

## 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	25JAN2012 12:43:28
Data source version	KSPT_L0/4504-N
Processing scope for products	18JAN2012 00:00:00 to 19JAN2012 00:00:00
Start time of first product within scope	18JAN2012 01:21:13
Stop time of last product within scope	19JAN2012 00:44:24
Total number of Level 0 products	14
Number of Level 0 products with errors	0

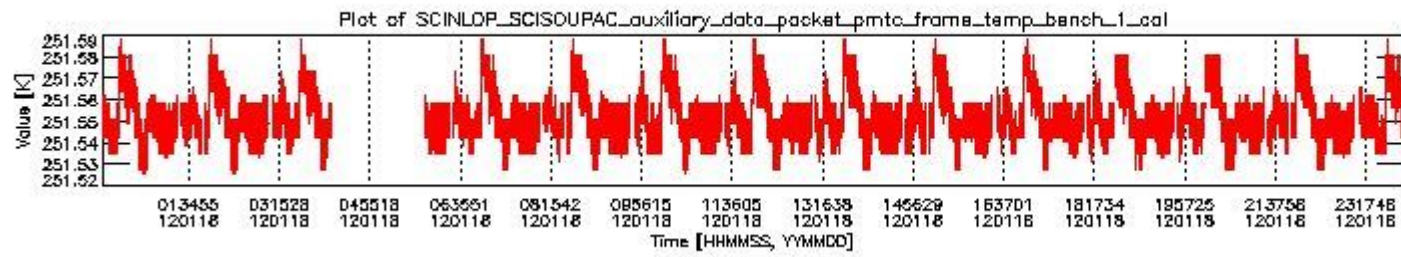
### 0.1.2 Summary per product

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

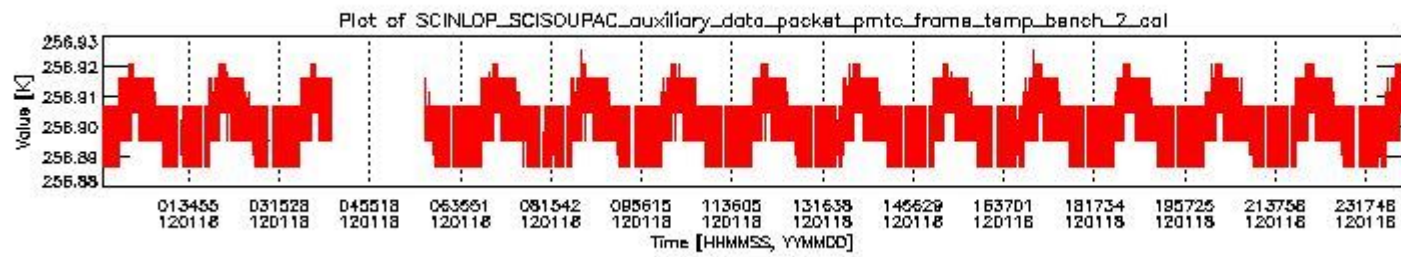
#	Product name	Start time	Stop time	Prod err	ISP err sign	ISP miss sign	ISP disc sign	rs sign
0	SCI_NL__OPNPDE20120118_012113_000102913110_00390_51697_4715.N1	18JAN2012 01:21:13	18JAN2012 04:12:45	0	0	0	0	0
1	SCI_NL__OPNPDE20120118_030738_000039063110_00391_51698_4716.N1	18JAN2012 03:07:38	18JAN2012 04:12:45	0	0	0	0	0
2	SCI_NL__OPNPDE20120118_055515_000061913110_00393_51700_4718.N1	18JAN2012 05:55:15	18JAN2012 07:38:26	0	0	0	0	0
3	SCI_NL__OPNPDK20120118_073826_000038733110_00394_51701_7081.N1	18JAN2012 07:38:26	18JAN2012 08:42:59	0	0	0	0	0
4	SCI_NL__OPNPDK20120118_084150_000061363110_00395_51702_7082.N1	18JAN2012 08:41:50	18JAN2012 10:24:07	0	0	0	0	0
5	SCI_NL__OPNPDK20120118_102258_000060283110_00396_51703_7083.N1	18JAN2012 10:22:58	18JAN2012 12:03:26	0	0	0	0	0
6	SCI_NL__OPNPDK20120118_120217_000060683110_00397_51704_7084.N1	18JAN2012 12:02:17	18JAN2012 13:43:25	0	0	0	0	0
7	SCI_NL__OPNPDK20120118_134231_000057133110_00398_51705_7085.N1	18JAN2012 13:42:31	18JAN2012 15:17:44	0	0	0	0	0
8	SCI_NL__OPNPDK20120118_151744_000060143110_00399_51706_7086.N1	18JAN2012 15:17:44	18JAN2012 16:57:58	0	0	0	0	0
9	SCI_NL__OPNPDK20120118_165703_000059053110_00400_51707_7087.N1	18JAN2012 16:57:03	18JAN2012 18:35:28	0	0	0	0	0
10	SCI_NL__OPNPDK20120118_183434_000057853110_00401_51708_7088.N1	18JAN2012 18:34:34	18JAN2012 20:10:59	0	0	0	0	0
11	SCI_NL__OPNPDE20120118_201059_000043983110_00402_51709_4719.N1	18JAN2012 20:10:59	18JAN2012 21:24:17	0	0	0	0	0
12	SCI_NL__OPNPDE20120118_213009_000056563110_00402_51709_4720.N1	18JAN2012 21:30:09	18JAN2012 23:04:25	0	0	0	0	0
13	SCI_NL__OPNPDE20120118_230425_000059993110_00403_51710_4721.N1	18JAN2012 23:04:25	19JAN2012 00:44:24	0	0	0	0	0

