

## 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	12JUL2010 16:52:22
Data source version	<Any version>
Processing scope for products	25JUN2010 00:00:00 to 26JUN2010 00:00:00
Start time of first product within scope	25JUN2010 00:14:27
Stop time of last product within scope	26JUN2010 01:23:26
Total number of Level 0 products	17
Number of Level 0 products with errors	1

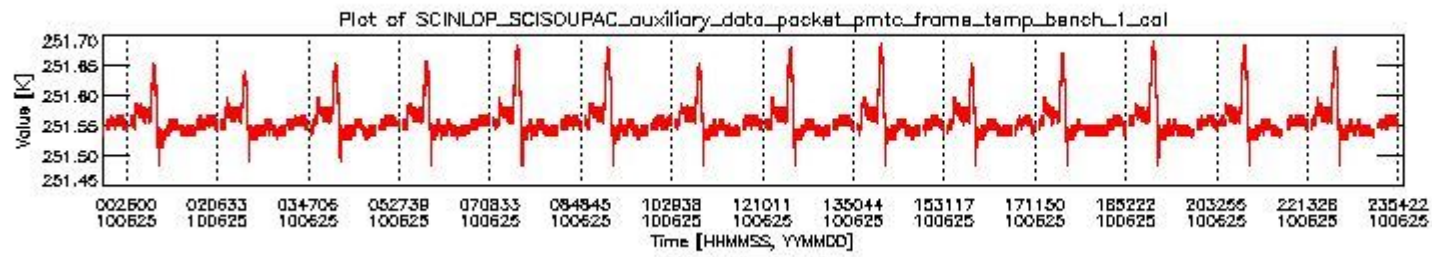
### 0.1.2 Summary per product

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

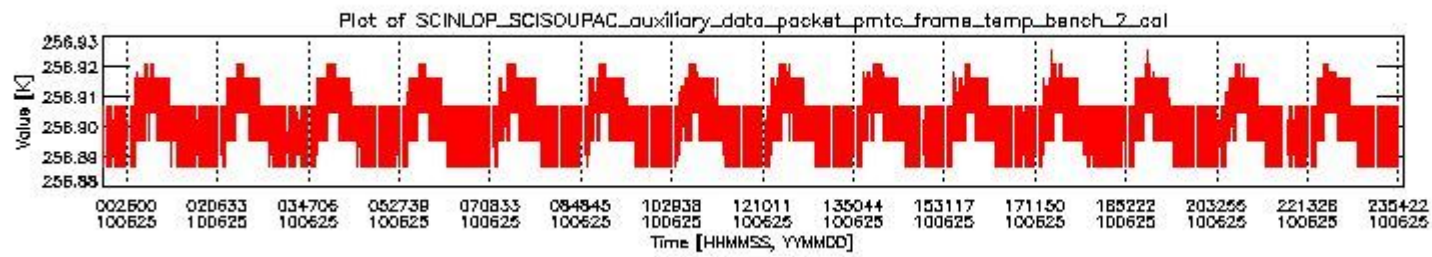
#	Product name	Start time	Stop time	Prod err	ISP err sign	ISP miss sign	ISP disc sign	rs sign
0	SCI_NL__OPNPDE20100625_001427_000058632090_00345_43485_1717.N1	25JUN2010 00:14:27	25JUN2010 01:52:10	0	0	0	0	0
1	SCI_NL__OPNPDE20100625_015123_000043522090_00346_43486_1718.N1	25JUN2010 01:51:23	25JUN2010 03:03:54	0	0	0	0	0
2	SCI_NL__OPNPDE20100625_030656_000060322090_00347_43487_1719.N1	25JUN2010 03:06:56	25JUN2010 04:47:27	0	0	0	0	0
3	SCI_NL__OPNPDE20100625_044727_000060312090_00348_43488_1720.N1	25JUN2010 04:47:27	25JUN2010 06:27:59	0	0	0	0	0
4	SCI_NL__OPNPDK20100625_062759_000041342090_00349_43489_1761.N1	25JUN2010 06:27:59	25JUN2010 07:36:53	0	0	0	0	0
5	SCI_NL__OPNPDK20100625_073545_000060922090_00350_43490_1762.N1	25JUN2010 07:35:45	25JUN2010 09:17:16	1	1	0	0	0
6	SCI_NL__OPNPDK20100625_091716_000060492090_00351_43491_1763.N1	25JUN2010 09:17:16	25JUN2010 10:58:05	0	0	0	0	0
7	SCI_NL__OPNPDK20100625_105656_000046912090_00352_43492_1764.N1	25JUN2010 10:56:56	25JUN2010 12:15:07	0	0	0	0	0
8	SCI_NL__OPNPDK20100625_121507_000012772090_00353_43493_1765.N1	25JUN2010 12:15:07	25JUN2010 12:36:24	0	0	0	0	0
9	SCI_NL__OPNPDK20100625_123624_000059802090_00353_43493_1766.N1	25JUN2010 12:36:24	25JUN2010 14:16:04	0	0	0	0	0
10	SCI_NL__OPNPDK20100625_141508_000058432090_00354_43494_1767.N1	25JUN2010 14:15:08	25JUN2010 15:52:31	0	0	0	0	0
11	SCI_NL__OPNPDK20100625_155231_000059342090_00355_43495_1768.N1	25JUN2010 15:52:31	25JUN2010 17:31:24	0	0	0	0	0
12	SCI_NL__OPNPDK20100625_173124_000059102090_00356_43496_1769.N1	25JUN2010 17:31:24	25JUN2010 19:09:54	0	0	0	0	0
13	SCI_NL__OPNPDK20100625_190920_000060362090_00357_43497_1770.N1	25JUN2010 19:09:20	25JUN2010 20:49:57	0	0	0	0	0
14	SCI_NL__OPNPDE20100625_204826_000042462090_00358_43498_1721.N1	25JUN2010 20:48:26	25JUN2010 21:59:12	0	0	0	0	0
15	SCI_NL__OPNPDE20100625_215912_000062502090_00358_43498_1722.N1	25JUN2010 21:59:12	25JUN2010 23:43:23	0	0	0	0	0
16	SCI_NL__OPNPDE20100625_234238_000060482090_00359_43499_1723.N1	25JUN2010 23:42:38	26JUN2010 01:23:26	0	0	0	0	0

