

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	25OCT2009 06:07:31
Data source version	KSPT_L0/4303-N
Processing scope for products	21OCT2009 00:00:00 to 22OCT2009 00:00:00
Start time of first product within scope	20OCT2009 23:37:20
Stop time of last product within scope	22OCT2009 00:46:26
Total number of level 0 products	16
Number of level 0 products with errors	1

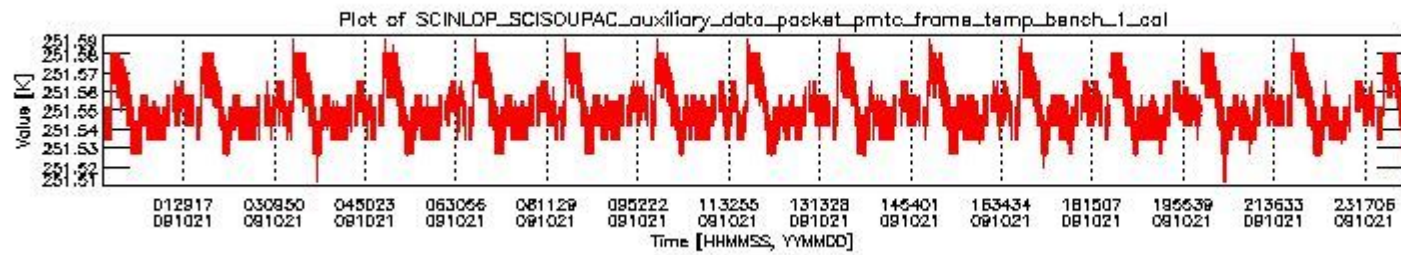
0.1.2 Summary per product

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

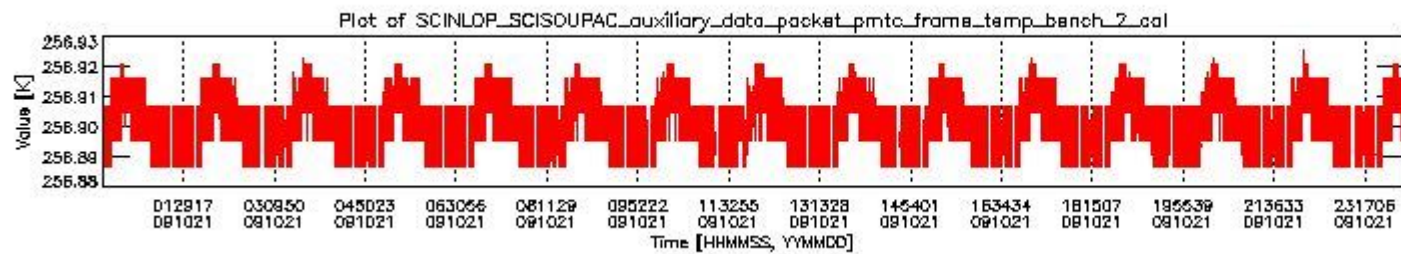
#	Product name	Start time	Stop time	Prod err	ISP err sign	ISP miss sign	ISP disc sign	rs sign
0	SCI_NL__OPNPDE20091020_233720_000060362083_00316_39949_0178.N1	20OCT2009 23:37:20	21OCT2009 01:17:56	0	0	0	0	0
1	SCI_NL__OPNPDE20091021_011756_000045612083_00317_39950_0179.N1	21OCT2009 01:17:56	21OCT2009 02:33:57	0	0	0	0	0
2	SCI_NL__OPNPDE20091021_023249_000058562083_00318_39951_0180.N1	21OCT2009 02:32:49	21OCT2009 04:10:25	0	0	0	0	0
3	SCI_NL__OPNPDE20091021_040929_000060922083_00319_39952_0181.N1	21OCT2009 04:09:29	21OCT2009 05:51:01	0	0	0	0	0
4	SCI_NL__OPNPDE20091021_054953_000062292083_00320_39953_0182.N1	21OCT2009 05:49:53	21OCT2009 07:33:42	0	0	0	0	0
5	SCI_NL__OPNPDK20091021_073342_000038532083_00321_39954_3059.N1	21OCT2009 07:33:42	21OCT2009 08:37:55	1	1	0	0	0
6	SCI_NL__OPNPDK20091021_083659_000062852083_00322_39955_3060.N1	21OCT2009 08:36:59	21OCT2009 10:21:44	0	0	0	0	0
7	SCI_NL__OPNPDK20091021_102048_000057752083_00323_39956_3061.N1	21OCT2009 10:20:48	21OCT2009 11:57:03	0	0	0	0	0
8	SCI_NL__OPNPDK20091021_115511_000061612083_00324_39957_3062.N1	21OCT2009 11:55:11	21OCT2009 13:37:52	0	0	0	0	0
9	SCI_NL__OPNPDK20091021_133644_000059252083_00325_39958_3063.N1	21OCT2009 13:36:44	21OCT2009 15:15:28	0	0	0	0	0
10	SCI_NL__OPNPDK20091021_151214_000060362083_00326_39959_3064.N1	21OCT2009 15:12:14	21OCT2009 16:52:51	0	0	0	0	0
11	SCI_NL__OPNPDK20091021_165251_000059802083_00327_39960_3065.N1	21OCT2009 16:52:51	21OCT2009 18:32:30	0	0	0	0	0
12	SCI_NL__OPNPDK20091021_183135_000060922083_00328_39961_3066.N1	21OCT2009 18:31:35	21OCT2009 20:13:07	0	0	0	0	0
13	SCI_NL__OPNPDE20091021_201115_000041102083_00329_39962_0183.N1	21OCT2009 20:11:15	21OCT2009 21:19:45	0	0	0	0	0
14	SCI_NL__OPNPDE20091021_212513_000060362083_00329_39962_0184.N1	21OCT2009 21:25:13	21OCT2009 23:05:49	0	0	0	0	0
15	SCI_NL__OPNPDE20091021_230549_000060362083_00330_39963_0185.N1	21OCT2009 23:05:49	22OCT2009 00:46:26	0	0	0	0	0