## 0.2 Product Quality Indicators

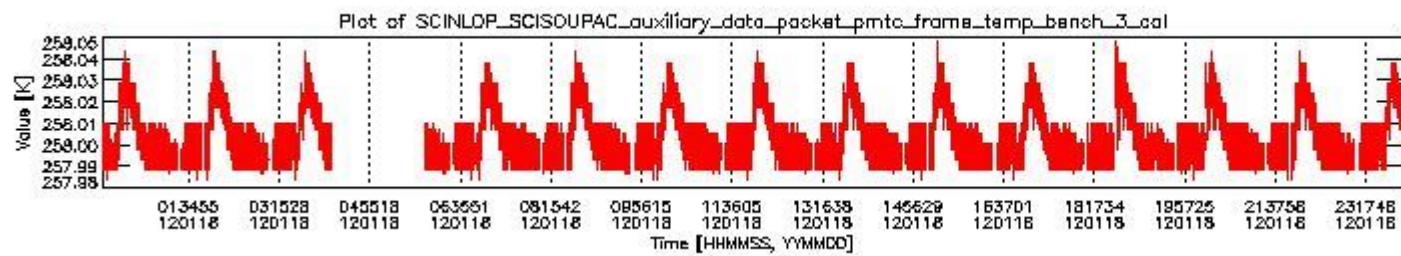
This section shows information about product quality, currently temperatures.



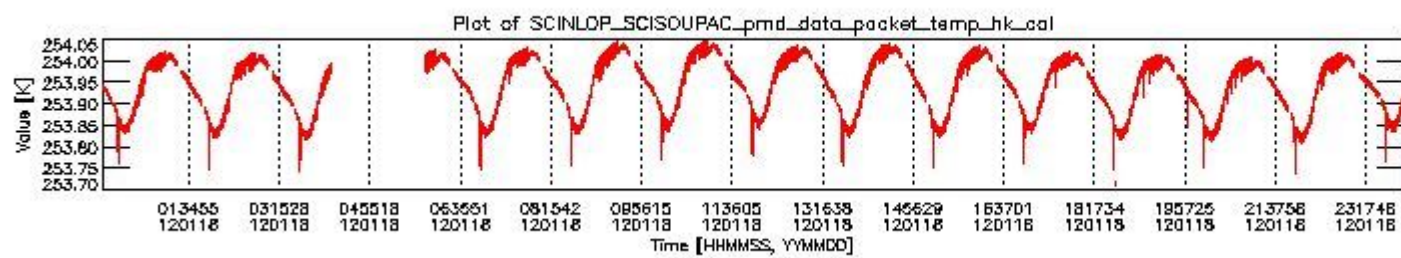
sciamachy\_daily\_report\_level0\_KSPT\_L0\_4504\_N\_20120118\_0.PNG