## 0.2 Product Quality Indicators

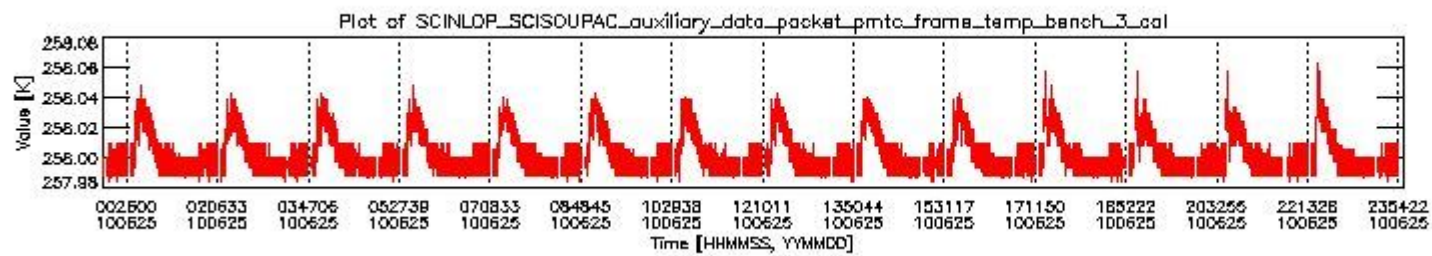
This section shows information about product quality, currently temperatures.



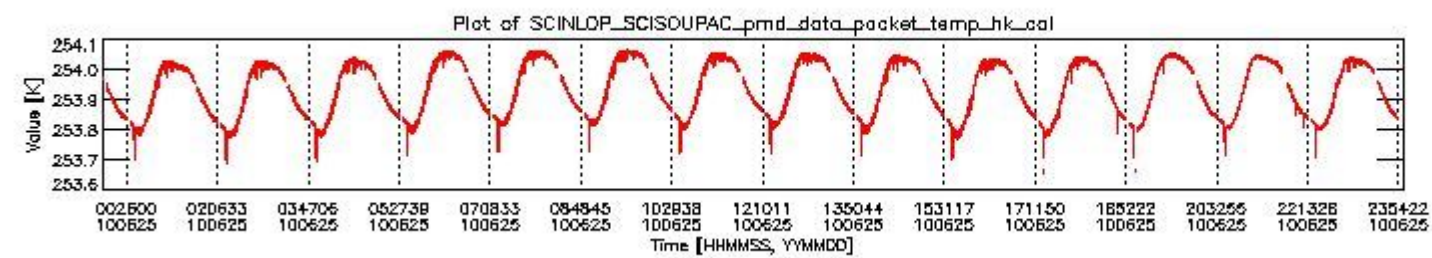
sciamachy\_daily\_report\_level0\_Any\_version\_20100625\_0.PNG



