

## 0. SCIAMACHY Daily Report for Level 0 products

### [0.1 General Info](#)

### [0.2 Product Quality Indicators](#)

### [0.3 State monitoring](#)

### [0.4 ADF monitoring](#)

## 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	29MAR2012 03:10:42
Data source version	KSPT_L0/4504-N
Processing scope for products	22MAR2012 00:00:00 to 23MAR2012 00:00:00
Start time of first product within scope	22MAR2012 00:36:25
Stop time of last product within scope	23MAR2012 01:39:54
Total number of Level 0 products	16
Number of Level 0 products with errors	1

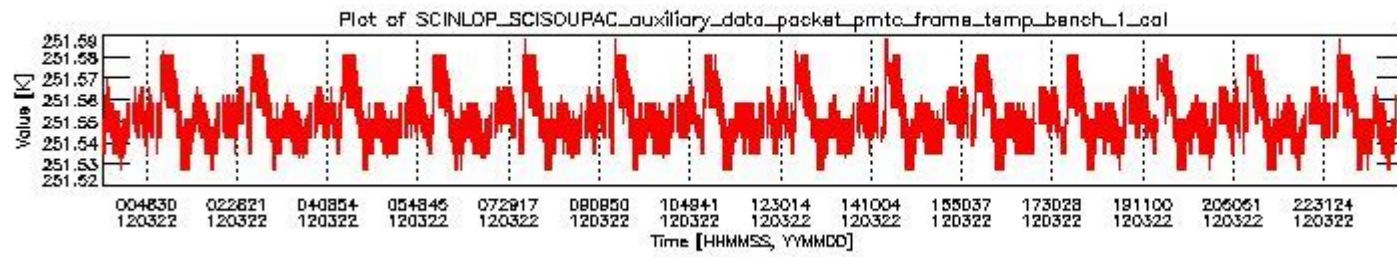
### 0.1.2 Summary per product

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

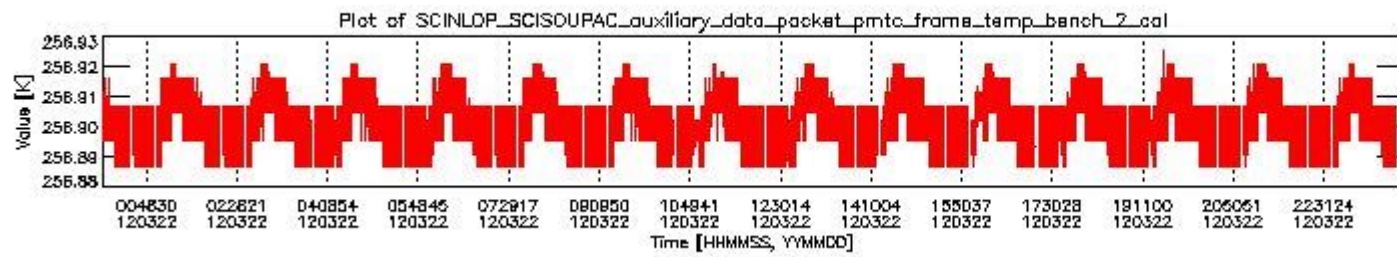
#	Product name	Start time	Stop time	Prod err	ISP err sign	ISP miss sign	ISP disc sign	rs sign
0	SCI_NL__OPNPDE20120322_003625_000058453113_00016_52616_8526.N1	22MAR2012 00:36:25	22MAR2012 02:13:51	0	0	0	0	0
1	SCI_NL__OPNPDE20120322_021351_000044273113_00017_52617_8527.N1	22MAR2012 02:13:51	22MAR2012 03:27:38	0	0	0	0	0
2	SCI_NL__OPNPDE20120322_032738_000061513113_00018_52618_8528.N1	22MAR2012 03:27:38	22MAR2012 05:10:09	0	0	0	0	0
3	SCI_NL__OPNPDE20120322_050900_000060143113_00019_52619_8529.N1	22MAR2012 05:09:00	22MAR2012 06:49:14	0	0	0	0	0
4	SCI_NL__OPNPDK20120322_064914_000040503113_00020_52620_7668.N1	22MAR2012 06:49:14	22MAR2012 07:56:43	0	0	0	0	0
5	SCI_NL__OPNPDK20120322_075643_000061363113_00021_52621_7669.N1	22MAR2012 07:56:43	22MAR2012 09:38:59	0	0	0	0	0
6	SCI_NL__OPNPDK20120322_093751_000060283113_00022_52622_7670.N1	22MAR2012 09:37:51	22MAR2012 11:18:19	1	1	0	0	0
7	SCI_NL__OPNPDK20120322_111710_000059453113_00023_52623_7671.N1	22MAR2012 11:17:10	22MAR2012 12:56:15	0	0	0	0	0
8	SCI_NL__OPNPDK20120322_125615_000057823113_00024_52624_7672.N1	22MAR2012 12:56:15	22MAR2012 14:32:37	0	0	0	0	0
9	SCI_NL__OPNPDK20120322_143129_000060683113_00025_52625_7673.N1	22MAR2012 14:31:29	22MAR2012 16:12:37	0	0	0	0	0
10	SCI_NL__OPNPDK20120322_161034_000058553113_00026_52626_7674.N1	22MAR2012 16:10:34	22MAR2012 17:48:08	0	0	0	0	0
11	SCI_NL__OPNPDK20120322_174808_000058183113_00027_52627_7675.N1	22MAR2012 17:48:08	22MAR2012 19:25:06	0	0	0	0	0
12	SCI_NL__OPNPDK20120322_192506_000062603113_00028_52628_7676.N1	22MAR2012 19:25:06	22MAR2012 21:09:26	0	0	0	0	0
13	SCI_NL__OPNPDE20120322_210738_000042213113_00029_52629_8530.N1	22MAR2012 21:07:38	22MAR2012 22:17:59	0	0	0	0	0
14	SCI_NL__OPNPDE20120322_221715_000062213113_00029_52629_8531.N1	22MAR2012 22:17:15	23MAR2012 00:00:56	0	0	0	0	0
15	SCI_NL__OPNPDE20120322_235933_000060213113_00030_52630_8532.N1	22MAR2012 23:59:33	23MAR2012 01:39:54	0	0	0	0	0

