

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	16SEP2010 02:37:26
Data source version	<Any version>
Processing scope for products	09SEP2010 00:00:00 to 10SEP2010 00:00:00
Start time of first product within scope	09SEP2010 00:25:13
Stop time of last product within scope	10SEP2010 01:33:48
Total number of Level 0 products	16
Number of Level 0 products with errors	0

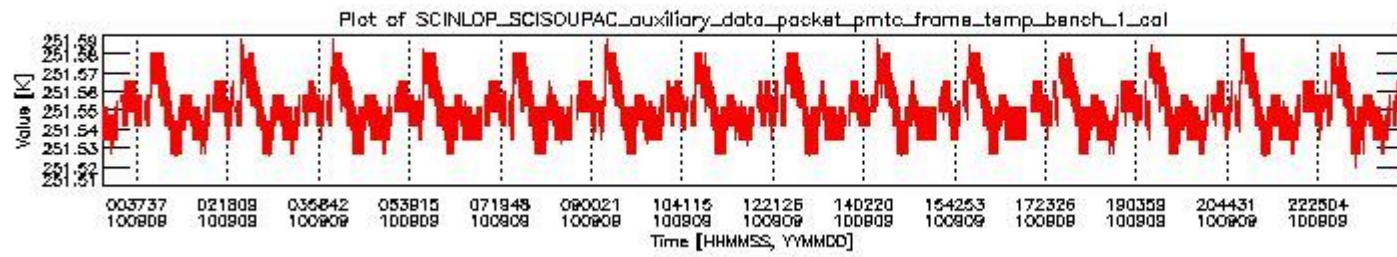
0.1.2 Summary per product

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

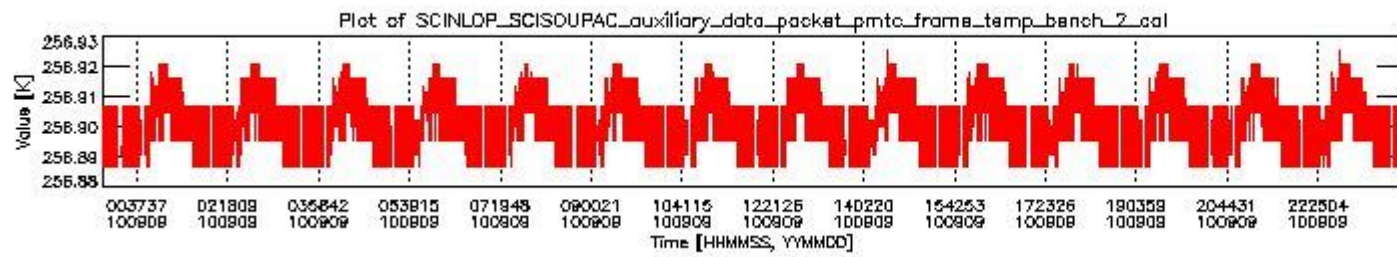
#	Product name	Start time	Stop time	Prod err	ISP err sign	ISP miss sign	ISP disc sign	rs sign
0	SCI_NL__OPNPDE20100909_002513_000059172092_00431_44573_2303.N1	09SEP2010 00:25:13	09SEP2010 02:03:50	0	0	0	0	0
1	SCI_NL__OPNPDE20100909_020222_000045102092_00432_44574_2304.N1	09SEP2010 02:02:22	09SEP2010 03:17:32	0	0	0	0	0
2	SCI_NL__OPNPDE20100909_031732_000061052092_00433_44575_2305.N1	09SEP2010 03:17:32	09SEP2010 04:59:17	0	0	0	0	0
3	SCI_NL__OPNPDE20100909_045917_000060242092_00434_44576_2306.N1	09SEP2010 04:59:17	09SEP2010 06:39:41	0	0	0	0	0
4	SCI_NL__OPNPDK20100909_063941_000041142092_00435_44577_2421.N1	09SEP2010 06:39:41	09SEP2010 07:48:15	0	0	0	0	0
5	SCI_NL__OPNPDK20100909_074815_000060922092_00436_44578_2422.N1	09SEP2010 07:48:15	09SEP2010 09:29:47	0	0	0	0	0
6	SCI_NL__OPNPDK20100909_092851_000060362092_00437_44579_2423.N1	09SEP2010 09:28:51	09SEP2010 11:09:28	0	0	0	0	0
7	SCI_NL__OPNPDK20100909_110832_000060242092_00438_44580_2424.N1	09SEP2010 11:08:32	09SEP2010 12:48:56	0	0	0	0	0
8	SCI_NL__OPNPDK20100909_124856_000058562092_00439_44581_2425.N1	09SEP2010 12:48:56	09SEP2010 14:26:32	0	0	0	0	0
9	SCI_NL__OPNPDK20100909_142536_000058432092_00440_44582_2426.N1	09SEP2010 14:25:36	09SEP2010 16:02:59	0	0	0	0	0
10	SCI_NL__OPNPDK20100909_160151_000060312092_00441_44583_2427.N1	09SEP2010 16:01:51	09SEP2010 17:42:22	0	0	0	0	0
11	SCI_NL__OPNPDK20100909_174126_000059502092_00442_44584_2428.N1	09SEP2010 17:41:26	09SEP2010 19:20:36	0	0	0	0	0
12	SCI_NL__OPNPDK20100909_191940_000060722092_00443_44585_2429.N1	09SEP2010 19:19:40	09SEP2010 21:00:53	0	0	0	0	0
13	SCI_NL__OPNPDE20100909_205739_000044522092_00444_44586_2307.N1	09SEP2010 20:57:39	09SEP2010 22:11:51	0	0	0	0	0
14	SCI_NL__OPNPDE20100909_221023_000062002092_00444_44586_2308.N1	09SEP2010 22:10:23	09SEP2010 23:53:43	0	0	0	0	0
15	SCI_NL__OPNPDE20100909_235220_000060882092_00445_44587_2309.N1	09SEP2010 23:52:20	10SEP2010 01:33:48	0	0	0	0	0