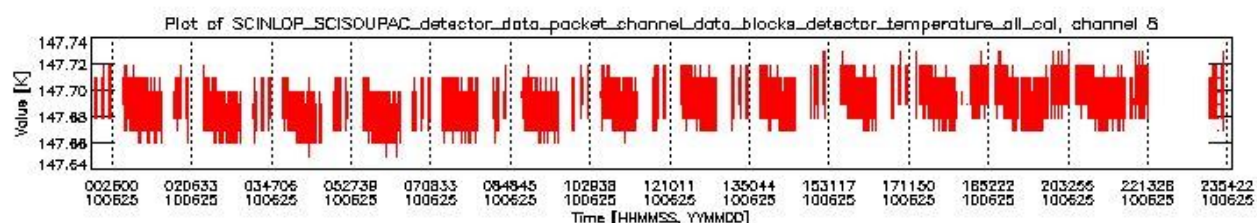
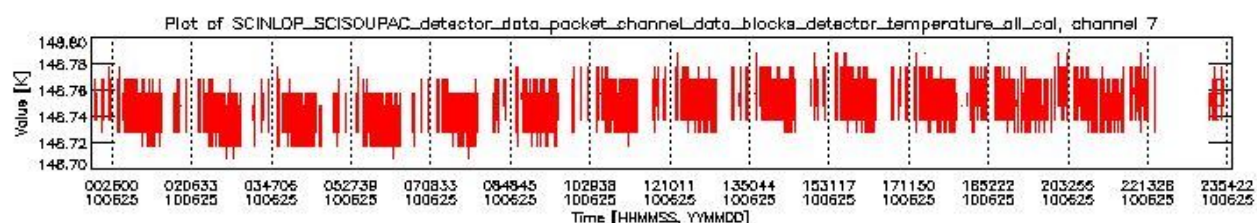
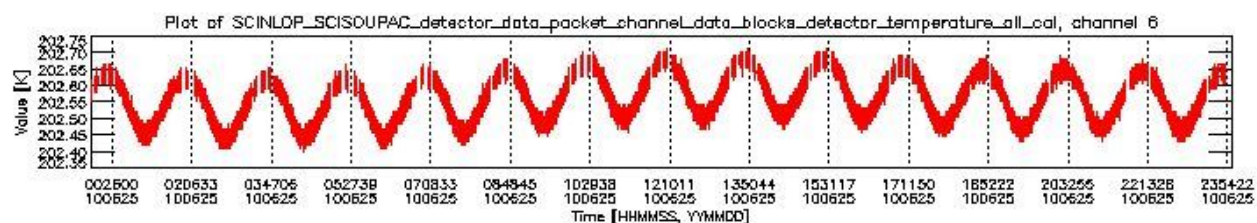
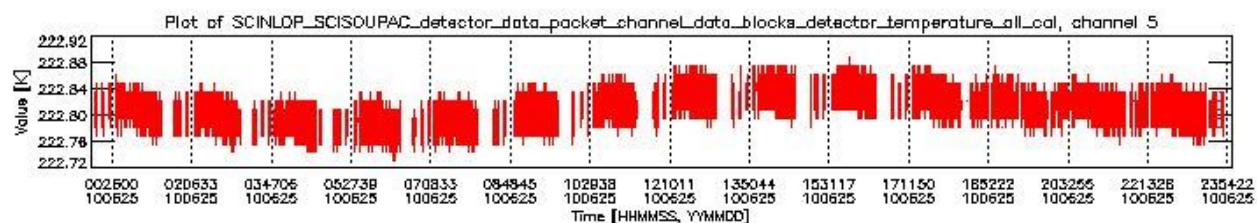
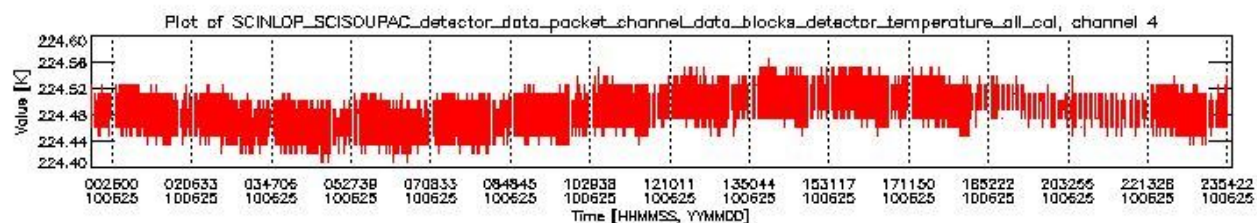
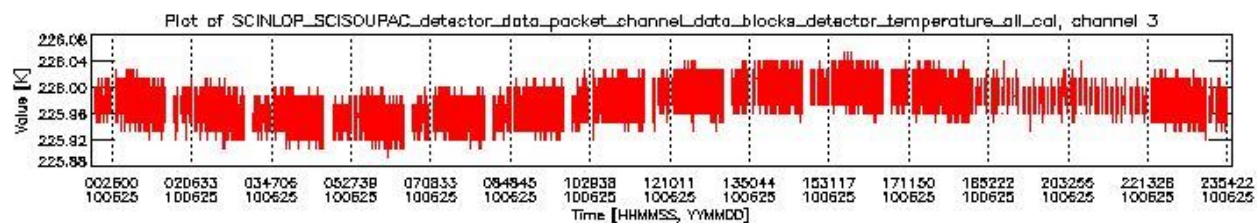
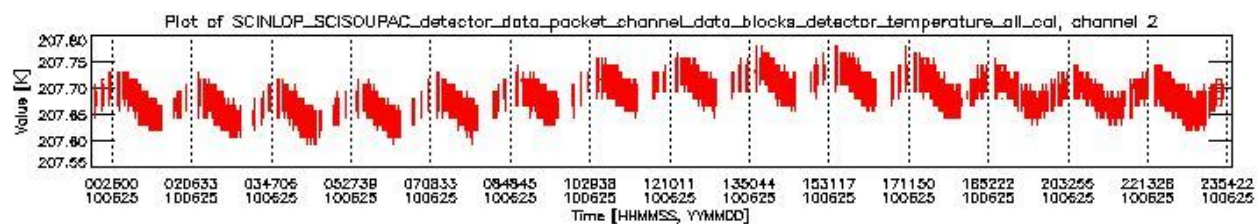
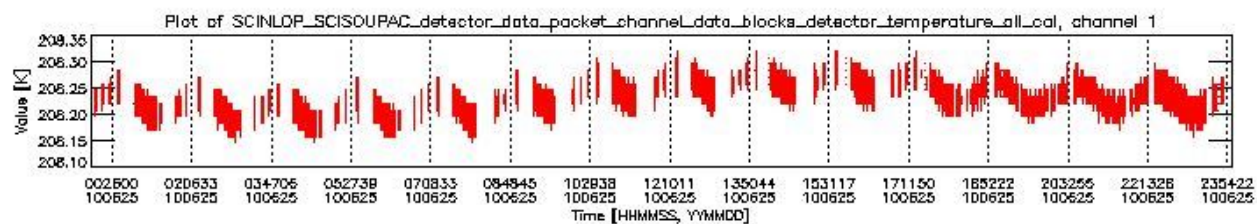
sciamachy\_daily\_report\_level0\_Any\_version\_20100625\_1.PNG