## 0.2 Product Quality Indicators

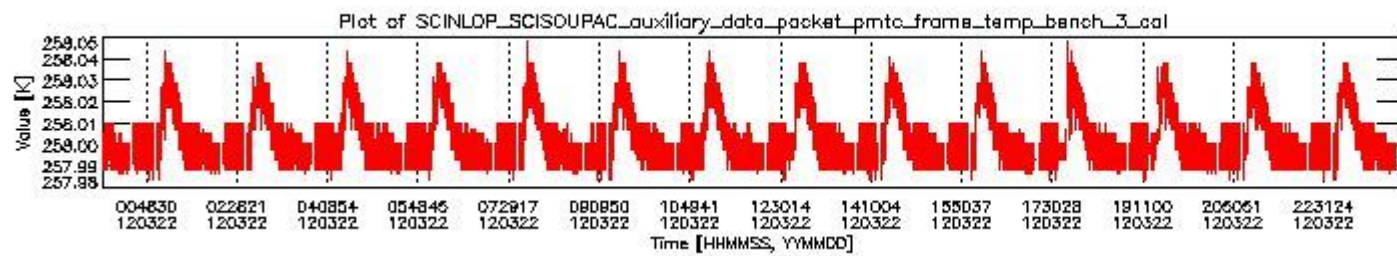
This section shows information about product quality, currently temperatures.



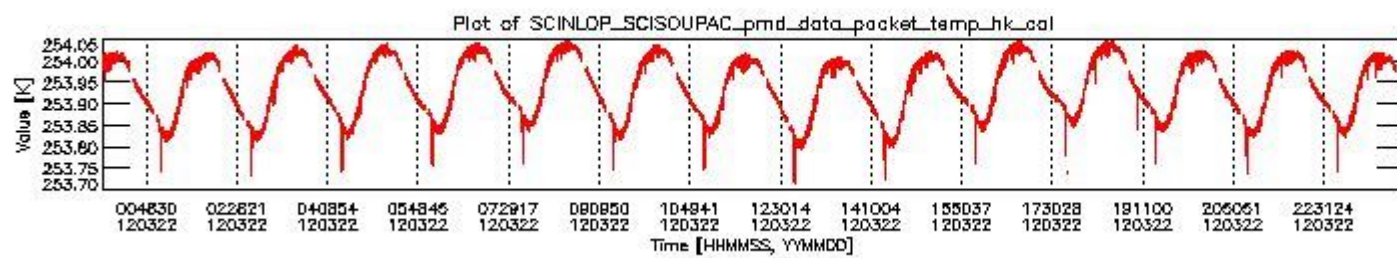
sciamachy\_daily\_report\_level0\_KSPT\_L0\_4504\_N\_20120322\_0.PNG



