

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	v1.3 20060731
Time of report generation	22DEC2008 18:36:28
Data source version	KSPT_L0/4303-N
Processing scope for products	14DEC2008 00:00:00 to 15DEC2008 00:00:00
Start time of first product within scope	13DEC2008 23:15:46
Stop time of last product within scope	15DEC2008 00:18:30
Total number of level 0 products	16
Number of level 0 products with errors	0

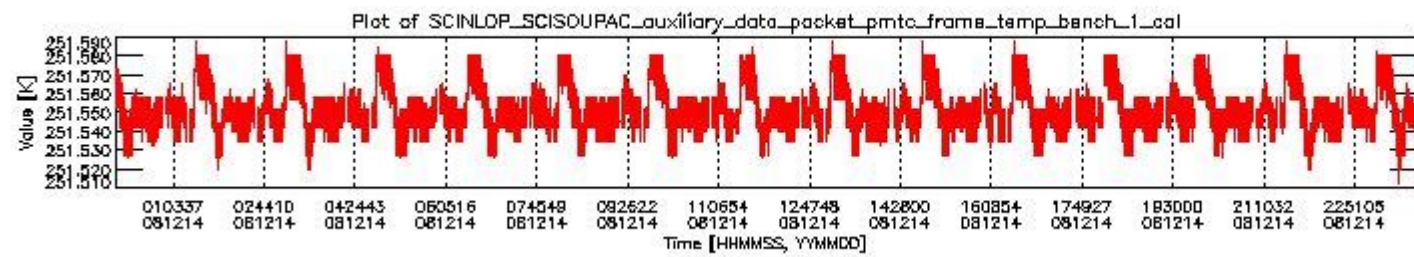
0.1.2 Summary per product

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

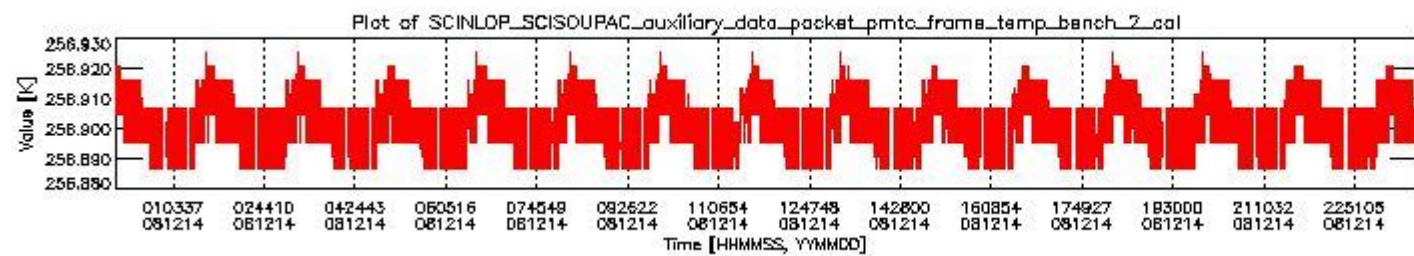
#	Product name	Start time	Stop time	Prod err	ISP err sign	ISP miss sign	ISP disc sign	rs sign
0	SCI_NL__OPNPDE20081213_231546_000056612074_00373_35497_8090.N1	13DEC2008 23:15:46	14DEC2008 00:50:06	0	0	0	0	0
1	SCI_NL__OPNPDE20081214_005006_000047112074_00374_35498_8091.N1	14DEC2008 00:50:06	14DEC2008 02:08:37	0	0	0	0	0
2	SCI_NL__OPNPDE20081214_020741_000058122074_00375_35499_8092.N1	14DEC2008 02:07:41	14DEC2008 03:44:34	0	0	0	0	0
3	SCI_NL__OPNPDE20081214_034434_000060922074_00376_35500_8093.N1	14DEC2008 03:44:34	14DEC2008 05:26:06	0	0	0	0	0
4	SCI_NL__OPNPDE20081214_052510_000060922074_00377_35501_8094.N1	14DEC2008 05:25:10	14DEC2008 07:06:42	0	0	0	0	0
5	SCI_NL__OPNPDK20081214_070546_000040802074_00378_35502_0183.N1	14DEC2008 07:05:46	14DEC2008 08:13:46	0	0	0	0	0
6	SCI_NL__OPNPDK20081214_081154_000062592074_00379_35503_0184.N1	14DEC2008 08:11:54	14DEC2008 09:56:14	0	0	0	0	0
7	SCI_NL__OPNPDK20081214_095518_000059242074_00380_35504_0185.N1	14DEC2008 09:55:18	14DEC2008 11:34:02	0	0	0	0	0
8	SCI_NL__OPNPDK20081214_113306_000059802074_00381_35505_0186.N1	14DEC2008 11:33:06	14DEC2008 13:12:46	0	0	0	0	0
9	SCI_NL__OPNPDK20081214_131150_000058982074_00382_35506_0187.N1	14DEC2008 13:11:50	14DEC2008 14:50:09	0	0	0	0	0
10	SCI_NL__OPNPDK20081214_145009_000060362074_00383_35507_0188.N1	14DEC2008 14:50:09	14DEC2008 16:30:45	0	0	0	0	0
11	SCI_NL__OPNPDK20081214_162948_000059242074_00384_35508_0189.N1	14DEC2008 16:29:48	14DEC2008 18:08:32	0	0	0	0	0
12	SCI_NL__OPNPDK20081214_180736_000057672074_00385_35509_0190.N1	14DEC2008 18:07:36	14DEC2008 19:43:43	0	0	0	0	0
13	SCI_NL__OPNPDE20081214_194343_000042332074_00386_35510_8095.N1	14DEC2008 19:43:43	14DEC2008 20:54:16	0	0	0	0	0
14	SCI_NL__OPNPDE20081214_205307_000062742074_00386_35510_8096.N1	14DEC2008 20:53:07	14DEC2008 22:37:41	0	0	0	0	0
15	SCI_NL__OPNPDE20081214_224411_000056602074_00387_35511_8097.N1	14DEC2008 22:44:11	15DEC2008 00:18:30	0	0	0	0	0