sciamachy\_daily\_report\_level0\_Any\_version\_20100625\_2.PNG



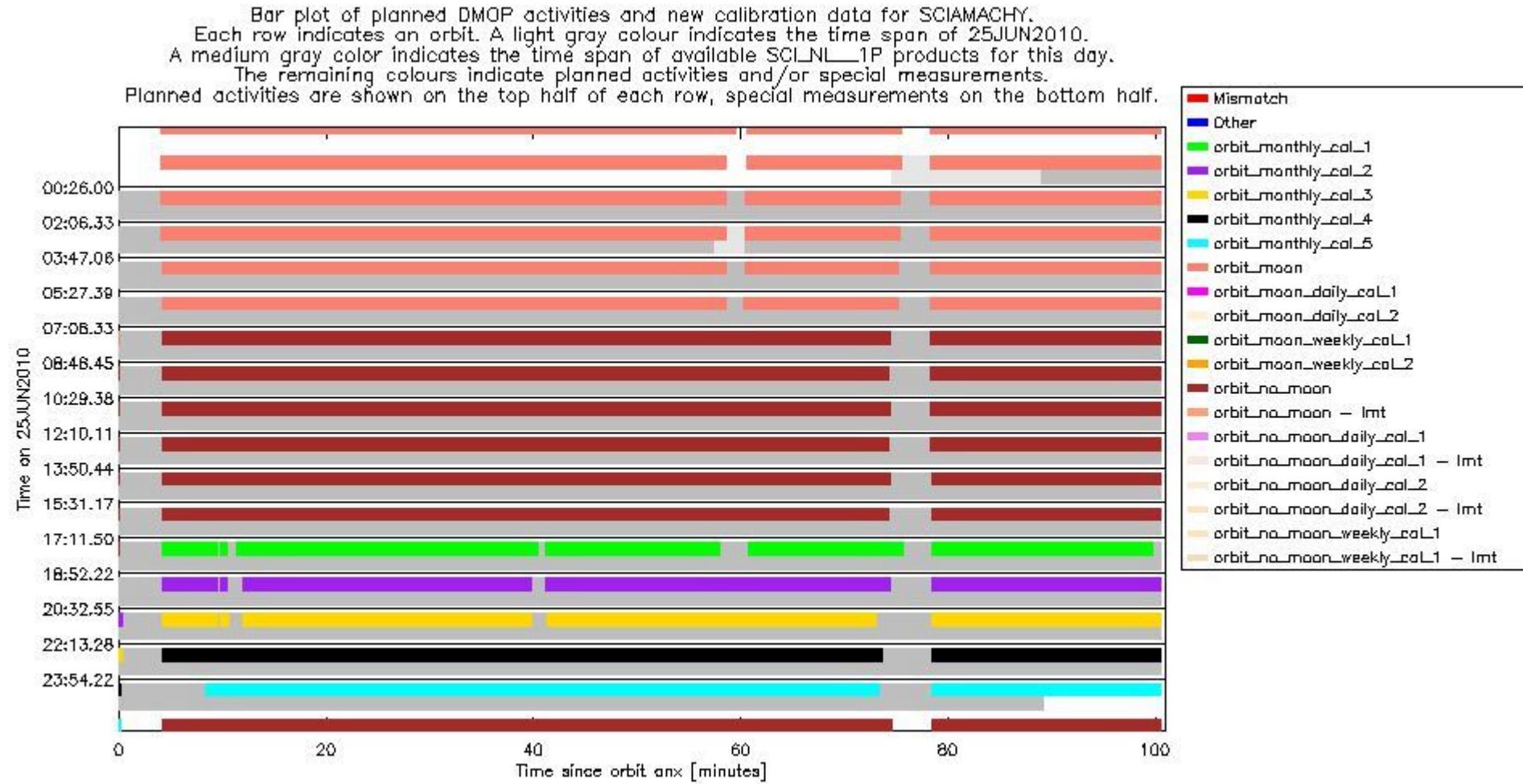
sciamachy\_daily\_report\_level0\_Any\_version\_20100625\_3.PNG



