

# 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	05FEB2010 05:47:08
Data source version	KSPT_L0/4303-N
Processing scope for products	01FEB2010 00:00:00 to 02FEB2010 00:00:00
Start time of first product within scope	01FEB2010 08:22:47
Stop time of last product within scope	02FEB2010 00:04:09
Total number of level 0 products	10
Number of level 0 products with errors	0

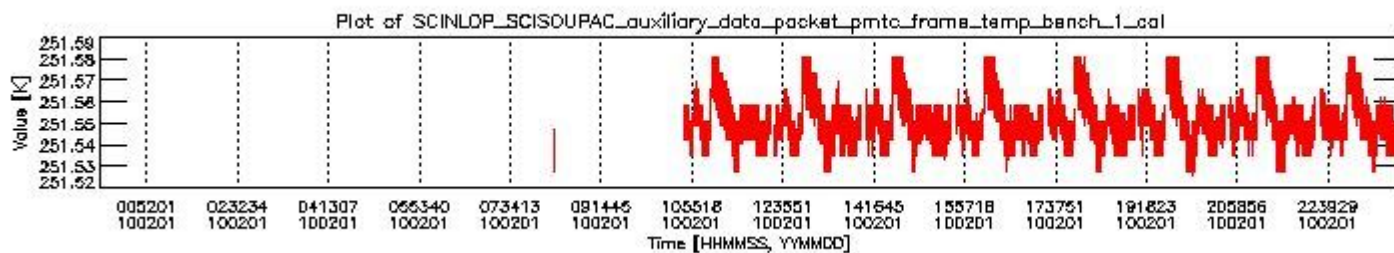
### 0.1.2 Summary per product

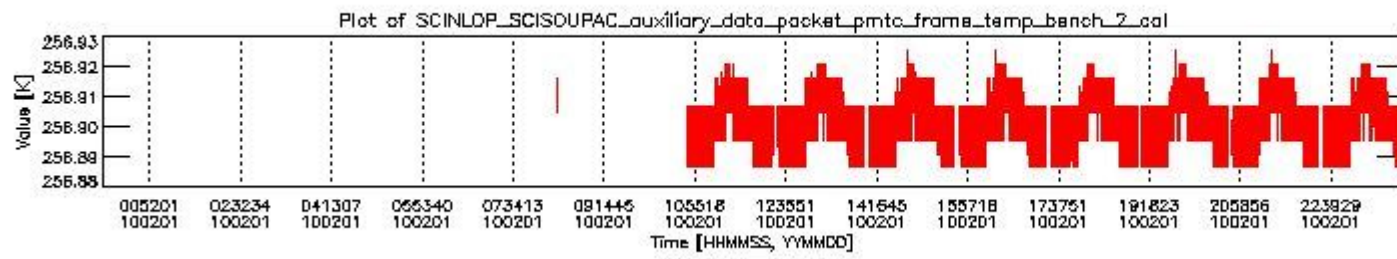
The following table shows a summary for each product used in this report.

#	Product name	Start time	Stop time	Prod err	ISP err sign	ISP miss sign	ISP disc sign	rs sign
0	SCI_NL__0PNPDK20100201_082247_000000002086_00293_41429_3985.N1	01FEB2010 08:22:47	01FEB2010 08:22:47	0	0	0	0	0
1	SCI_NL__0PNPDK20100201_104658_000021722086_00294_41430_3986.N1	01FEB2010 10:46:58	01FEB2010 11:23:10	0	0	0	0	0
2	SCI_NL__0PNPDK20100201_112202_000060352086_00295_41431_3987.N1	01FEB2010 11:22:02	01FEB2010 13:02:37	0	0	0	0	0
3	SCI_NL__0PNPDK20100201_130128_000058122086_00296_41432_3988.N1	01FEB2010 13:01:28	01FEB2010 14:38:20	0	0	0	0	0
4	SCI_NL__0PNPDK20100201_143603_000060362086_00297_41433_3989.N1	01FEB2010 14:36:03	01FEB2010 16:16:38	0	0	0	0	0
5	SCI_NL__0PNPDK20100201_161638_000059232086_00298_41434_3990.N1	01FEB2010 16:16:38	01FEB2010 17:55:21	0	0	0	0	0
6	SCI_NL__0PNPDK20100201_175329_000058702086_00299_41435_3991.N1	01FEB2010 17:53:29	01FEB2010 19:31:20	0	0	0	0	0
7	SCI_NL__0PNPDE20100201_193405_000041622086_00300_41436_0833.N1	01FEB2010 19:34:05	01FEB2010 20:43:27	0	0	0	0	0
8	SCI_NL__0PNPDE20100201_205031_000055952086_00300_41436_0834.N1	01FEB2010 20:50:31	01FEB2010 22:23:46	0	0	0	0	0
9	SCI_NL__0PNPDE20100201_223107_000055822086_00301_41437_0835.N1	01FEB2010 22:31:07	02FEB2010 00:04:09	0	0	0	0	0