0.2 Product Quality Indicators

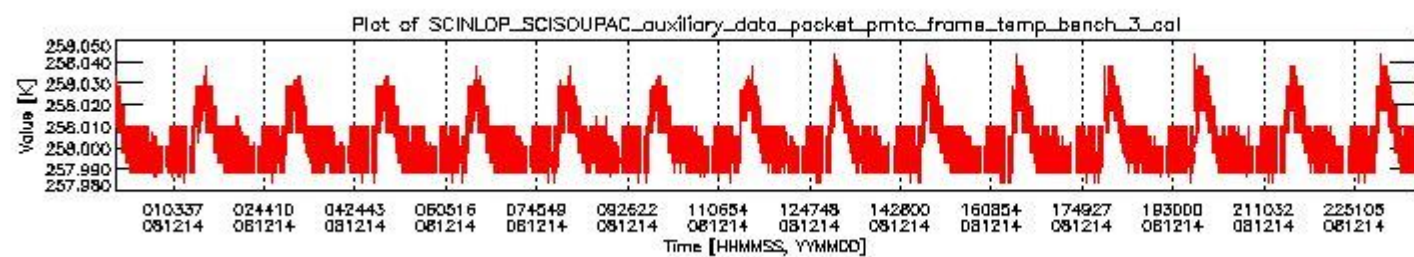
This section shows information about product quality, currently temperatures.



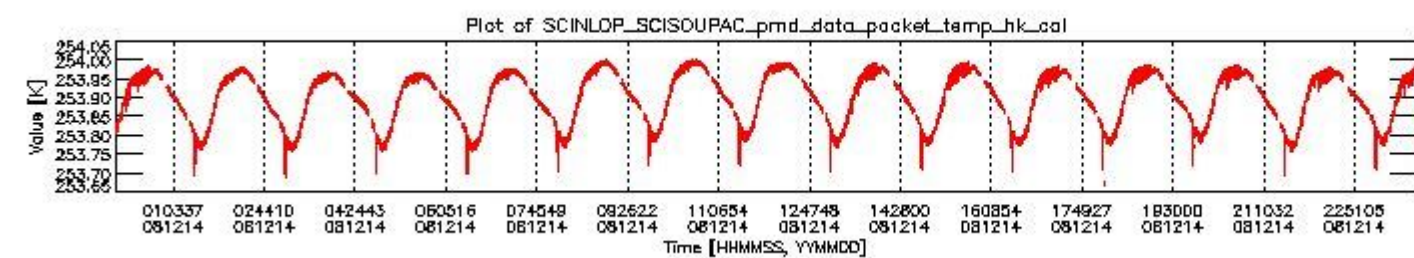
sciamachy_daily_report_level0_KSPT_L0_4303_N_20081214_0.PNG