0.2 Product Quality Indicators

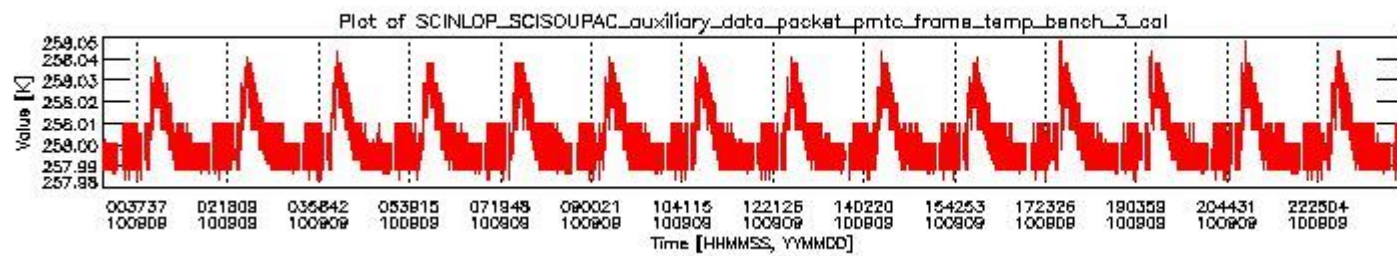
This section shows information about product quality, currently temperatures.



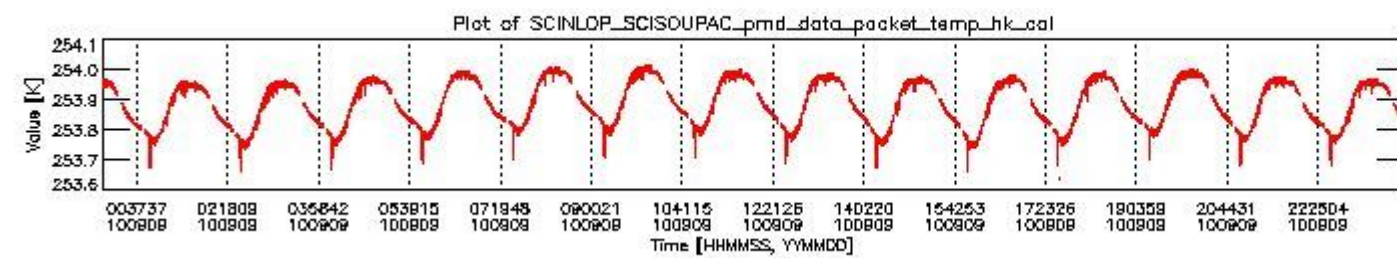
sciamachy_daily_report_level0_Any_version_20100909_0.PNG