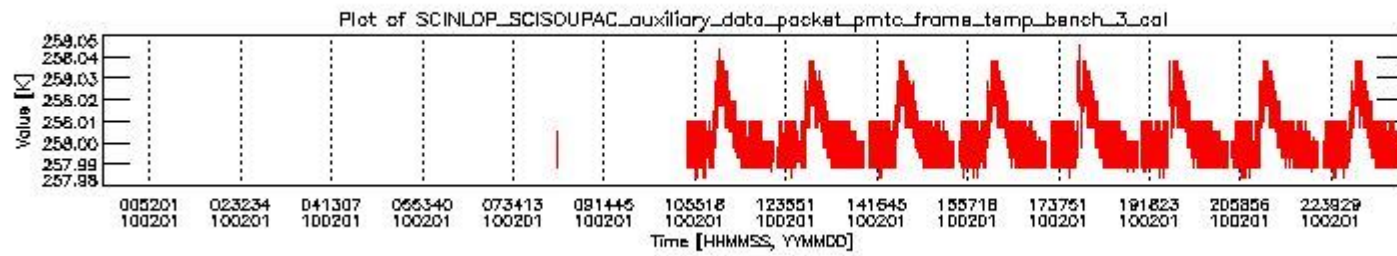
## 0.2 Product Quality Indicators

This section shows information about product quality, currently temperatures.