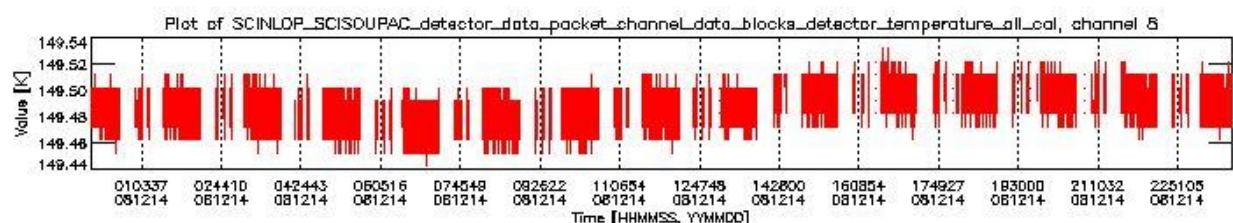
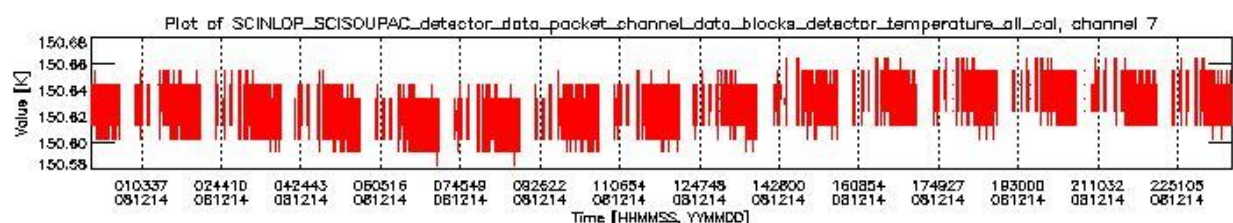
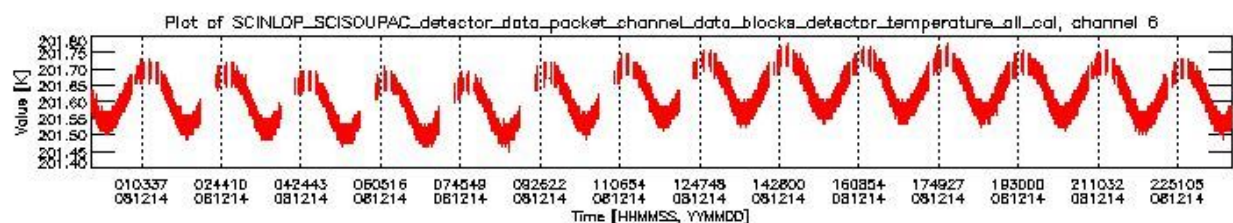
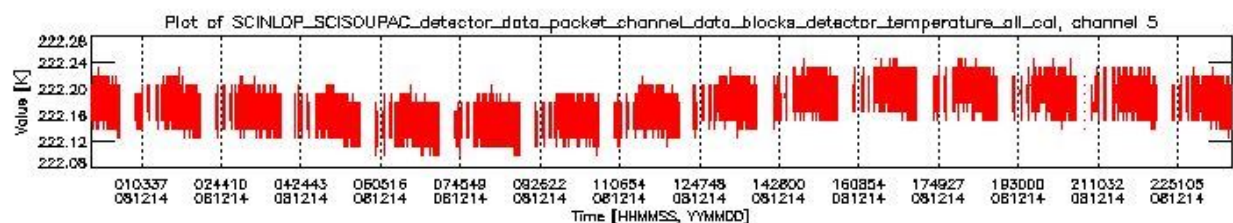
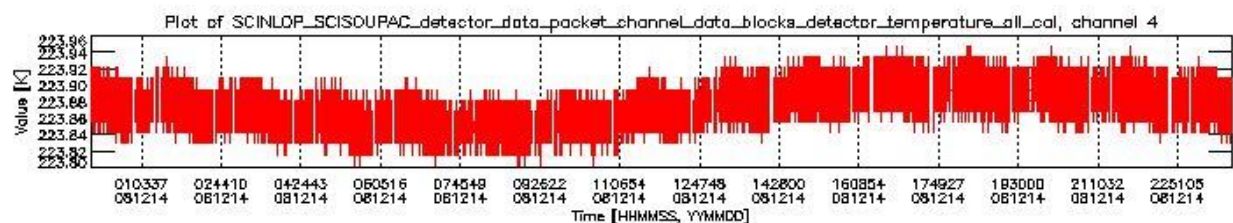
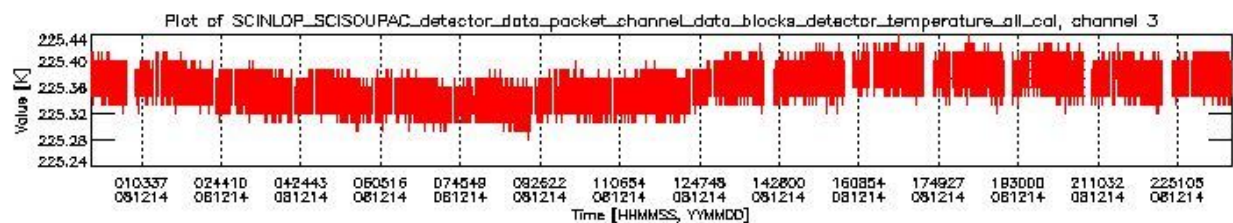
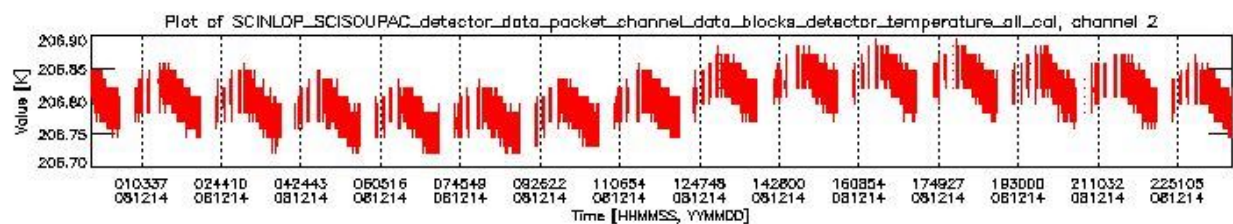
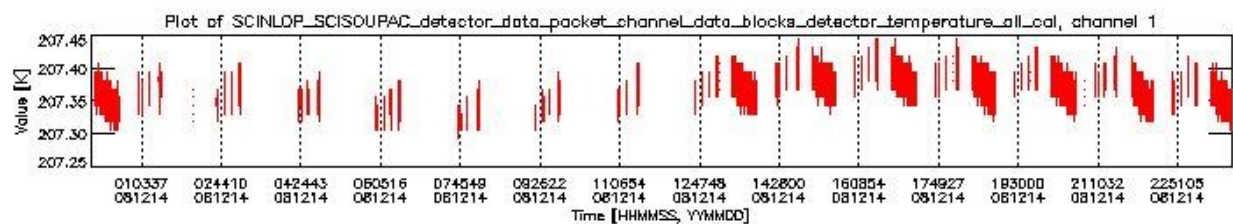
sciamachy_daily_report_level0_KSPT_L0_4303_N_20081214_1.PNG