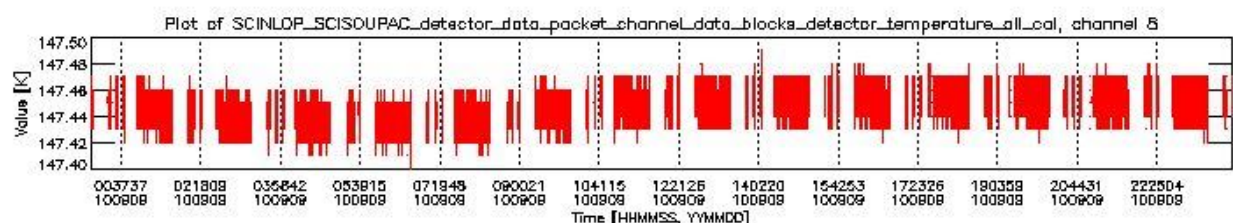
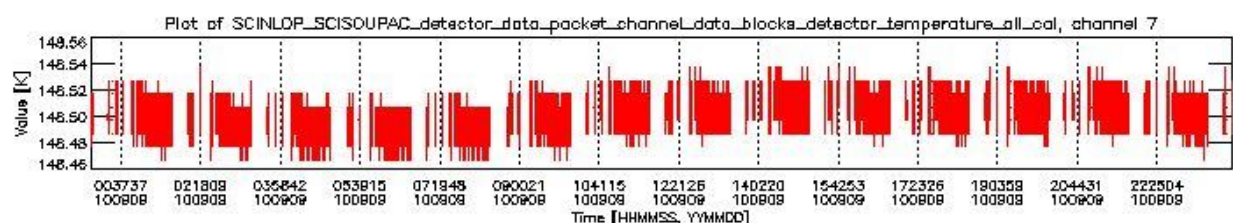
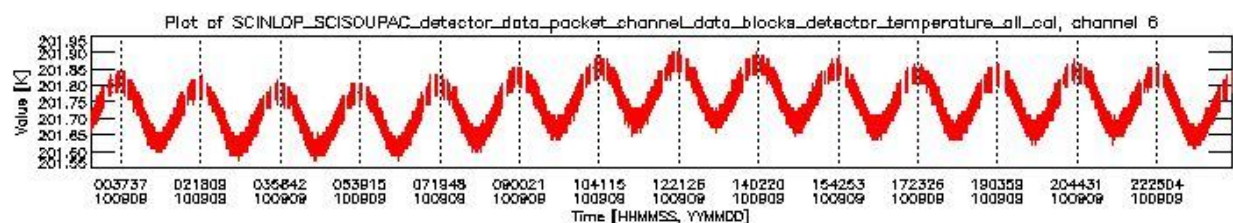
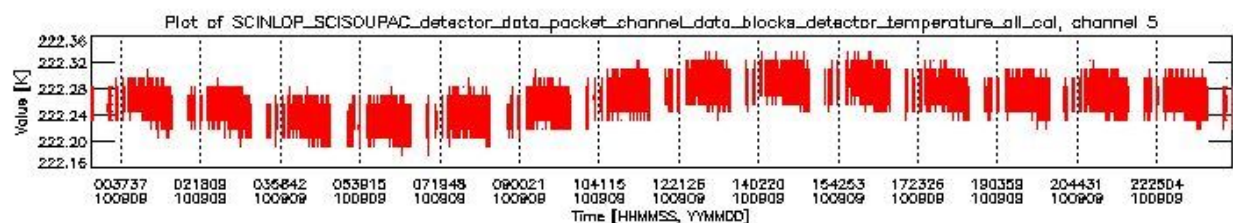
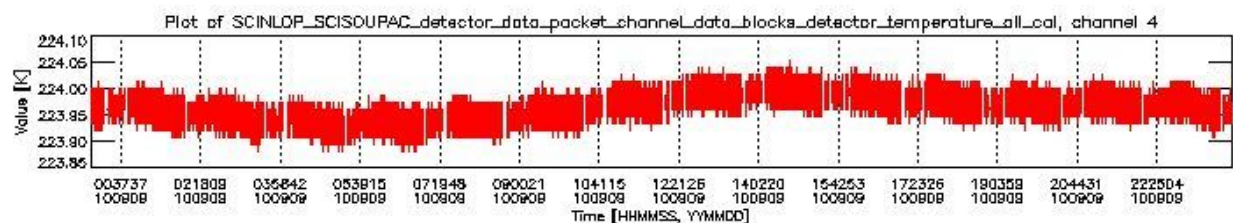
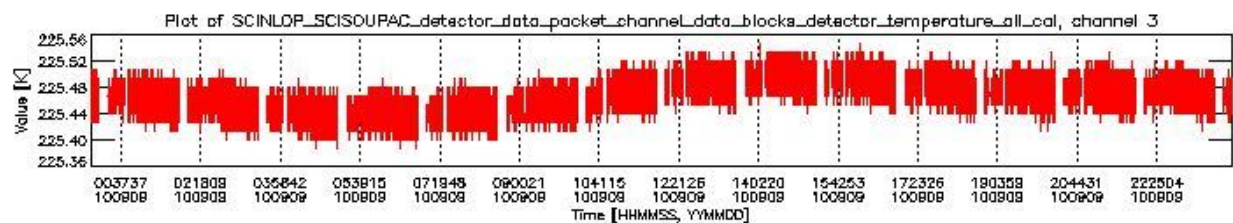
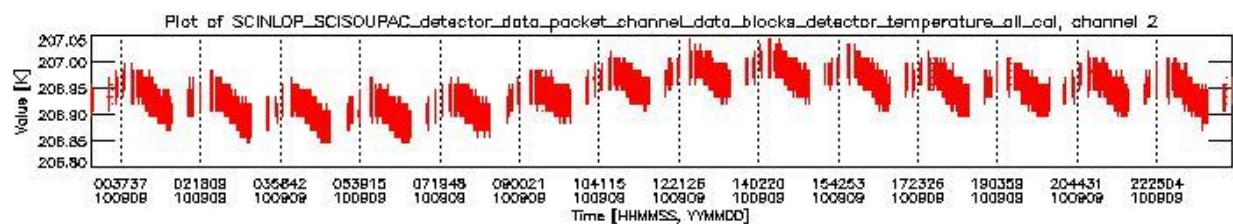
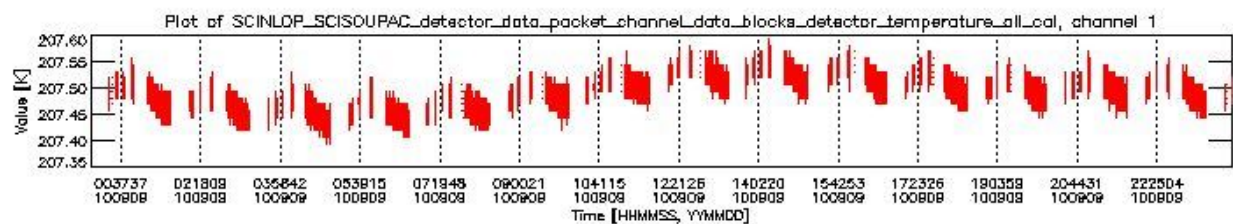
sciamachy_daily_report_level0_Any_version_20100909_1.PNG