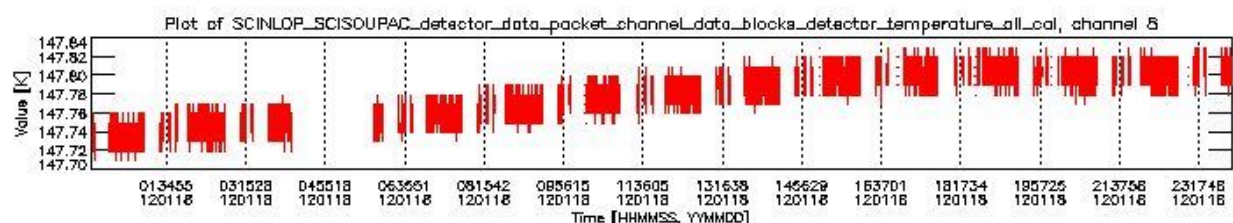
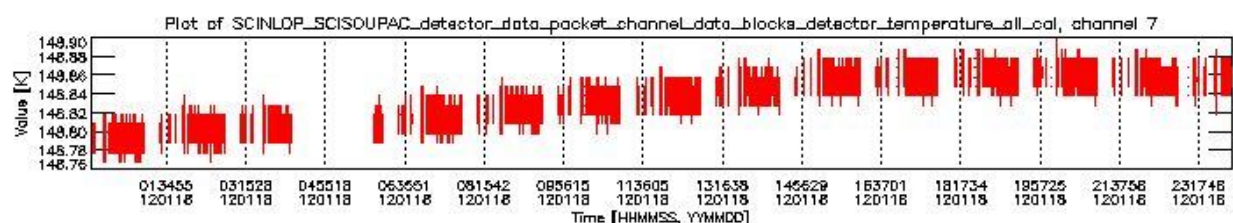
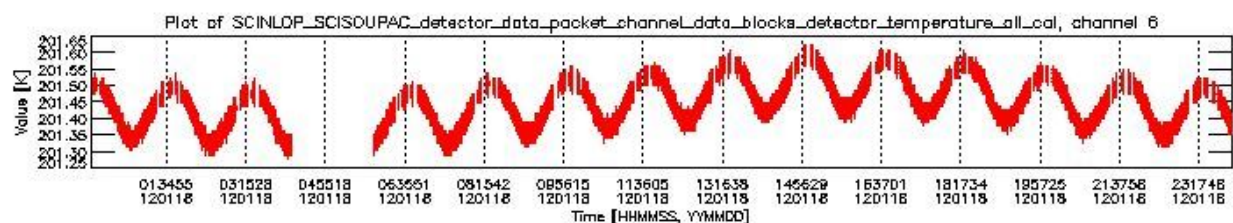
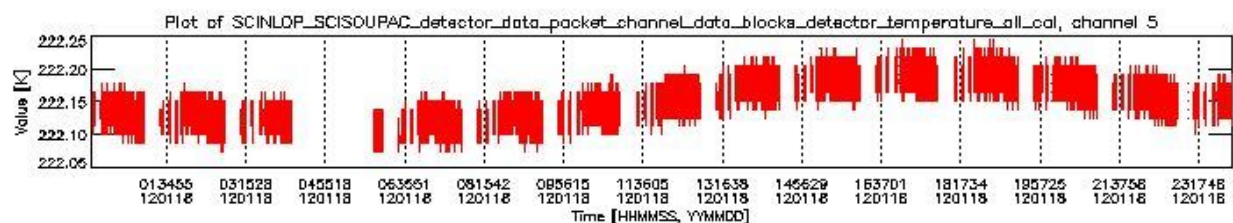
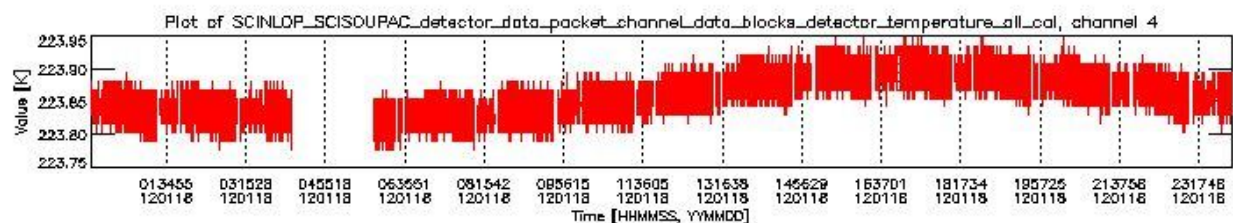
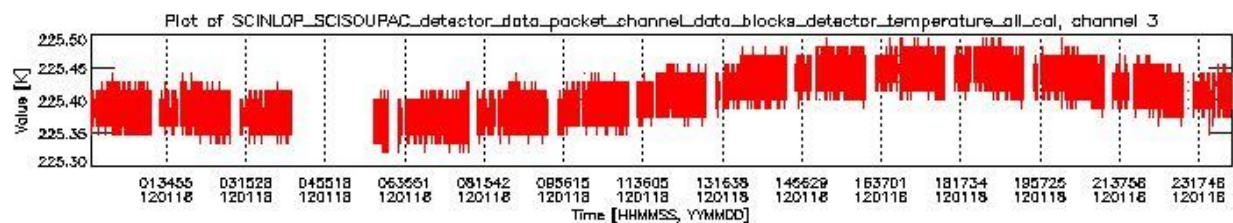
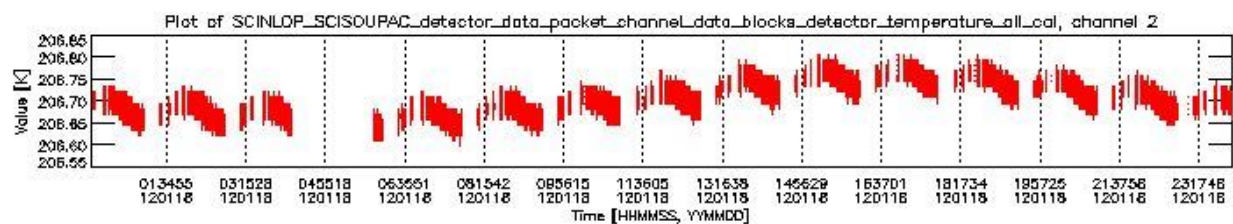
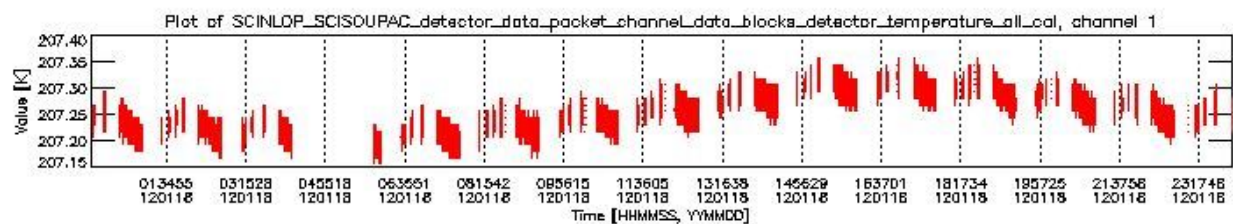
sciamachy\_daily\_report\_level0\_KSPT\_L0\_4504\_N\_20120118\_1.PNG