sciamachy_daily_report_level0_KSPT_L0_4303_N_20081214_2.PNG



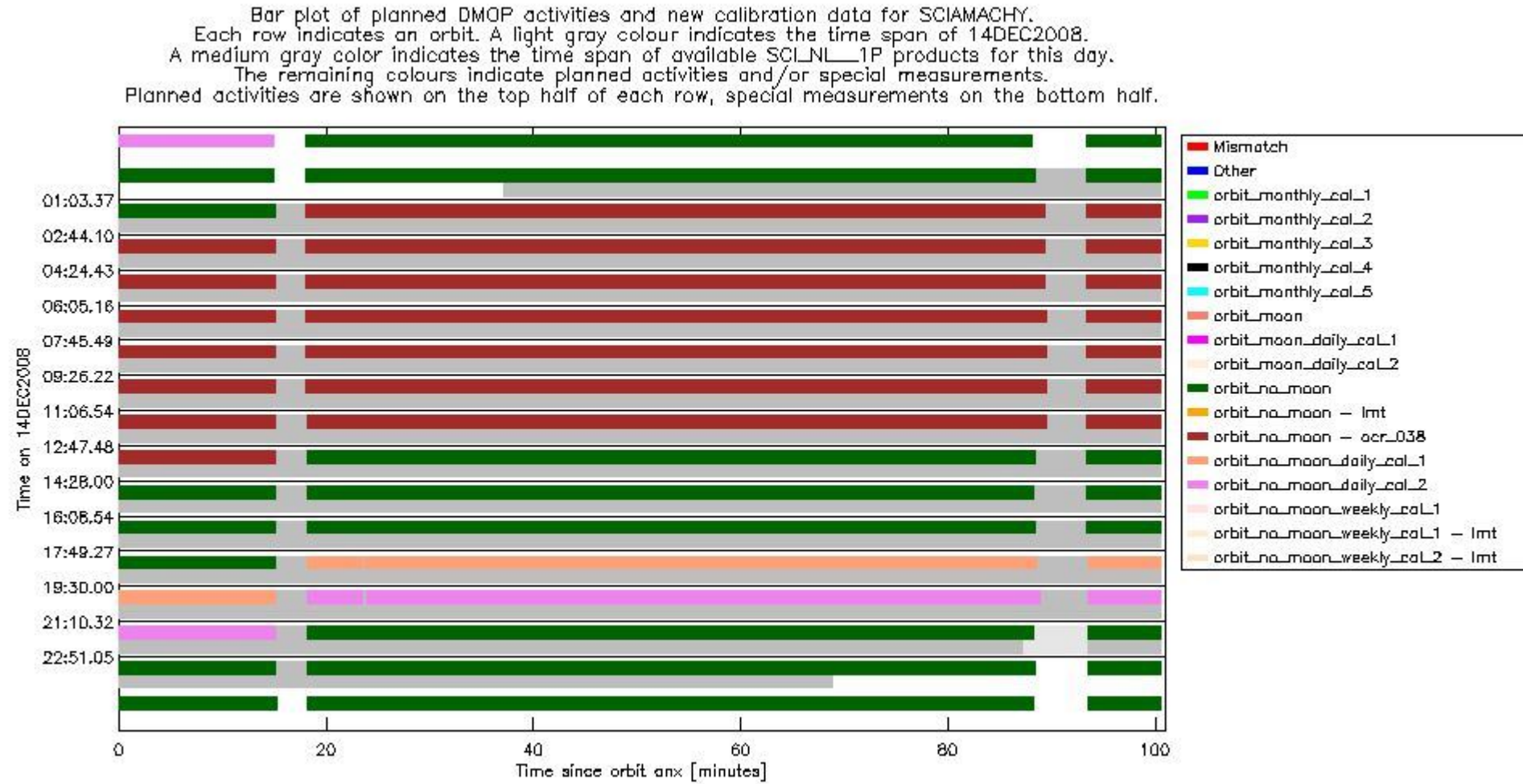
sciamachy_daily_report_level0_KSPT_L0_4303_N_20081214_3.PNG



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.