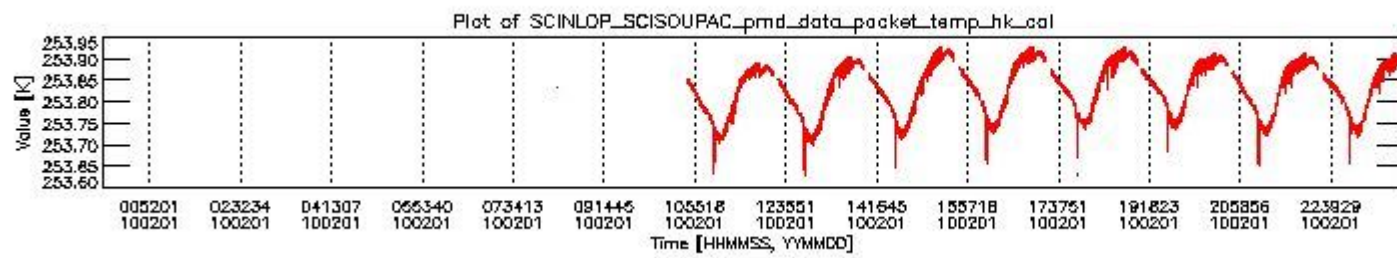




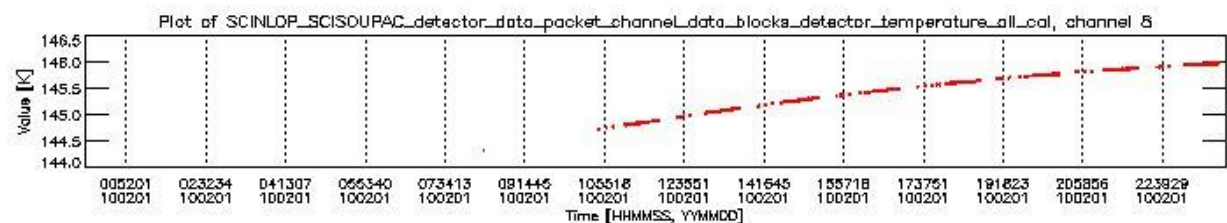
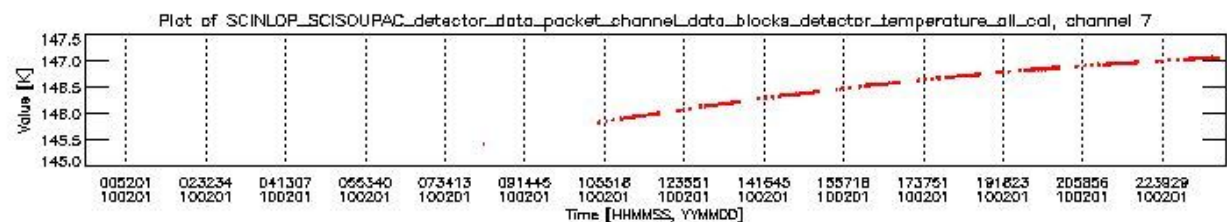
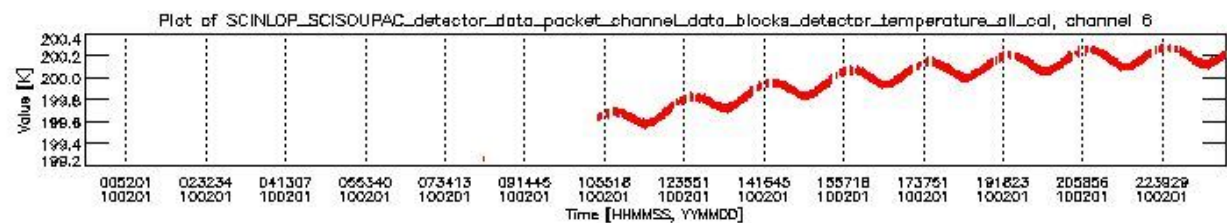
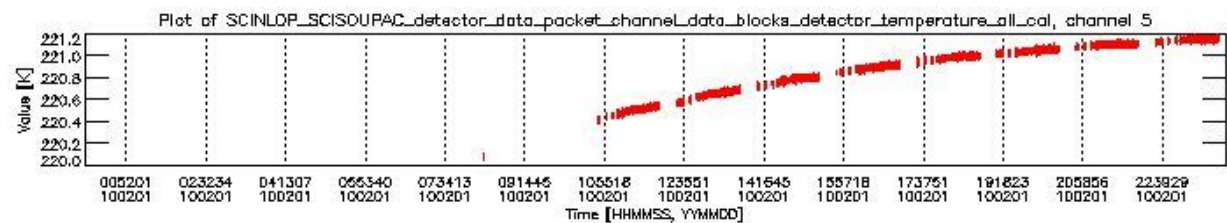
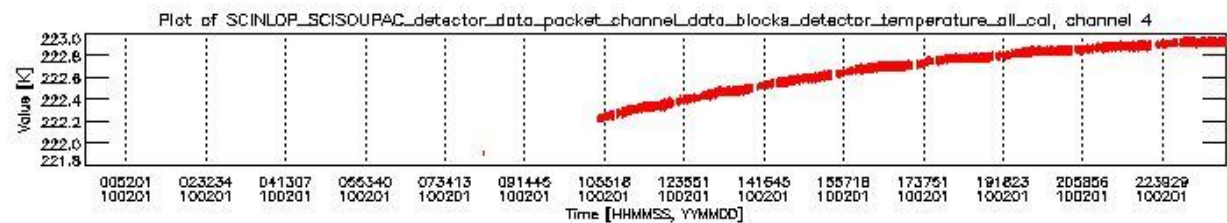
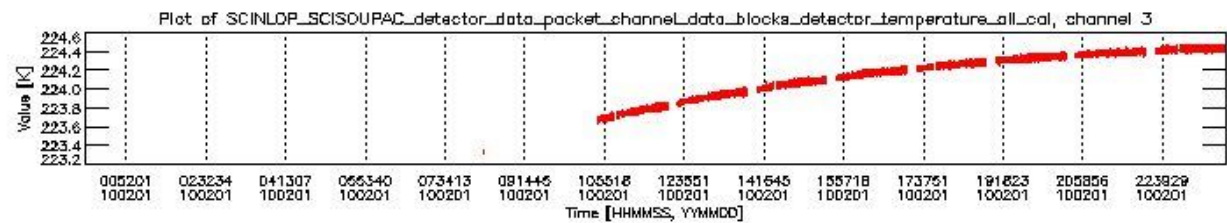
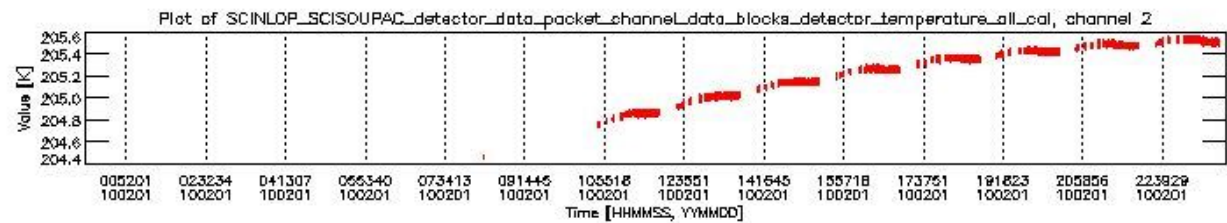
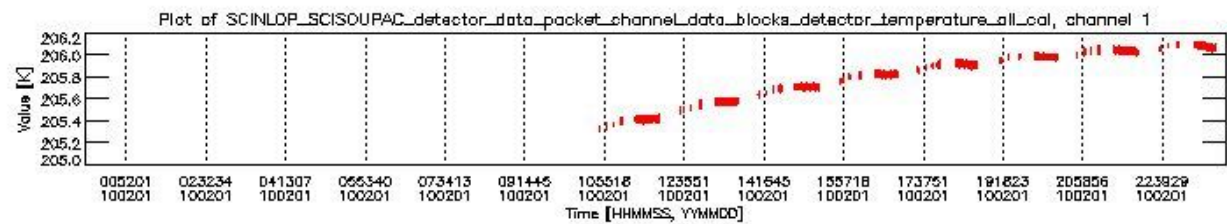
sciamachy\_daily\_report\_level0\_KSPT\_L0\_4303\_N\_20100201\_1.PNG