### 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.



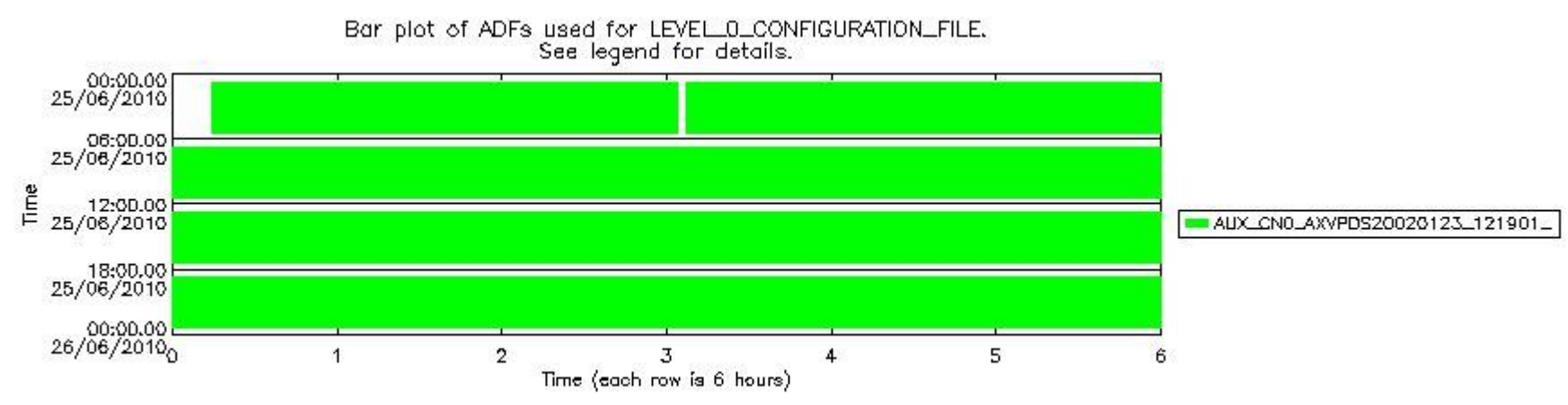
### 0.4 ADF monitoring

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

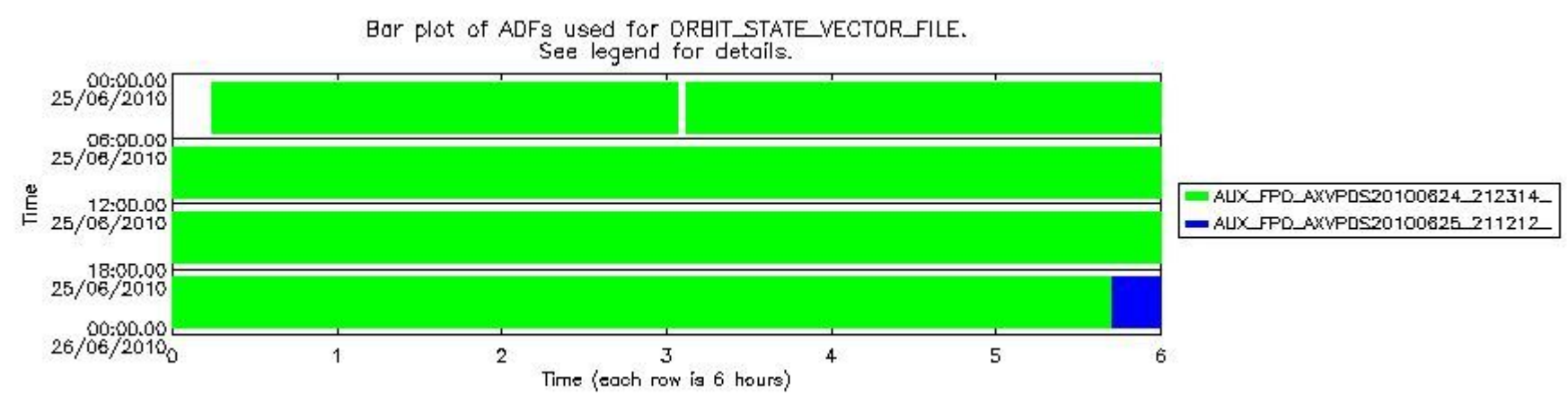
- A table showing which ADFs were used for processing (red values indicate that multiple ADFs of the same type were used)
- Various time line plots, one for each ADF, showing when and which ADF was used.

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

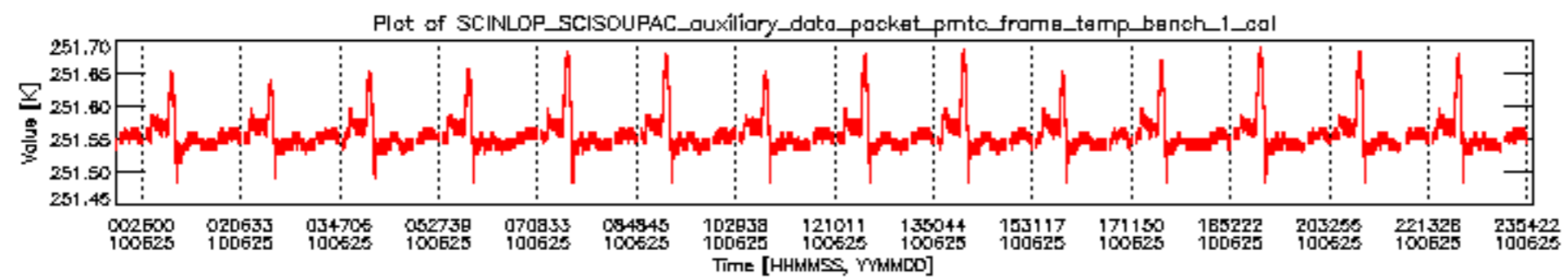
Number	ADF
	<b>CNO (LEVEL_0_CONFIGURATION_FILE)</b>
0	AUX_CNO_AXVPDS20020123_121901_20020101_000000_20200101_000000
	<b>FPO (ORBIT_STATE_VECTOR_FILE)</b>
1	AUX_FPO_AXVPDS20100624_212314_20100624_092031_20100704_104645
2	AUX_FPO_AXVPDS20100625_211212_20100624_192407_20100704_205020