sciamachy\_daily\_report\_level0\_KSPT\_L0\_4504\_N\_20120118\_2.PNG



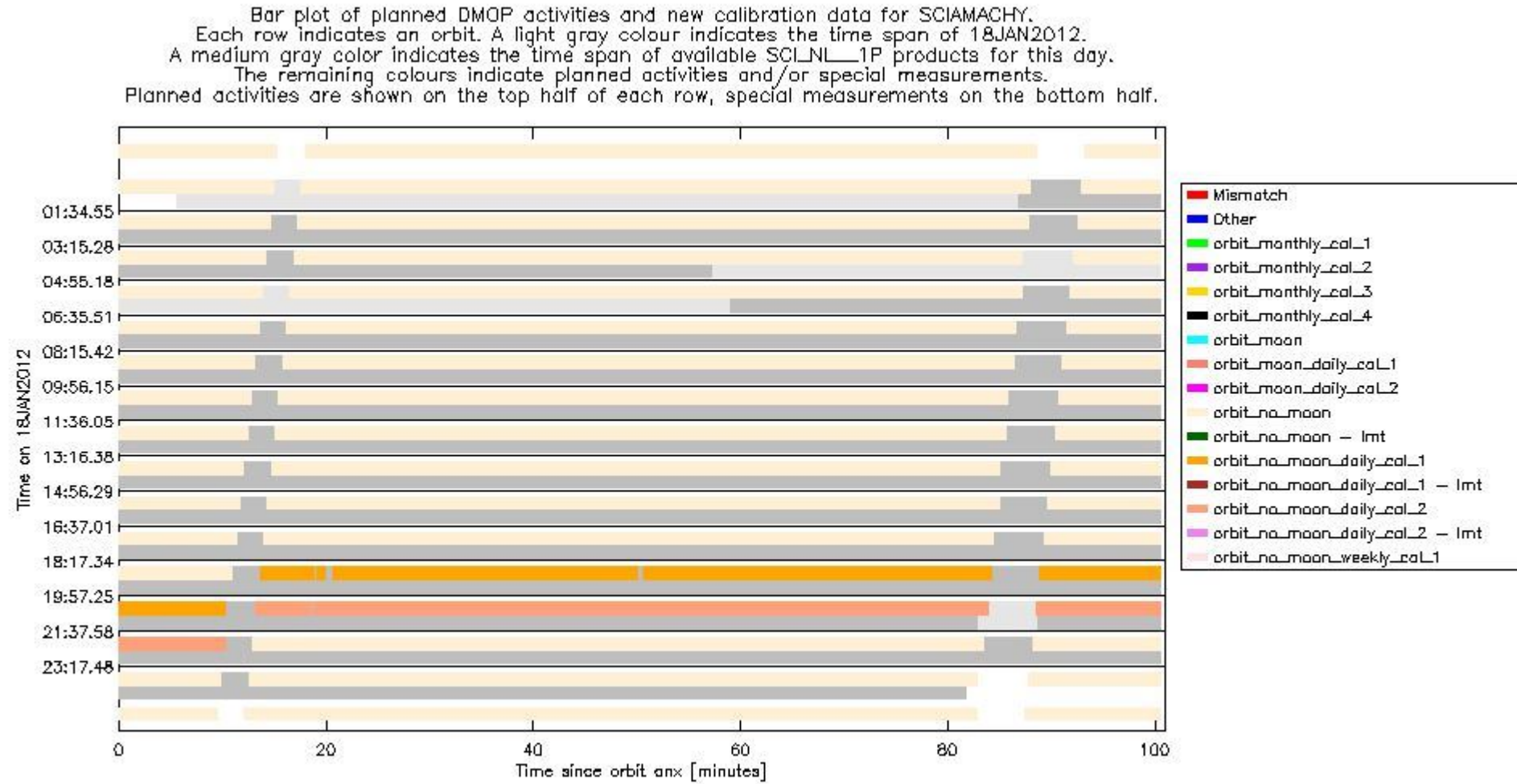
sciamachy\_daily\_report\_level0\_KSPT\_L0\_4504\_N\_20120118\_3.PNG



