

0. SCIAMACHY Daily Report for Level 0 products

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0.1 General Info

This report contains a daily analysis on parameters extracted from SCIAMACHY Level 0 data (the SCI_NL__0P product).

0.1.1 Report summary

The table below shows general characteristics of the data that are included into this report.

Item	Value
Report version	v1.4 20100407
Time of report generation	09SEP2010 02:13:06
Data source version	<Any version>
Processing scope for products	02SEP2010 00:00:00 to 03SEP2010 00:00:00
Start time of first product within scope	02SEP2010 00:45:58
Stop time of last product within scope	03SEP2010 00:14:28
Total number of Level 0 products	15
Number of Level 0 products with errors	0

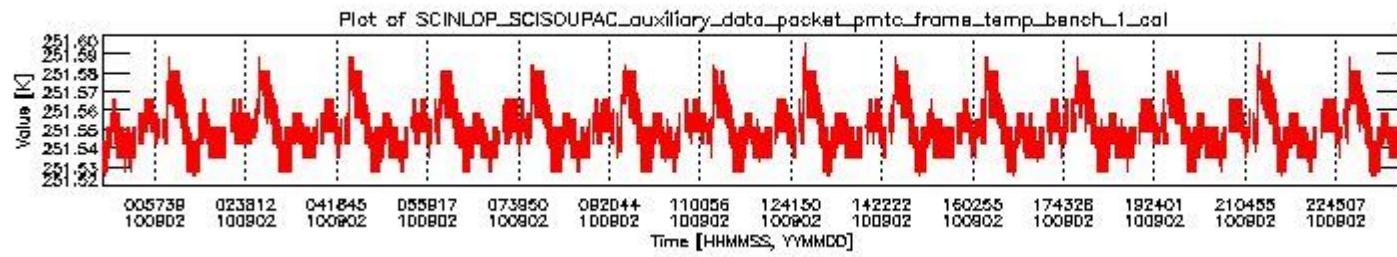
0.1.2 Summary per product

The following table shows a summary for each product used in this report.

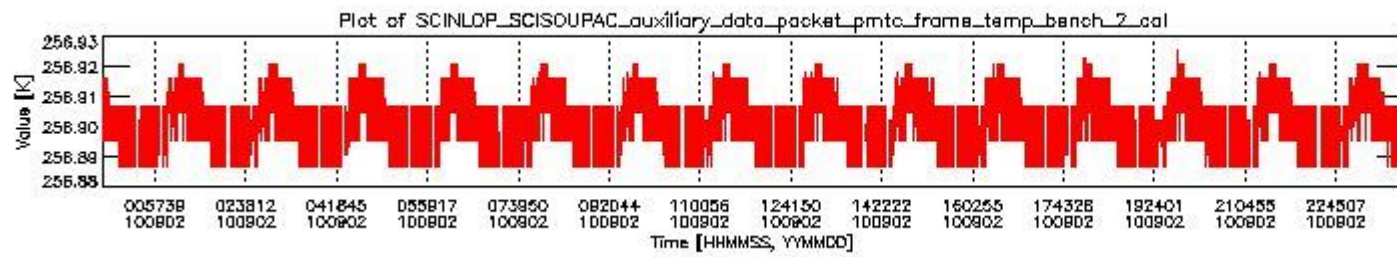
#	Product name	Start time	Stop time	Prod err	ISP err sign	ISP miss sign	ISP disc sign	rs sign
0	SCI_NL__OPNPDE20100902_004558_000058292092_00331_44473_2256.N1	02SEP2010 00:45:58	02SEP2010 02:23:07	0	0	0	0	0
1	SCI_NL__OPNPDE20100902_022138_000045672092_00332_44474_2257.N1	02SEP2010 02:21:38	02SEP2010 03:37:46	0	0	0	0	0
2	SCI_NL__OPNPDE20100902_033650_000061612092_00333_44475_2258.N1	02SEP2010 03:36:50	02SEP2010 05:19:31	0	0	0	0	0
3	SCI_NL__OPNPDE20100902_051931_000059682092_00334_44476_2259.N1	02SEP2010 05:19:31	02SEP2010 06:58:59	0	0	0	0	0
4	SCI_NL__OPNPDK20100902_065859_000041142092_00335_44477_2361.N1	02SEP2010 06:58:59	02SEP2010 08:07:33	0	0	0	0	0
5	SCI_NL__OPNPDK20100902_080637_000062172092_00336_44478_2362.N1	02SEP2010 08:06:37	02SEP2010 09:50:13	0	0	0	0	0
6	SCI_NL__OPNPDK20100902_094905_000059802092_00337_44479_2363.N1	02SEP2010 09:49:05	02SEP2010 11:28:45	0	0	0	0	0
7	SCI_NL__OPNPDK20100902_112845_000059682092_00338_44480_2364.N1	02SEP2010 11:28:45	02SEP2010 13:08:13	0	0	0	0	0
8	SCI_NL__OPNPDK20100902_130717_000059122092_00339_44481_2365.N1	02SEP2010 13:07:17	02SEP2010 14:45:49	0	0	0	0	0
9	SCI_NL__OPNPDK20100902_144345_000059122092_00340_44482_2366.N1	02SEP2010 14:43:45	02SEP2010 16:22:17	0	0	0	0	0
10	SCI_NL__OPNPDK20100902_162108_000060692092_00341_44483_2367.N1	02SEP2010 16:21:08	02SEP2010 18:02:17	0	0	0	0	0
11	SCI_NL__OPNPDK20100902_180109_000058692092_00342_44484_2368.N1	02SEP2010 18:01:09	02SEP2010 19:38:57	0	0	0	0	0
12	SCI_NL__OPNPDE20100902_193620_000042762092_00343_44485_2260.N1	02SEP2010 19:36:20	02SEP2010 20:47:36	0	0	0	0	0
13	SCI_NL__OPNPDE20100902_204736_000063362092_00343_44485_2261.N1	02SEP2010 20:47:36	02SEP2010 22:33:12	0	0	0	0	0
14	SCI_NL__OPNPDE20100902_223312_000060762092_00344_44486_2262.N1	02SEP2010 22:33:12	03SEP2010 00:14:28	0	0	0	0	0