0.2 Product Quality Indicators

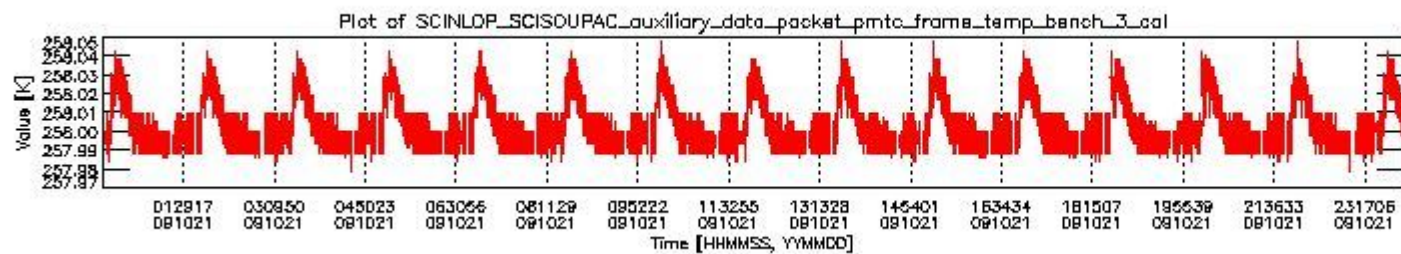
This section shows information about product quality, currently temperatures.



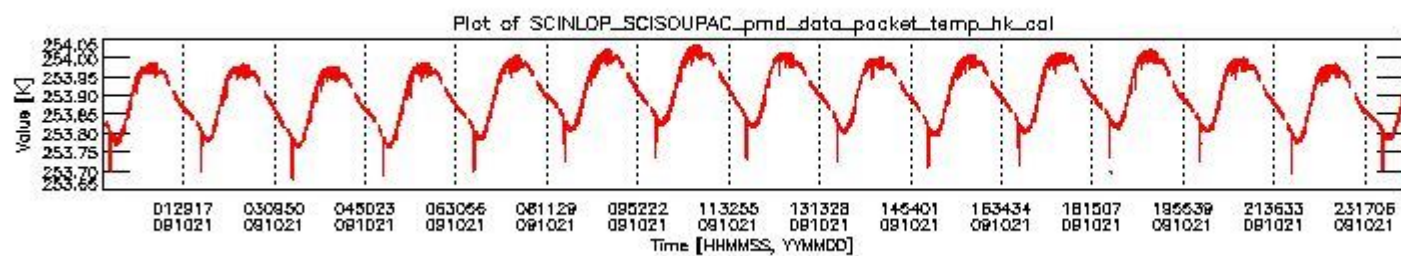
sciamachy_daily_report_level0_KSPT_L0_4303_N_20091021_0.PNG