### 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.



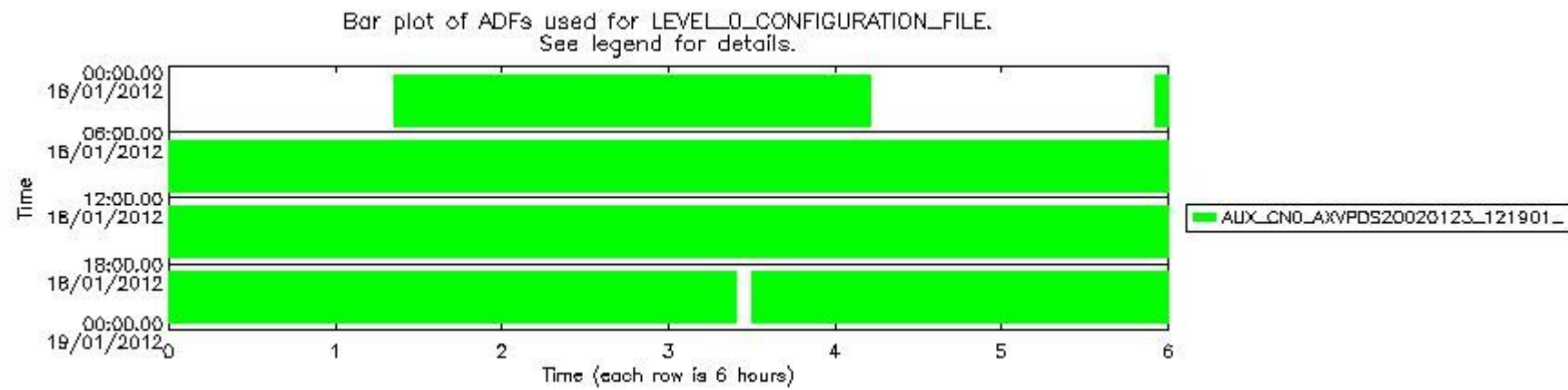
### 0.4 ADF monitoring

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

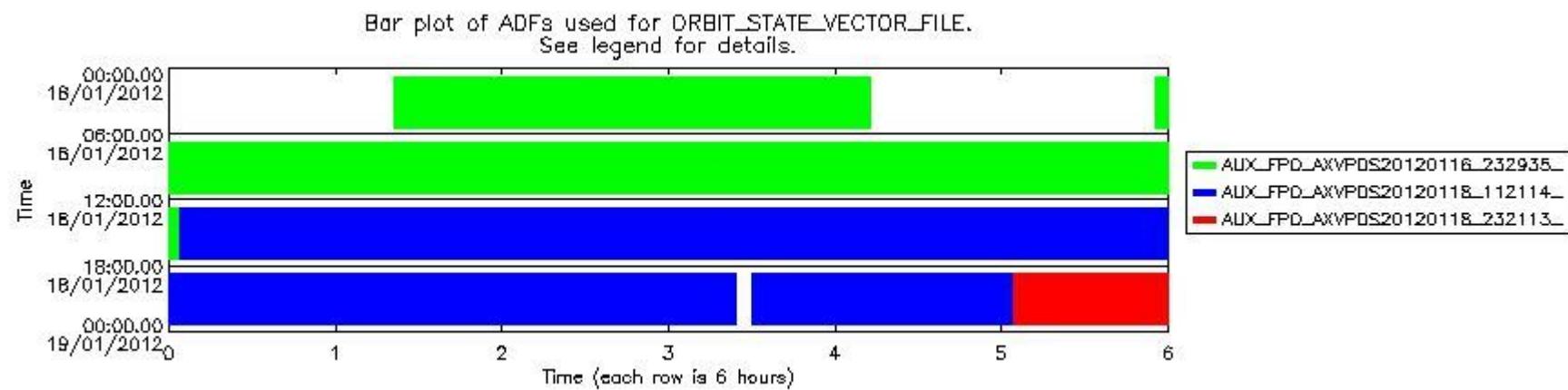
- A table showing which ADFs were used for processing (red values indicate that multiple ADFs of the same type were used)
- Various time line plots, one for each ADF, showing when and which ADF was used.

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

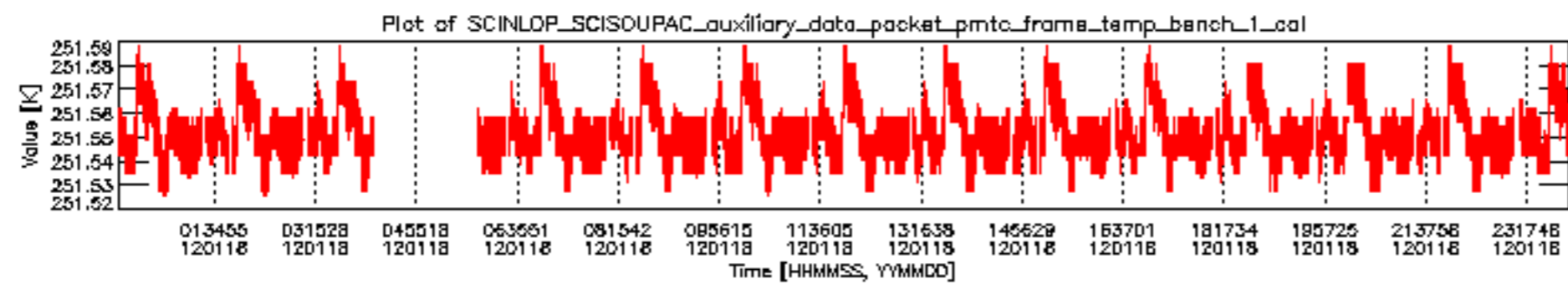
Number	ADF
	<b>CNO (LEVEL_0_CONFIGURATION_FILE)</b>
0	AUX_CNO_AXVPDS20020123_121901_20020101_000000_20200101_000000
	<b>FPO (ORBIT_STATE_VECTOR_FILE)</b>
1	AUX_FPO_AXVPDS20120116_232935_20120116_193048_20120126_200414
2	AUX_FPO_AXVPDS20120118_112114_20120117_185403_20120127_210742
3	AUX_FPO_AXVPDS20120118_232113_20120118_195732_20120128_203057