sciamachy\_daily\_report\_level0\_KSPT\_L0\_4303\_N\_20100201\_2.PNG



sciamachy\_daily\_report\_level0\_KSPT\_L0\_4303\_N\_20100201\_3.PNG

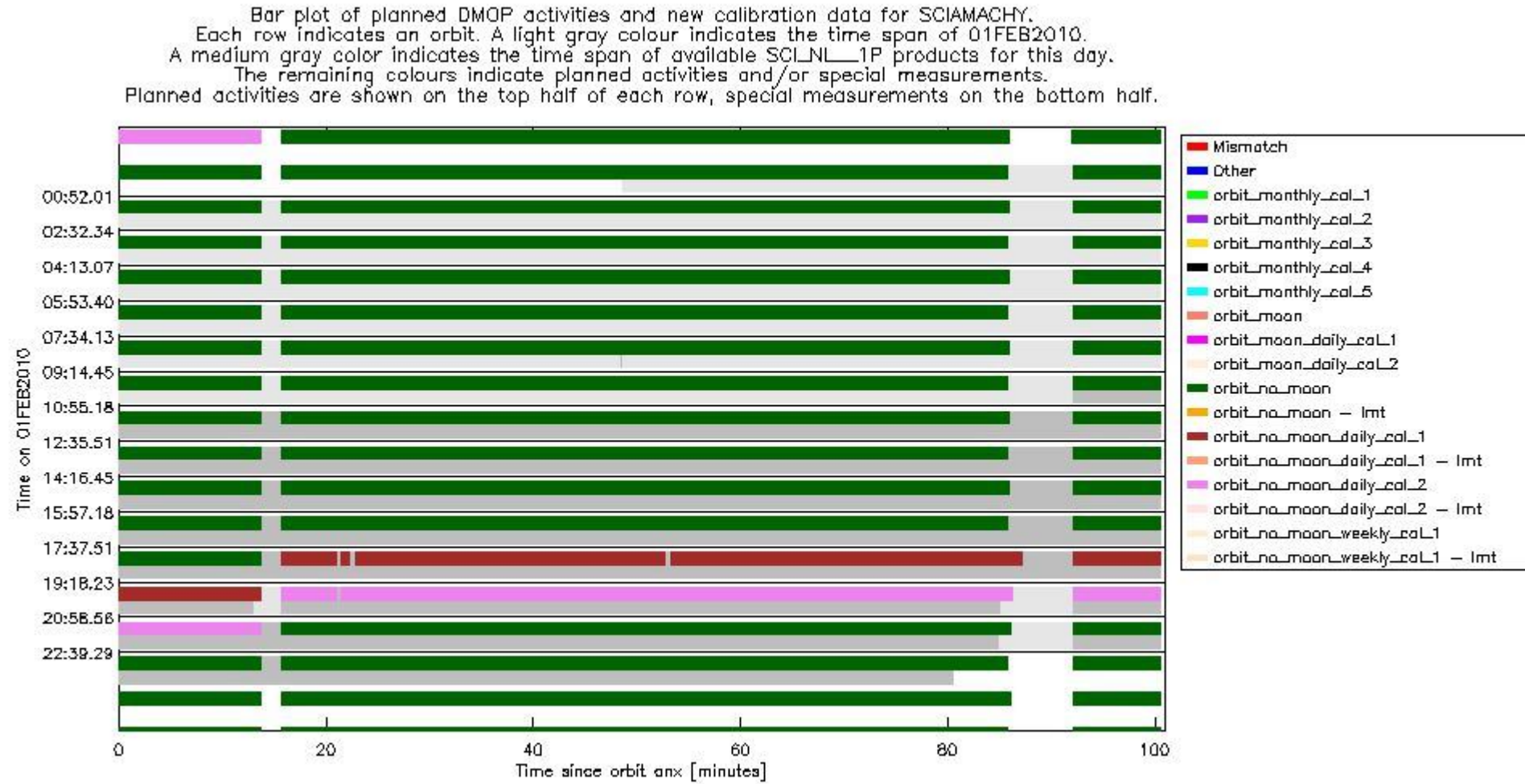




### 0.3 State monitoring

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.