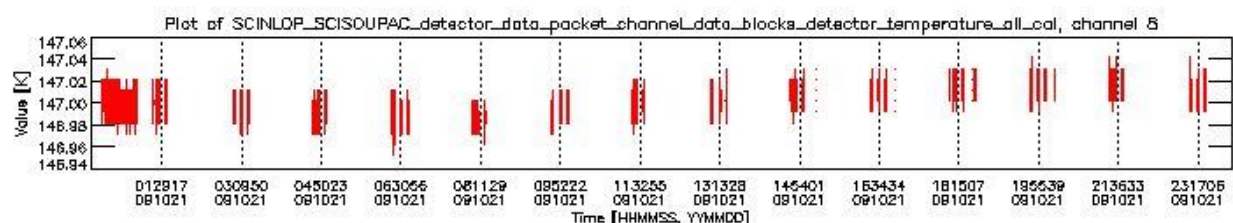
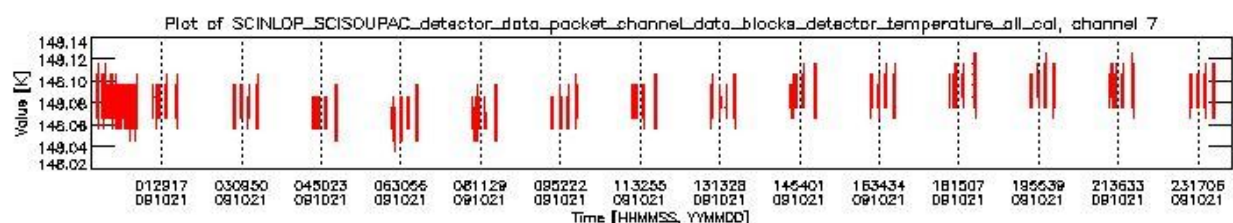
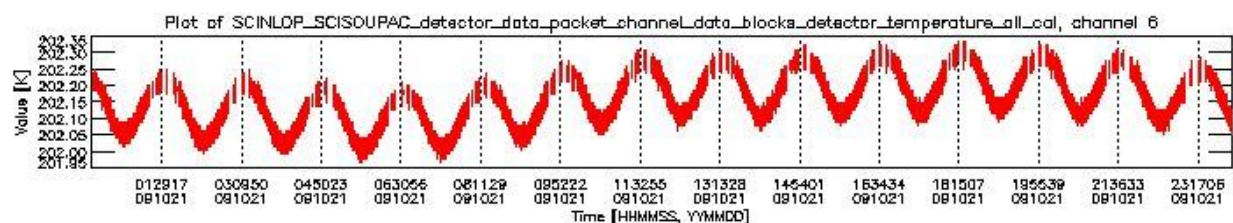
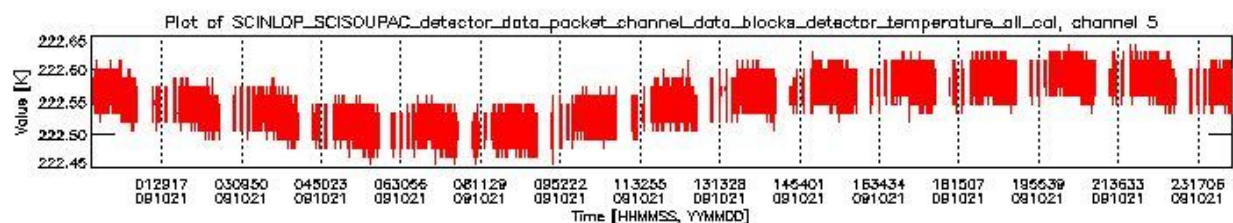
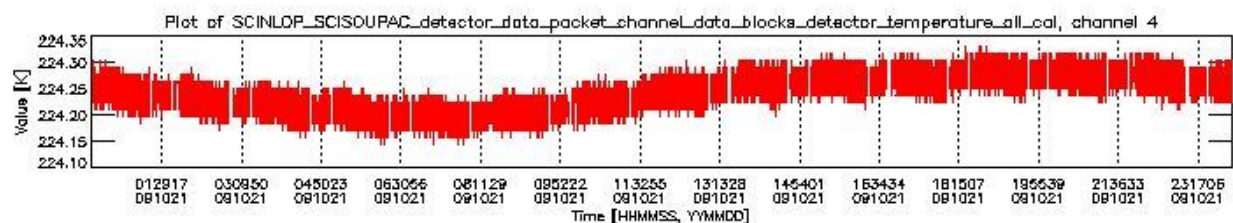
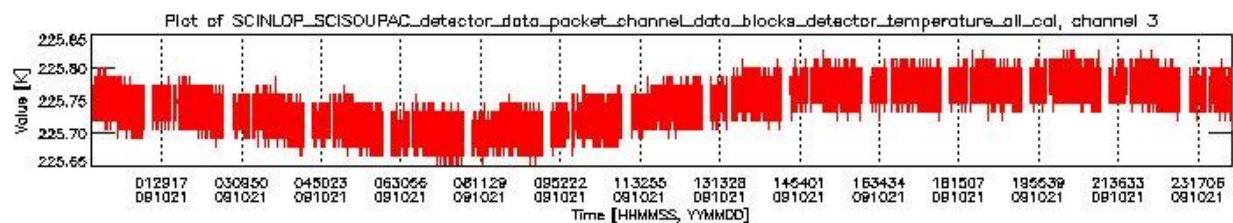
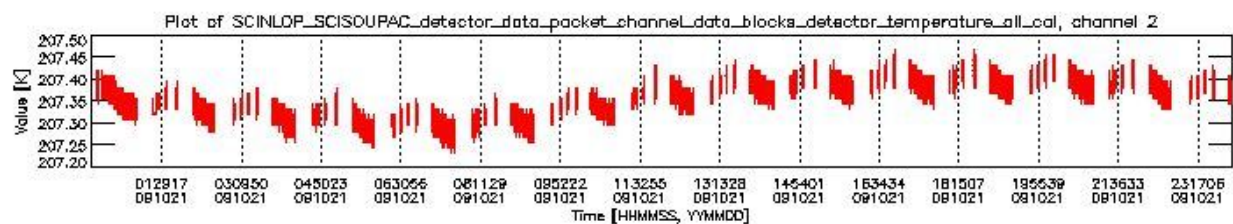
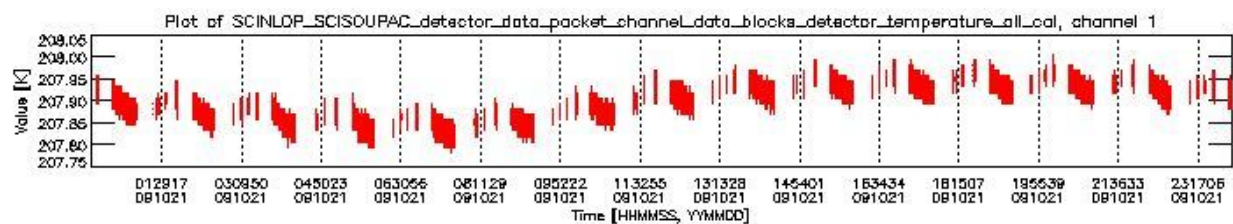
sciamachy_daily_report_level0_KSPT_L0_4303_N_20091021_1.PNG



