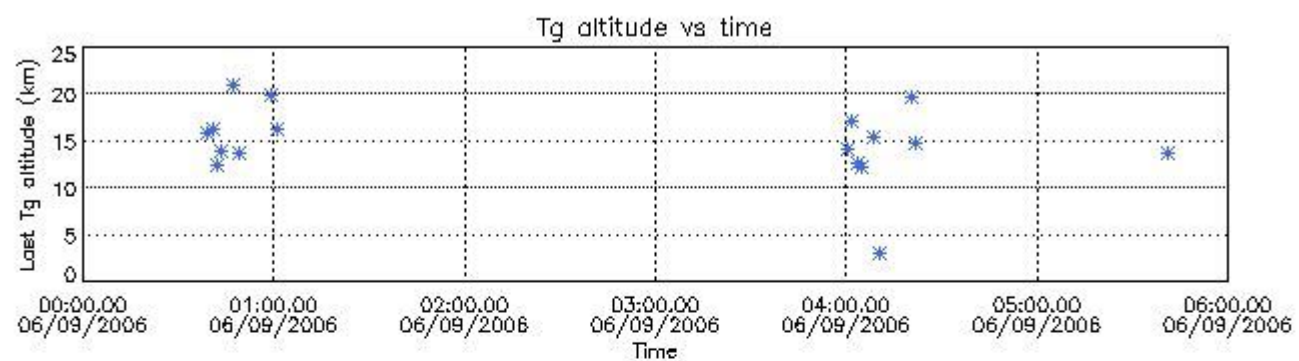
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	14.781	19.711	11.510
St. deviation:	4.0234	3.7690	3.2524
Maximum:	20.992	29.102	15.181
Minimum:	2.9622	14.517	8.9877
Number of data:	17.000	24.000	3.0000

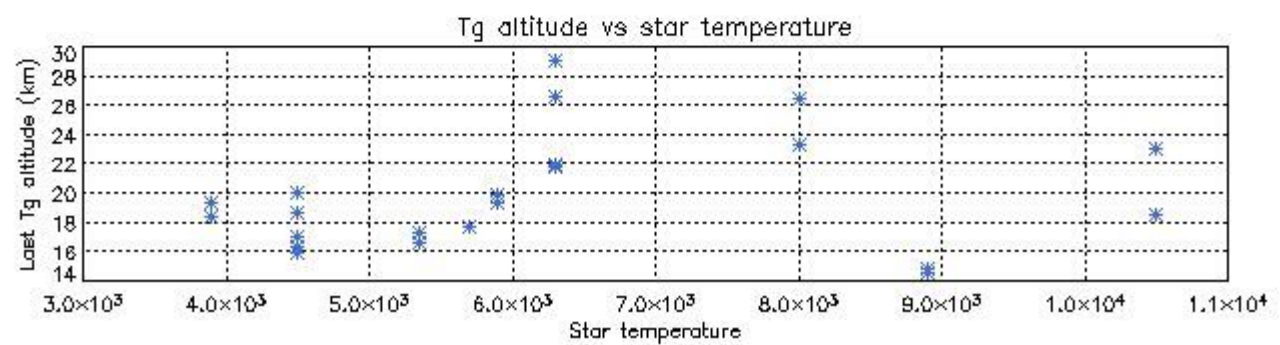
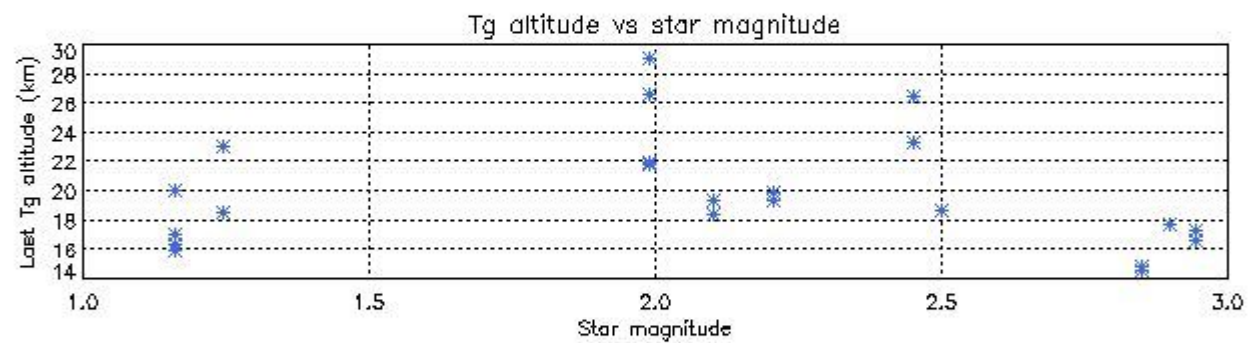
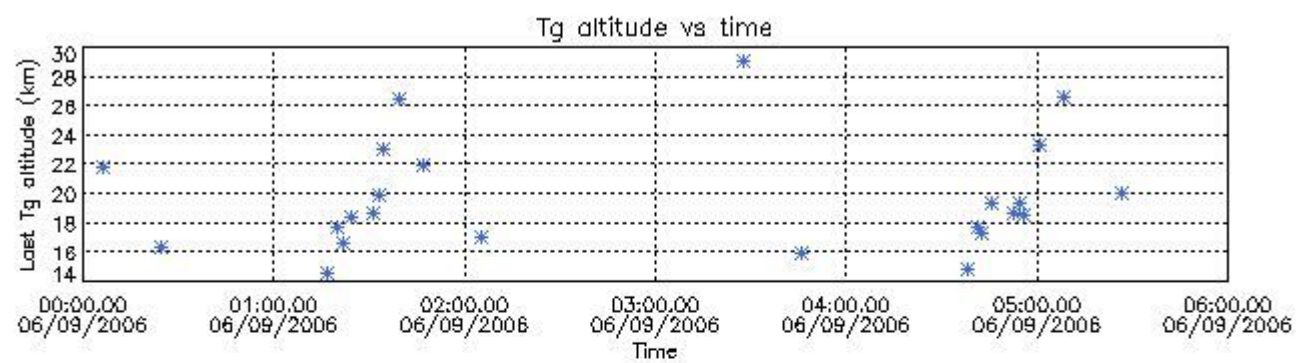
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



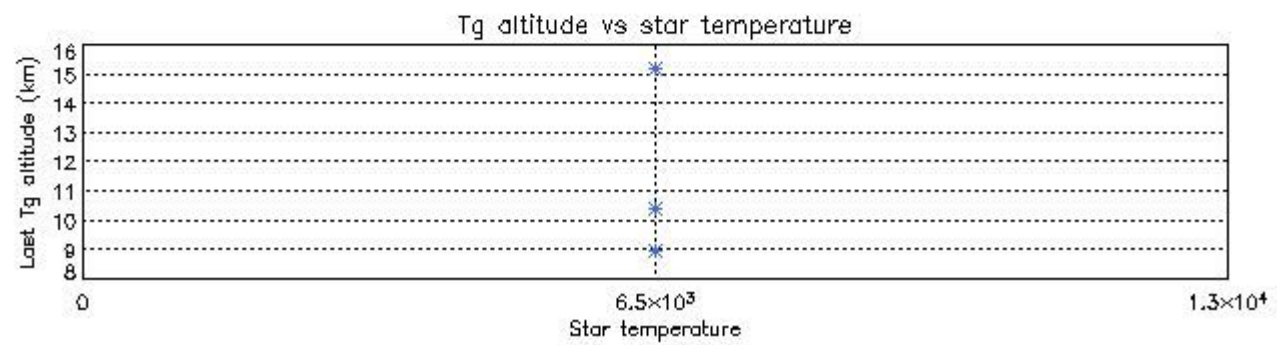
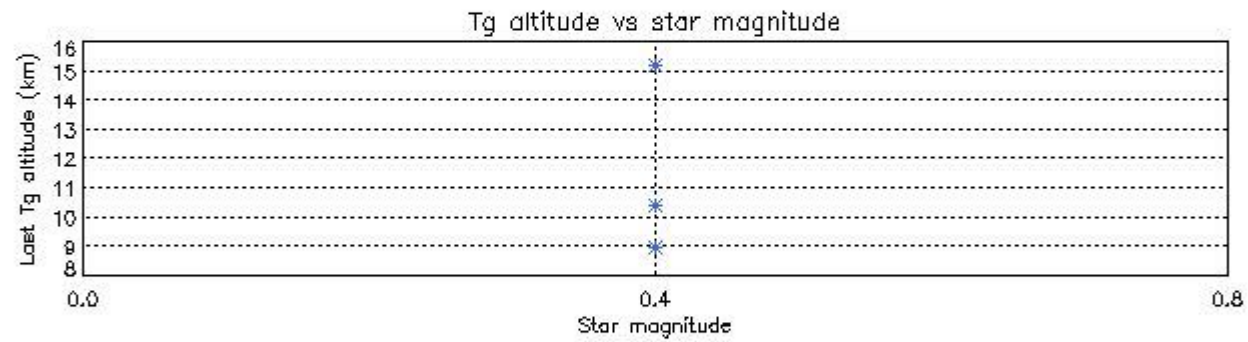
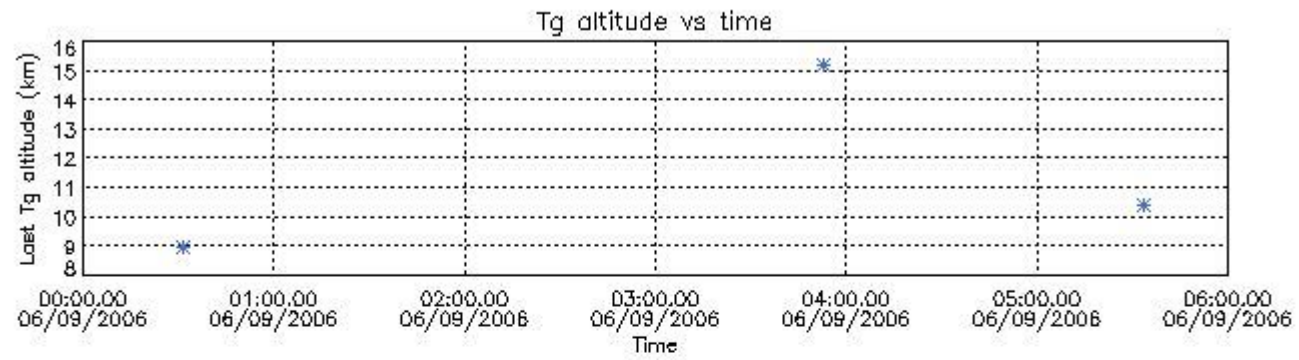
6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost