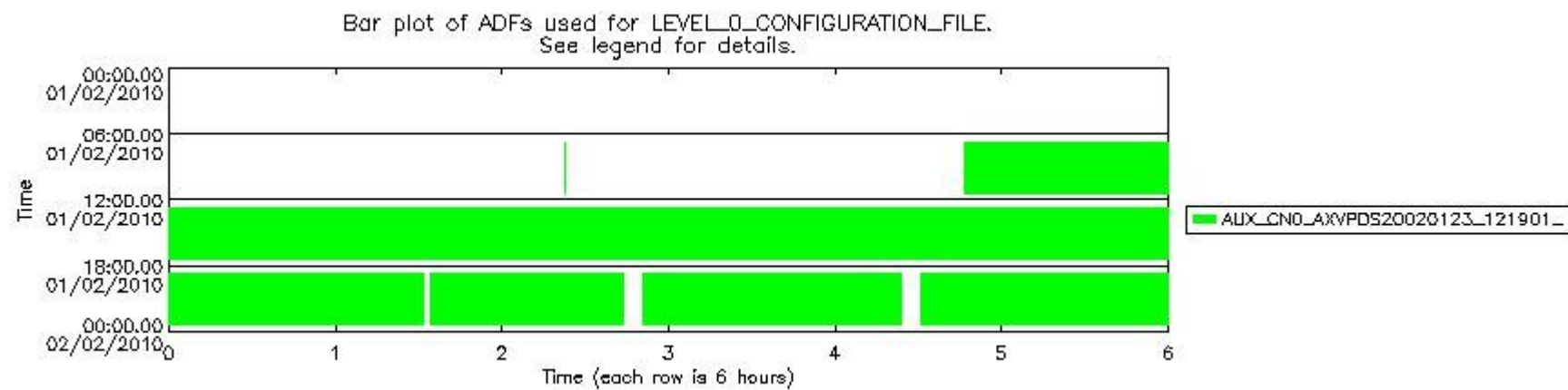
### 0.4 ADF monitoring

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

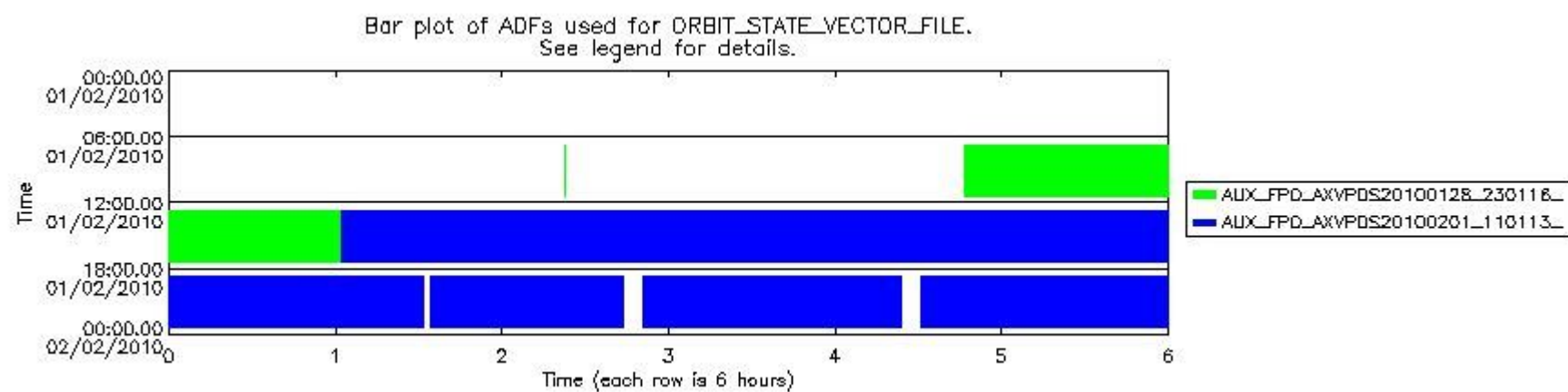
- A table showing which ADFs were used for processing (red values indicate that multiple ADFs of the same type were used)
- Various time line plots, one for each ADF, which show when which ADF was used.

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

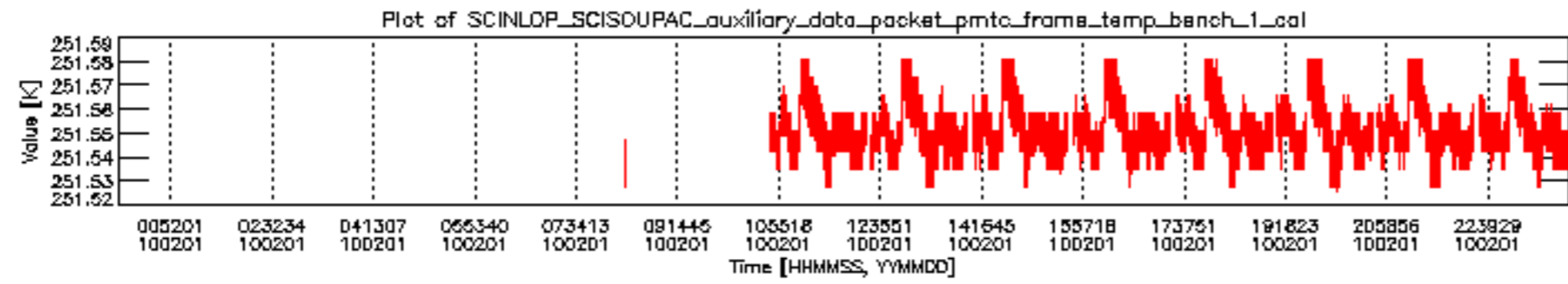
Number	ADF
	<b>CNO (LEVEL_0_CONFIGURATION_FILE)</b>
0	AUX_CNO_AXVPDS20020123_121901_20020101_000000_20200101_000000
	<b>FPO (ORBIT_STATE_VECTOR_FILE)</b>
1	AUX_FPO_AXVPDS20100128_230116_20100128_194418_20100207_211030
2	AUX_FPO_AXVPDS20100201_110113_20100131_195002_20100210_211615