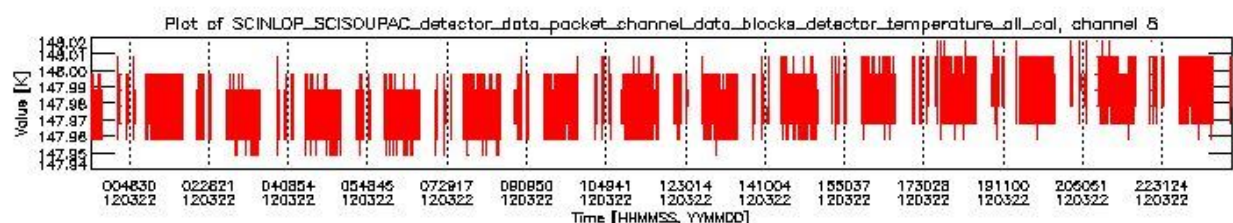
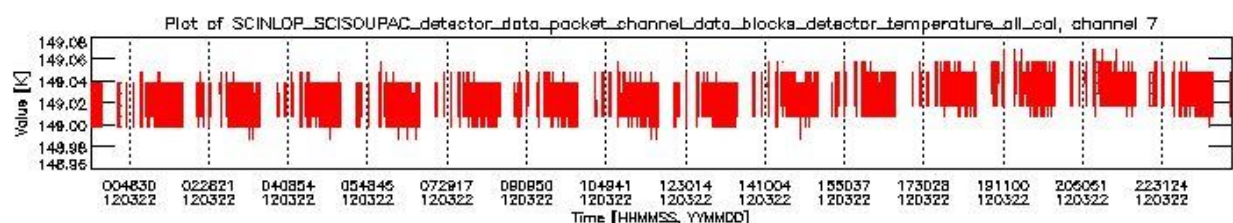
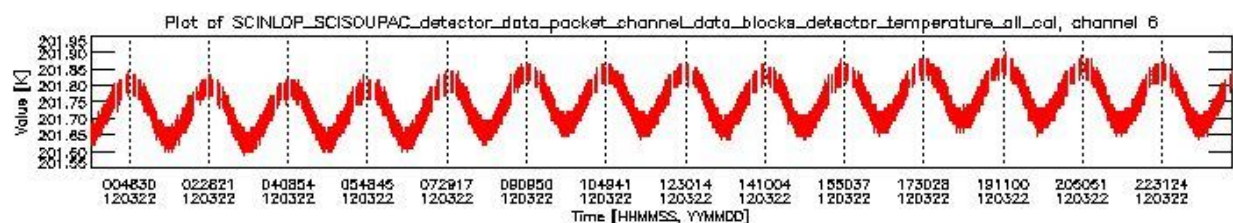
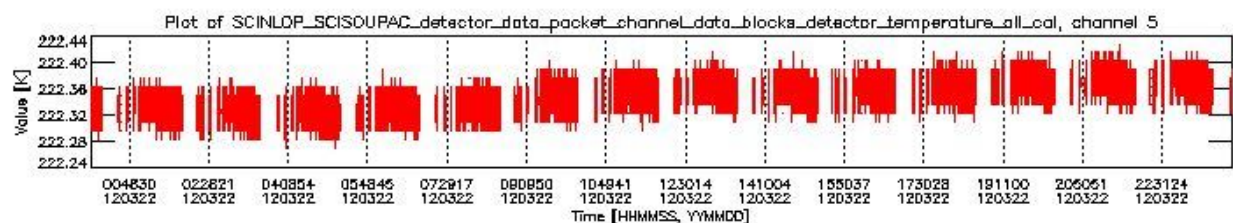
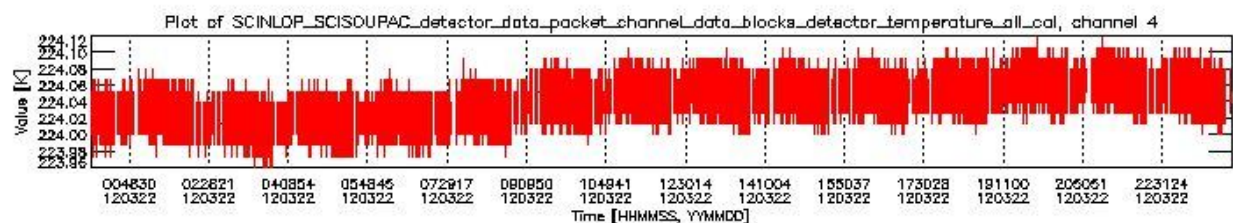