0.2 Product Quality Indicators

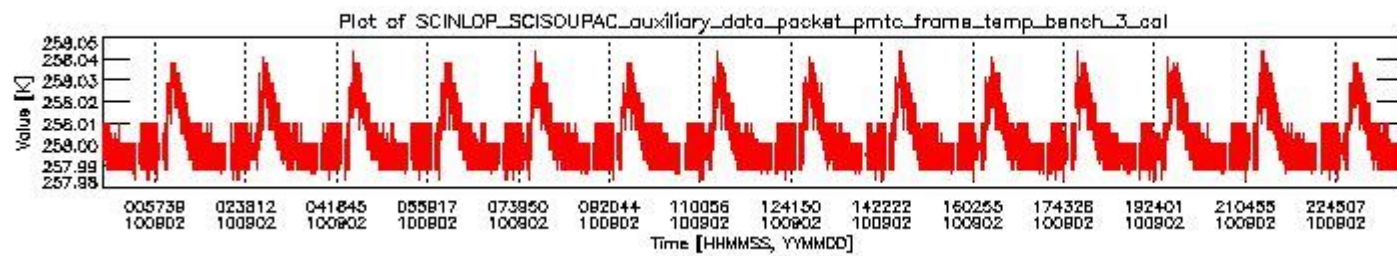
This section shows information about product quality, currently temperatures.



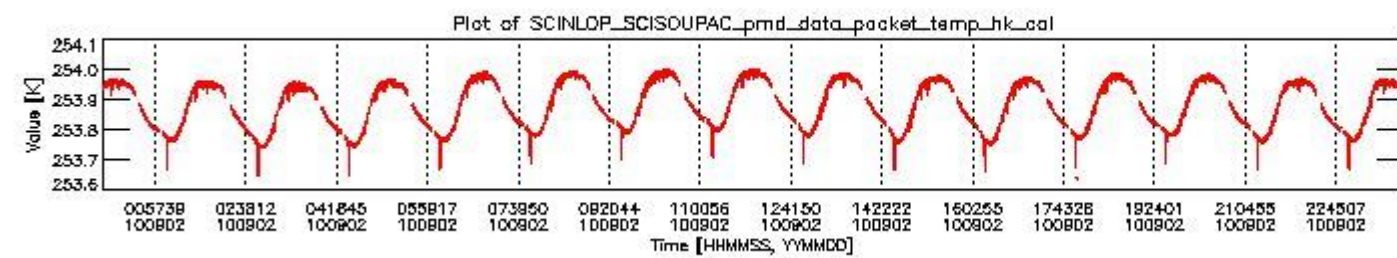
sciamachy_daily_report_level0_Any_version_20100902_0.PNG