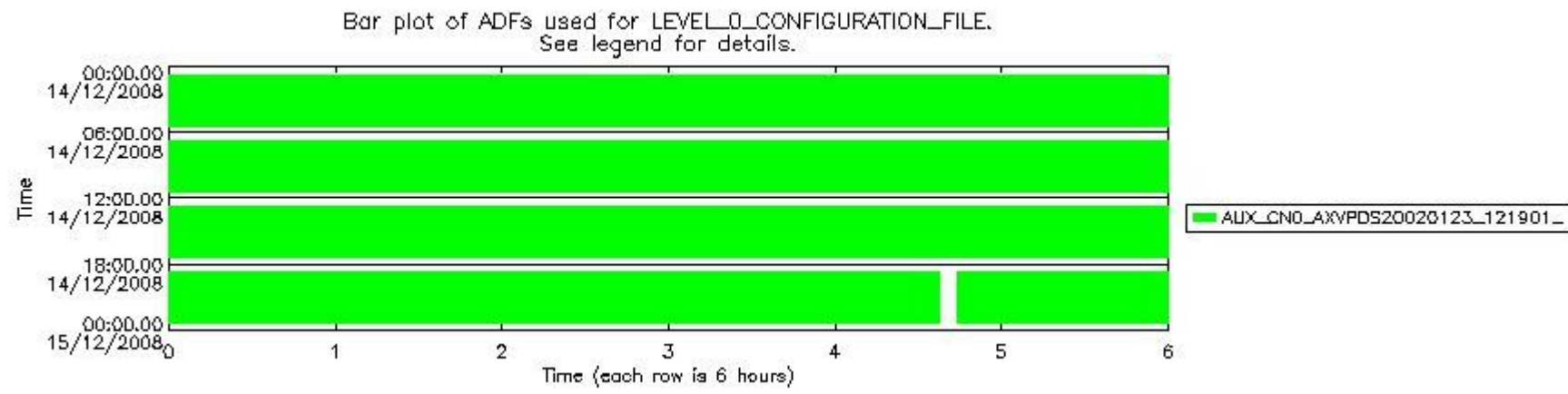
0.4 ADF monitoring

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

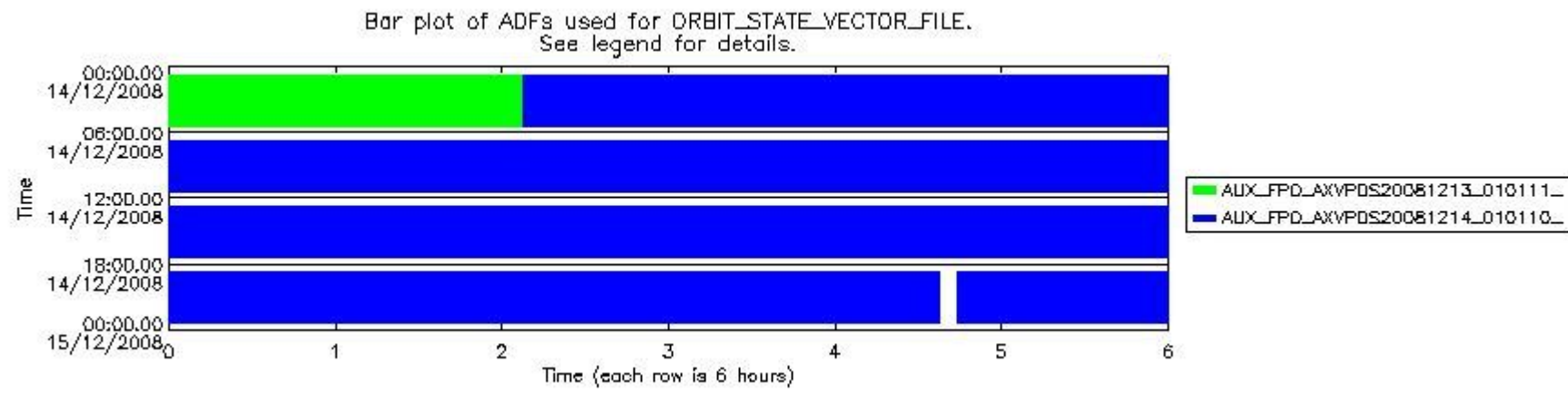
- A table showing which ADFs were used for processing (red values indicate that multiple ADFs of the same type were used)
- Various time line plots, one for each ADF, which show when which ADF was used.

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

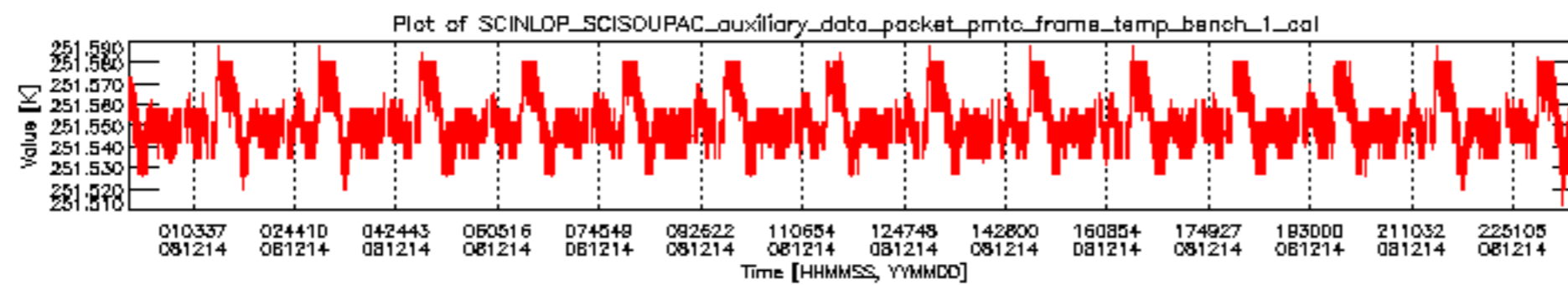
Number	ADF
	CNO (LEVEL_0_CONFIGURATION_FILE)
0	AUX_CNO_AXVPDS20020123_121901_20020101_000000_20200101_000000
	FPO (ORBIT_STATE_VECTOR_FILE)
1	AUX_FPO_AXVPDS20081213_010111_20081212_185239_20081222_201853
2	AUX_FPO_AXVPDS20081214_010110_20081213_182102_20081223_212752