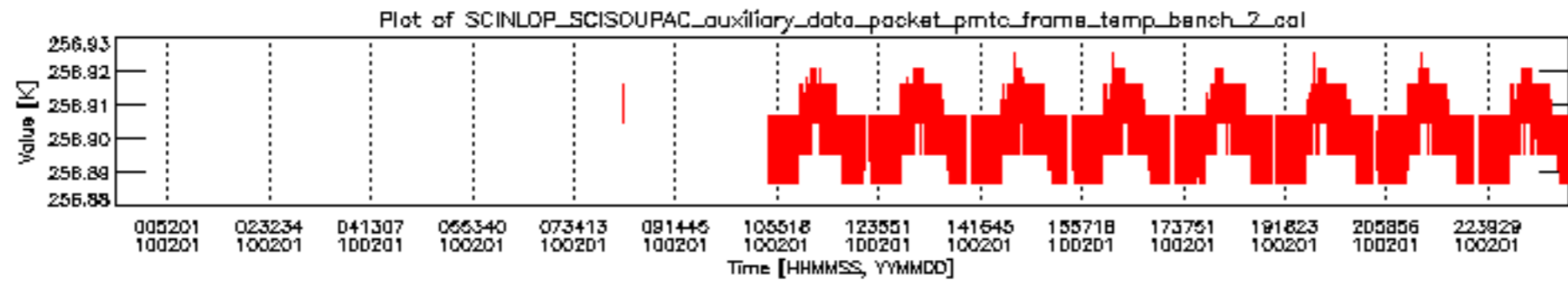


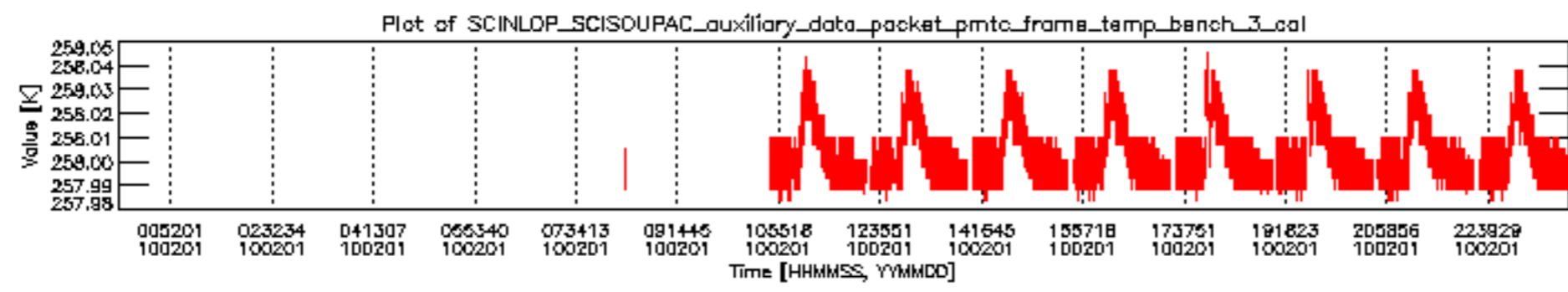
sciamachy\_daily\_report\_level0\_KSPT\_L0\_4303\_N\_20100201\_6.PNG



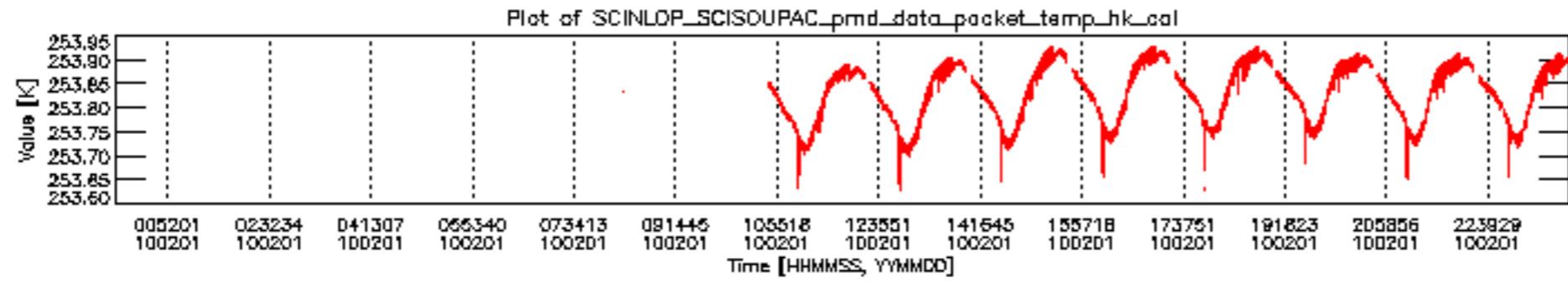
sciamachy\_daily\_report\_level0\_KSPT\_L0\_4303\_N\_20100201\_7.PNG