6.3 Plot for TWILIGHT limb products

Tangent altitude at which the star is lost

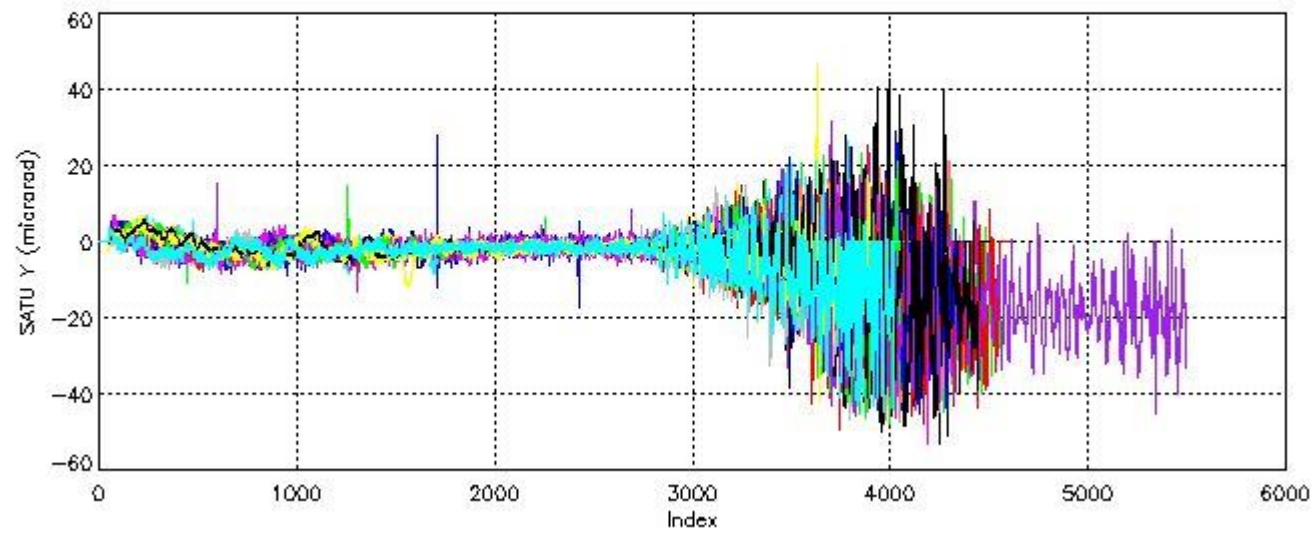
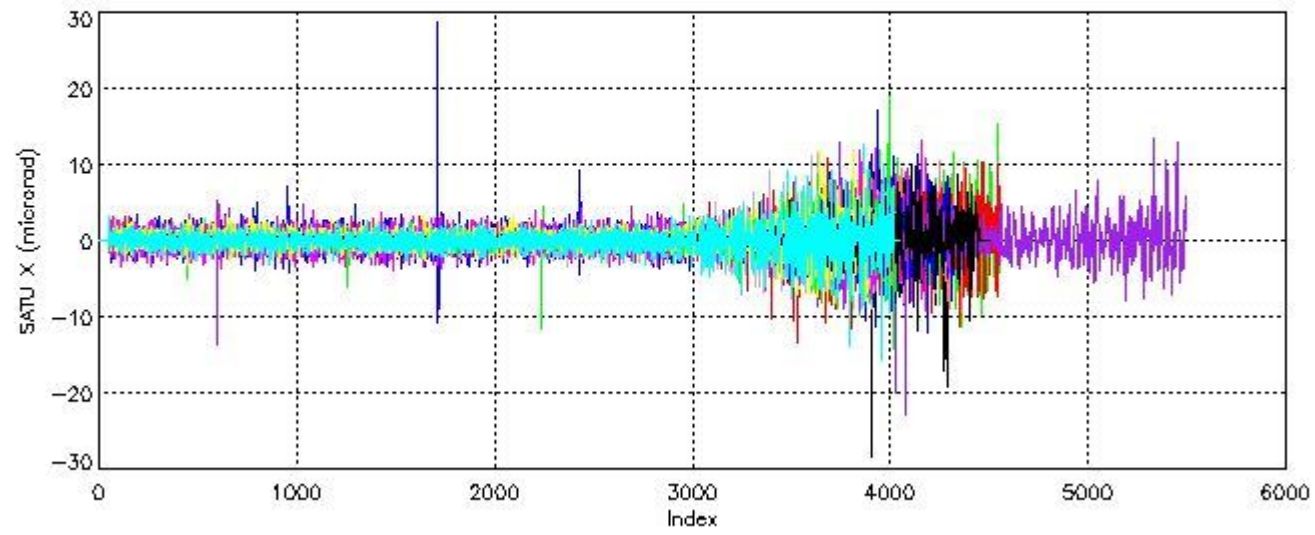


7. Star Acquisition and Tracking Unit (SATU)

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.

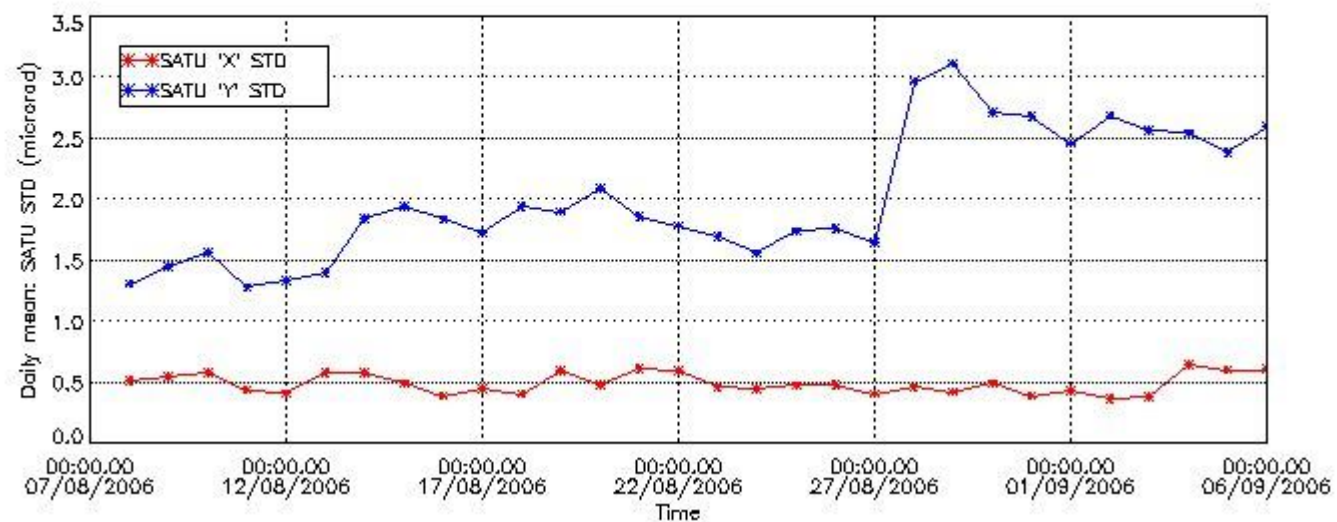
7.2.1 SATU NEA Statistics (table)

Statistics	SATU X (D)	SATU Y (D)	SATU X (B)	SATU Y (B)
Mean:	0.099632	-0.93645	0.080785	-1.2518
St. deviation:	0.60551	2.5942	0.54793	2.4176
Maximum:	7.0000	15.300	3.1000	7.6000
Minimum:	-2.6000	-7.5000	-0.60000	-5.8000

Number of data:	15750.	15750.	20050.	20050.
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7.2.2 Trend of daily SATU NEA St. deviation during the last two months (dark limb)

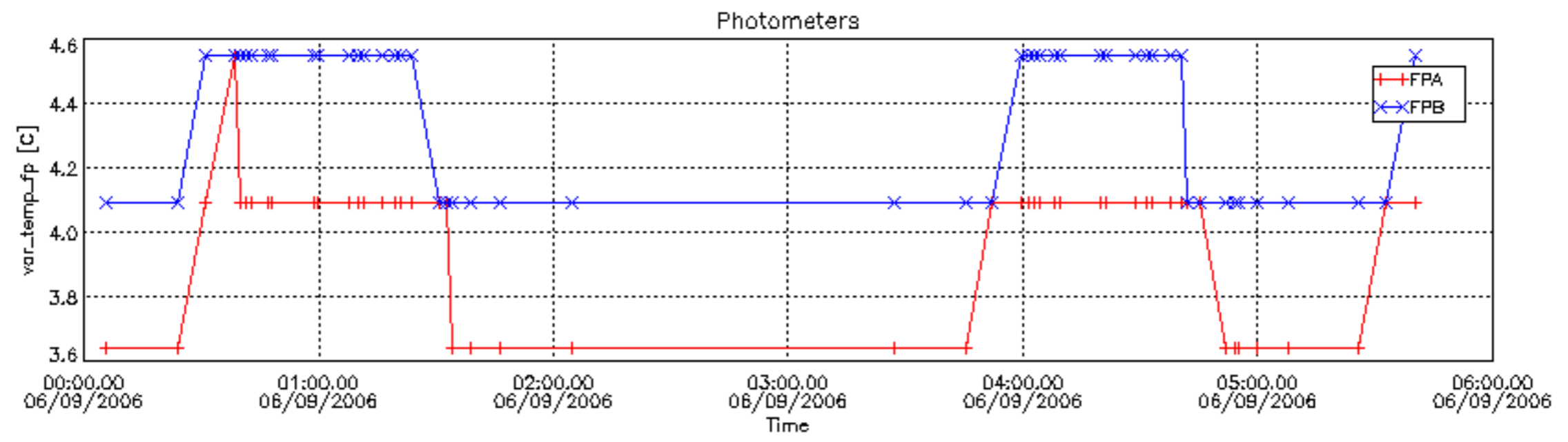
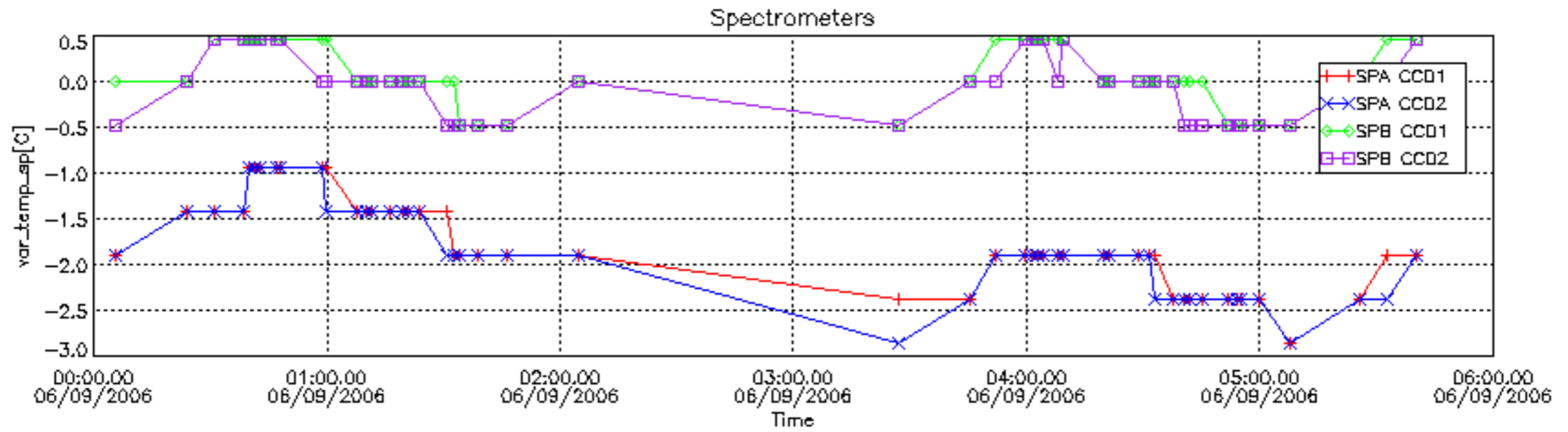
The long term trend of the SATU 'X' and 'Y' standard deviations should be constant during the whole mission.