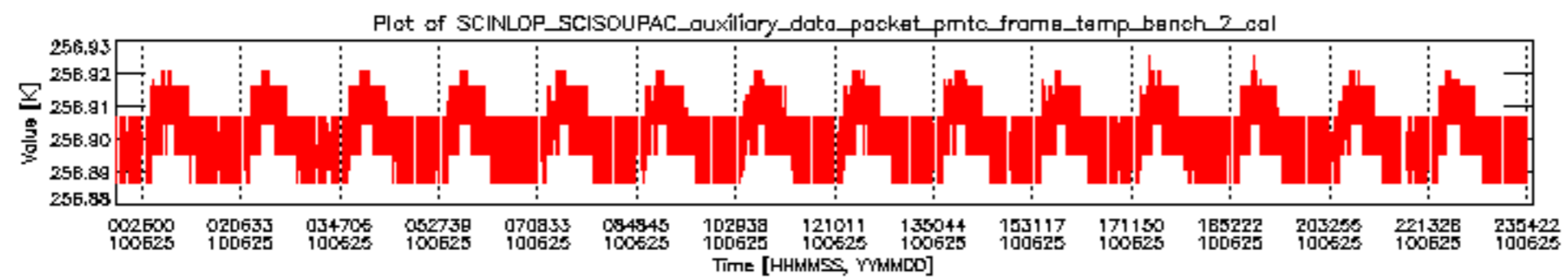


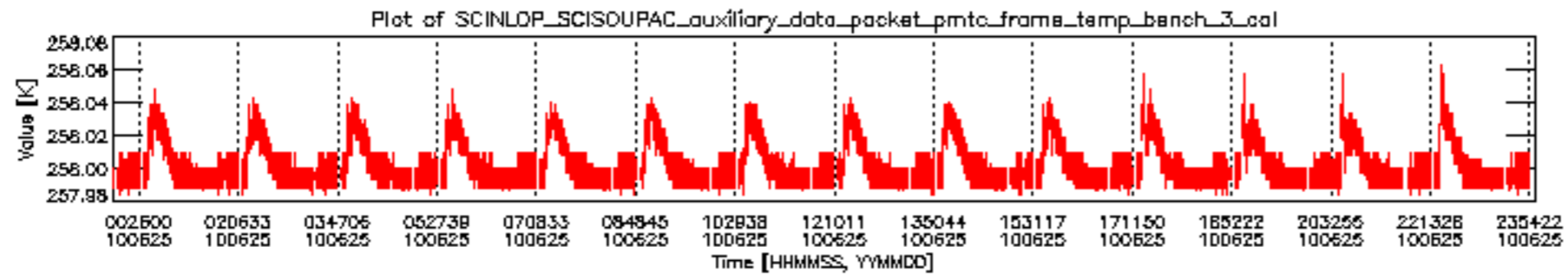
sciamachy\_daily\_report\_level0\_Any\_version\_20100625\_6.PNG



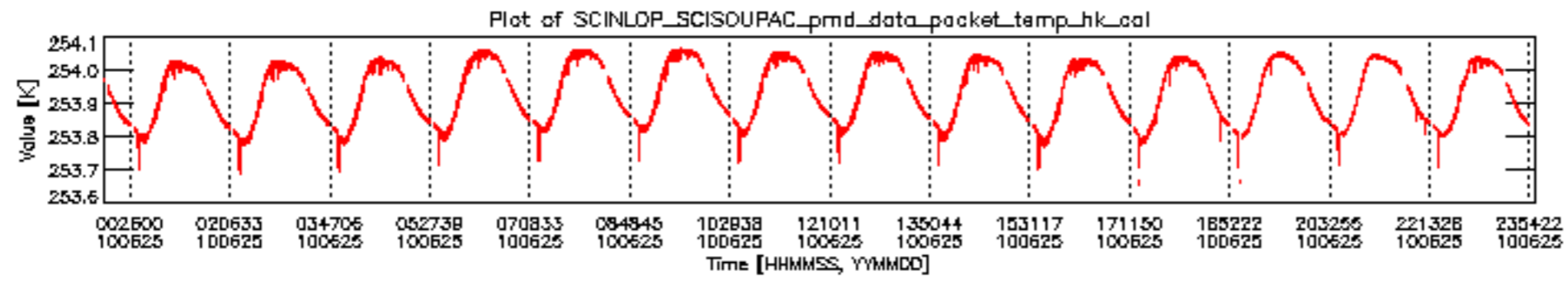
sciamachy\_daily\_report\_level0\_Any\_version\_20100625\_7.PNG