sciamachy_daily_report_level0_KSPT_L0_4303_N_20091021_2.PNG



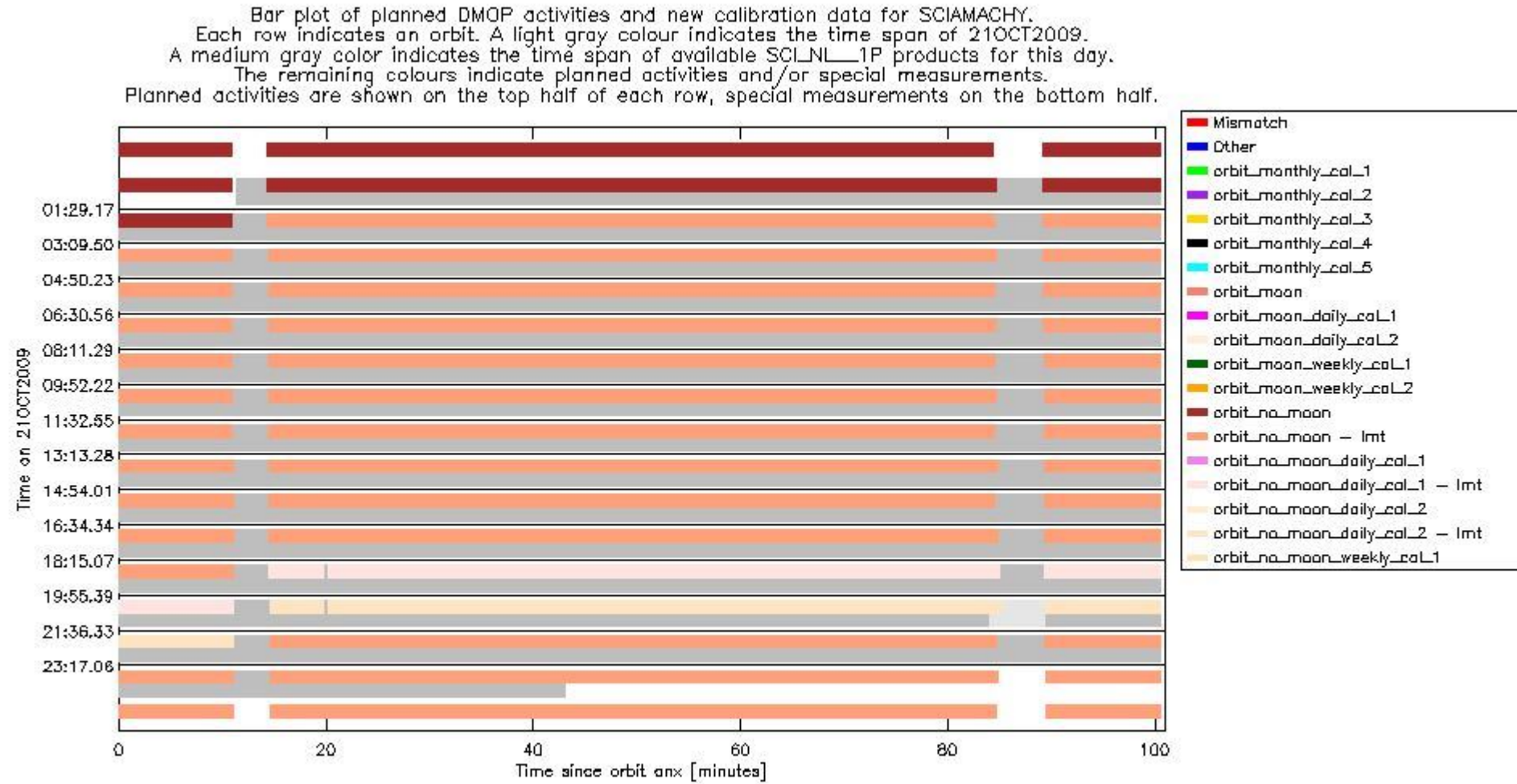
sciamachy_daily_report_level0_KSPT_L0_4303_N_20091021_3.PNG



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.