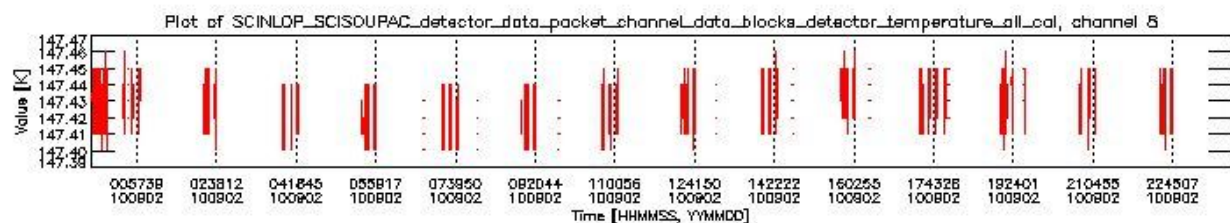
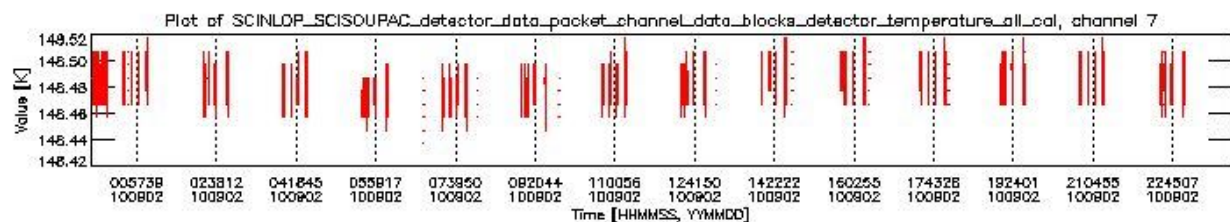
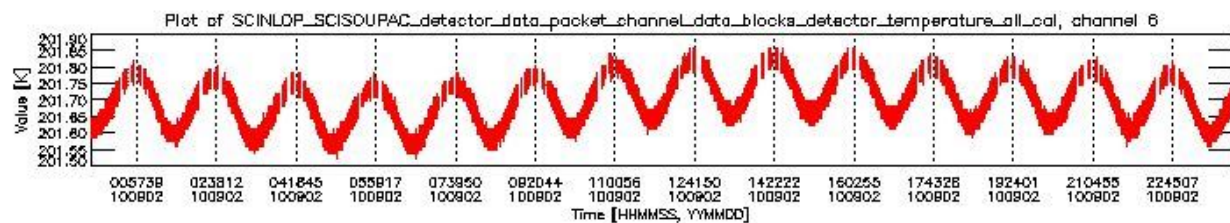
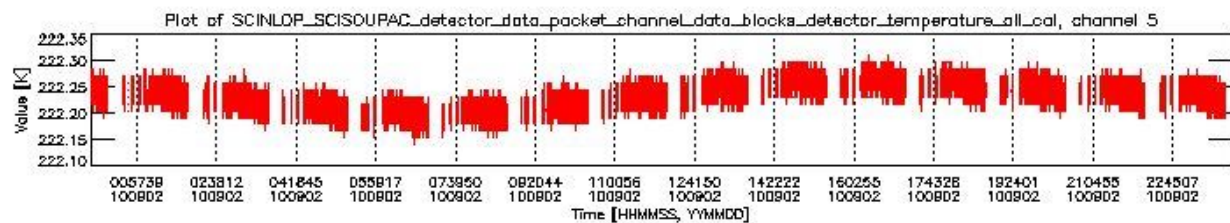
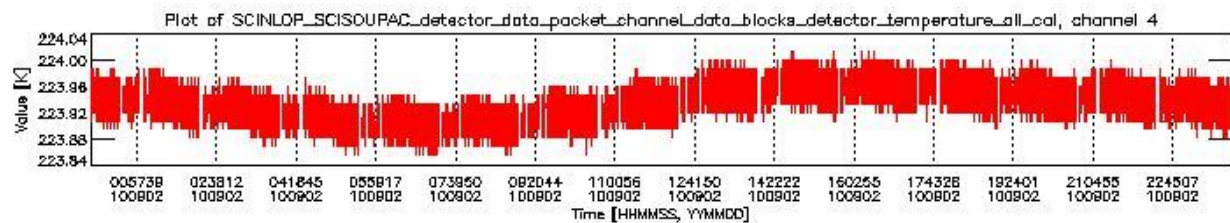
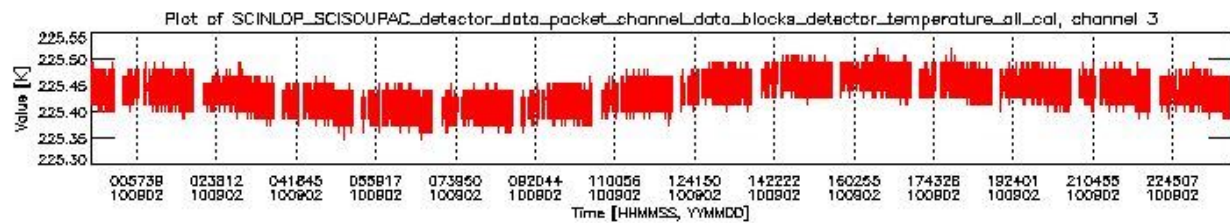
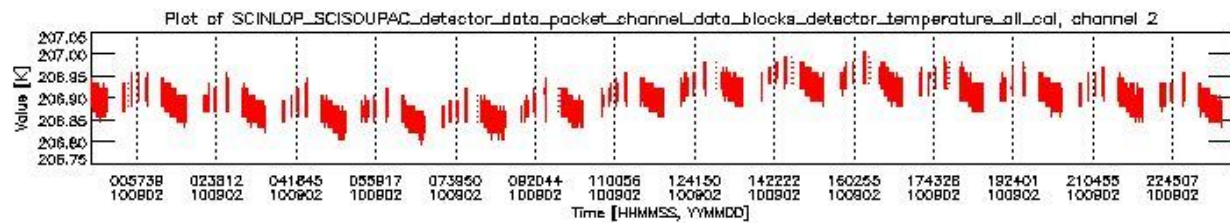
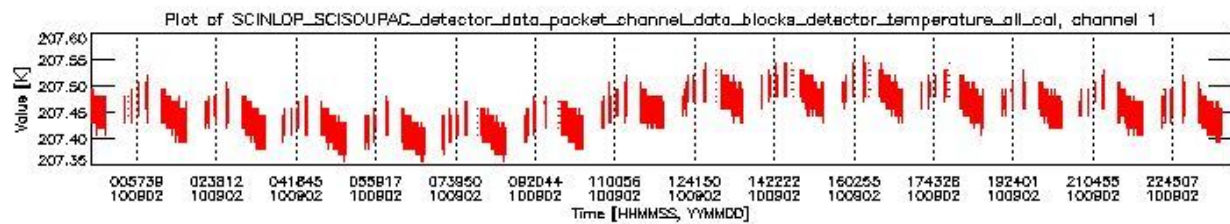
sciamachy_daily_report_level0_Any_version_20100902_1.PNG