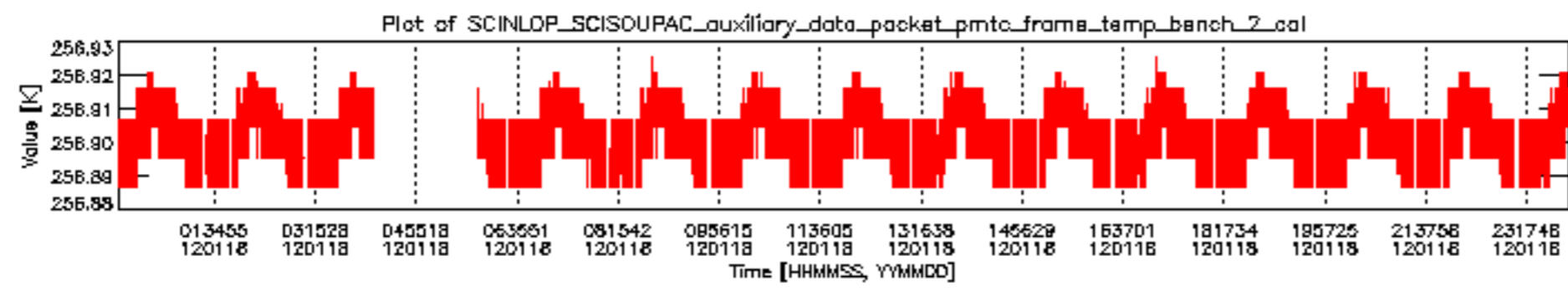


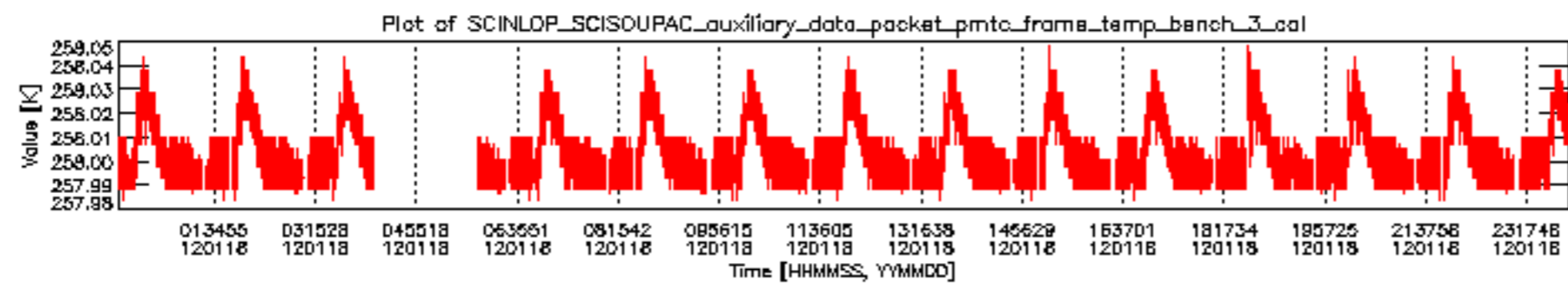
sciamachy\_daily\_report\_level0\_KSPT\_L0\_4504\_N\_20120118\_6.PNG



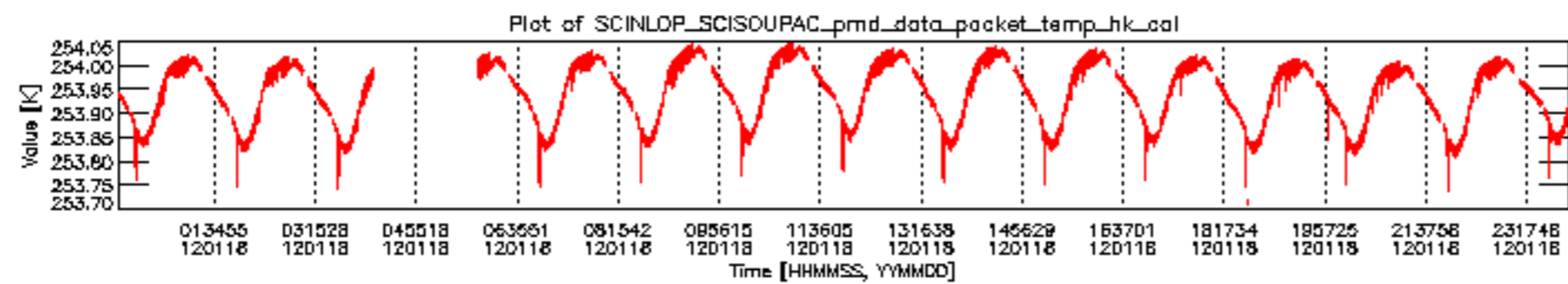
sciamachy\_daily\_report\_level0\_KSPT\_L0\_4504\_N\_20120118\_7.PNG