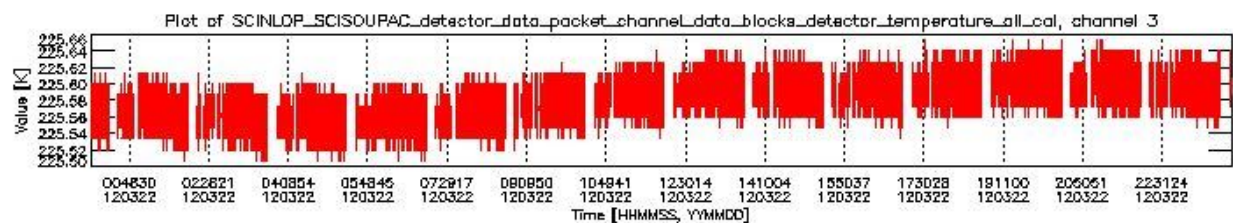
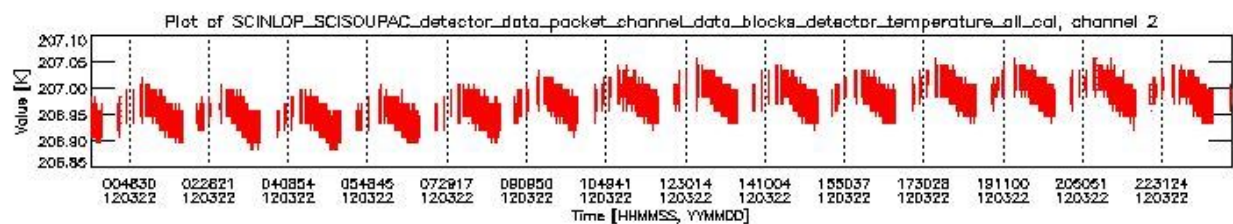
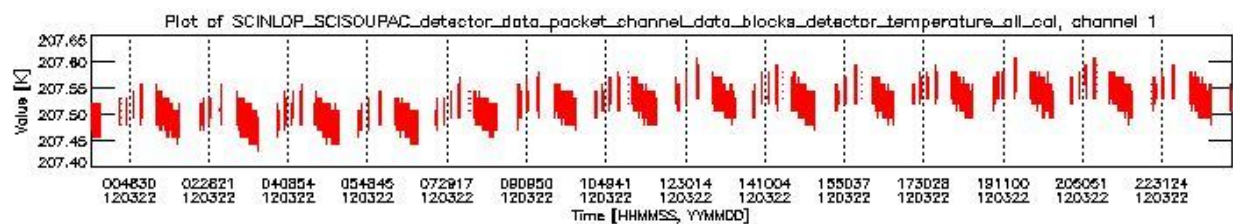
sciamachy\_daily\_report\_level0\_KSPT\_L0\_4504\_N\_20120322\_1.PNG