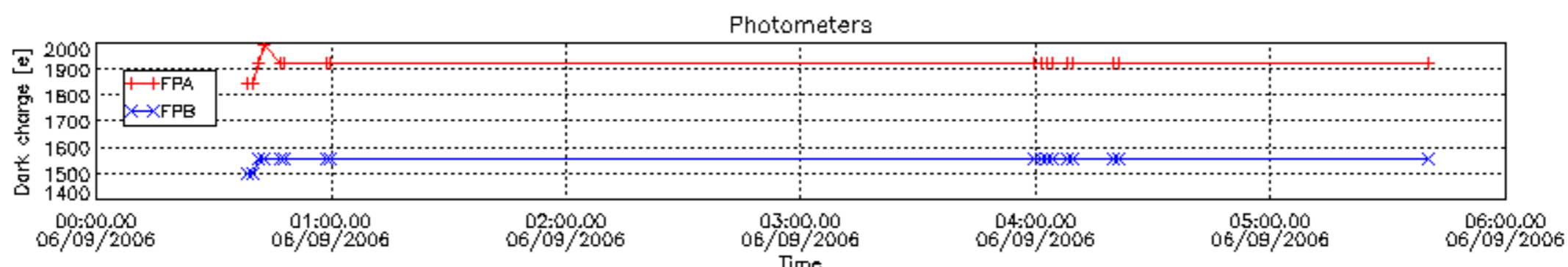
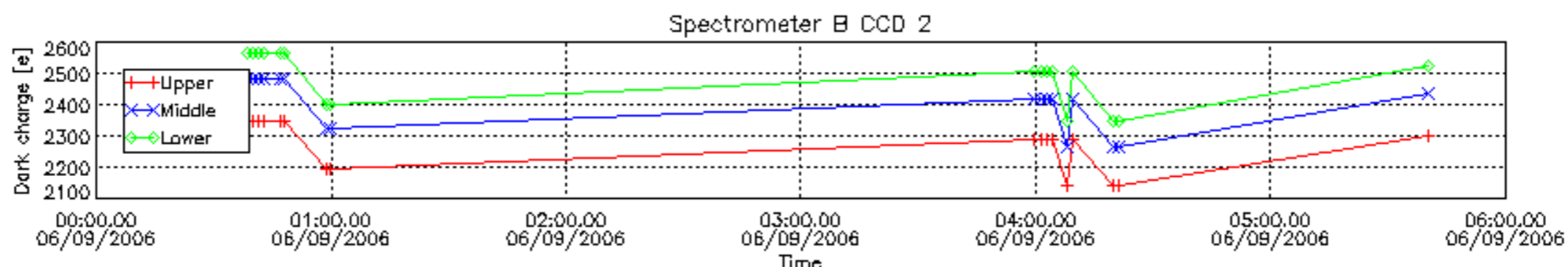
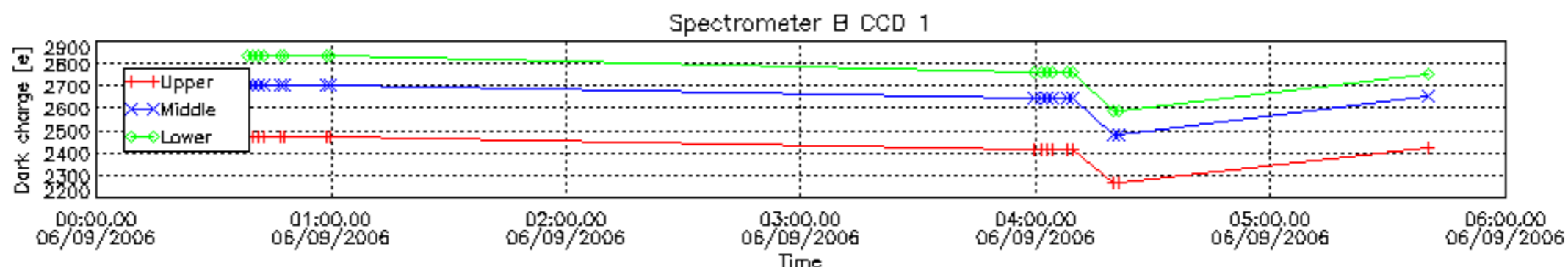
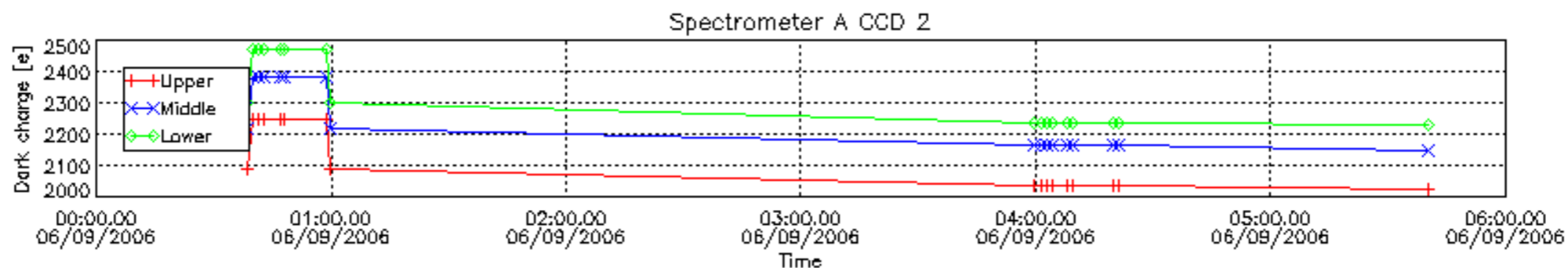
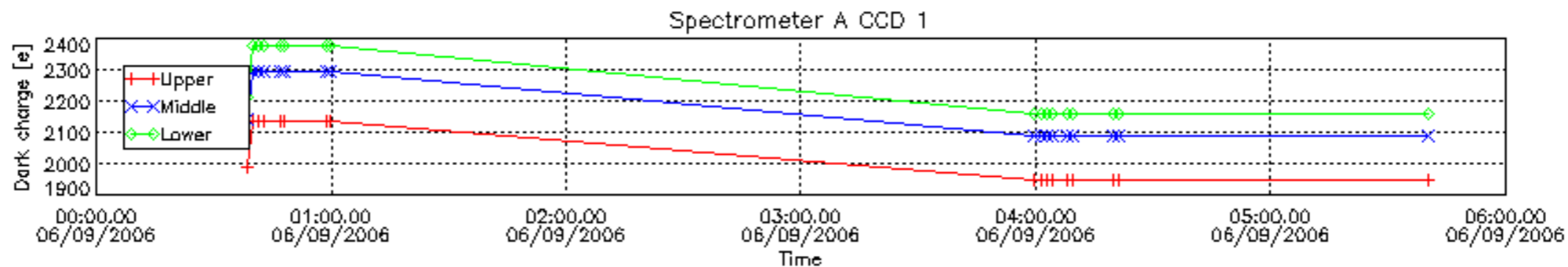


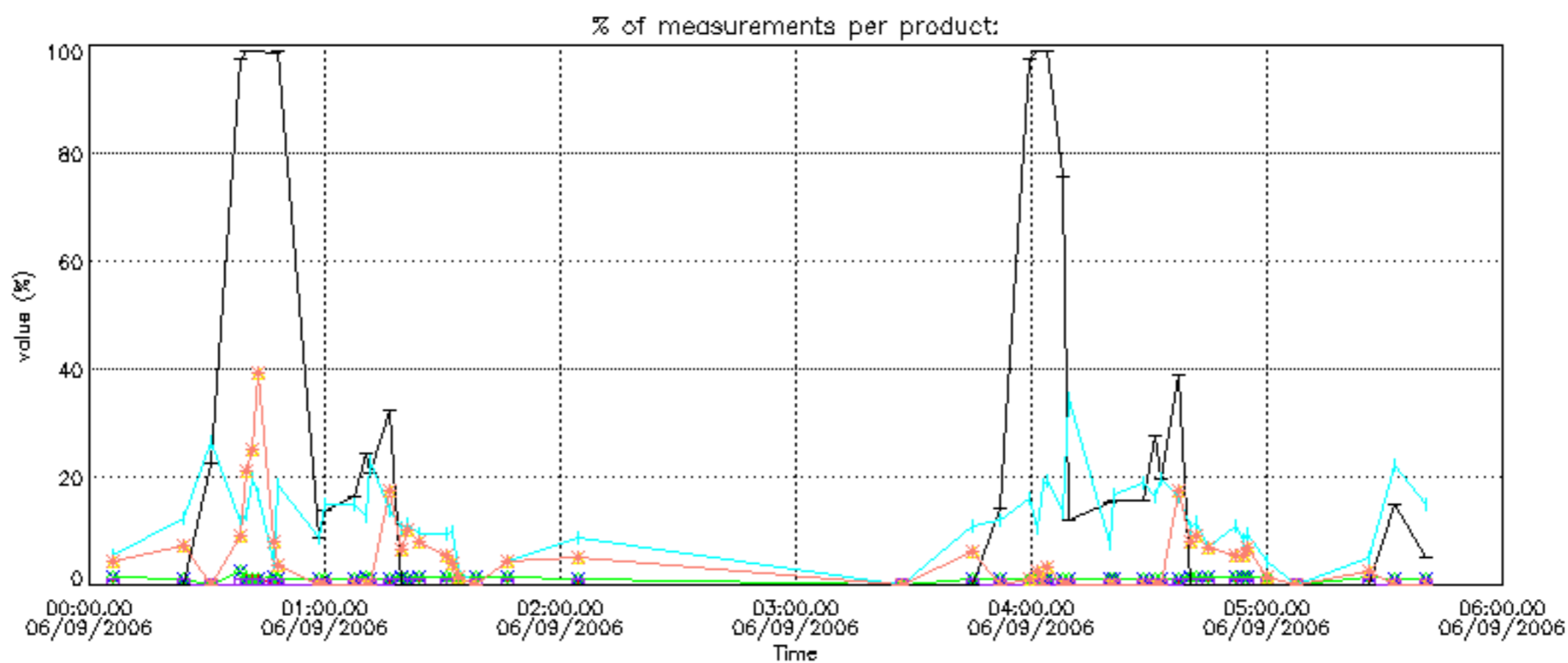
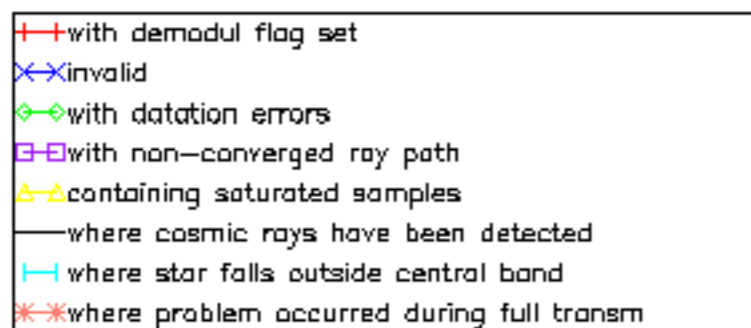
8. Auxiliary Data Files used for the production reported in section 2.2

The number reported in the third column indicates since which file (see list in section 2.2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

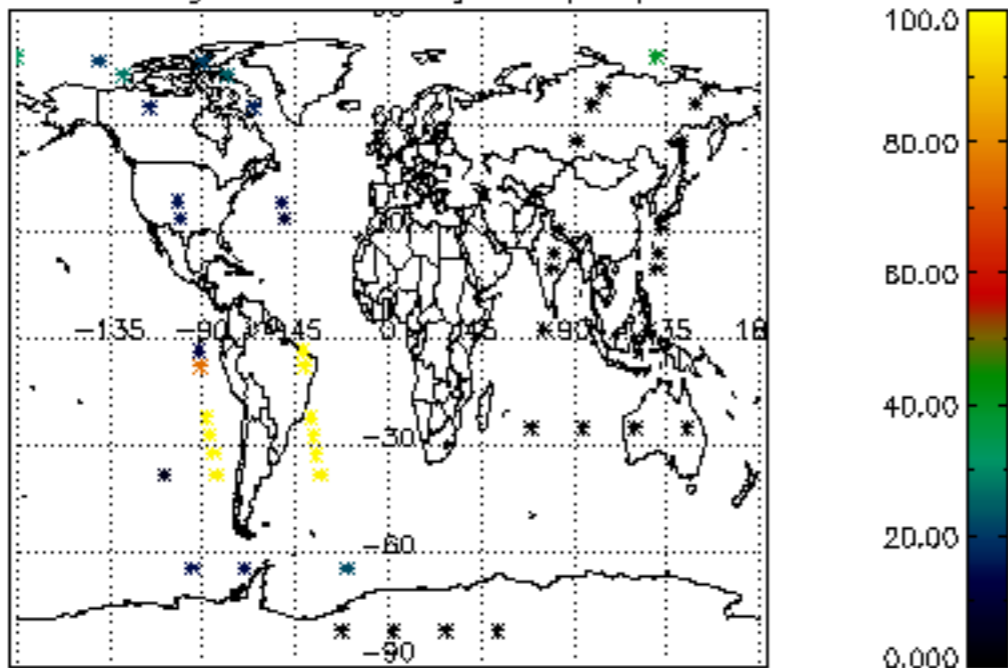
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXNIEC20050627_150713_20030716_120000_20100101_000000	1	06-SEP-2006 00:05:49
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20060904_154109_20060902_000000_20100101_000000	1	06-SEP-2006 00:05:49
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXNIEC20050627_151042_20020301_000000_20100101_000000	1	06-SEP-2006 00:05:49
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	06-SEP-2006 00:05:49
STELLAR_SPECTRA_DATABANK	GOM_STS_AXNIEC20040308_103538_20020101_160000_20100101_000000	1	06-SEP-2006 00:05:49
ECMWF_FILE	AUX_ECF_AXNECM20060905_062803_20060905_210000_20060906_090000	1	06-SEP-2006 00:05:49
ECMWF_FILE	AUX_ECF_AXNECM20060905_182741_20060906_030000_20060906_150000	25	06-SEP-2006 03:27:01
ECMWF_FILE	AUX_ECA_AXNECM20060906_060841_20060905_210000_20060906_090000	48	06-SEP-2006 05:25:50
OPTIONAL_ECMWF_FILE	MISSING	1	06-SEP-2006 00:05:49
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20060905_225530_000057382051_00015_23616_0501.N1	1	06-SEP-2006 00:05:49
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20060906_032628_000057382051_00018_23619_0504.N1	25	06-SEP-2006 03:27:01
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20060906_050725_000057382051_00019_23620_0505.N1	48	06-SEP-2006 05:25:50