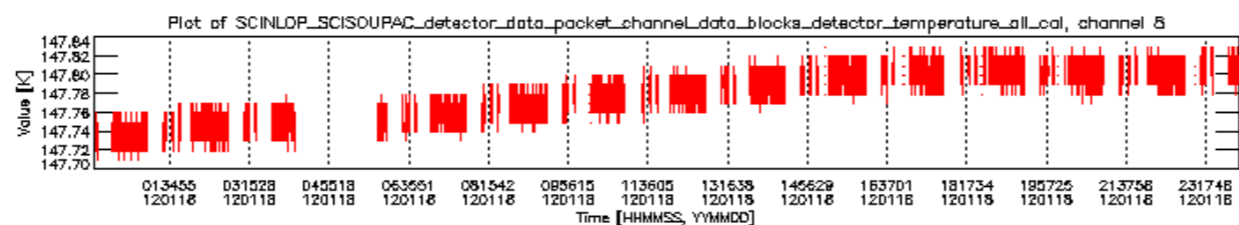
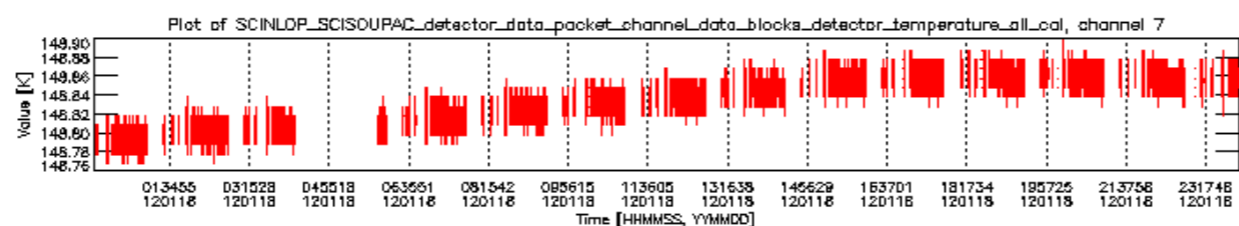
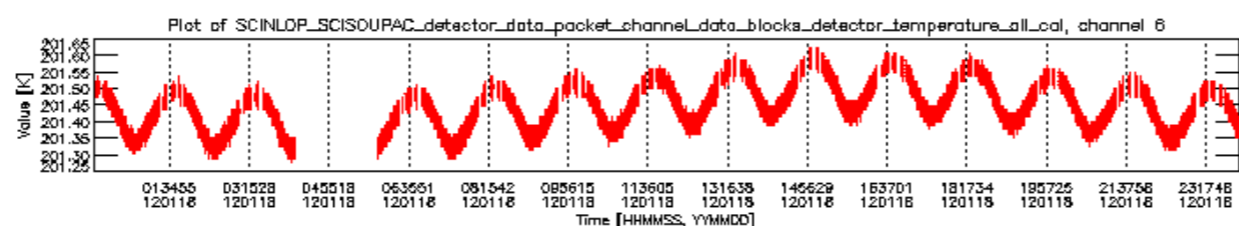
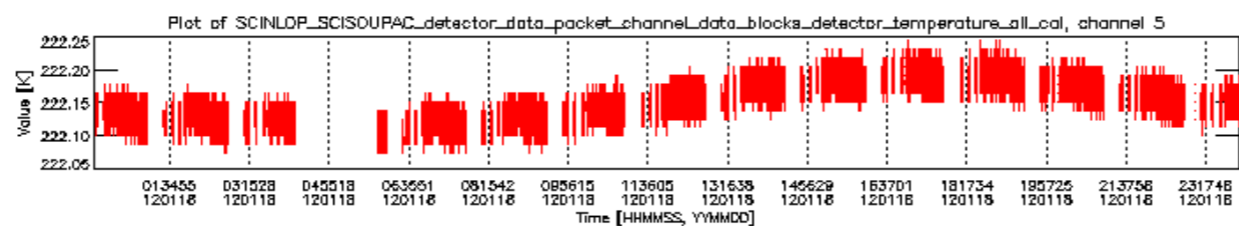
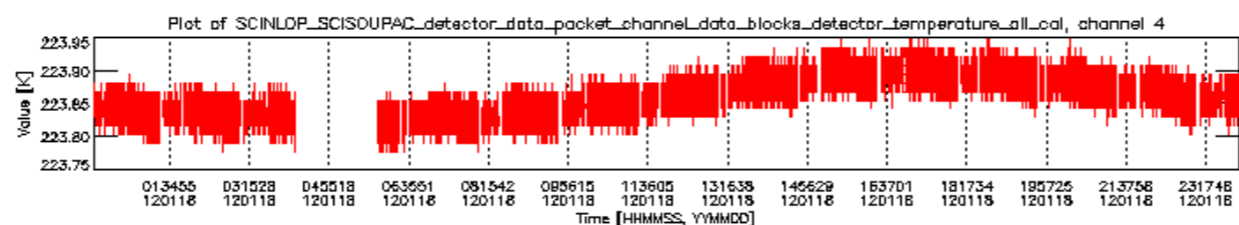
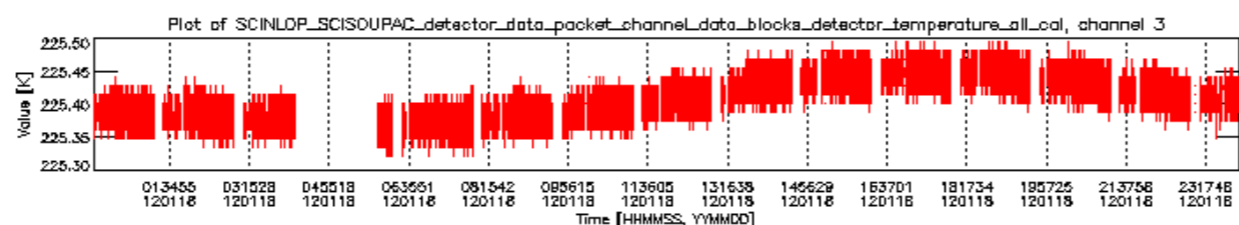
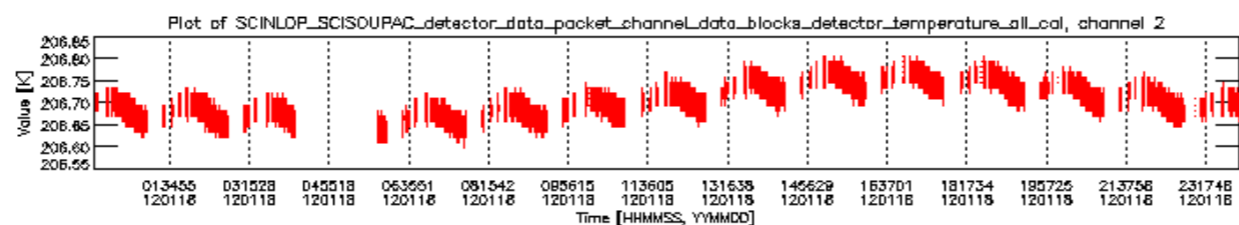
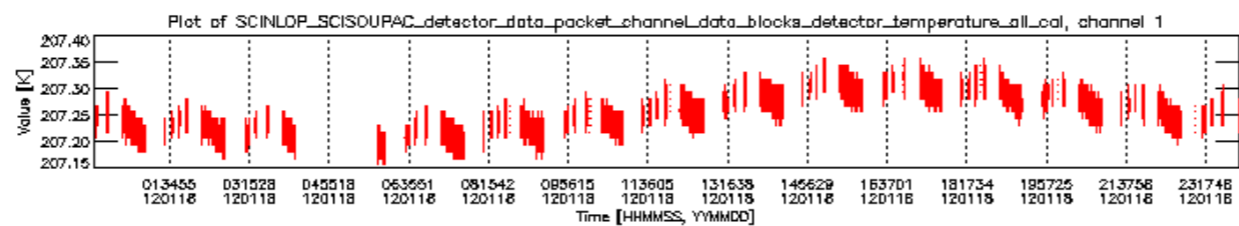