sciamachy_daily_report_level0_Any_version_20100909_2.PNG



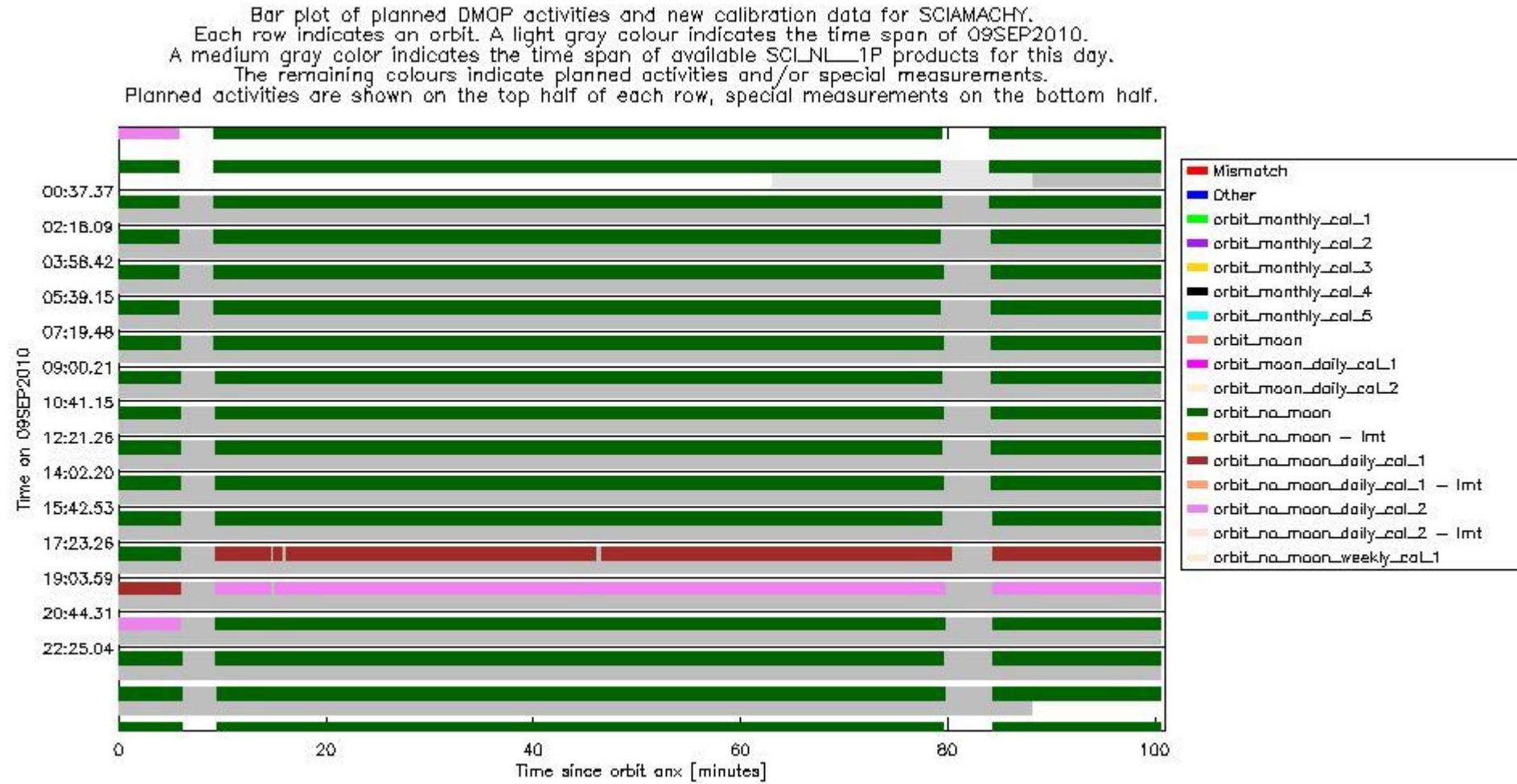
sciamachy_daily_report_level0_Any_version_20100909_3.PNG



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.