sciamachy_daily_report_level0_Any_version_20100902_2.PNG



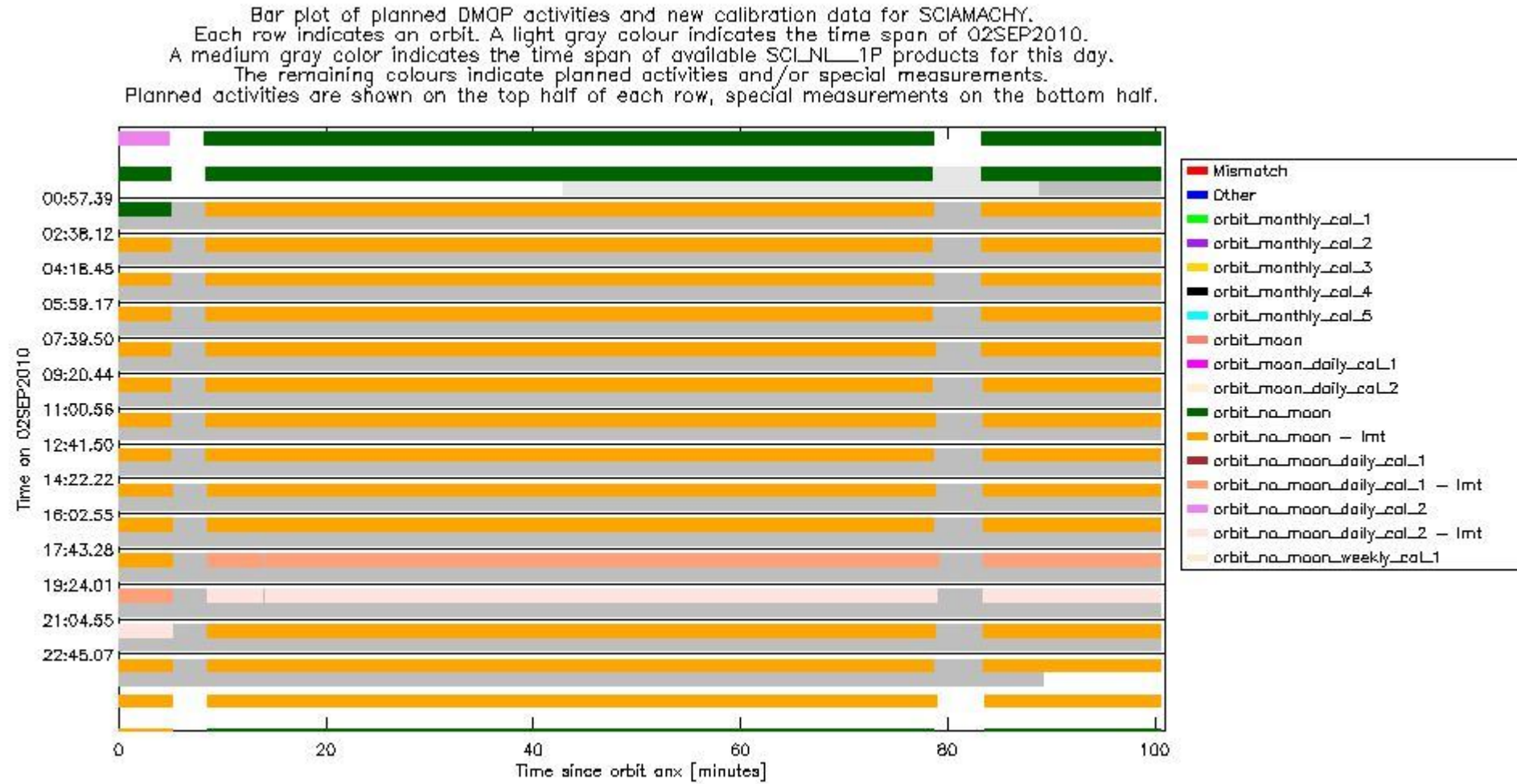
sciamachy_daily_report_level0_Any_version_20100902_3.PNG



0.3 State monitoring

No instrument tracking information available. This section gives an analysis of the DMOP execution. The execution is monitored by assigning various activities to timeline sequences found in the DMOP file, and by checking where "NEW" datasets are available in SCI_NL__1P products.

The following plot gives an overview of planned activities and actual state IDs in the Level 0 products. The planning is taken from the DMOP files, and interpreted using information from OSDF files.



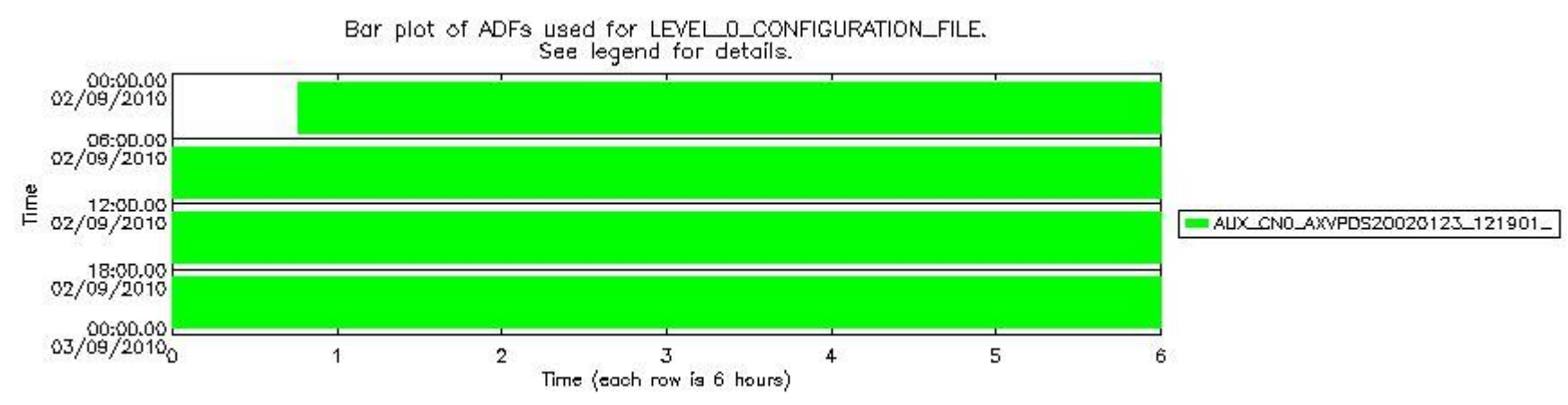
0.4 ADF monitoring

This section shows the (variation in) ADFs used for each of the products. It consists of:

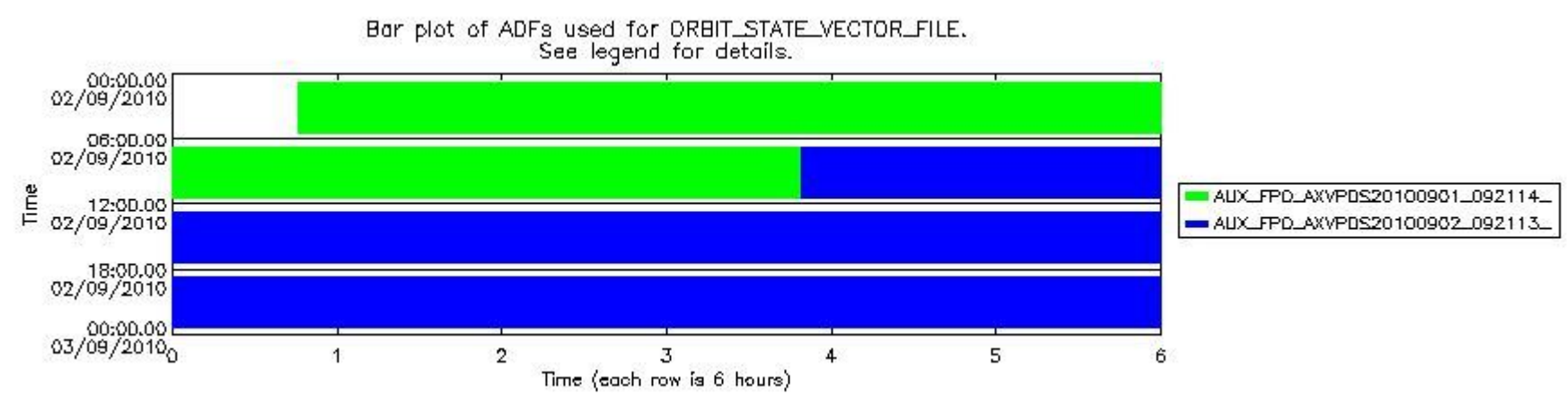
- A table showing which ADFs were used for processing (red values indicate that multiple ADFs of the same type were used)
- Various time line plots, one for each ADF, showing when and which ADF was used.

If multiple ADFs of a single type were used, these are marked **red** in the table.

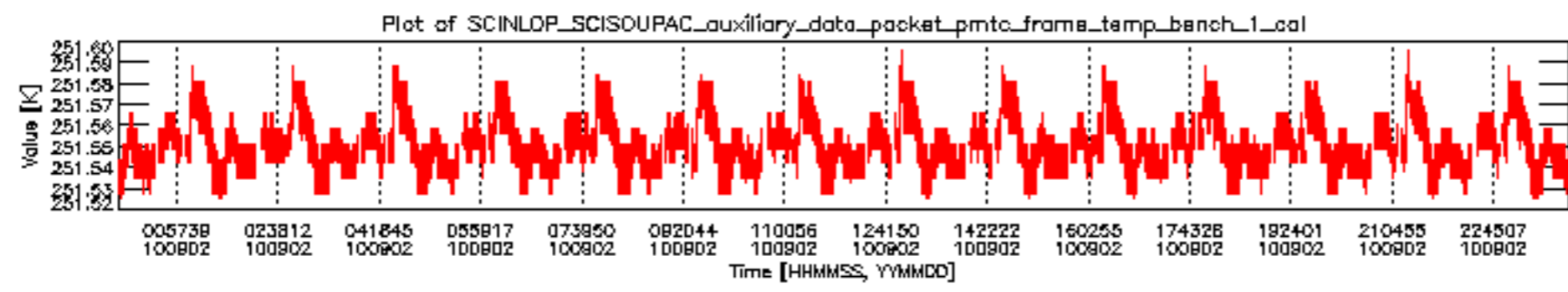
Number	ADF
	CNO (LEVEL_0_CONFIGURATION_FILE)
0	AUX_CNO_AXVPDS20020123_121901_20020101_000000_20200101_000000
	FPO (ORBIT_STATE_VECTOR_FILE)
1	AUX_FPO_AXVPDS20100901_092114_20100831_184648_20100910_201301
2	AUX_FPO_AXVPDS20100902_092113_20100901_195547_20100911_212200