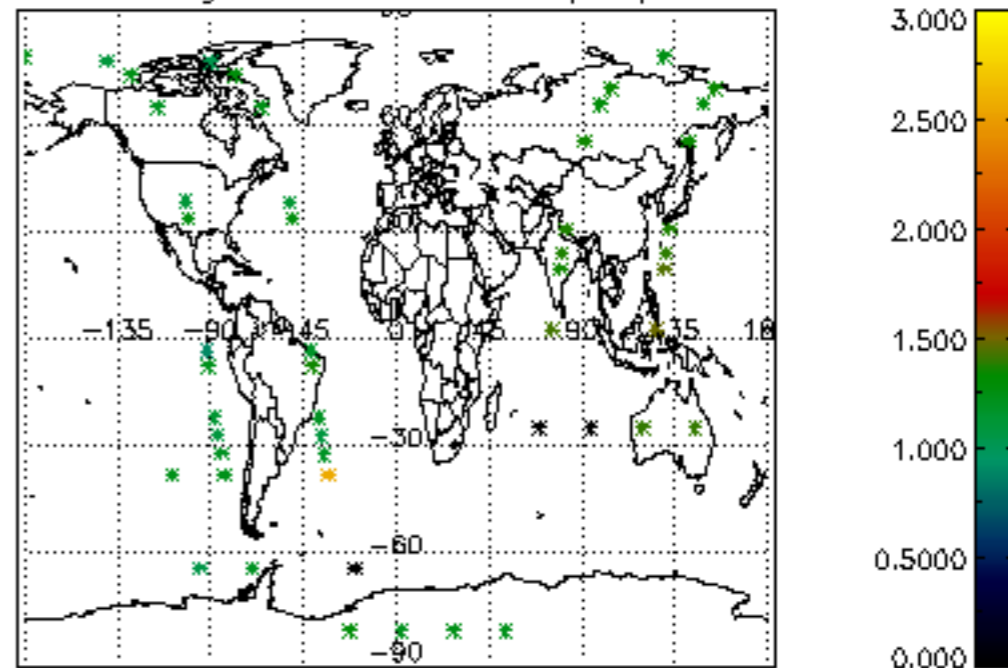




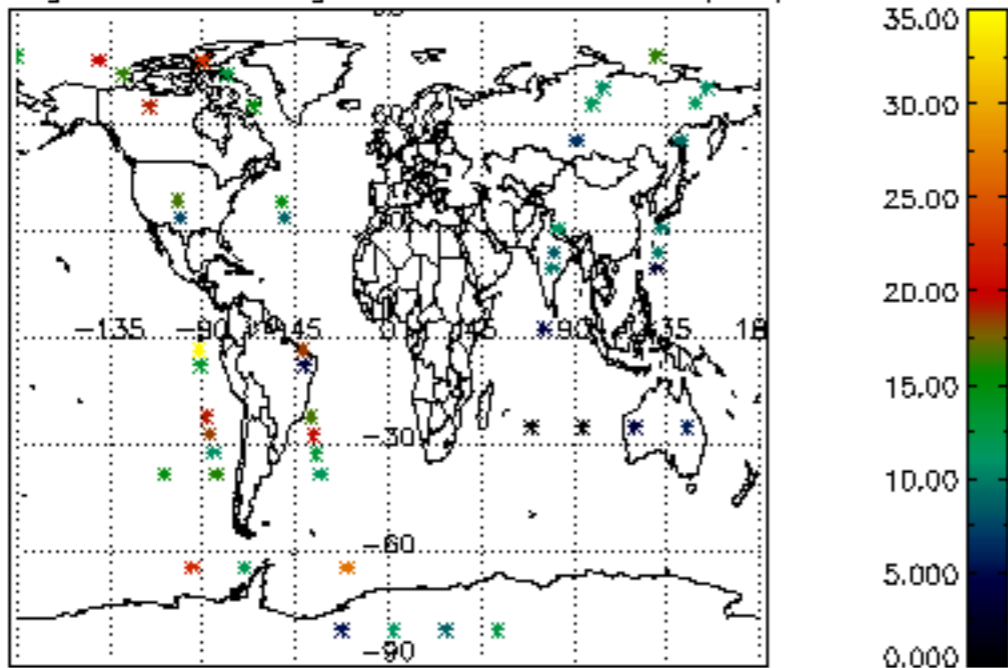
Percentage of cosmic ray hits per profile



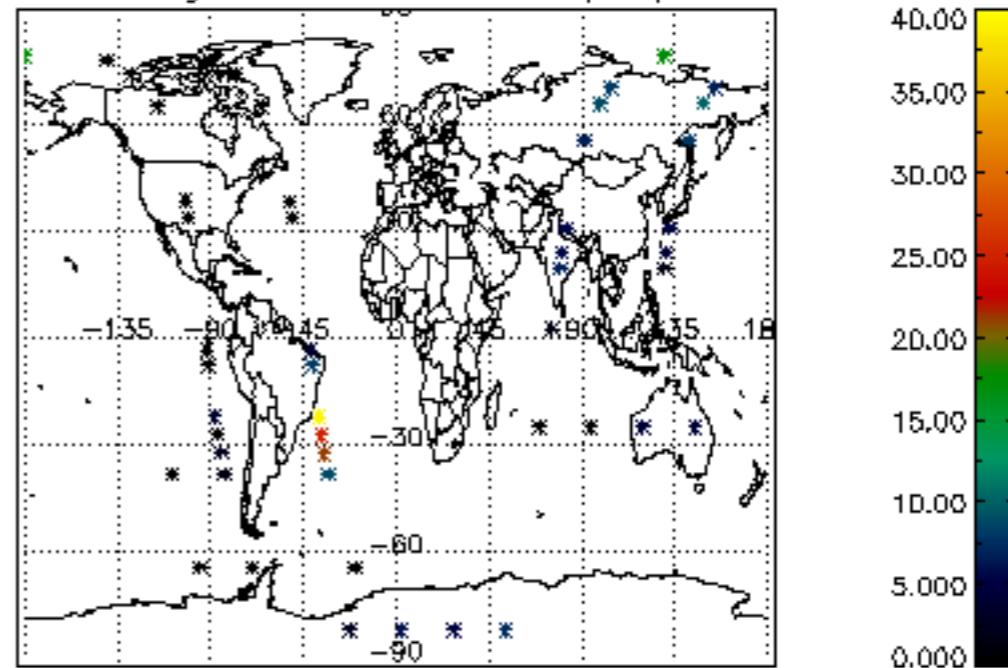
Percentage of datation errors per profile



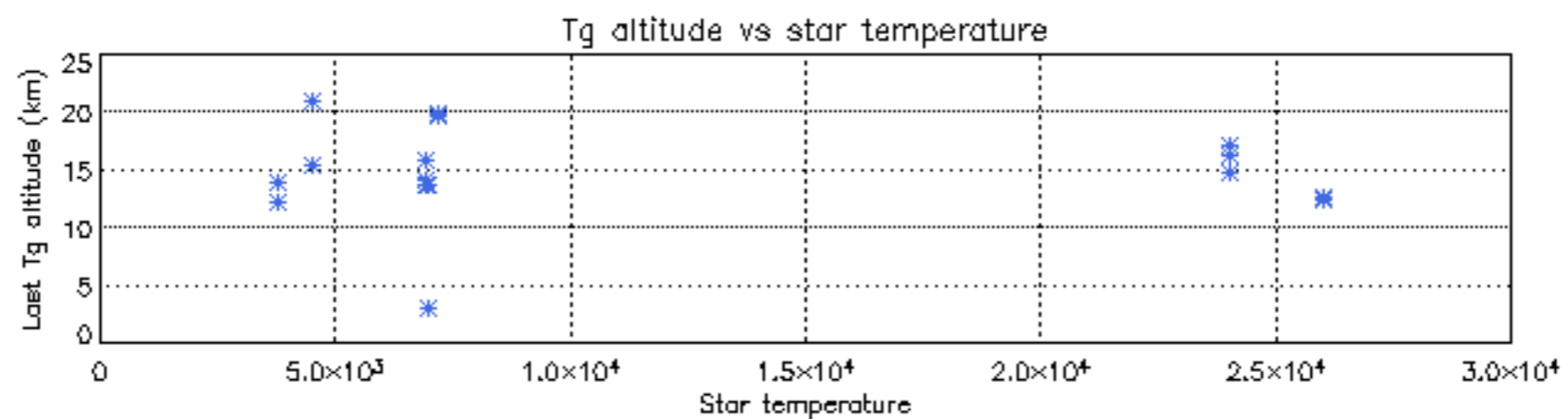
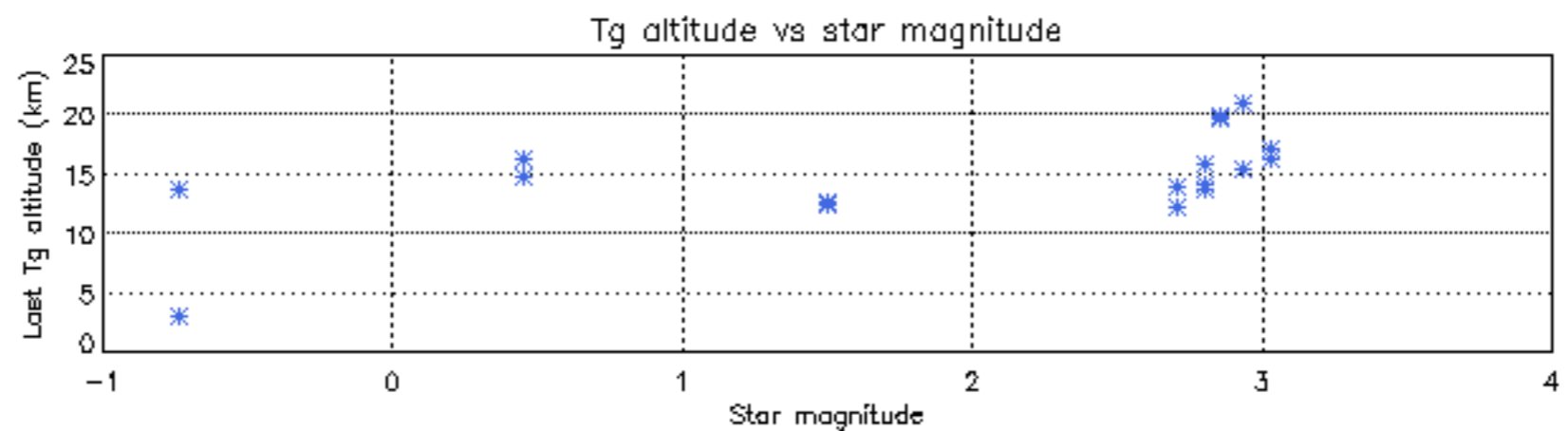
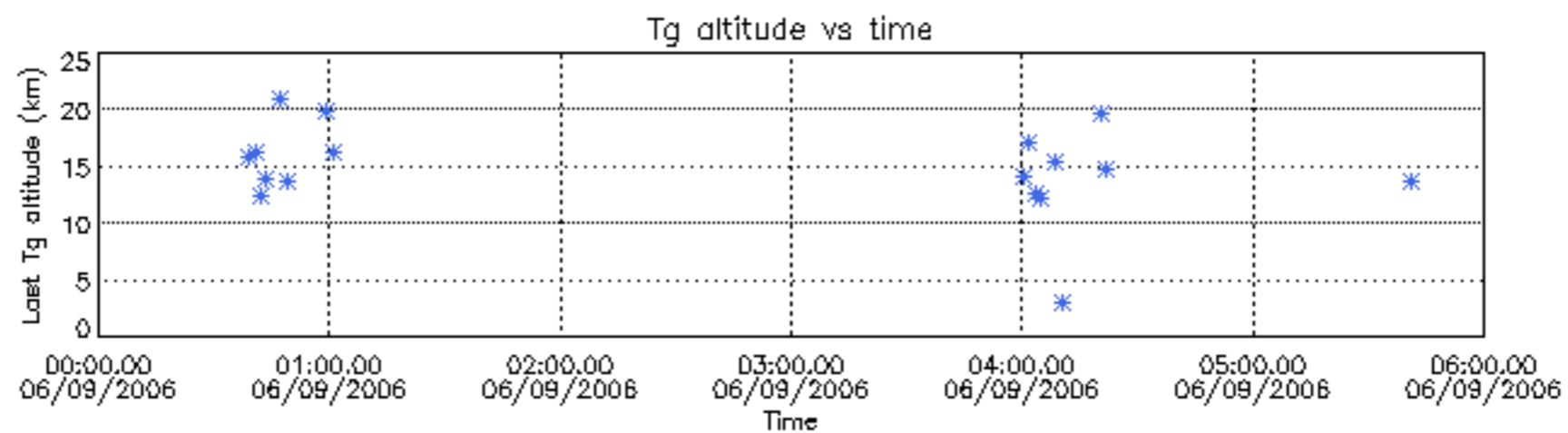
Percentage of star falling outside central band per profile