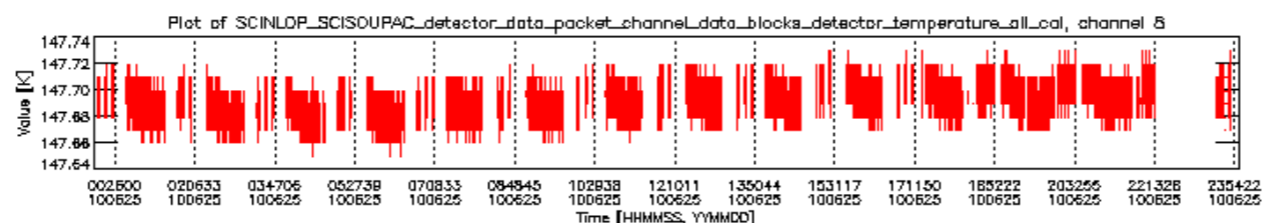
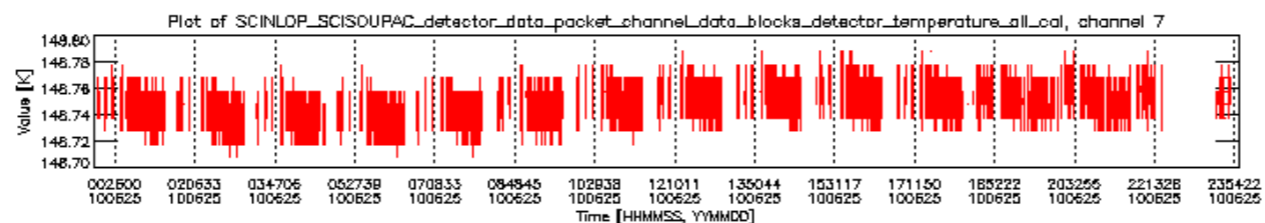
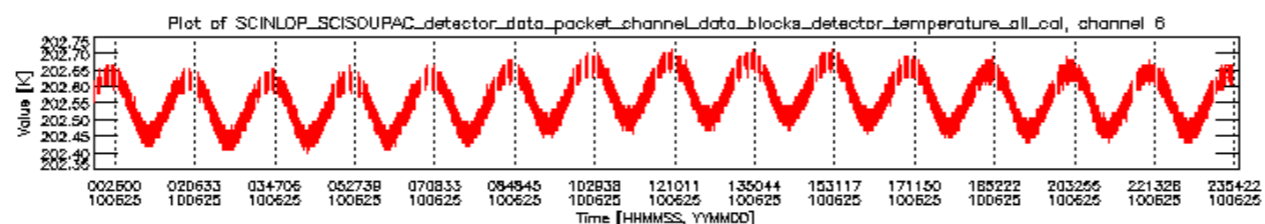
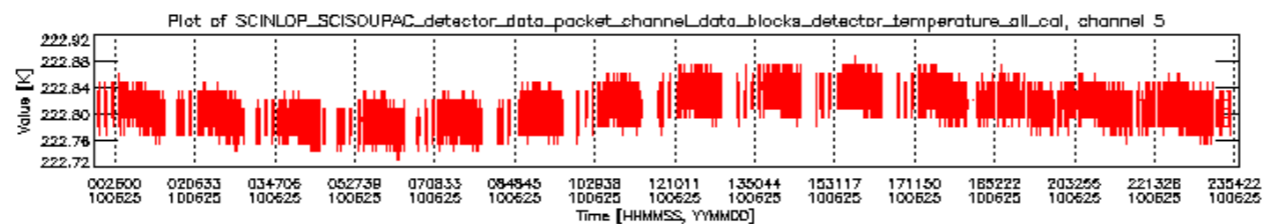
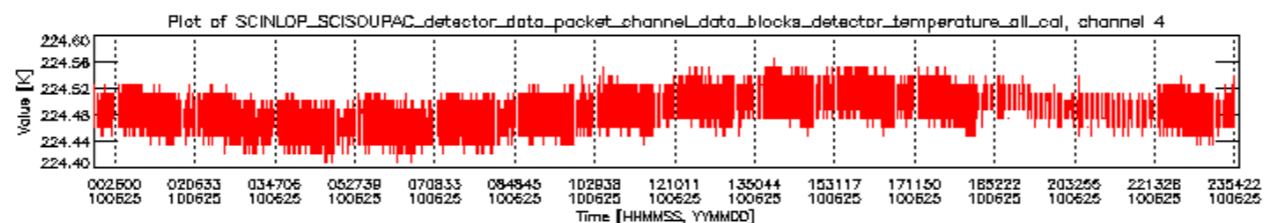
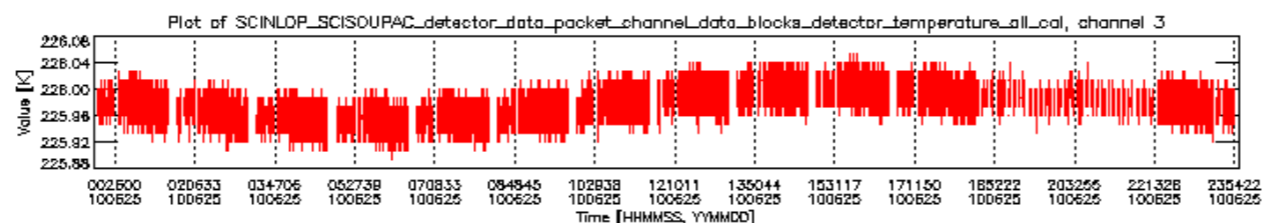
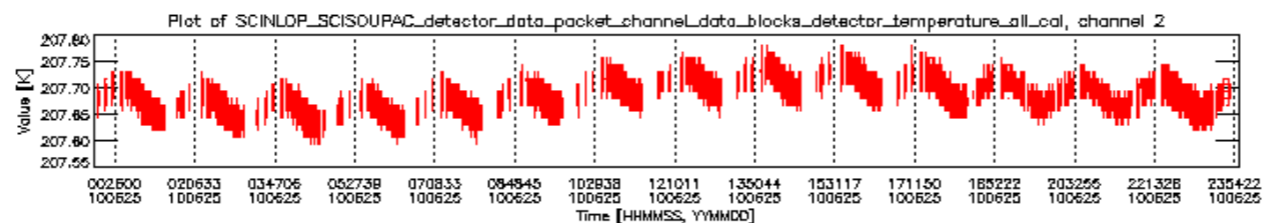
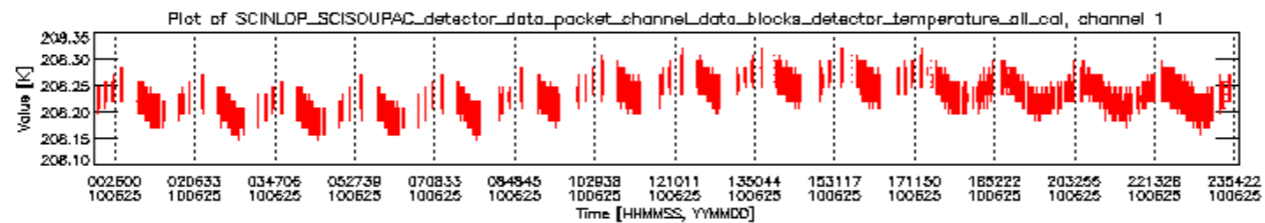