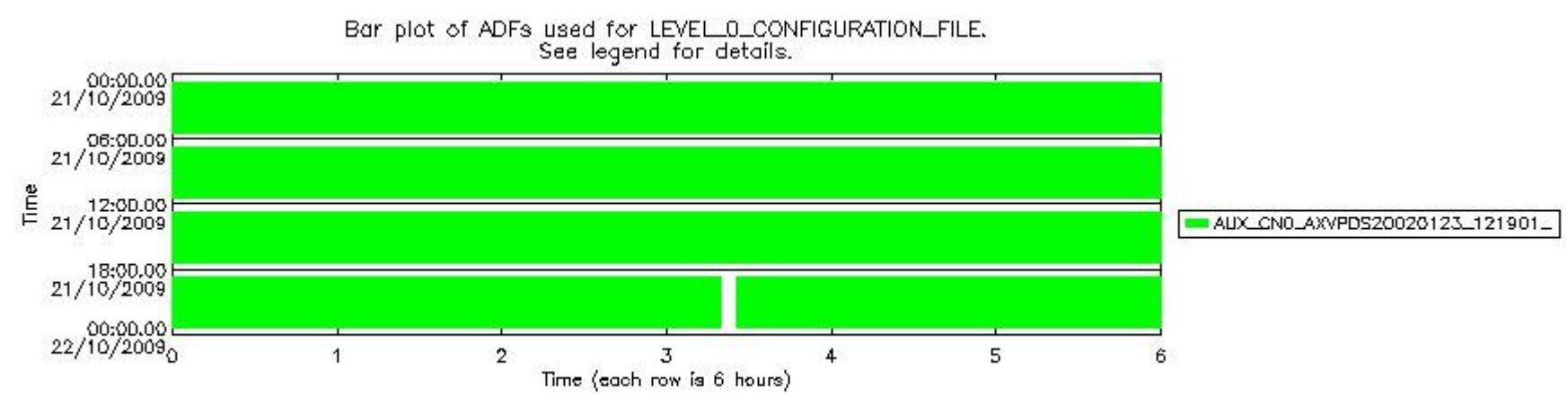
0.4 ADF monitoring

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

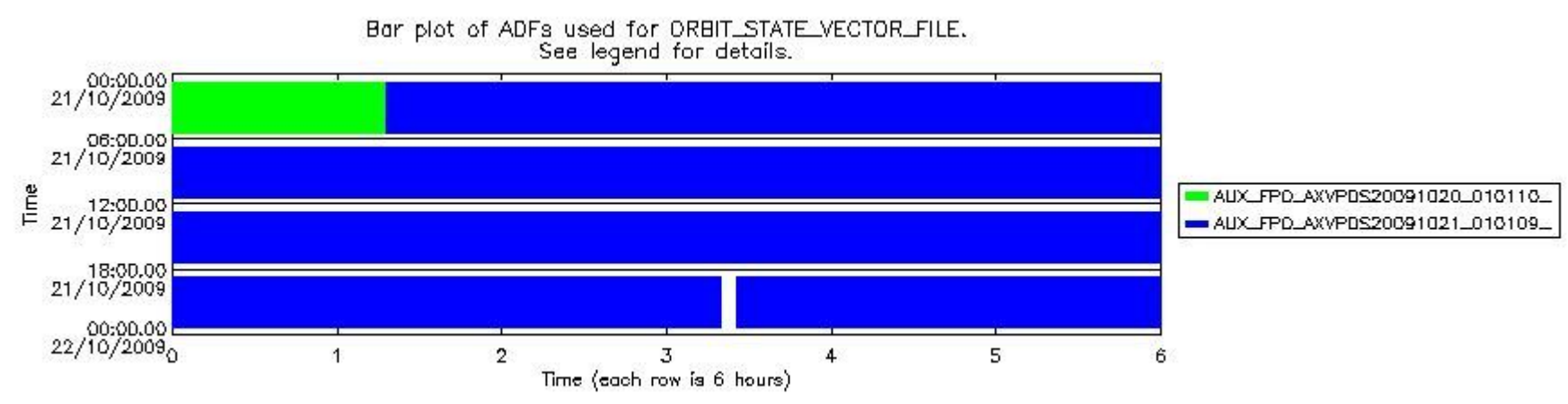
- A table showing which ADFs were used for processing (red values indicate that multiple ADFs of the same type were used)
- Various time line plots, one for each ADF, which show when which ADF was used.

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

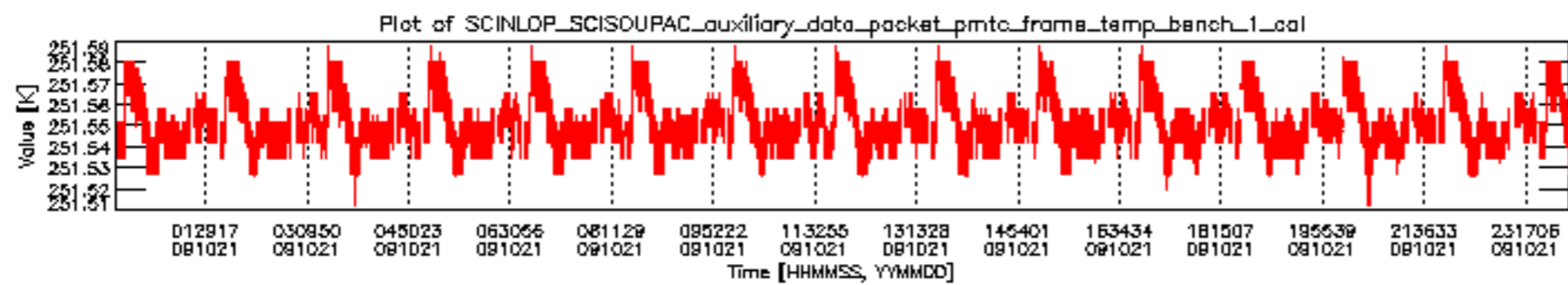
Number	ADF
	CNO (LEVEL_0_CONFIGURATION_FILE)
0	AUX_CNO_AXVPDS20020123_121901_20020101_000000_20200101_000000
	FPO (ORBIT_STATE_VECTOR_FILE)
1	AUX_FPO_AXVPDS20091020_010110_20091019_191827_20091029_204441
2	AUX_FPO_AXVPDS20091021_010109_20091020_184650_20091030_201304