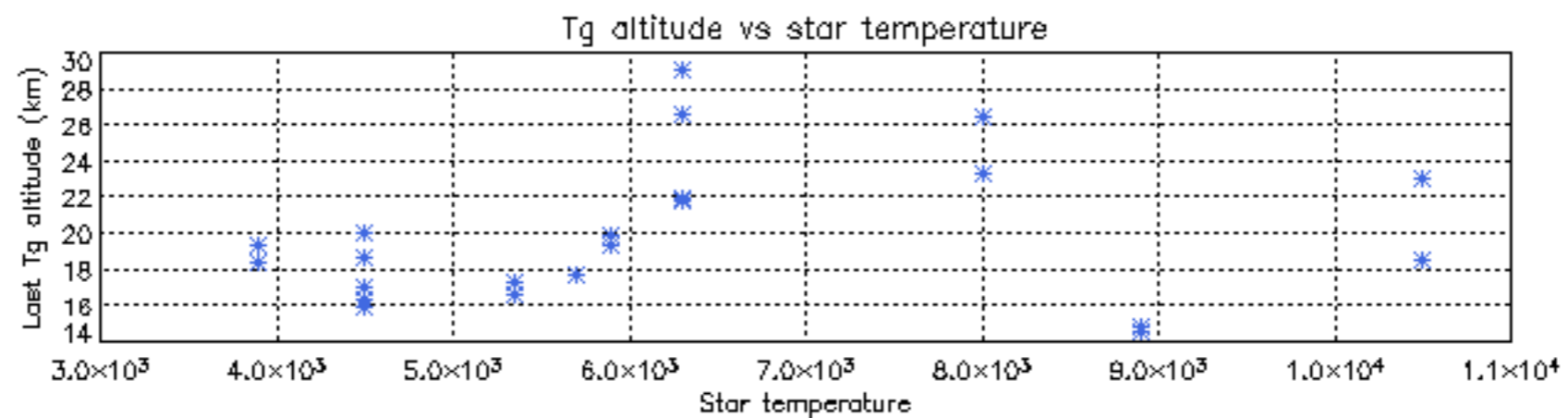
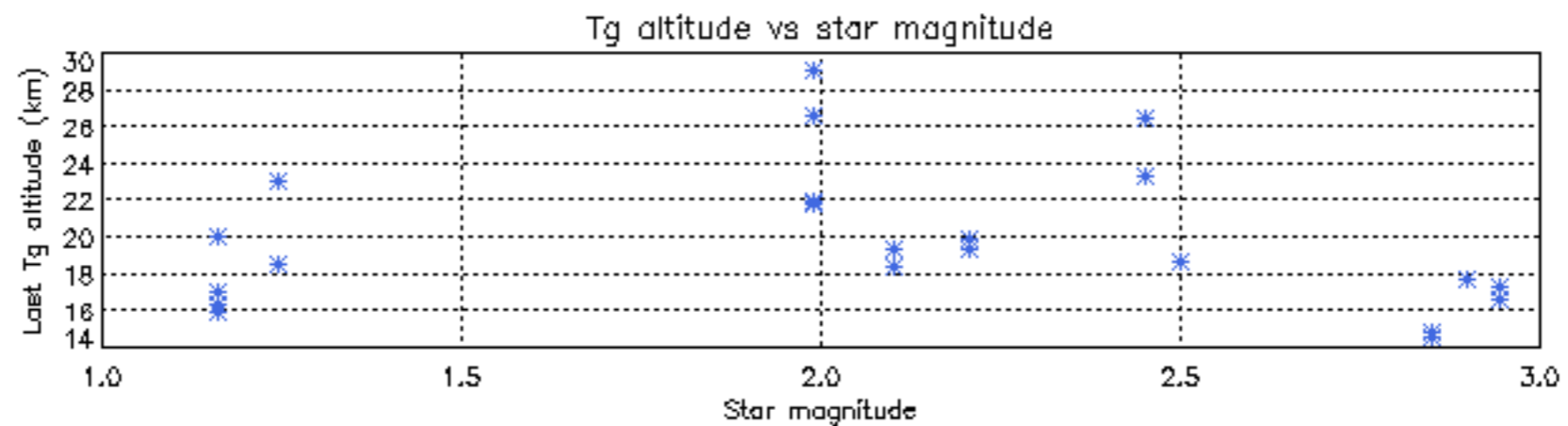
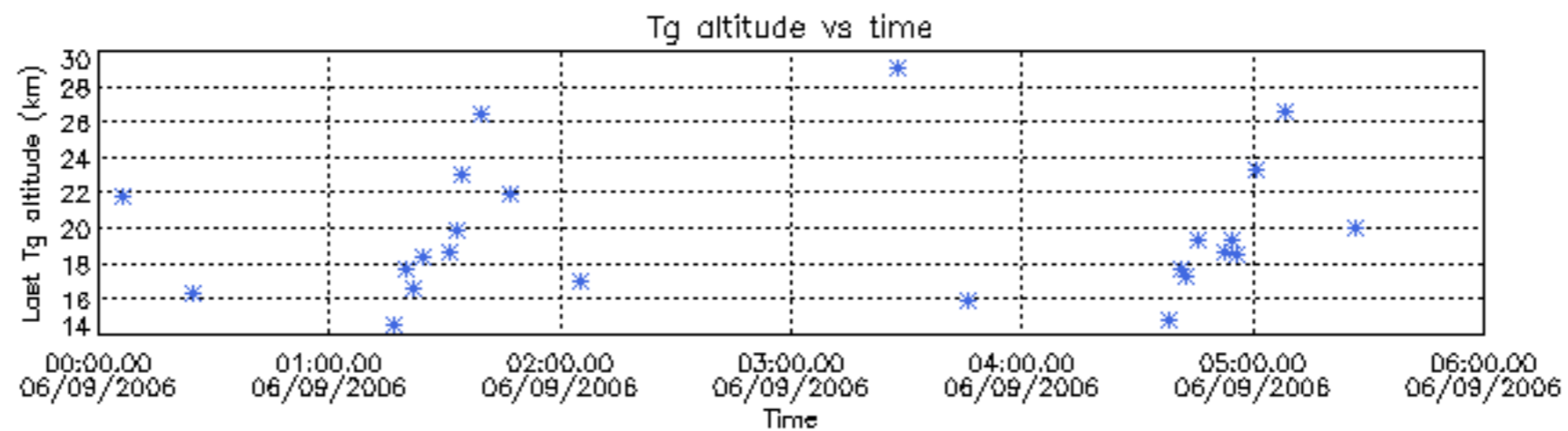
Percentage of saturation errors per profile



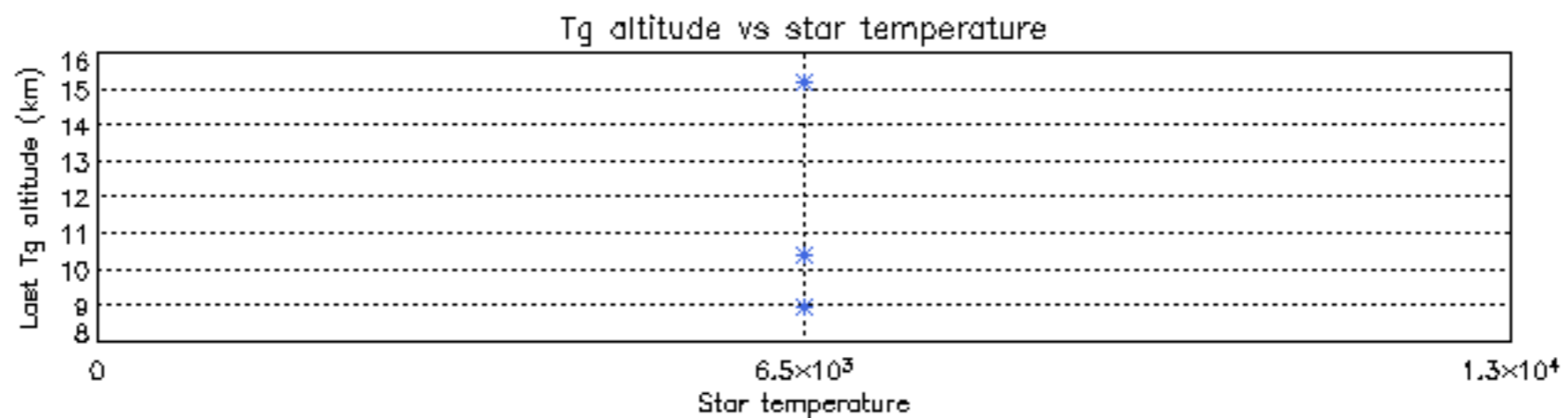
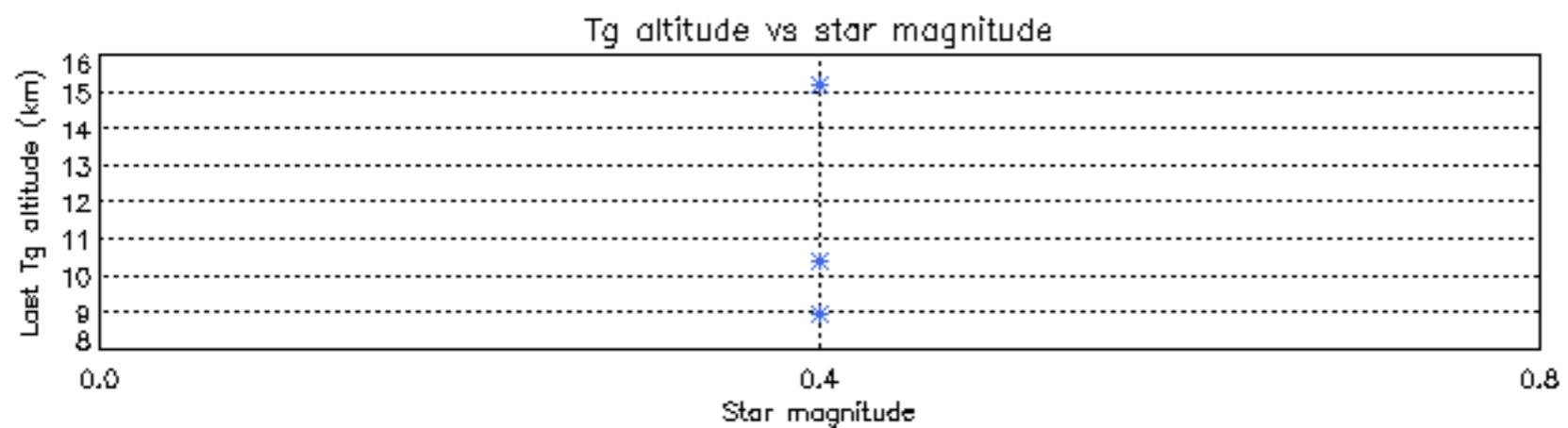
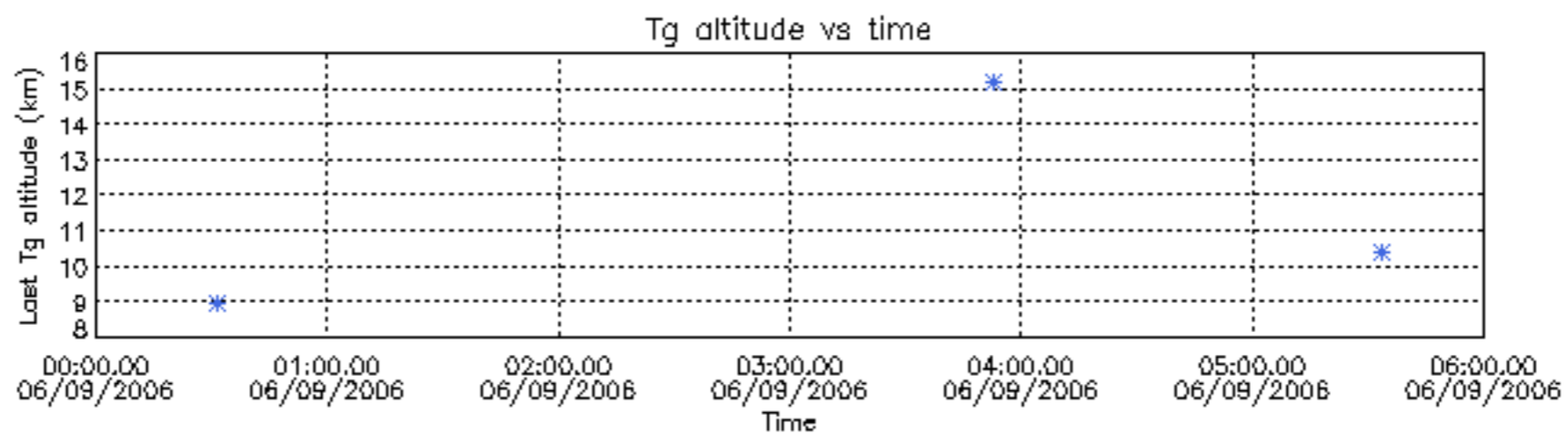
Tangent altitude at which the star is lost