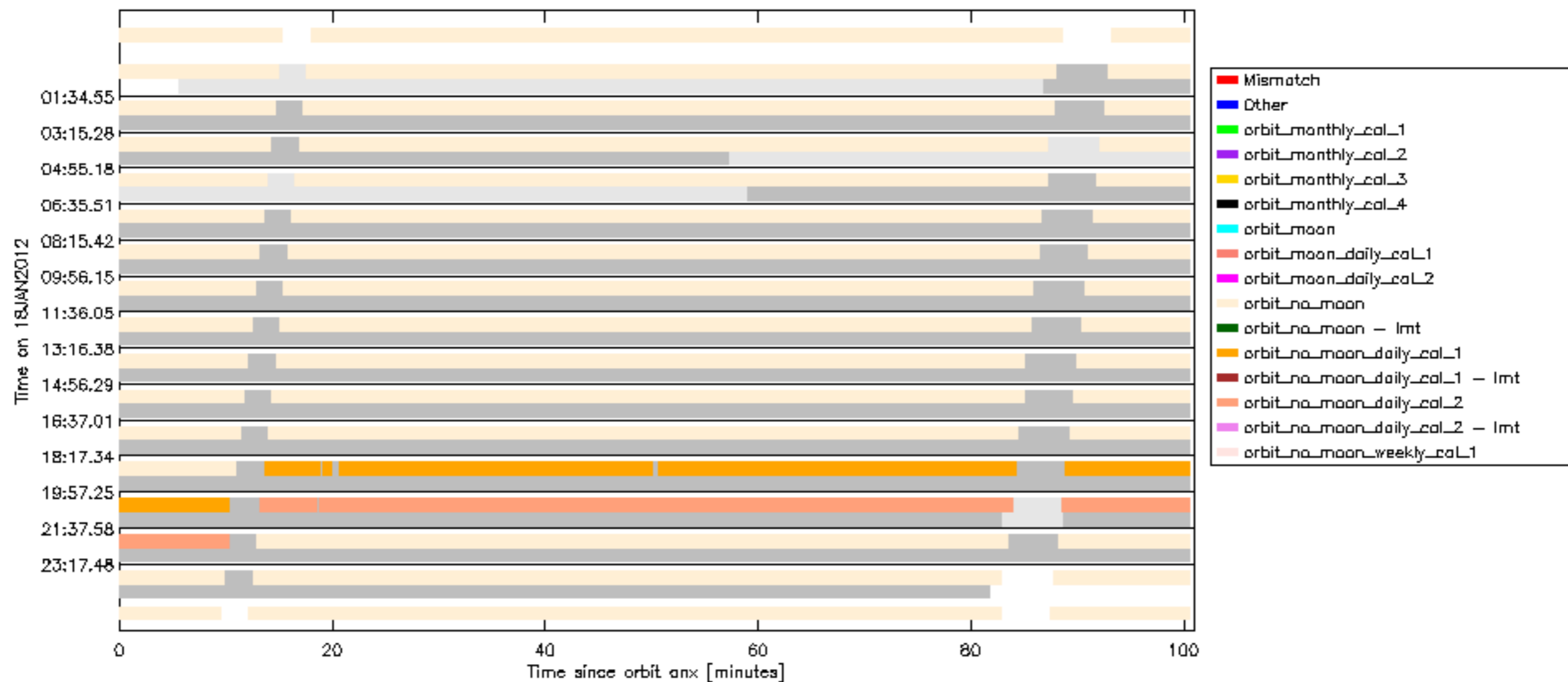


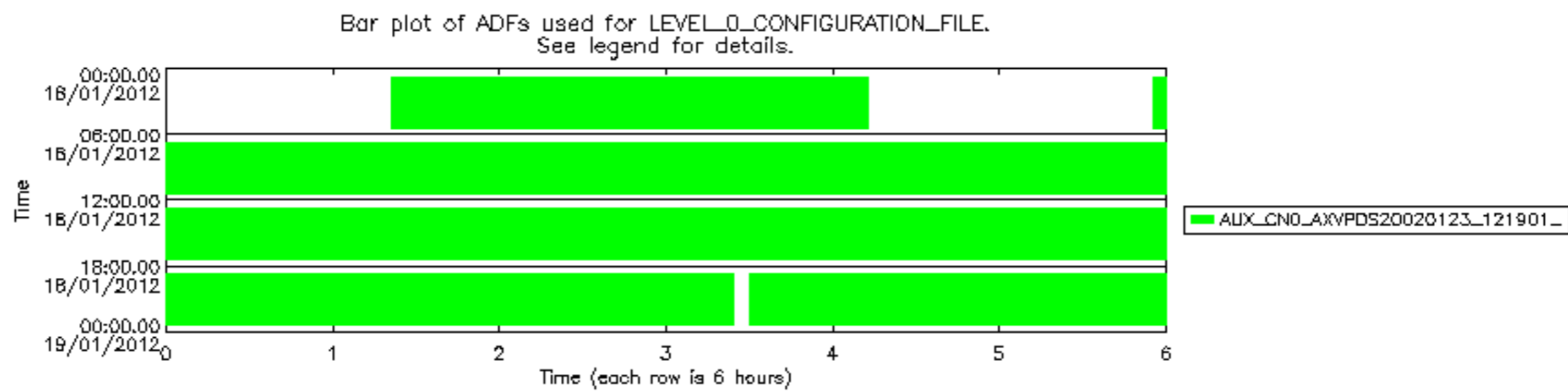






Bar plot of planned DMOP activities and new calibration data for SCIAMACHY.  
 Each row indicates an orbit. A light gray colour indicates the time span of 18JAN2012.  
 A medium gray color indicates the time span of available SCI\_NL\_1P products for this day.  
 The remaining colours indicate planned 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.