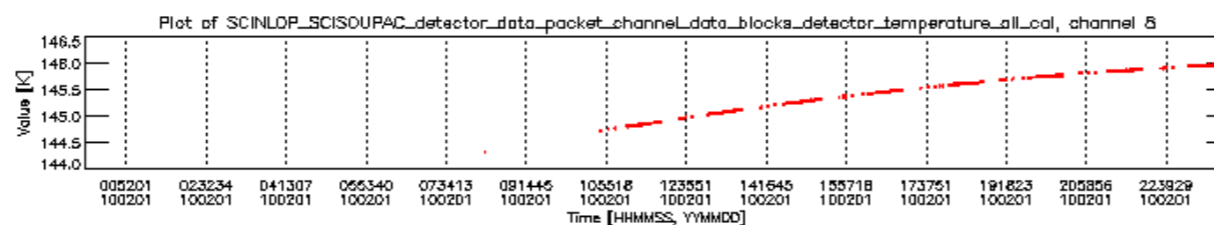
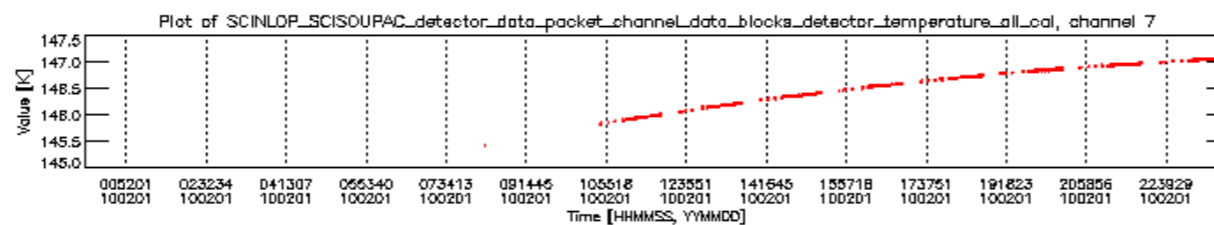
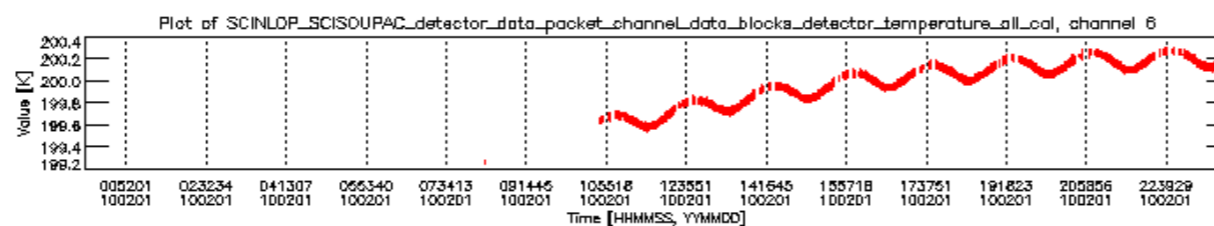
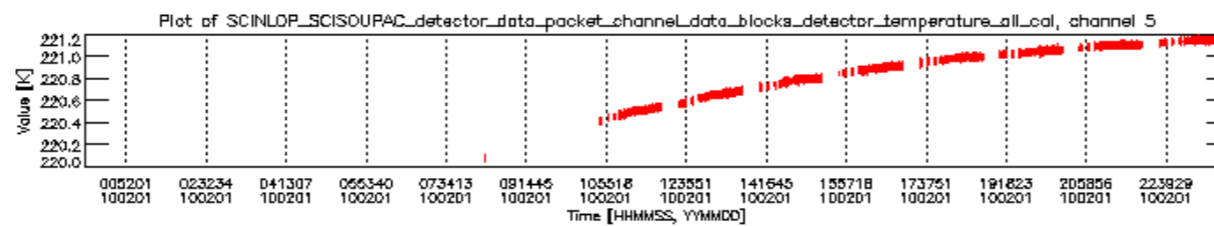
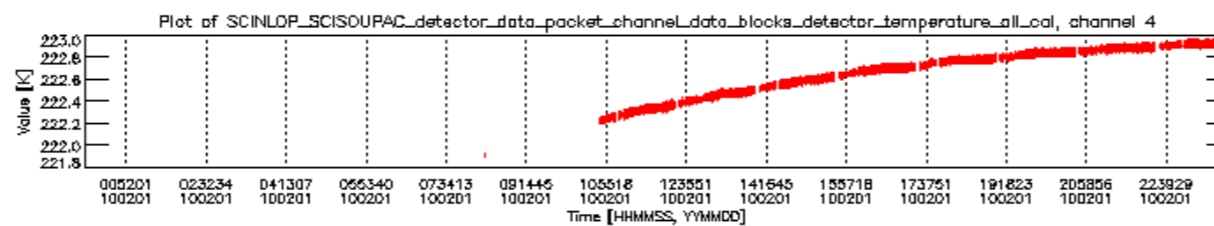
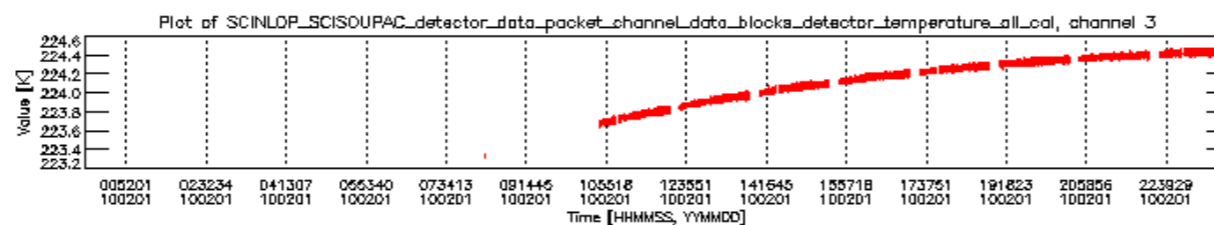
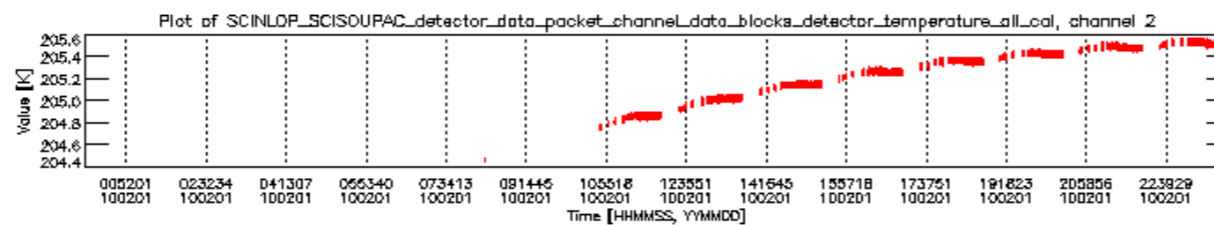
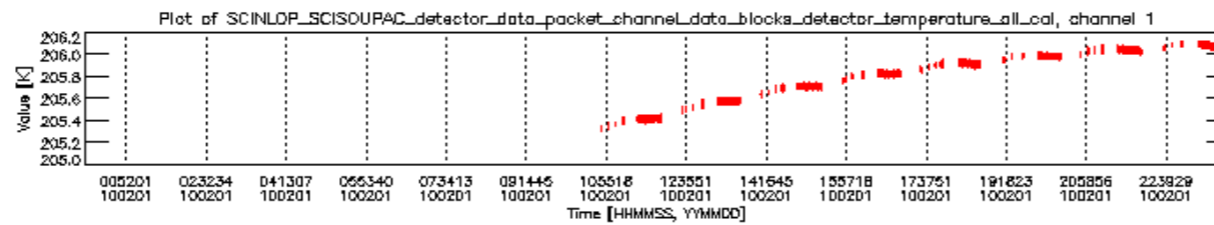