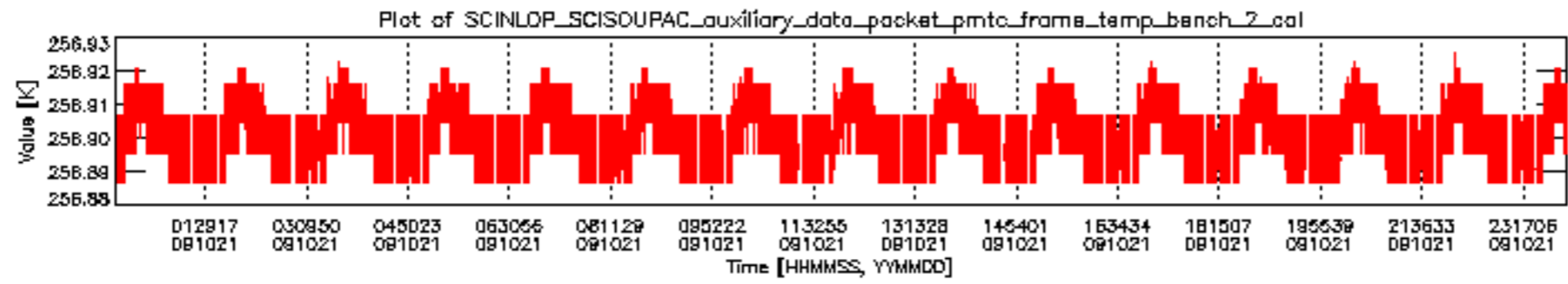


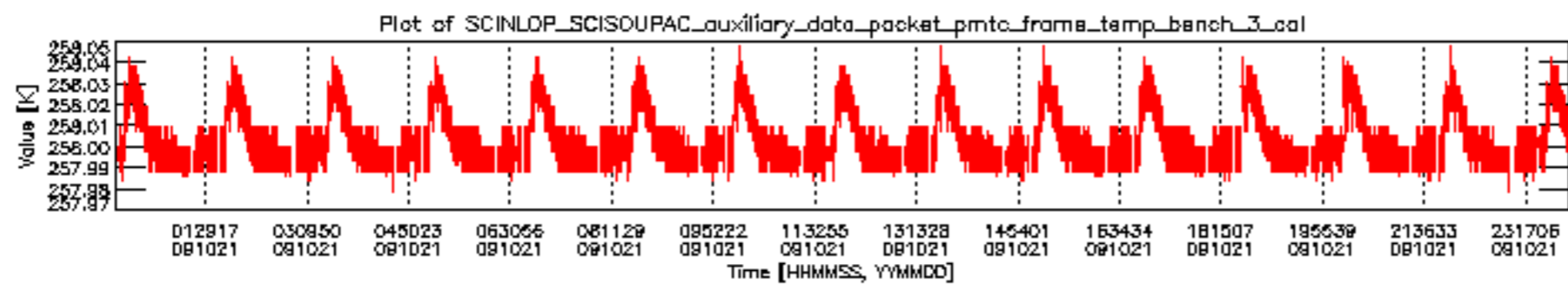
sciamachy_daily_report_level0_KSPT_L0_4303_N_20091021_6.PNG