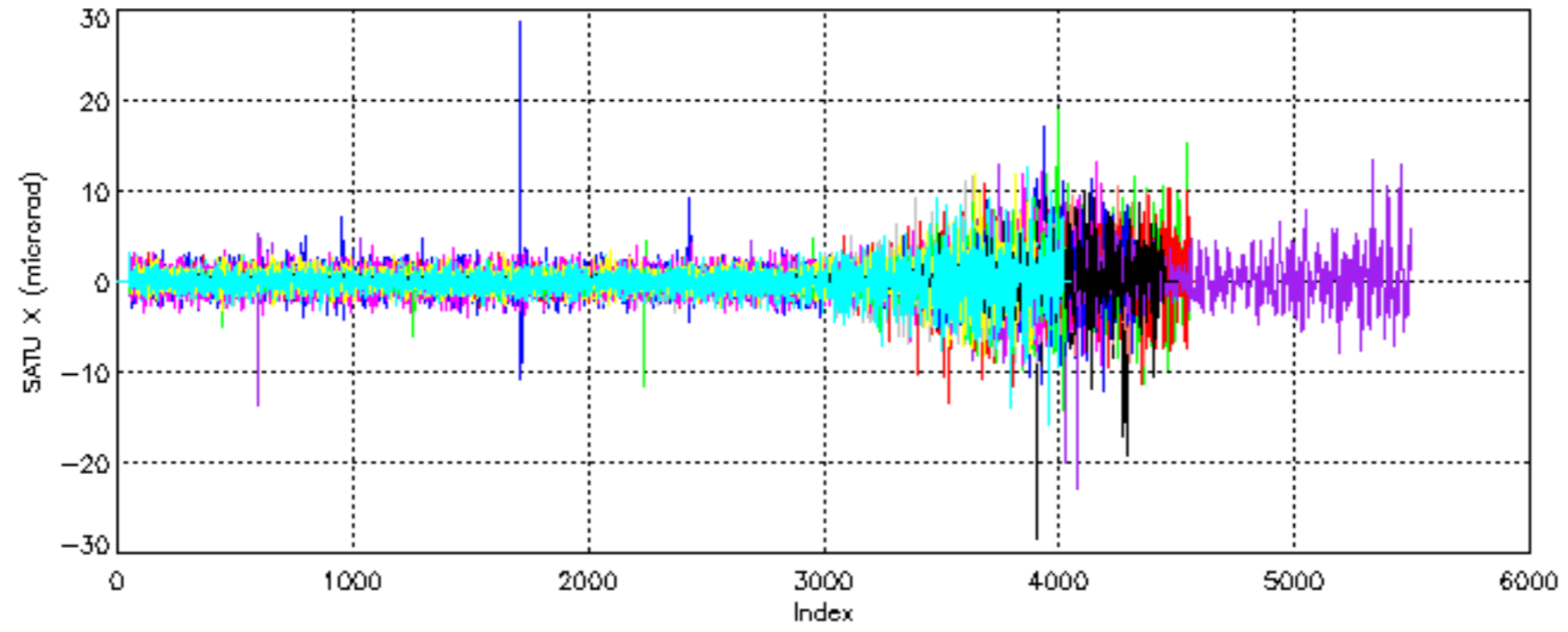


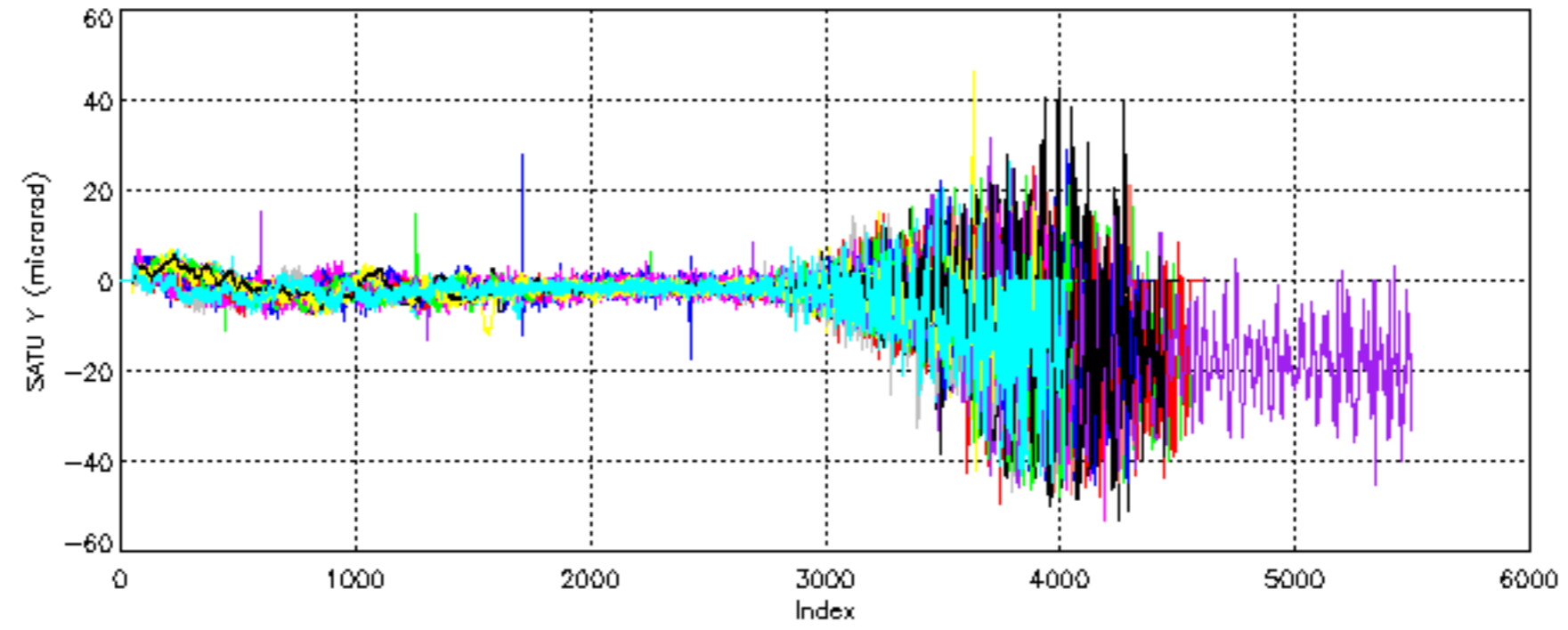
Tangent altitude at which the star is lost

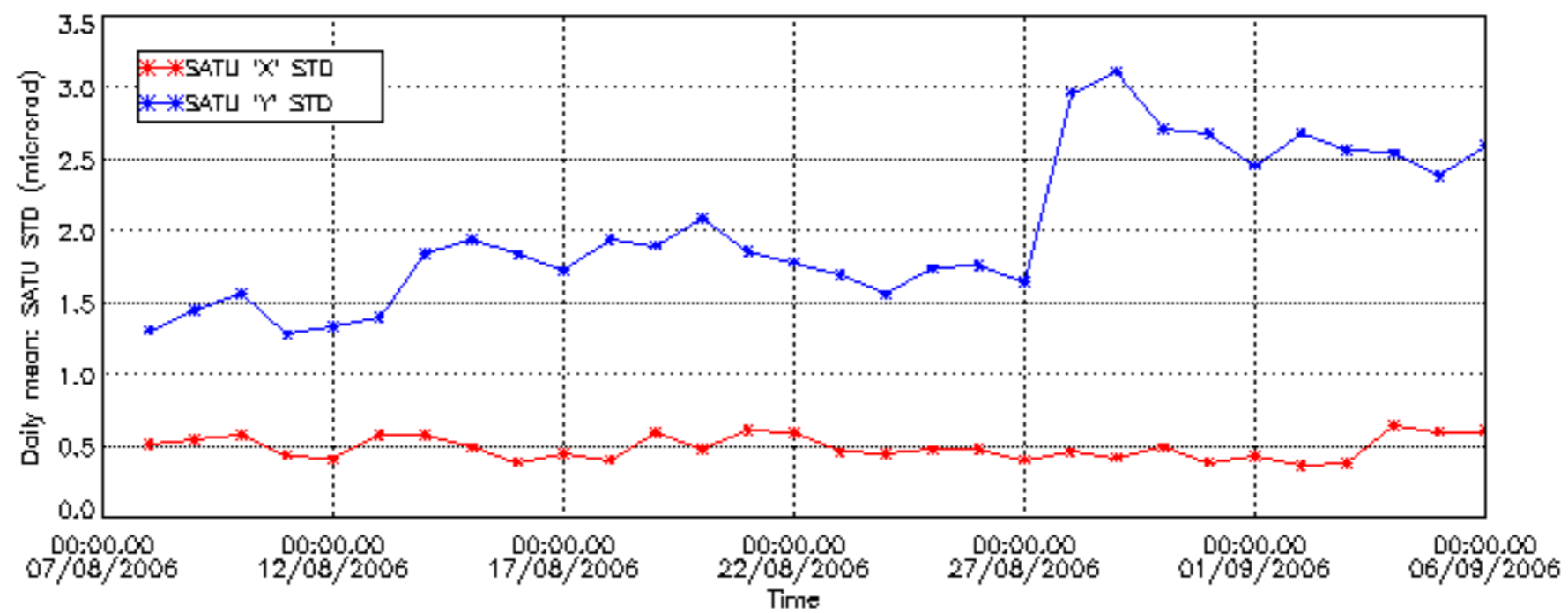


Tangent altitude at which the star is lost









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 3; -402.4; 01-SEP-2006 01:39:59; Dark ; 45.0; 117; Pi Pup ; 2.71; 3800;occ; 90; 0;23546
 4; -278.6; 01-SEP-2006 01:42:03; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;23546
 5; -92.4; 01-SEP-2006 01:45:09; Dark ; 44.5; 2; Alp Car ; -0.74; 7000;occ; 89; 0;23546
 6; 526.4; 01-SEP-2006 01:55:28; Dark ; 39.0; 143; Alp Hyi ; 2.86; 7200;occ; 78; 0;23547
 7; 603.1; 01-SEP-2006 01:56:44; Dark ; 44.5; 9; Alp Eri ; 0.45; 24000;occ; 89; 0;23547
 8; 1084.0; 01-SEP-2006 02:04:45; Dark ; 38.5; 31; Alp Gru ; 1.73; 15200;occ; 77; 0;23547
 9; 1328.9; 01-SEP-2006 02:08:50; Dark ; 50.5; 18; 24Alp PsA ; 1.17; 9700;occ; 101; 0;23547
 10; 1619.0; 01-SEP-2006 02:13:40; Dark ; 49.5; 142; 49Del Cap ; 2.85; 8900;occ; 99; 0;23547
 11; 1807.1; 01-SEP-2006 02:16:48; Bright; 38.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 76; 0;23547
 12; 1895.4; 01-SEP-2006 02:18:17; Bright; 40.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 80; 0;23547
 13; 2075.6; 01-SEP-2006 02:21:17; Bright; 38.0; 61; 8Eps Peg ; 2.10; 3900;occ; 76; 0;23547
 14; 2487.4; 01-SEP-2006 02:28:09; Bright; 37.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 75; 0;23547
 15; 2600.2; 01-SEP-2006 02:30:01; Bright; 35.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 70; 0;23547
 16; 2678.1; 01-SEP-2006 02:31:19; Bright; 34.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 69; 0;23547
 17; 2975.7; 01-SEP-2006 02:36:17; Bright; 36.5; 89; 5Alp Cep ; 2.45; 8000;occ; 73; 0;23547
 18; 3434.5; 01-SEP-2006 02:43:56; Bright; 32.5; 49; 1Alp UMi ; 1.99; 6300;occ; 65; 0;23547