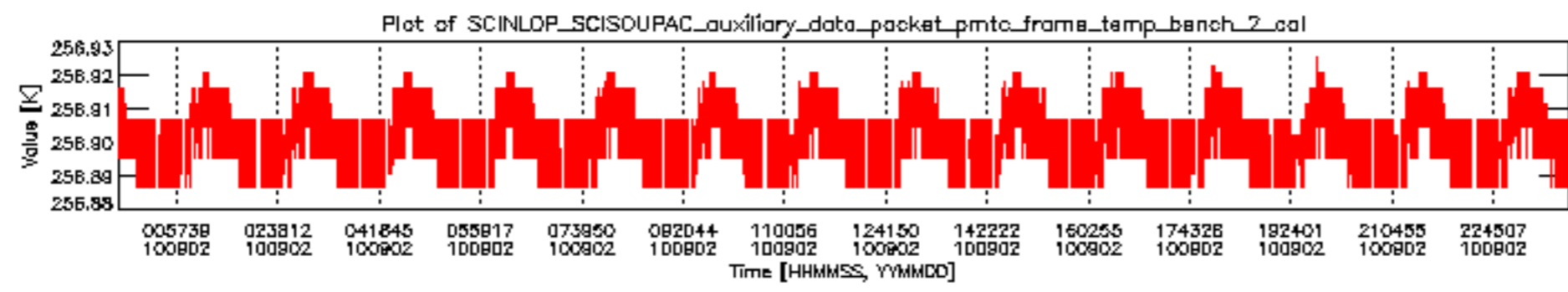


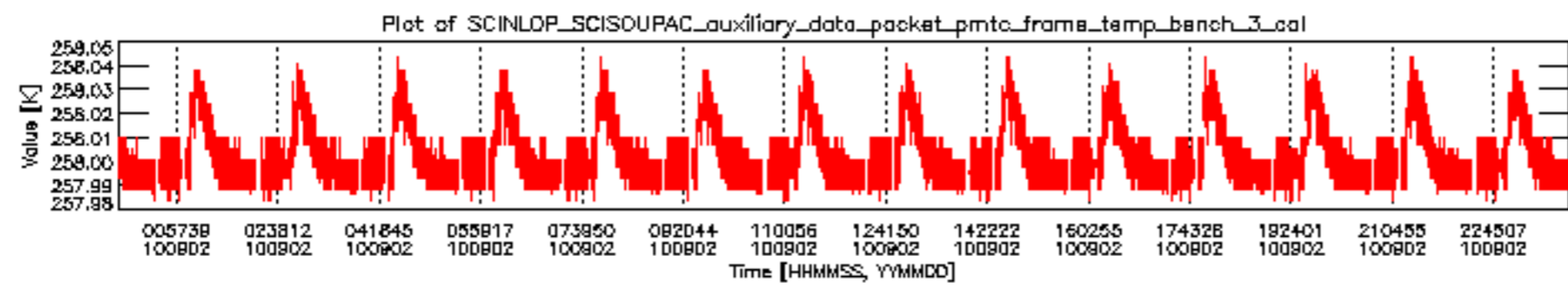
sciamachy_daily_report_level0_Any_version_20100902_6.PNG