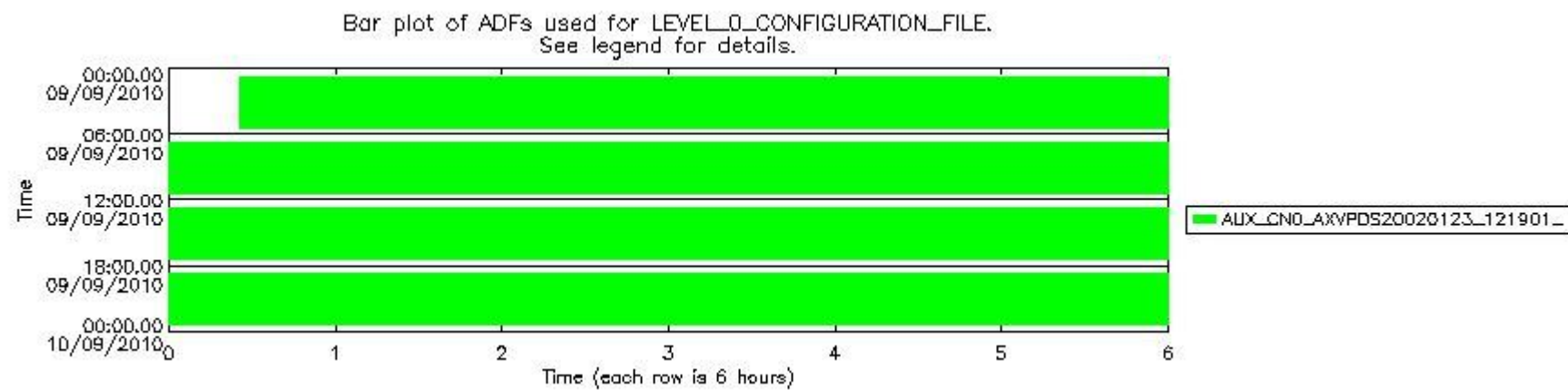
0.4 ADF monitoring

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

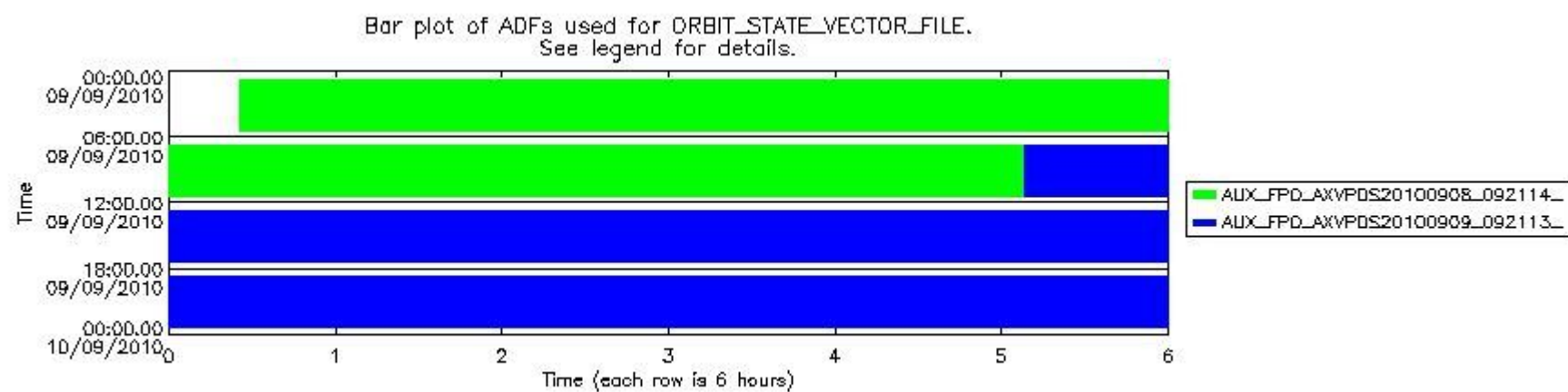
- A table showing which ADFs were used for processing (red values indicate that multiple ADFs of the same type were used)
- Various time line plots, one for each ADF, showing when and which ADF was used.