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 4; -496.7; 01-SEP-2006 03:19:00; Dark ; 41.5; 23; 21Eps CMA ; 1.50; 26000;occ; 83; 0;23547
 5; -401.6; 01-SEP-2006 03:20:35; Dark ; 44.5; 117; Pi Pup ; 2.71; 3800;occ; 89; 0;23547
 6; -277.9; 01-SEP-2006 03:22:39; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;23547
 7; -91.4; 01-SEP-2006 03:25:45; Dark ; 45.5; 2; Alp Car ; -0.74; 7000;occ; 91; 0;23547
 8; 527.5; 01-SEP-2006 03:36:04; Dark ; 39.0; 143; Alp Hyi ; 2.86; 7200;occ; 78; 0;23548
 9; 604.2; 01-SEP-2006 03:37:21; Dark ; 46.5; 9; Alp Eri ; 0.45; 24000;occ; 93; 0;23548
 10; 1084.9; 01-SEP-2006 03:45:22; Dark ; 44.0; 31; Alp Gru ; 1.73; 15200;occ; 88; 0;23548
 11; 1329.7; 01-SEP-2006 03:49:26; Dark ; 48.5; 18; 24Alp PsA ; 1.17; 9700;occ; 97; 0;23548
 12; 1619.6; 01-SEP-2006 03:54:16; Dark ; 53.0; 142; 49Del Cap ; 2.85; 8900;occ; 106; 0;23548
 13; 1807.8; 01-SEP-2006 03:57:24; Bright; 38.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 76; 0;23548
 14; 1896.0; 01-SEP-2006 03:58:53; Bright; 39.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 79; 0;23548
 15; 2075.9; 01-SEP-2006 04:01:53; Bright; 39.0; 61; 8Eps Peg ; 2.10; 3900;occ; 78; 0;23548
 16; 2488.1; 01-SEP-2006 04:08:45; Bright; 34.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 69; 0;23548
 17; 2600.9; 01-SEP-2006 04:10:38; Bright; 35.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 71; 0;23548
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 19; 2976.1; 01-SEP-2006 04:16:53; Bright; 36.0; 89; 5Alp Cep ; 2.45; 8000;occ; 72; 0;23548
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 6; -277.5; 01-SEP-2006 05:03:15; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;23548
 7; -91.0; 01-SEP-2006 05:06:22; Dark ; 54.0; 2; Alp Car ; -0.74; 7000;occ; 108; 0;23548
 8; 527.8; 01-SEP-2006 05:16:40; Dark ; 40.0; 143; Alp Hyi ; 2.86; 7200;occ; 80; 0;23549
 9; 604.8; 01-SEP-2006 05:17:57; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;23549
 10; 1085.1; 01-SEP-2006 05:25:58; Dark ; 43.0; 31; Alp Gru ; 1.73; 15200;occ; 86; 0;23549
 11; 1329.9; 01-SEP-2006 05:30:03; Dark ; 49.0; 18; 24Alp PsA ; 1.17; 9700;occ; 98; 0;23549
 12; 1619.7; 01-SEP-2006 05:34:52; Dark ; 53.0; 142; 49Del Cap ; 2.85; 8900;occ; 106; 0;23549
 13; 1807.9; 01-SEP-2006 05:38:01; Bright; 38.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 76; 0;23549
 14; 1896.0; 01-SEP-2006 05:39:29; Bright; 39.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 79; 0;23549
 15; 2075.9; 01-SEP-2006 05:42:29; Bright; 38.5; 61; 8Eps Peg ; 2.10; 3900;occ; 77; 0;23549
 16; 2488.2; 01-SEP-2006 05:49:21; Bright; 36.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 72; 0;23549
 17; 2601.0; 01-SEP-2006 05:51:14; Bright; 37.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 75; 0;23549
 18; 2678.7; 01-SEP-2006 05:52:31; Bright; 36.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 72; 0;23549
 19; 2976.1; 01-SEP-2006 05:57:29; Bright; 37.0; 89; 5Alp Cep ; 2.45; 8000;occ; 74; 0;23549
 20; 3435.1; 01-SEP-2006 06:05:08; Bright; 35.0; 49; 1Alp UMi ; 1.99; 6300;occ; 70; 0;23549

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 3; -4414.9; 01-SEP-2006 20:40:17; Dark ; 45.5; 142; 49Del Cap ; 2.85; 8900;occ; 91; 0;23558
 4; -4227.1; 01-SEP-2006 20:43:25; Bright; 38.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 76; 0;23558
 5; -4140.1; 01-SEP-2006 20:44:52; Bright; 40.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 81; 0;23558
 6; -3960.3; 01-SEP-2006 20:47:52; Bright; 38.0; 61; 8Eps Peg ; 2.10; 3900;occ; 76; 0;23558

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7;-3547.2; 01-SEP-2006 20:54:45; Bright; 36.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 73; 0;23558
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11;-1581.5; 01-SEP-2006 21:27:30; Bright; 55.0; 24; 66Alp Gem ; 1.58; 10200;occ; 110; 0;23558
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4; -274.0; 01-SEP-2006 21:49:18; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;23558
5; -86.5; 01-SEP-2006 21:52:25; Dark ; 50.0; 2; Alp Car ; -0.74; 7000;occ; 100; 0;23558
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8; 1087.5; 01-SEP-2006 22:11:59; Dark ; 41.0; 31; Alp Gru ; 1.73; 15200;occ; 82; 0;23559
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10; 1621.1; 01-SEP-2006 22:20:53; Dark ; 51.5; 142; 49Del Cap ; 2.85; 8900;occ; 103; 0;23559
11; 1808.8; 01-SEP-2006 22:24:01; Bright; 37.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 74; 0;23559
12; 1895.7; 01-SEP-2006 22:25:28; Bright; 40.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 80; 0;23559
13; 2075.5; 01-SEP-2006 22:28:27; Bright; 38.0; 61; 8Eps Peg ; 2.10; 3900;occ; 76; 0;23559
14; 2488.8; 01-SEP-2006 22:35:21; Bright; 34.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 68; 0;23559
15; 2679.1; 01-SEP-2006 22:38:31; Bright; 37.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 75; 0;23559
16; 2975.1; 01-SEP-2006 22:43:27; Bright; 35.5; 89; 5Alp Cep ; 2.45; 8000;occ; 71; 0;23559
17; 3434.8; 01-SEP-2006 22:51:07; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;23559
18; 4454.3; 01-SEP-2006 23:08:06; Bright; 48.5; 24; 66Alp Gem ; 1.58; 10200;occ; 97; 0;23559
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7; 611.4; 01-SEP-2006 23:44:39; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;23560
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9; 1332.8; 01-SEP-2006 23:56:41; Dark ; 49.5; 18; 24Alp PsA ; 1.17; 9700;occ; 99; 0;23560
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11; 1808.9; 02-SEP-2006 00:04:37; Bright; 37.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 74; 0;23560
12; 1895.7; 02-SEP-2006 00:06:03; Bright; 40.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 80; 0;23560
13; 2075.5; 02-SEP-2006 00:09:03; Bright; 37.5; 61; 8Eps Peg ; 2.10; 3900;occ; 75; 0;23560
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2;-3868.5; 25-SEP-2006 13:12:22; Bright; 35.5; 90; 54Alp Peg ; 2.49; 11000;occ; 71; 0;23897
3;-3645.8; 25-SEP-2006 13:16:05; Bright; 46.0; 93; 53Bet Peg ; 2.52; 3100;occ; 92; 0;23897
4;-3049.7; 25-SEP-2006 13:26:01; Bright; 35.5; 89; 5Alp Cep ; 2.45; 8000;occ; 71; 0;23897
5;-2606.0; 25-SEP-2006 13:33:25; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;23897
6;-2506.8; 25-SEP-2006 13:35:04; Bright; 36.0; 60; 7Bet UMi ; 2.08; 3950;occ; 72; 0;23897
7;-2140.4; 25-SEP-2006 13:41:11; Bright; 36.5; 36; 50Alp UMa ; 1.80; 6300;occ; 73; 0;23897
8;-2051.6; 25-SEP-2006 13:42:39; Bright; 34.0; 82; 48Bet UMa ; 2.37; 10600;occ; 68; 0;23897
9;-1862.0; 25-SEP-2006 13:45:49; Bright; 33.0; 174; 52Psi UMa ; 3.00; 4400;occ; 66; 0;23897
10;-1463.1; 25-SEP-2006 13:52:28; Bright; 33.0; 166; 17Eps Leo ; 2.98; 6000;occ; 66; 0;23897
11; -902.4; 25-SEP-2006 14:01:49; Dark ; 41.5; 48; 30Alp Hya ; 1.98; 4100;occ; 83; 0;23897
12; -320.8; 25-SEP-2006 14:11:30; Dark ; 43.0; 65; Lam Vel ; 2.20; 4400;occ; 86; 0;23897
13; -232.9; 25-SEP-2006 14:12:58; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;23897
14; -122.4; 25-SEP-2006 14:14:49; Dark ; 42.5; 46; Del Vel ; 1.95; 10600;occ; 85; 0;23897
15; -27.7; 25-SEP-2006 14:16:23; Dark ; 46.5; 41; Eps Car ; 1.86; 4100;occ; 93; 0;23897
16; 700.2; 25-SEP-2006 14:28:31; Dark ; 39.0; 143; Alp Hyi ; 2.86; 7200;occ; 78; 0;23898
17; 787.4; 25-SEP-2006 14:29:58; Dark ; 48.0; 9; Alp Eri ; 0.45; 24000;occ; 96; 0;23898
18; 1131.6; 25-SEP-2006 14:35:43; Dark ; 48.5; 63; Bet Gru ; 2.15; 2800;occ; 97; 0;23898
19; 1407.5; 25-SEP-2006 14:40:19; Dark ; 42.5; 18; 24Alp PsA ; 1.17; 9700;occ; 85; 0;23898

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3;-3869.3; 25-SEP-2006 14:52:58; Bright; 37.0; 90; 54Alp Peg ; 2.49; 11000;occ; 74; 0;23898
4;-3646.5; 25-SEP-2006 14:56:41; Bright; 38.0; 93; 53Bet Peg ; 2.52; 3100;occ; 76; 0;23898
5;-3050.0; 25-SEP-2006 15:06:38; Bright; 35.5; 89; 5Alp Cep ; 2.45; 8000;occ; 71; 0;23898
6;-2606.4; 25-SEP-2006 15:14:01; Bright; 34.0; 49; 1Alp UMi ; 1.99; 6300;occ; 68; 0;23898
7;-2507.1; 25-SEP-2006 15:15:40; Bright; 34.5; 60; 7Bet UMi ; 2.08; 3950;occ; 69; 0;23898
8;-2141.0; 25-SEP-2006 15:21:47; Bright; 36.5; 36; 50Alp UMa ; 1.80; 6300;occ; 73; 0;23898
9;-2052.2; 25-SEP-2006 15:23:15; Bright; 37.5; 82; 48Bet UMa ; 2.37; 10600;occ; 75; 0;23898

10;-1862.2; 25-SEP-2006 15:26:25; Bright; 34.5; 174; 52Psi UMA ; 3.00; 4400;occ; 69; 0;23898
 11;-1463.6; 25-SEP-2006 15:33:04; Bright; 33.5; 166; 17Eps Leo ; 2.98; 6000;occ; 67; 0;23898
 12; -902.8; 25-SEP-2006 15:42:25; Dark ; 43.5; 48; 30Alp Hya ; 1.98; 4100;occ; 87; 0;23898
 13; -321.0; 25-SEP-2006 15:52:06; Dark ; 41.5; 65; Lam Vel ; 2.20; 4400;occ; 83; 0;23898
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 17; 700.0; 25-SEP-2006 16:09:08; Dark ; 38.5; 143; Alp Hyi ; 2.86; 7200;occ; 77; 0;23899
 18; 787.3; 25-SEP-2006 16:10:35; Dark ; 40.5; 9; Alp Eri ; 0.45; 24000;occ; 81; 0;23899
 19; 1131.2; 25-SEP-2006 16:16:19; Dark ; 41.5; 63; Bet Gru ; 2.15; 2800;occ; 83; 0;23899