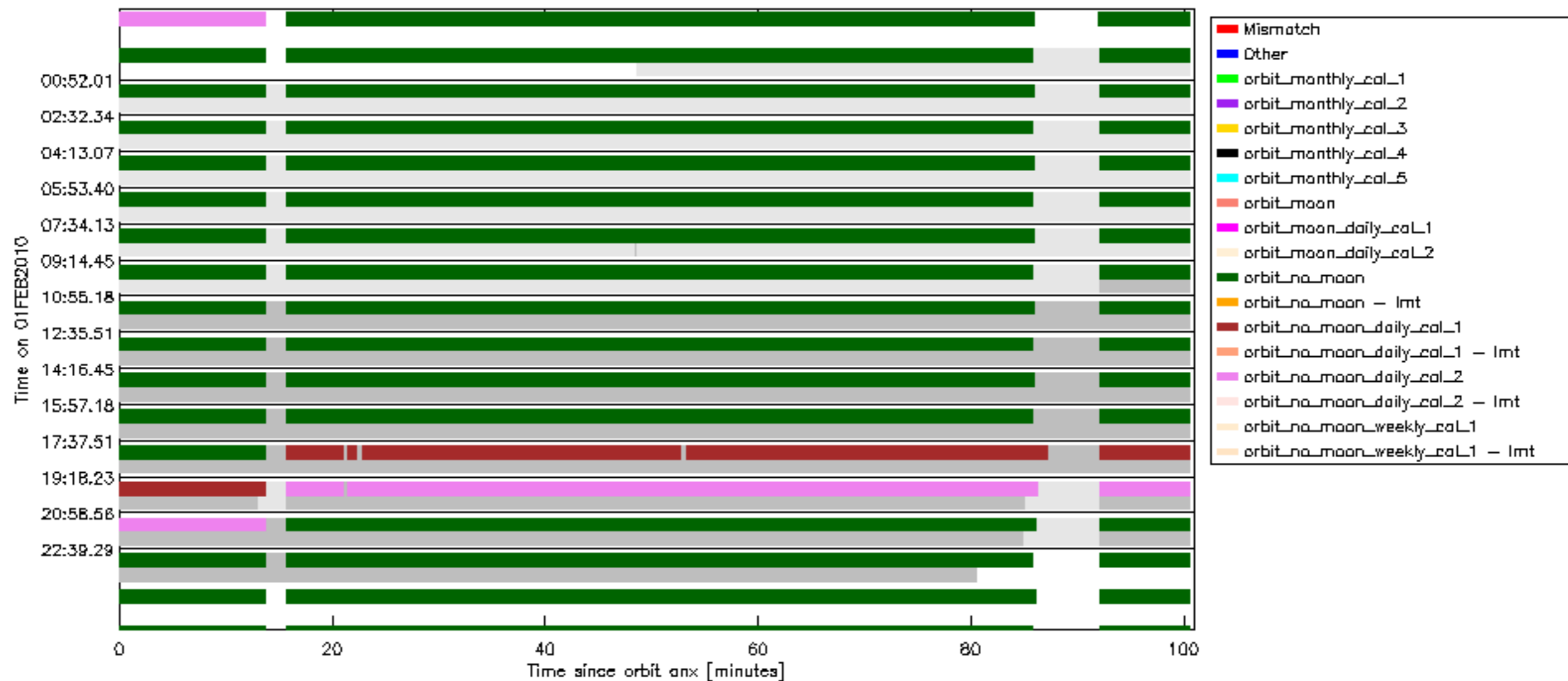


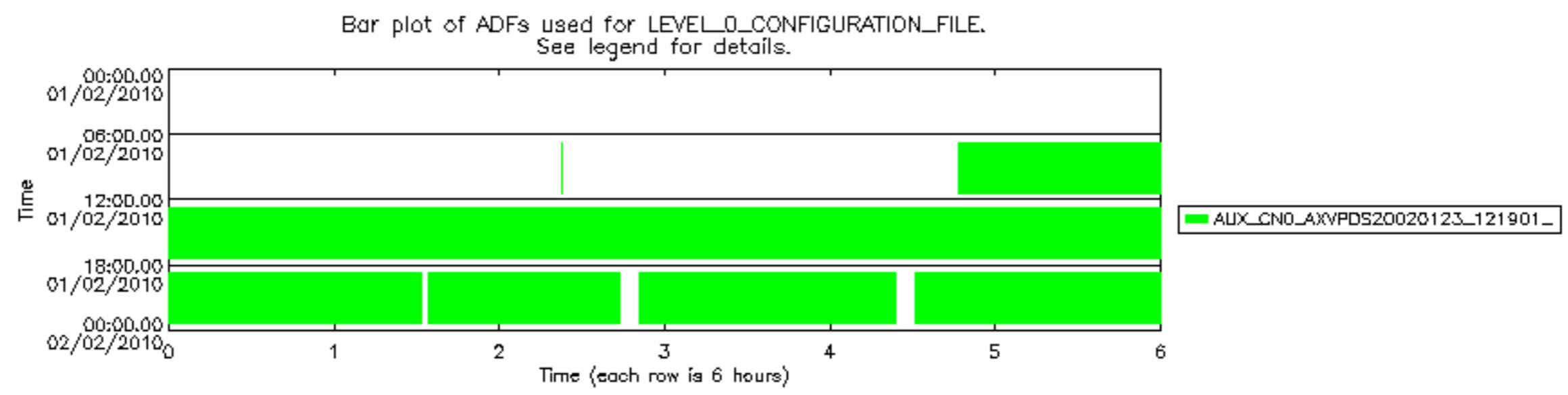






Bar plot of planned DMOP activities and new calibration data for SCIAMACHY.  
 Each row indicates an orbit. A light gray colour indicates the time span of 01FEB2010.  
 A medium gray color indicates the time span of available SCINL1P products for this day.  
 The remaining colours indicate planned activities 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.