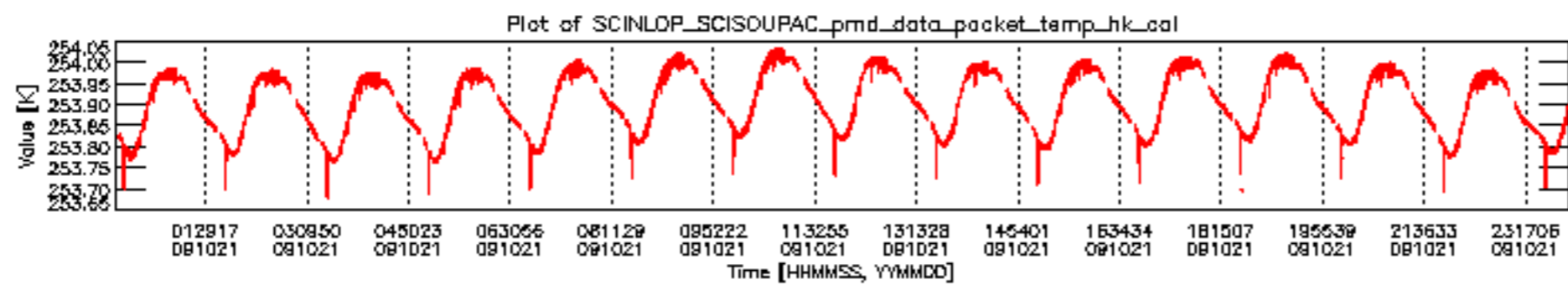


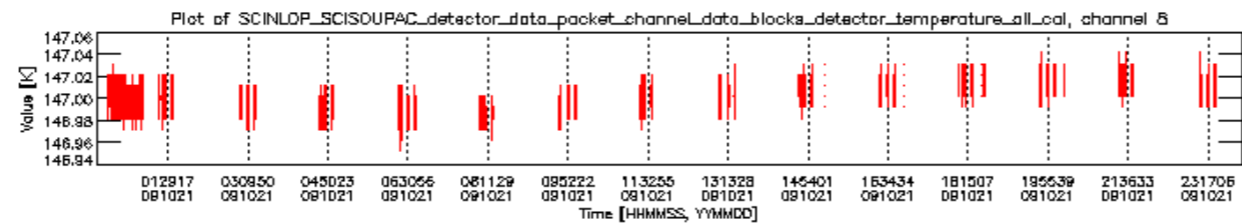
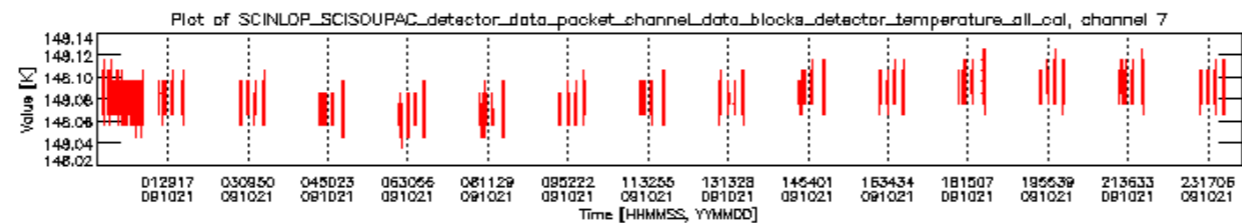
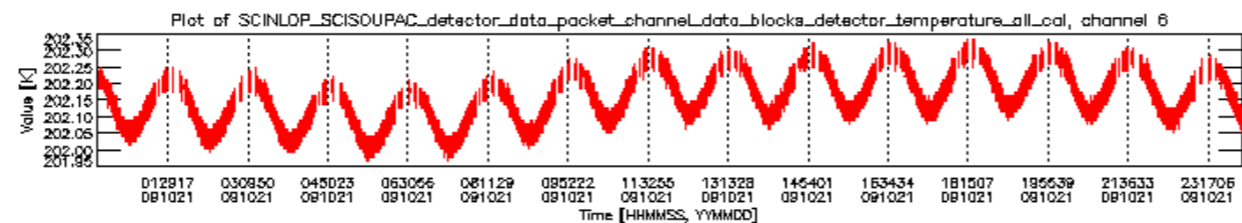
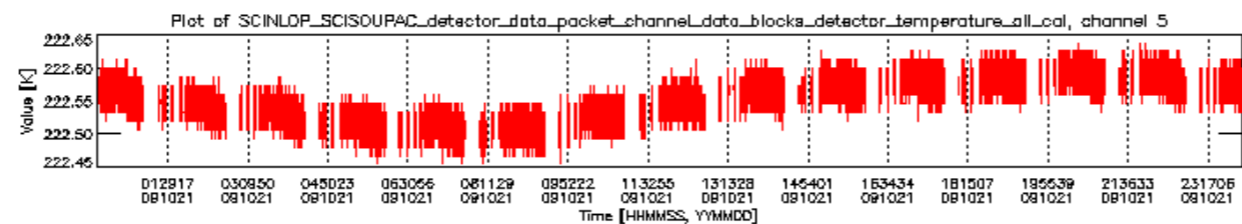
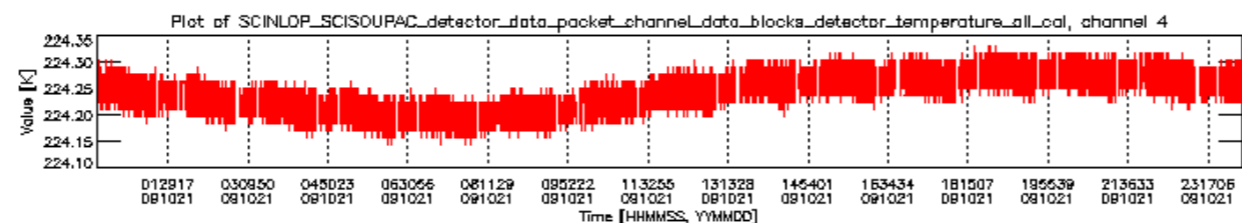
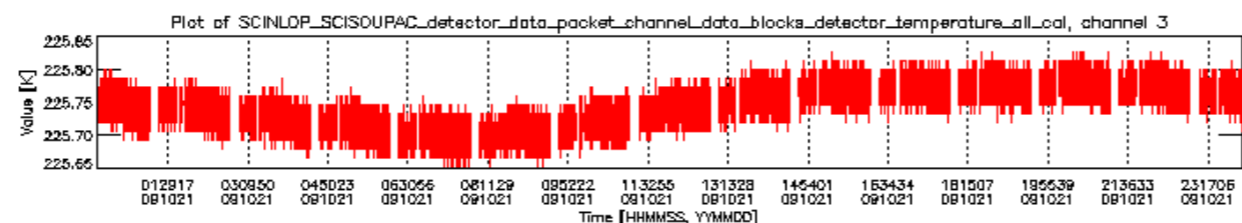
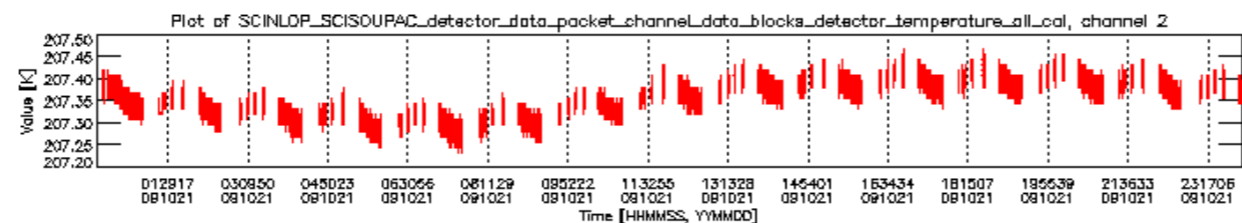
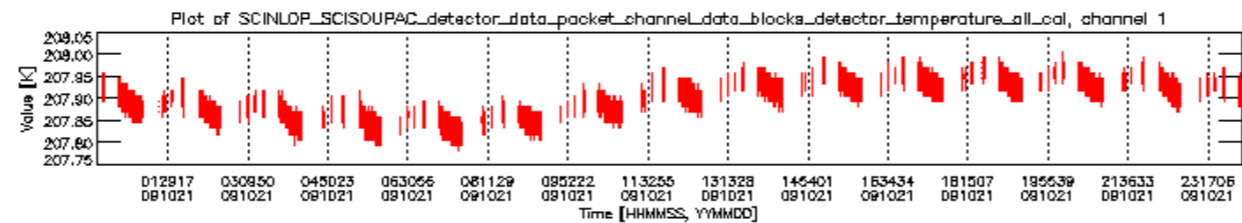
sciamachy_daily_report_level0_KSPT_L0_4303_N_20091021_7.PNG