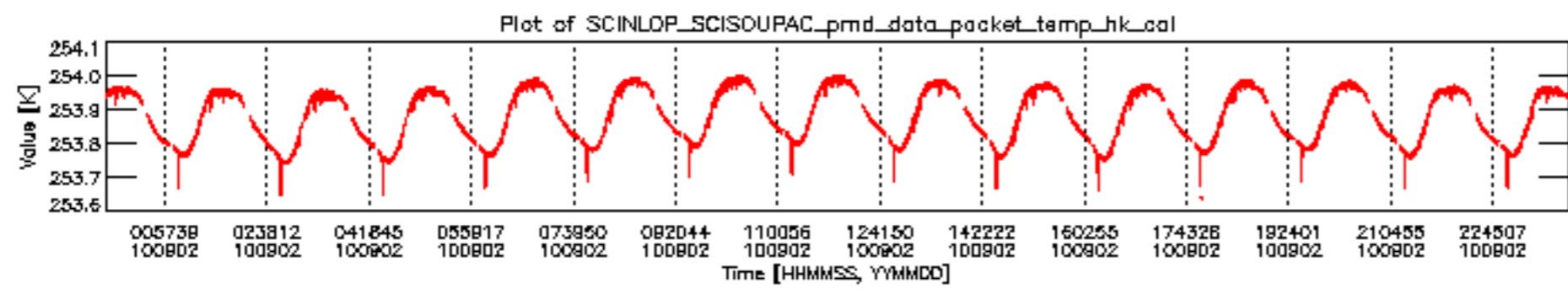


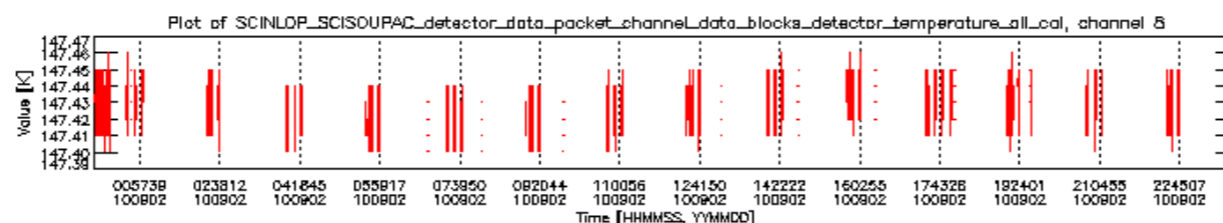
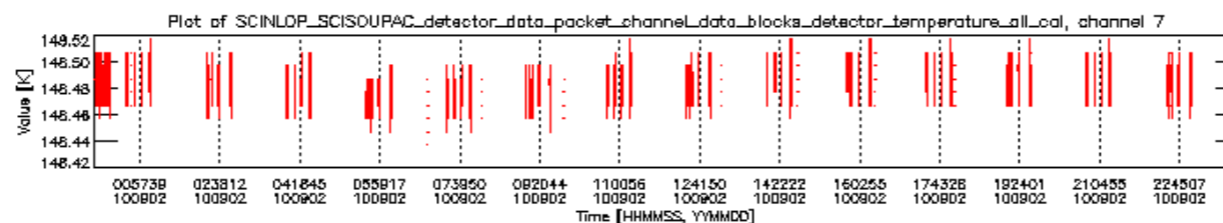
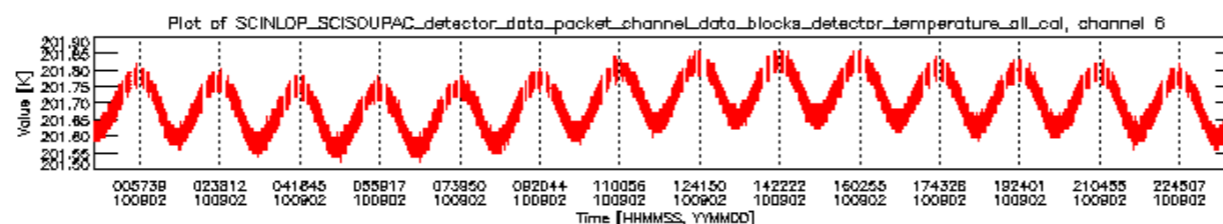
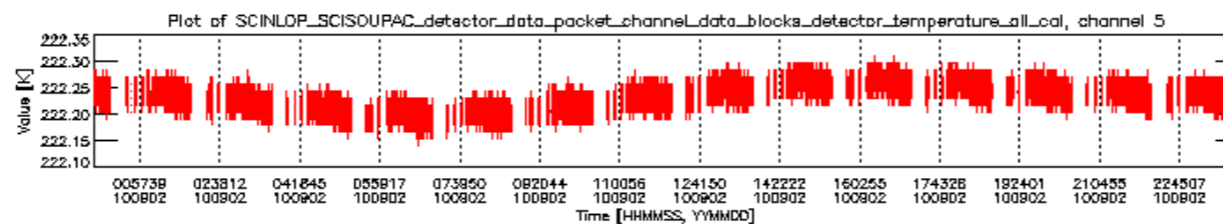
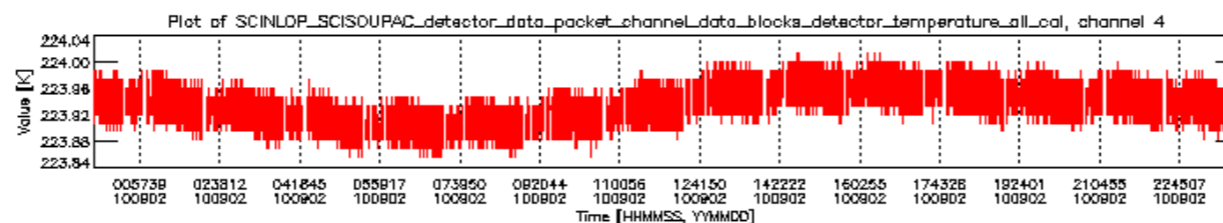
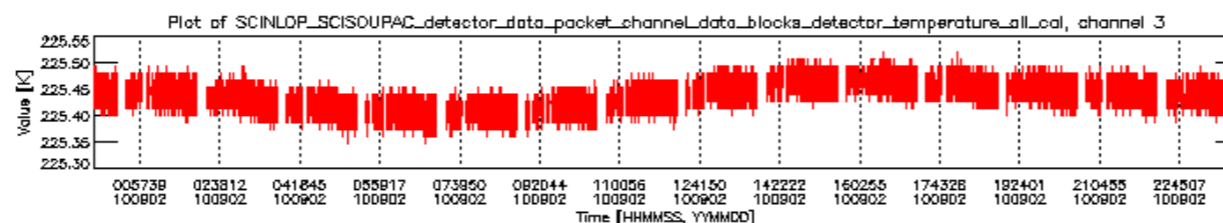
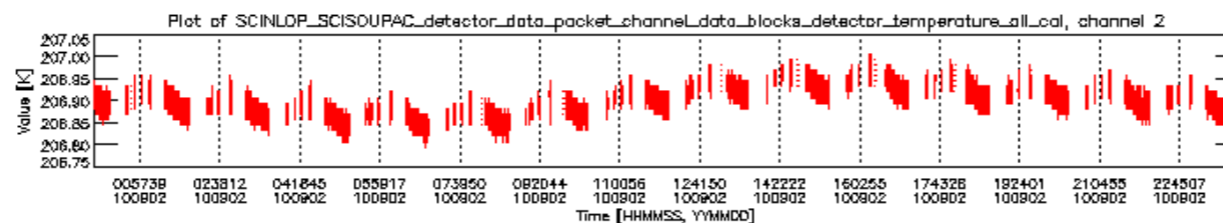
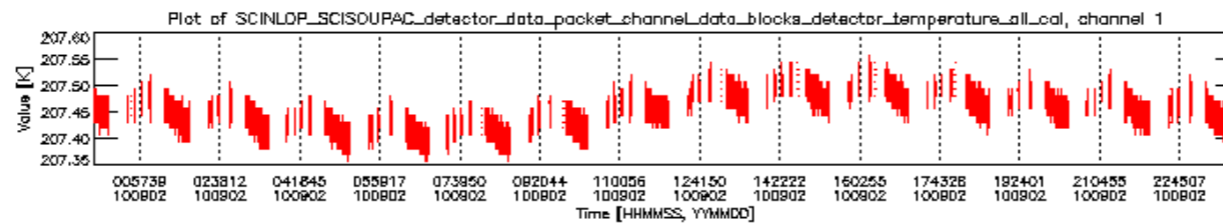
sciamachy_daily_report_level0_Any_version_20100902_7.PNG