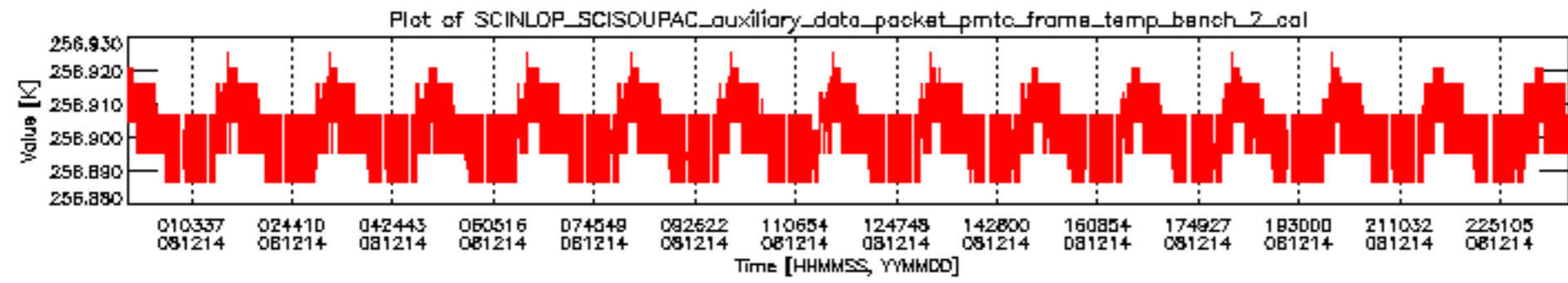


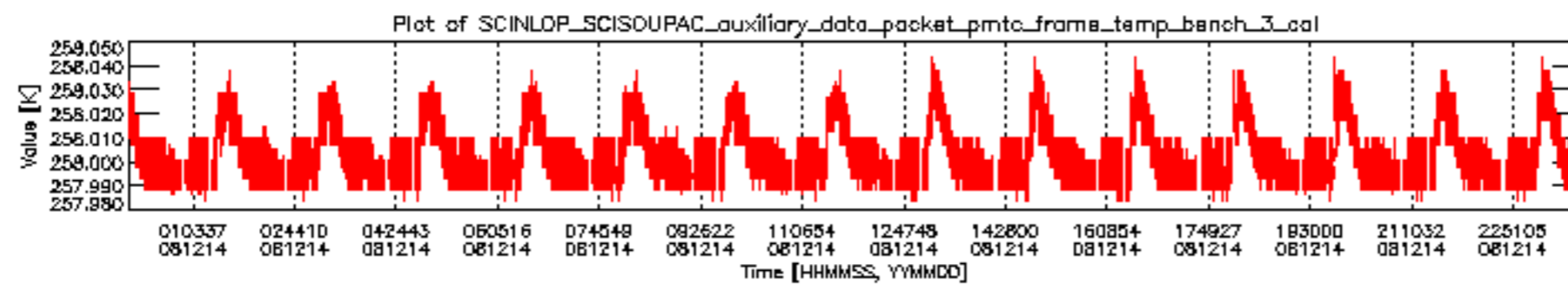
sciamachy_daily_report_level0_KSPT_L0_4303_N_20081214_6.PNG