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

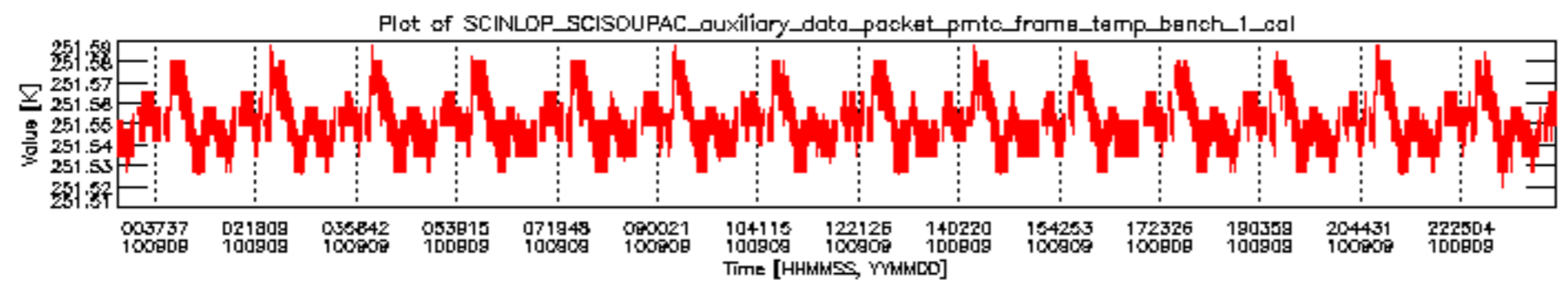
Number	ADF
	CNO (LEVEL_0_CONFIGURATION_FILE)
0	AUX_CNO_AXVPDS20020123_121901_20020101_000000_20200101_000000
	FPO (ORBIT_STATE_VECTOR_FILE)
1	AUX_FPO_AXVPDS20100908_092114_20100907_182640_20100917_213329
2	AUX_FPO_AXVPDS20100909_092113_20100908_193539_20100918_210152

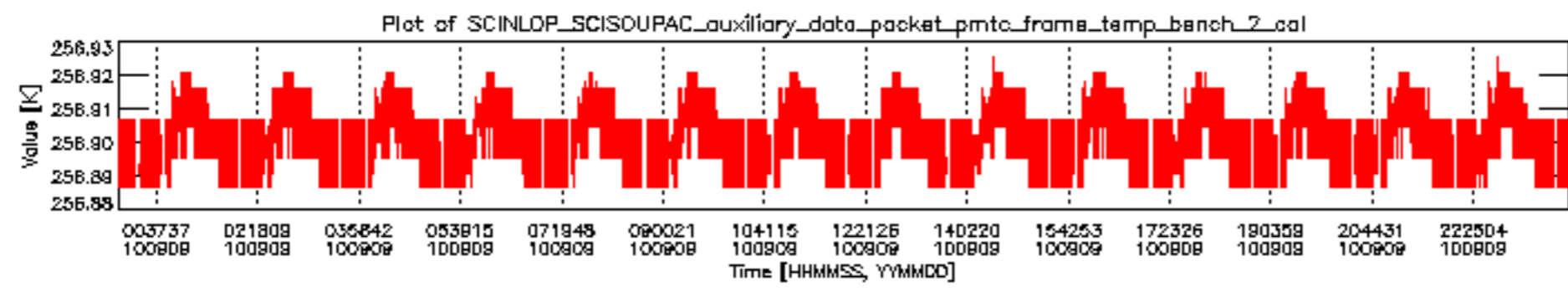


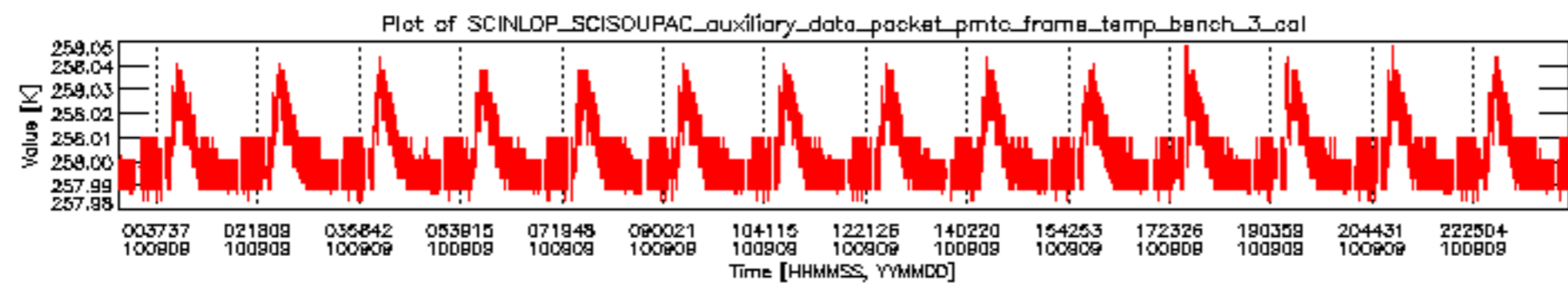
sciamachy_daily_report_level0_Any_version_20100909_6.PNG