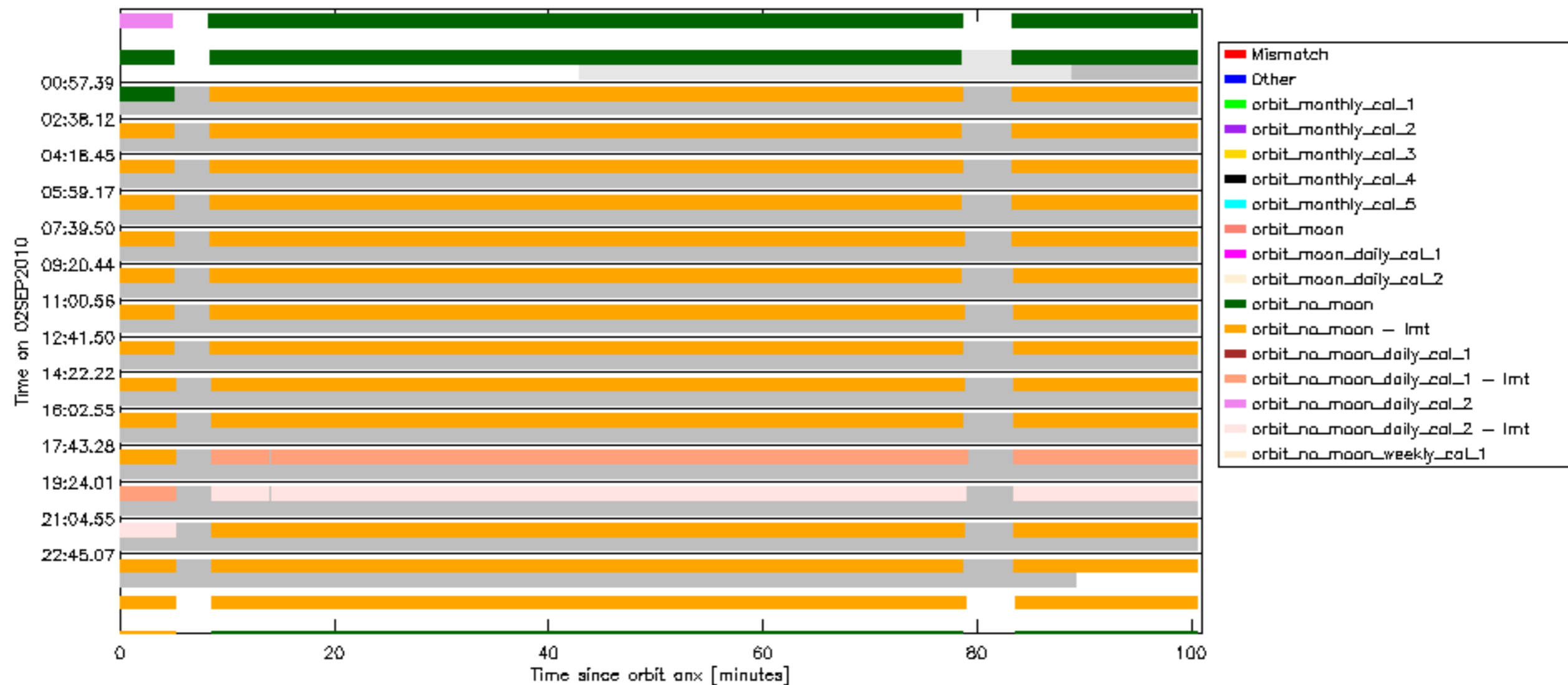


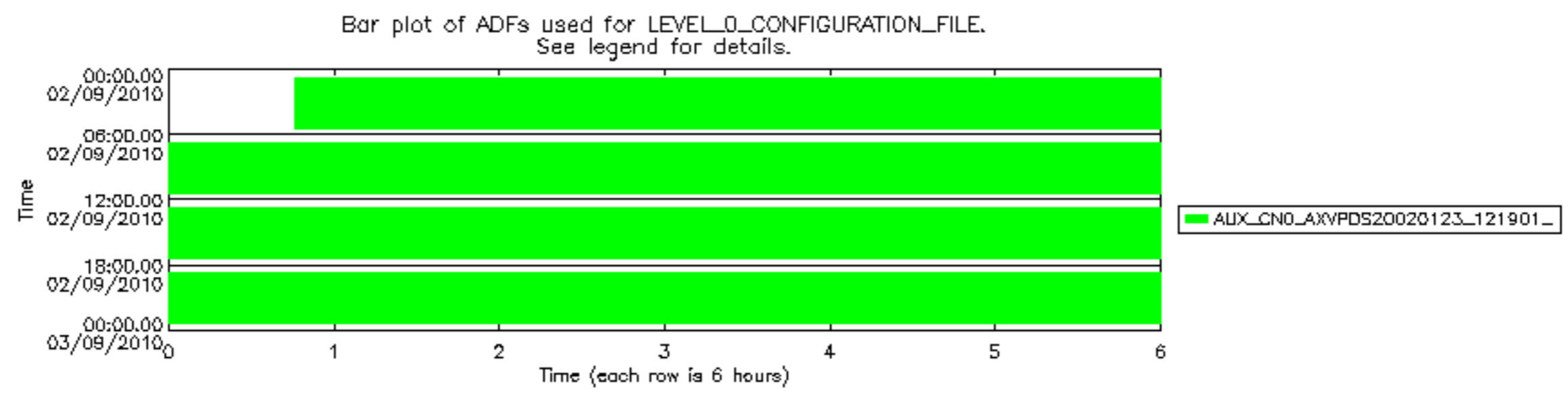






Bar plot of planned DMOP activities and new calibration data for SCIAMACHY.
 Each row indicates an orbit. A light gray colour indicates the time span of 02SEP2010.
 A medium gray color indicates the time span of available SCI_NL_1P products for this day.
 The remaining colours indicate planned activities and/or special measurements.
 Planned activities are shown on the top half of each row, special measurements on the bottom half.





Bar plot of ADFs used for ORBIT_STATE_VECTOR_FILE.
See legend for details.