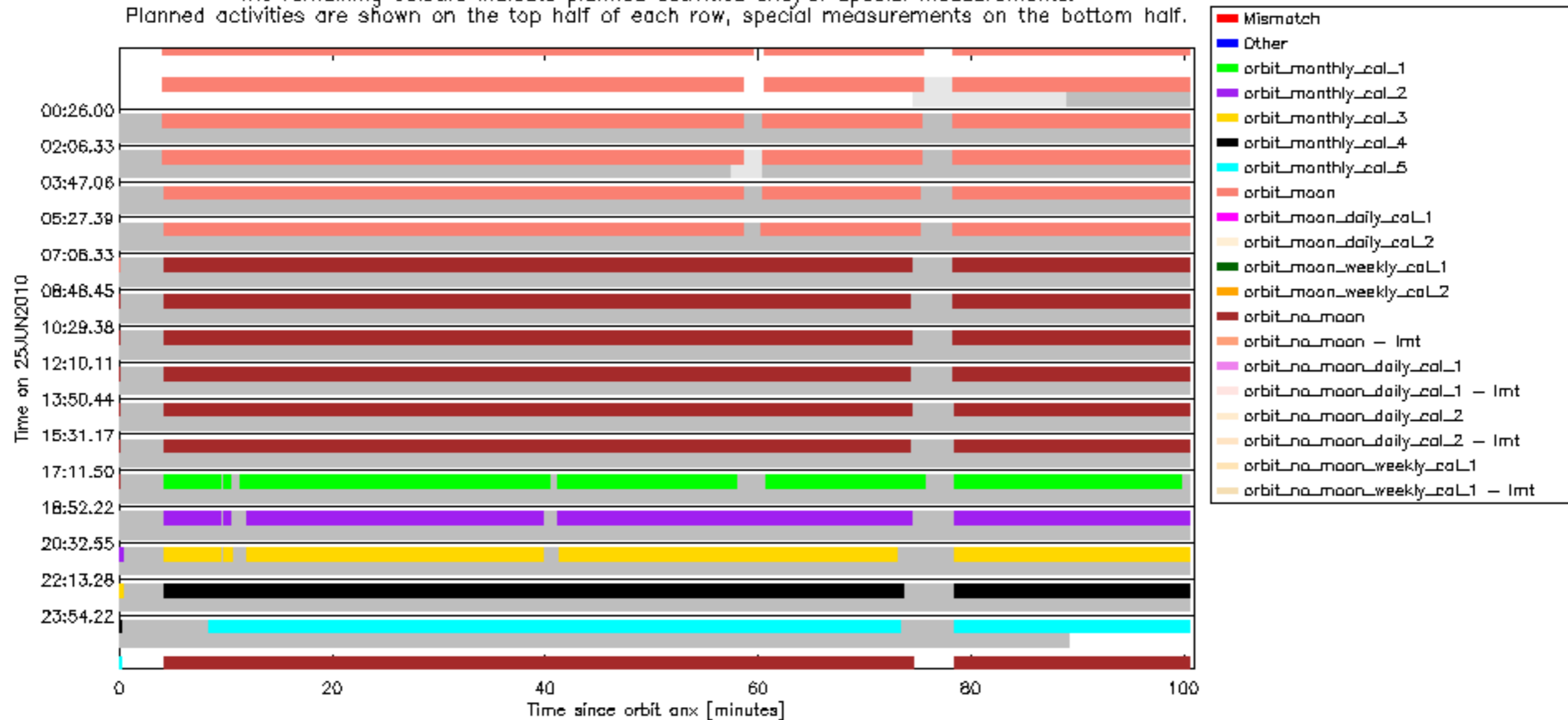


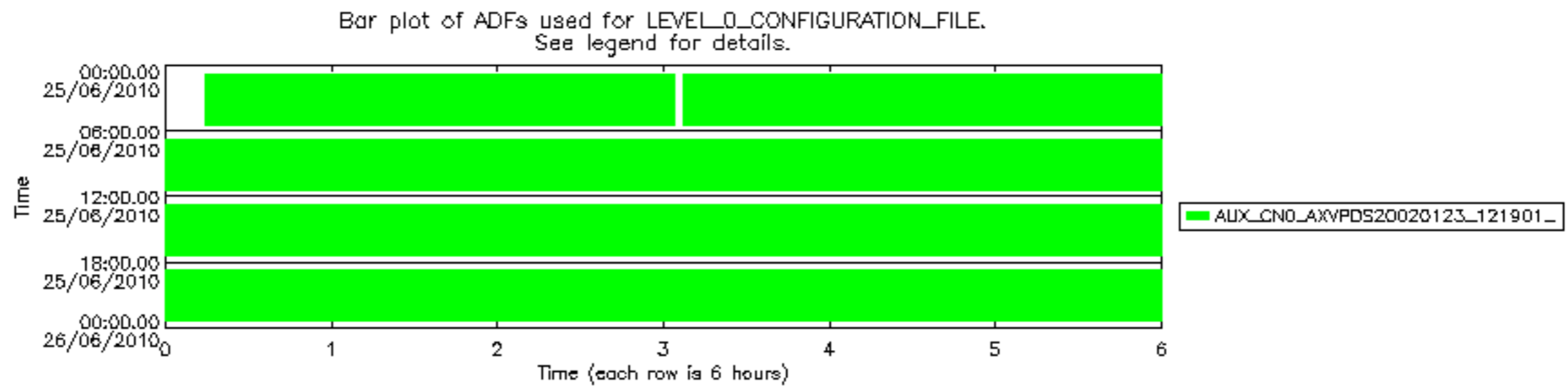






Bar plot of planned DMOP activities and new calibration data for SCIAMACHY.  
 Each row indicates an orbit. A light gray colour indicates the time span of 25JUN2010.  
 A medium gray color indicates the time span of available SCINL\_1P products for this day.  
 The remaining colours indicate planned activities and/or special measurements.  
 Planned activities are shown on the top half of each row, special measurements on the bottom half.





Bar plot of ADFs used for ORBIT\_STATE\_VECTOR\_FILE.  
See legend for details.