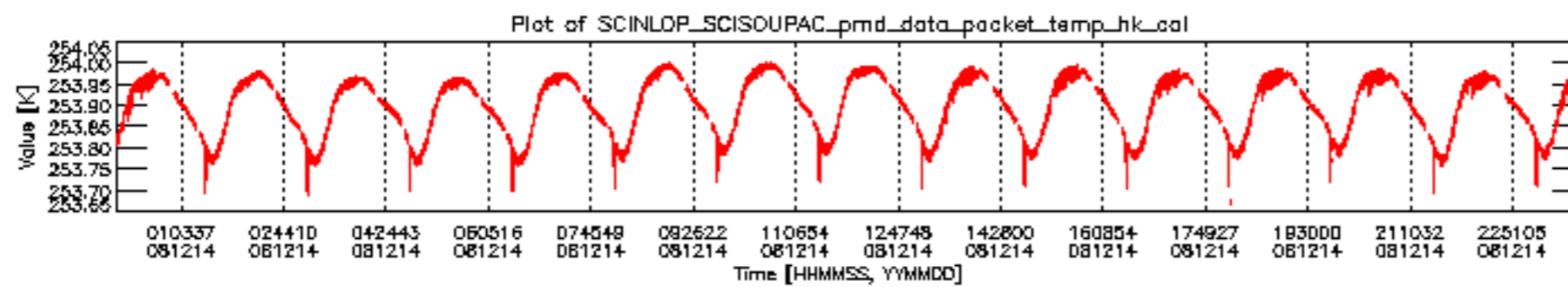


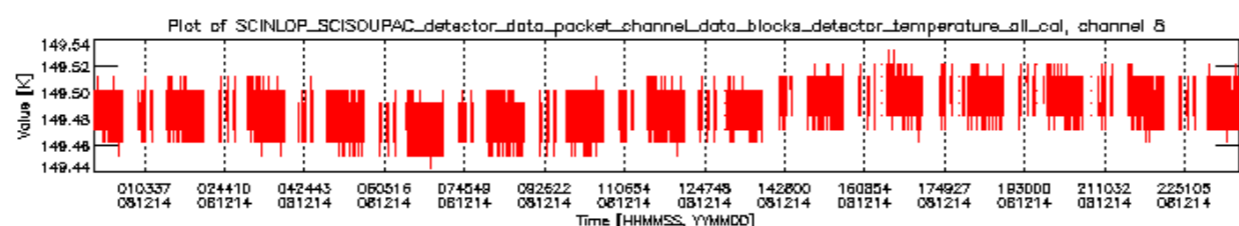
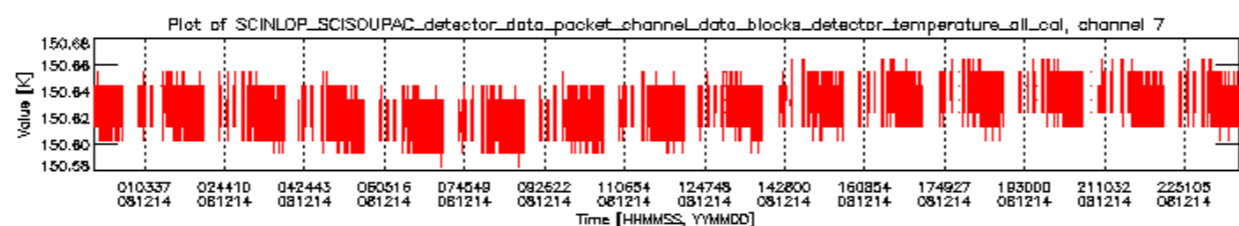
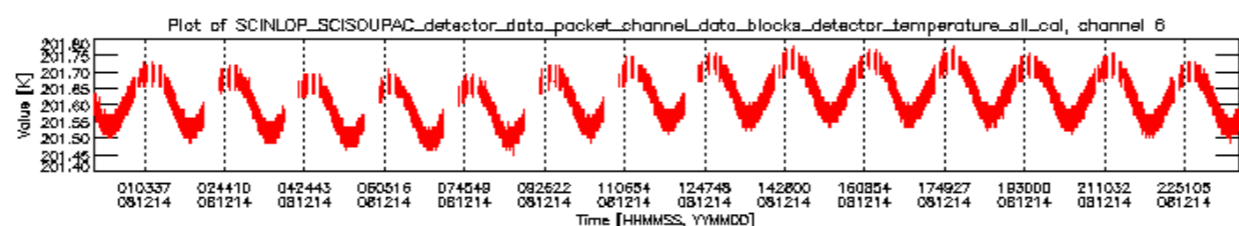
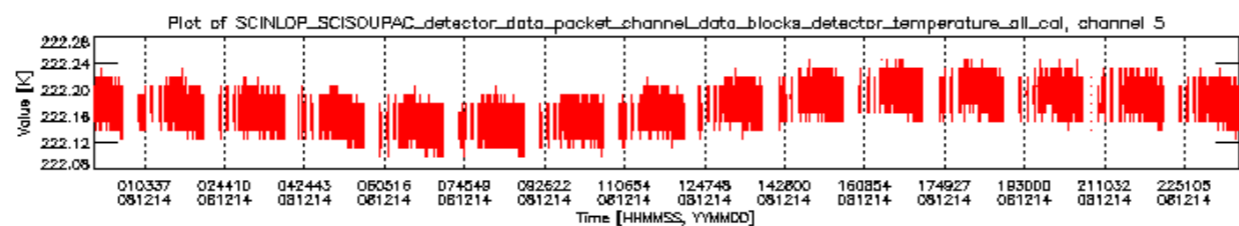
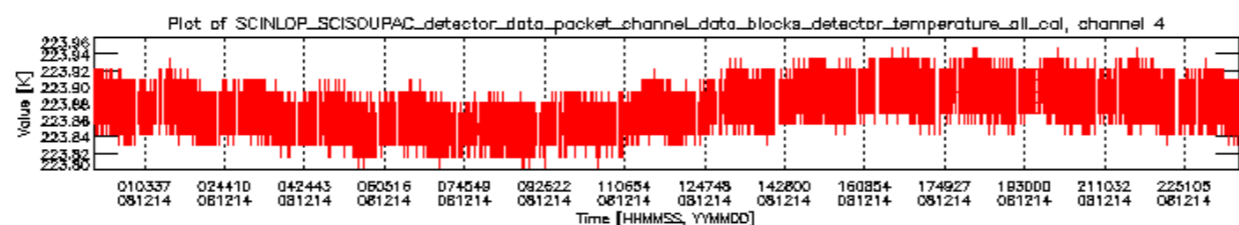
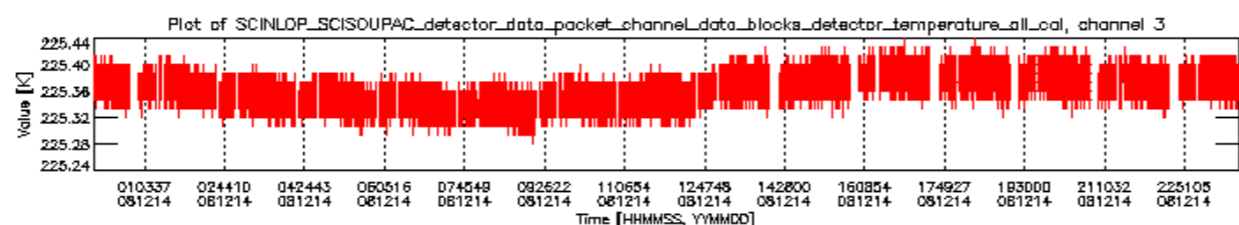
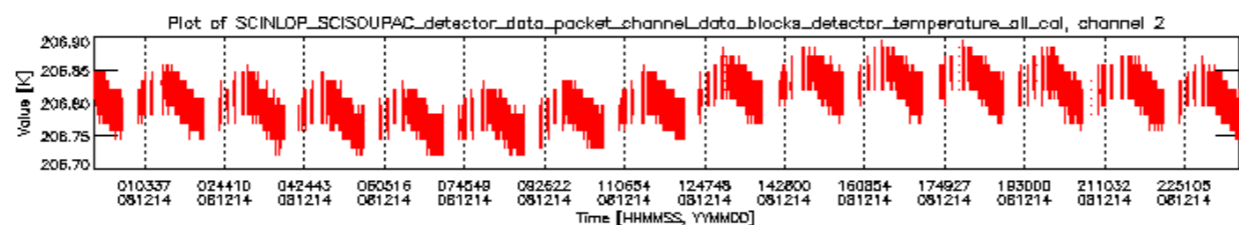
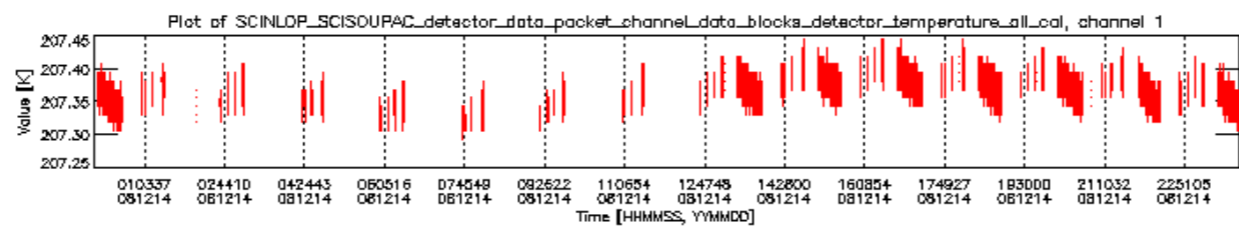
sciamachy_daily_report_level0_KSPT_L0_4303_N_20081214_7.PNG