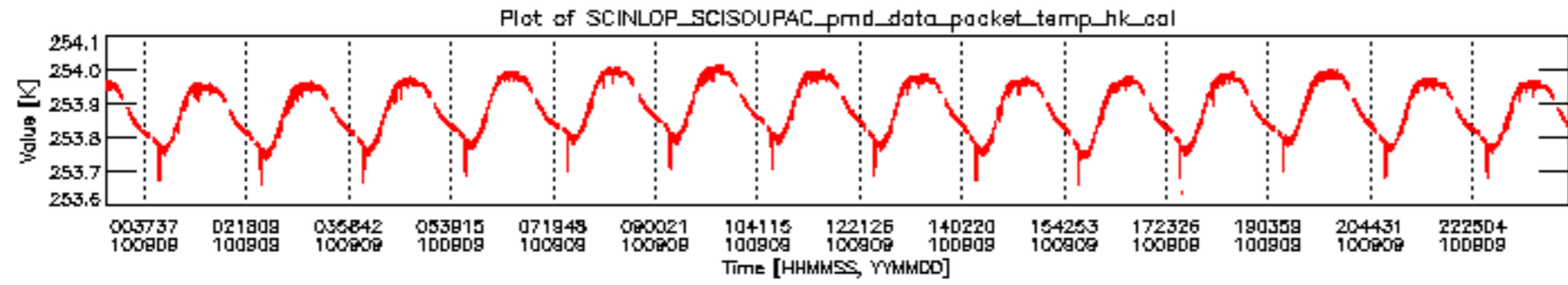


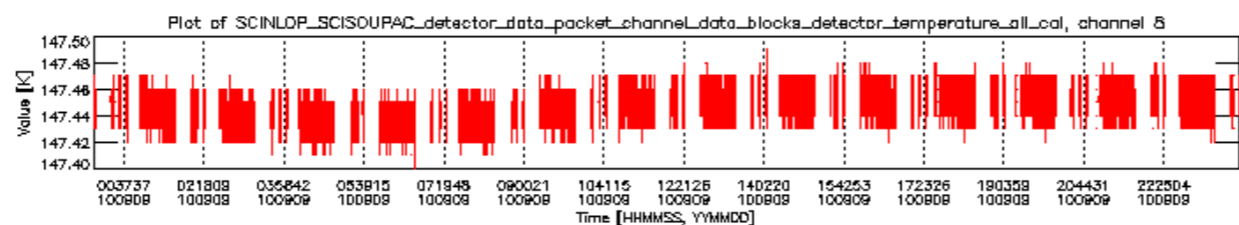
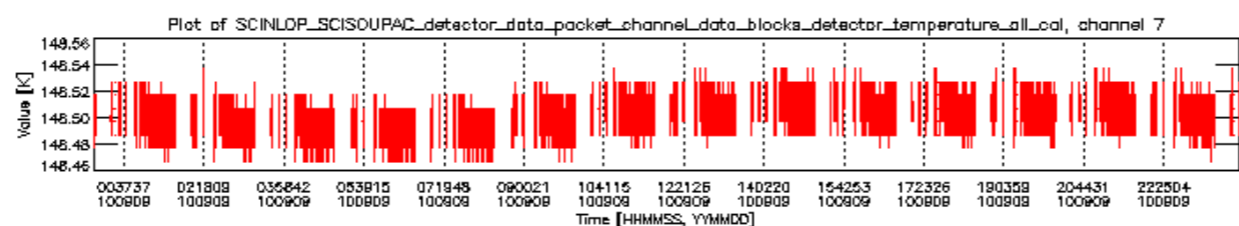
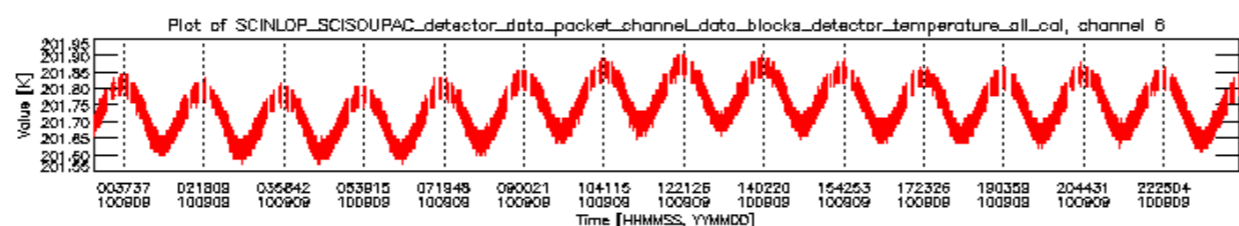
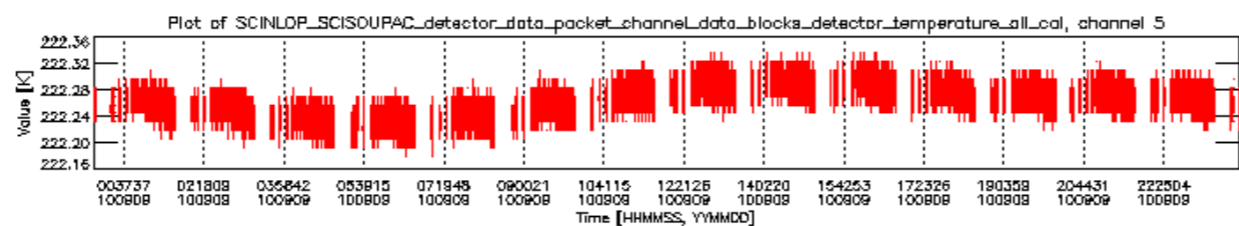
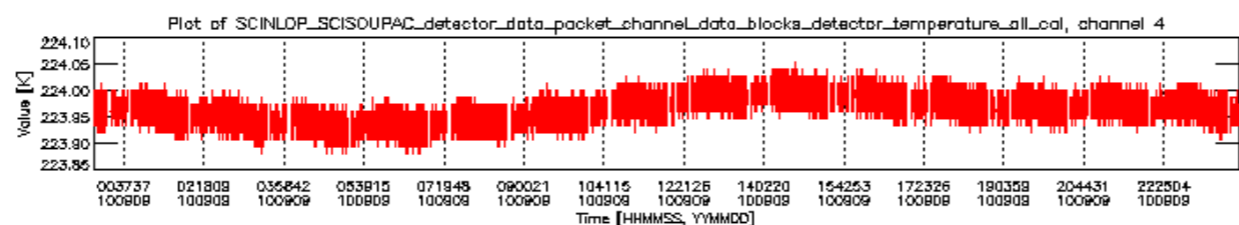
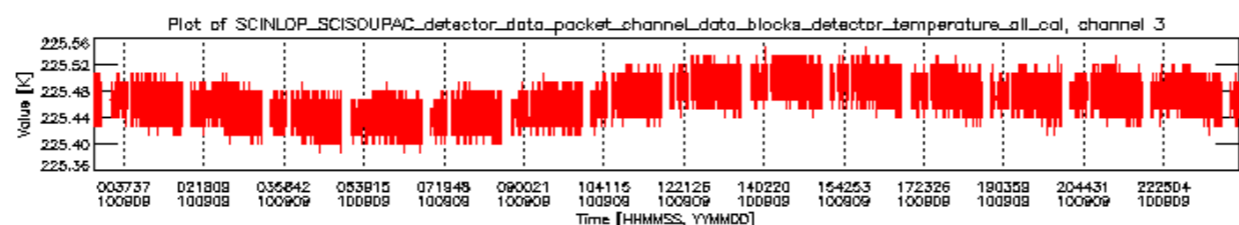
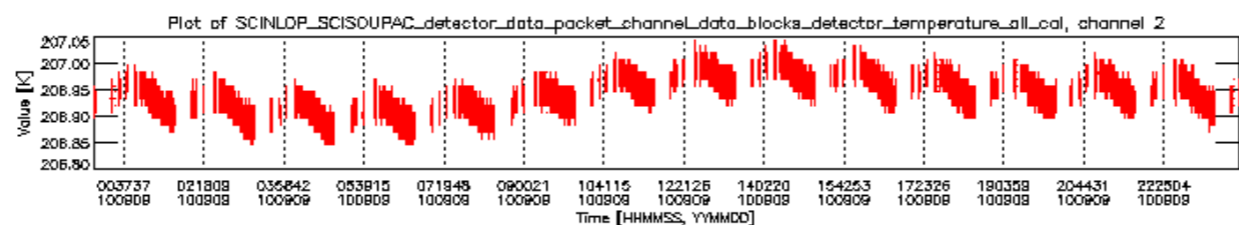
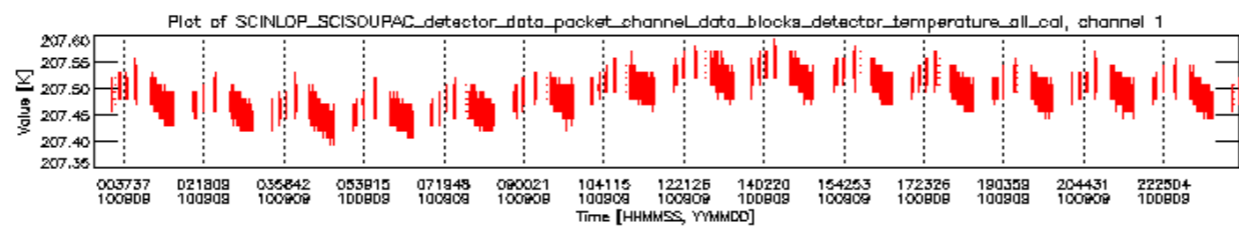
sciamachy_daily_report_level0_Any_version_20100909_7.PNG











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 09SEP2010.
 A medium gray color indicates the time span of available SCINL_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.