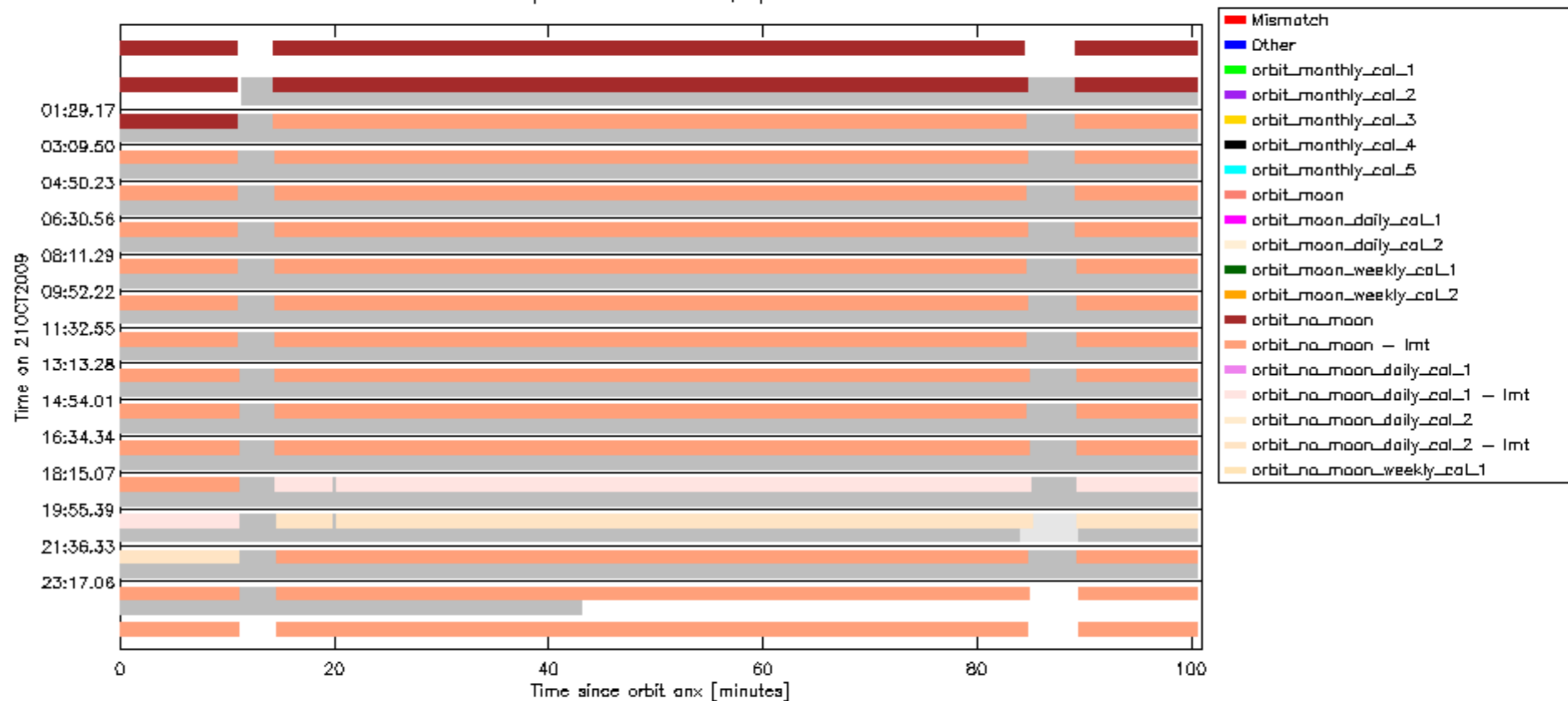


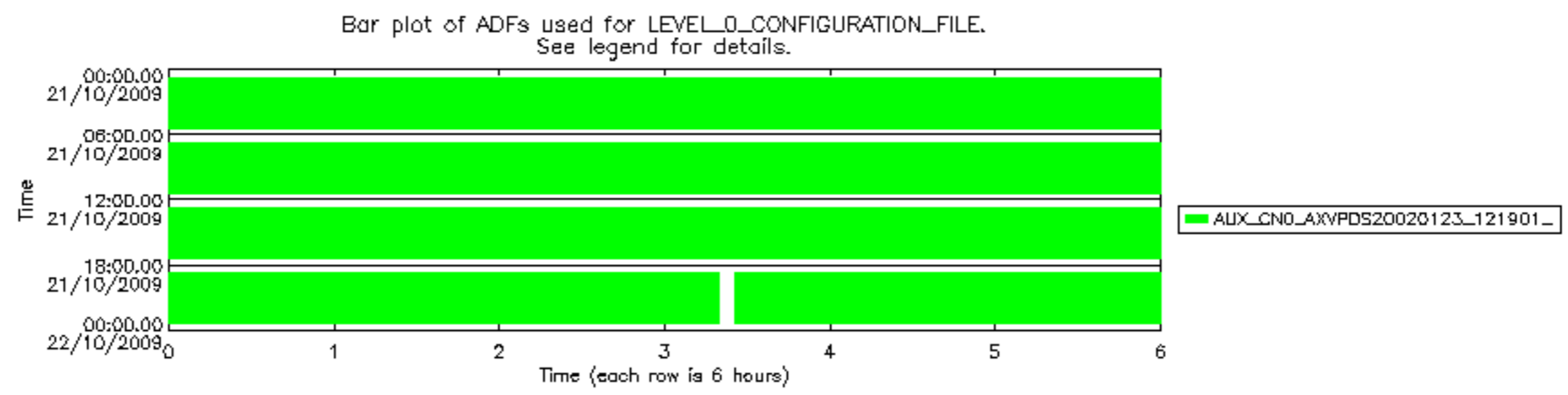






Bar plot of planned DMOP activities and new calibration data for SCIAMACHY.
 Each row indicates an orbit. A light gray colour indicates the time span of 21OCT2009.
 A medium gray color indicates the time span of available SCI_NL_1P products for this day.
 The remaining colours indicate planned activities 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.