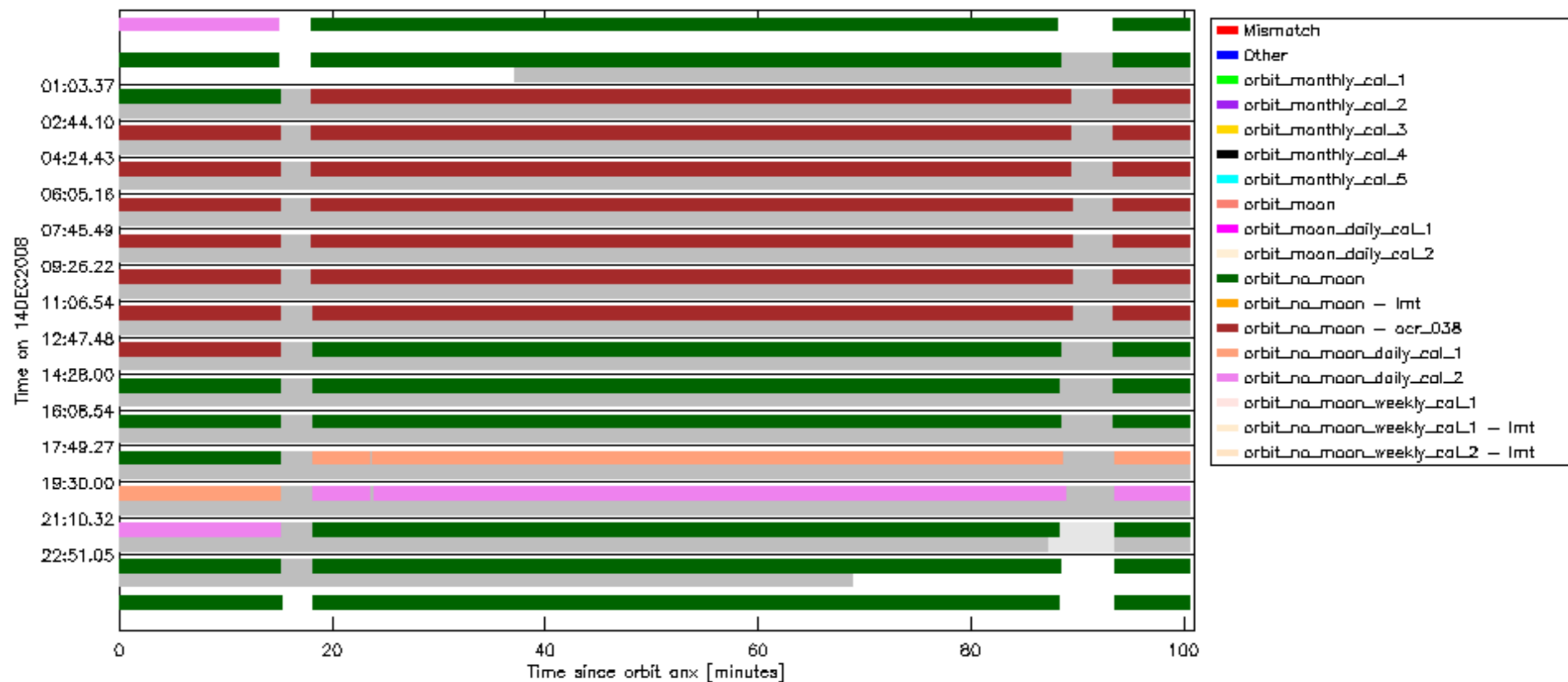


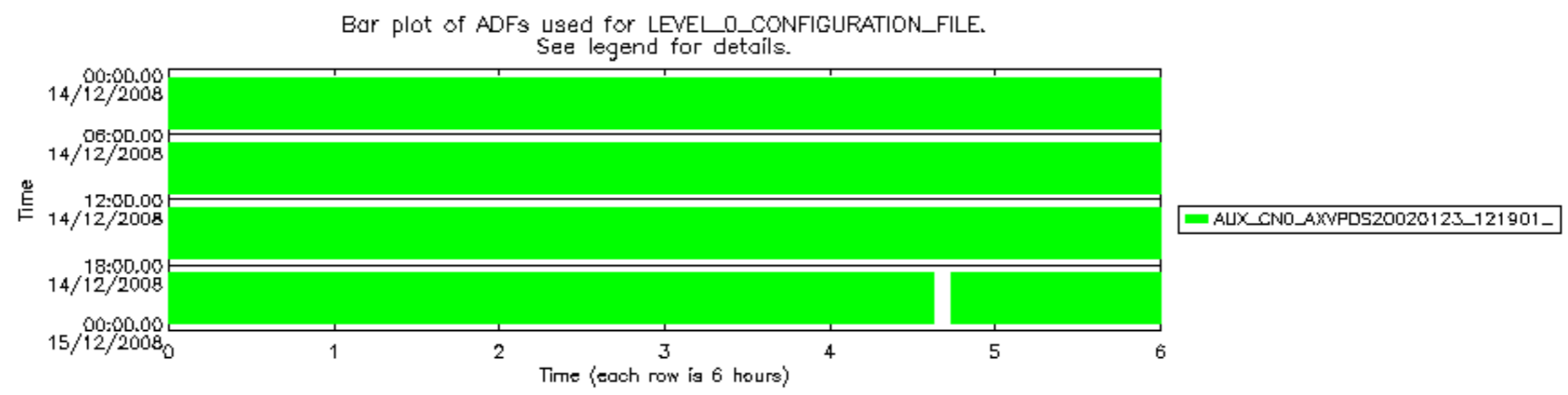






Bar plot of planned DMOP activities and new calibration data for SCIAMACHY.
 Each row indicates an orbit. A light gray colour indicates the time span of 14DEC2008.
 A medium gray color indicates the time span of available SCI_NL_1P products for this day.
 The remaining colours indicate planned activities 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.