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 3;-3868.7; 25-SEP-2006 16:33:34; Bright; 36.5; 90; 54Alp Peg ; 2.49; 11000;occ; 73; 0;23899
 4;-3646.1; 25-SEP-2006 16:37:17; Bright; 38.0; 93; 53Bet Peg ; 2.52; 3100;occ; 76; 0;23899
 5;-3049.5; 25-SEP-2006 16:47:14; Bright; 34.5; 89; 5Alp Cep ; 2.45; 8000;occ; 69; 0;23899
 6;-2605.8; 25-SEP-2006 16:54:37; Bright; 35.0; 49; 1Alp UMi ; 1.99; 6300;occ; 70; 0;23899
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 11;-1462.9; 25-SEP-2006 17:13:40; Bright; 34.0; 166; 17Eps Leo ; 2.98; 6000;occ; 68; 0;23899
 12; -901.8; 25-SEP-2006 17:23:01; Dark ; 49.0; 48; 30Alp Hya ; 1.98; 4100;occ; 98; 0;23899
 13; -320.2; 25-SEP-2006 17:32:43; Dark ; 48.0; 65; Lam Vel ; 2.20; 4400;occ; 96; 0;23899
 14; -232.3; 25-SEP-2006 17:34:11; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;23899
 15; -121.8; 25-SEP-2006 17:36:01; Dark ; 39.5; 46; Del Vel ; 1.95; 10600;occ; 79; 0;23899
 16; -27.1; 25-SEP-2006 17:37:36; Dark ; 38.0; 41; Eps Car ; 1.86; 4100;occ; 76; 0;23899
 17; 700.9; 25-SEP-2006 17:49:44; Dark ; 38.5; 143; Alp Hyi ; 2.86; 7200;occ; 77; 0;23900
 18; 788.3; 25-SEP-2006 17:51:11; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;23900

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 5;-3646.7; 25-SEP-2006 18:17:53; Bright; 36.0; 93; 53Bet Peg ; 2.52; 3100;occ; 72; 0;23900
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 8;-2506.7; 25-SEP-2006 18:36:53; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;23900
 9;-2140.8; 25-SEP-2006 18:42:59; Bright; 33.5; 36; 50Alp UMA ; 1.80; 6300;occ; 67; 0;23900
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 11;-1861.9; 25-SEP-2006 18:47:38; Bright; 34.5; 174; 52Psi UMA ; 3.00; 4400;occ; 69; 0;23900
 12;-1463.2; 25-SEP-2006 18:54:16; Bright; 31.5; 166; 17Eps Leo ; 2.98; 6000;occ; 63; 0;23900
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 16; -122.0; 25-SEP-2006 19:16:38; Dark ; 39.5; 46; Del Vel ; 1.95; 10600;occ; 79; 0;23900
 17; 700.7; 25-SEP-2006 19:30:20; Dark ; 38.0; 143; Alp Hyi ; 2.86; 7200;occ; 76; 0;23901
 18; 788.2; 25-SEP-2006 19:31:48; Dark ; 51.0; 9; Alp Eri ; 0.45; 24000;occ; 102; 0;23901

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 3; -120.7; 26-SEP-2006 00:18:26; Dark ; 38.5; 46; Del Vel ; 1.95; 10600;occ; 77; 0;23903
 4; -26.0; 26-SEP-2006 00:20:01; Dark ; 44.0; 41; Eps Car ; 1.86; 4100;occ; 88; 0;23903
 5; 702.4; 26-SEP-2006 00:32:09; Dark ; 39.0; 143; Alp Hyi ; 2.86; 7200;occ; 78; 0;23904
 6; 790.0; 26-SEP-2006 00:33:37; Dark ; 43.5; 9; Alp Eri ; 0.45; 24000;occ; 87; 0;23904
 7; 1132.4; 26-SEP-2006 00:39:19; Dark ; 44.5; 63; Bet Gru ; 2.15; 2800;occ; 89; 0;23904
 8; 1408.3; 26-SEP-2006 00:43:55; Dark ; 42.5; 18; 24Alp PsA ; 1.17; 9700;occ; 85; 0;23904
 9; 1928.0; 26-SEP-2006 00:52:35; Bright; 37.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 74; 0;23904
 10; 2167.1; 26-SEP-2006 00:56:34; Bright; 37.0; 90; 54Alp Peg ; 2.49; 11000;occ; 74; 0;23904
 11; 2389.3; 26-SEP-2006 01:00:16; Bright; 37.5; 93; 53Bet Peg ; 2.52; 3100;occ; 75; 0;23904
 12; 2987.3; 26-SEP-2006 01:10:14; Bright; 42.5; 89; 5Alp Cep ; 2.45; 8000;occ; 85; 0;23904
 13; 3429.9; 26-SEP-2006 01:17:37; Bright; 36.5; 49; 1Alp UMi ; 1.99; 6300;occ; 73; 0;23904
 14; 3531.1; 26-SEP-2006 01:19:18; Bright; 36.5; 60; 7Bet UMi ; 2.08; 3950;occ; 73; 0;23904
 15; 3896.1; 26-SEP-2006 01:25:23; Bright; 36.5; 36; 50Alp UMA ; 1.80; 6300;occ; 73; 0;23904
 16; 3985.2; 26-SEP-2006 01:26:52; Bright; 35.0; 82; 48Bet UMA ; 2.37; 10600;occ; 70; 0;23904
 17; 4175.3; 26-SEP-2006 01:30:02; Bright; 34.5; 174; 52Psi UMA ; 3.00; 4400;occ; 69; 0;23904
 18; 4573.9; 26-SEP-2006 01:36:41; Bright; 34.5; 166; 17Eps Leo ; 2.98; 6000;occ; 69; 0;23904
 19; 5135.5; 26-SEP-2006 01:46:02; Dark ; 49.5; 48; 30Alp Hya ; 1.98; 4100;occ; 99; 0;23904

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 4; -120.9; 26-SEP-2006 01:59:02; Dark ; 38.5; 46; Del Vel ; 1.95; 10600;occ; 77; 0;23904
 5; -26.1; 26-SEP-2006 02:00:37; Dark ; 42.0; 41; Eps Car ; 1.86; 4100;occ; 84; 0;23904
 6; 702.3; 26-SEP-2006 02:12:45; Dark ; 39.0; 143; Alp Hyi ; 2.86; 7200;occ; 78; 0;23905
 7; 790.0; 26-SEP-2006 02:14:13; Dark ; 50.5; 9; Alp Eri ; 0.45; 24000;occ; 101; 0;23905
 8; 1132.0; 26-SEP-2006 02:19:55; Dark ; 52.0; 63; Bet Gru ; 2.15; 2800;occ; 104; 0;23905
 9; 1408.0; 26-SEP-2006 02:24:31; Dark ; 43.5; 18; 24Alp PsA ; 1.17; 9700;occ; 87; 0;23905
 10; 1927.6; 26-SEP-2006 02:33:11; Bright; 38.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 76; 0;23905
 11; 2166.6; 26-SEP-2006 02:37:10; Bright; 36.0; 90; 54Alp Peg ; 2.49; 11000;occ; 72; 0;23905
 12; 2388.7; 26-SEP-2006 02:40:52; Bright; 39.5; 93; 53Bet Peg ; 2.52; 3100;occ; 79; 0;23905
 13; 2986.9; 26-SEP-2006 02:50:50; Bright; 41.0; 89; 5Alp Cep ; 2.45; 8000;occ; 82; 0;23905
 14; 3429.5; 26-SEP-2006 02:58:13; Bright; 36.0; 49; 1Alp UMi ; 1.99; 6300;occ; 72; 0;23905
 15; 3530.7; 26-SEP-2006 02:59:54; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;23905

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 4;-1860.4; 26-SEP-2006 03:10:38; Bright; 33.5; 174; 52Psi UMA ; 3.00; 4400;occ; 67; 0;23905
 5;-1461.9; 26-SEP-2006 03:17:17; Bright; 33.5; 166; 17Eps Leo ; 2.98; 6000;occ; 67; 0;23905
 6; -899.9; 26-SEP-2006 03:26:39; Dark ; 47.0; 48; 30Alp Hya ; 1.98; 4100;occ; 94; 0;23905
 7; -318.3; 26-SEP-2006 03:36:20; Dark ; 45.5; 65; Lam Vel ; 2.20; 4400;occ; 91; 0;23905
 8; -230.2; 26-SEP-2006 03:37:48; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;23905
 9; -119.9; 26-SEP-2006 03:39:39; Dark ; 40.5; 46; Del Vel ; 1.95; 10600;occ; 81; 0;23905
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 11; 703.5; 26-SEP-2006 03:53:22; Dark ; 38.5; 143; Alp Hyi ; 2.86; 7200;occ; 77; 0;23906
 12; 790.9; 26-SEP-2006 03:54:49; Dark ; 48.0; 9; Alp Eri ; 0.45; 24000;occ; 96; 0;23906
 13; 1132.9; 26-SEP-2006 04:00:31; Dark ; 52.0; 63; Bet Gru ; 2.15; 2800;occ; 104; 0;23906
 14; 1408.9; 26-SEP-2006 04:05:07; Dark ; 43.0; 18; 24Alp PsA ; 1.17; 9700;occ; 86; 0;23906
 15; 1928.5; 26-SEP-2006 04:13:47; Bright; 37.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 75; 0;23906
 16; 2167.3; 26-SEP-2006 04:17:46; Bright; 35.5; 90; 54Alp Peg ; 2.49; 11000;occ; 71; 0;23906
 17; 2389.4; 26-SEP-2006 04:21:28; Bright; 35.5; 93; 53Bet Peg ; 2.52; 3100;occ; 71; 0;23906
 18; 2987.7; 26-SEP-2006 04:31:26; Bright; 33.0; 89; 5Alp Cep ; 2.45; 8000;occ; 66; 0;23906
 19; 3430.0; 26-SEP-2006 04:38:49; Bright; 35.0; 49; 1Alp UMi ; 1.99; 6300;occ; 70; 0;23906
 20; 3531.9; 26-SEP-2006 04:40:30; Bright; 36.0; 60; 7Bet UMi ; 2.08; 3950;occ; 72; 0;23906

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 3;-1860.1; 26-SEP-2006 04:51:14; Bright; 34.0; 174; 52Psi UMA ; 3.00; 4400;occ; 68; 0;23906
 4;-1461.4; 26-SEP-2006 04:57:53; Bright; 34.0; 166; 17Eps Leo ; 2.98; 6000;occ; 68; 0;23906
 5; -899.5; 26-SEP-2006 05:07:15; Dark ; 42.5; 48; 30Alp Hya ; 1.98; 4100;occ; 85; 0;23906
 6; -318.1; 26-SEP-2006 05:16:56; Dark ; 42.5; 65; Lam Vel ; 2.20; 4400;occ; 85; 0;23906
 7; -229.9; 26-SEP-2006 05:18:25; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;23906
 8; -119.6; 26-SEP-2006 05:20:15; Dark ; 42.0; 46; Del Vel ; 1.95; 10600;occ; 84; 0;23906
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 10; 703.9; 26-SEP-2006 05:33:58; Dark ; 38.0; 143; Alp Hyi ; 2.86; 7200;occ; 76; 0;23907
 11; 791.3; 26-SEP-2006 05:35:26; Dark ; 43.5; 9; Alp Eri ; 0.45; 24000;occ; 87; 0;23907
 12; 1133.1; 26-SEP-2006 05:41:08; Dark ; 50.5; 63; Bet Gru ; 2.15; 2800;occ; 101; 0;23907
 13; 1409.1; 26-SEP-2006 05:45:44; Dark ; 40.0; 18; 24Alp PsA ; 1.17; 9700;occ; 80; 0;23907
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 15; 2167.2; 26-SEP-2006 05:58:22; Bright; 37.0; 90; 54Alp Peg ; 2.49; 11000;occ; 74; 0;23907
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 18; 3430.2; 26-SEP-2006 06:19:25; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;23907
 19; 3532.2; 26-SEP-2006 06:21:07; Bright; 34.5; 60; 7Bet UMi ; 2.08; 3950;occ; 69; 0;23907

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 3;-1859.9; 26-SEP-2006 06:31:51; Bright; 35.0; 174; 52Psi UMA ; 3.00; 4400;occ; 70; 0;23907
 4;-1461.0; 26-SEP-2006 06:38:29; Bright; 33.5; 166; 17Eps Leo ; 2.98; 6000;occ; 67; 0;23907
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 6; -317.7; 26-SEP-2006 06:57:33; Dark ; 46.5; 65; Lam Vel ; 2.20; 4400;occ; 93; 0;23907
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