sciamachy\_daily\_report\_level0\_KSPT\_L0\_4504\_N\_20120322\_2.PNG



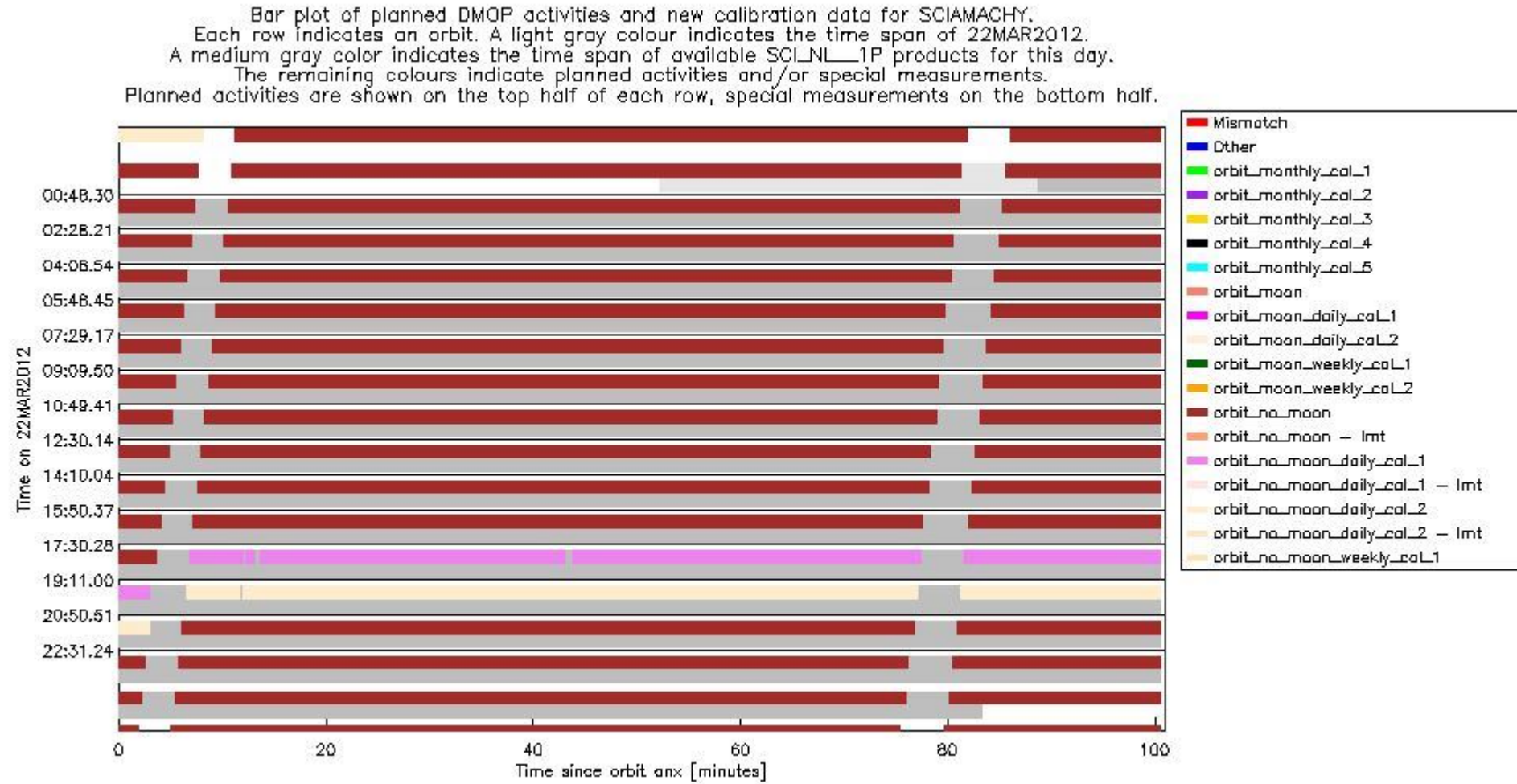
sciamachy\_daily\_report\_level0\_KSPT\_L0\_4504\_N\_20120322\_3.PNG



### 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.



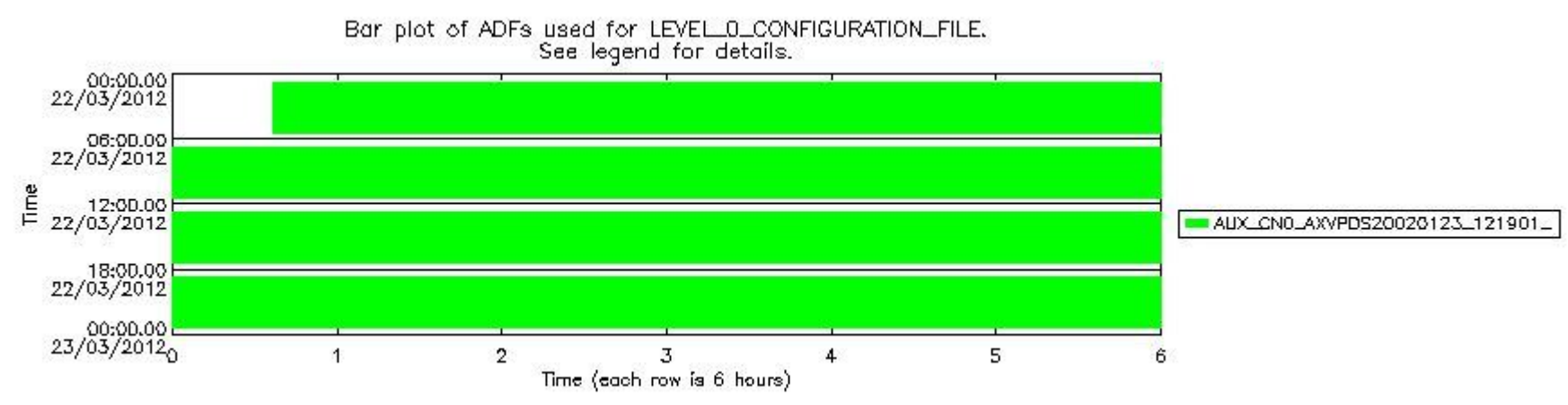
### 0.4 ADF monitoring

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

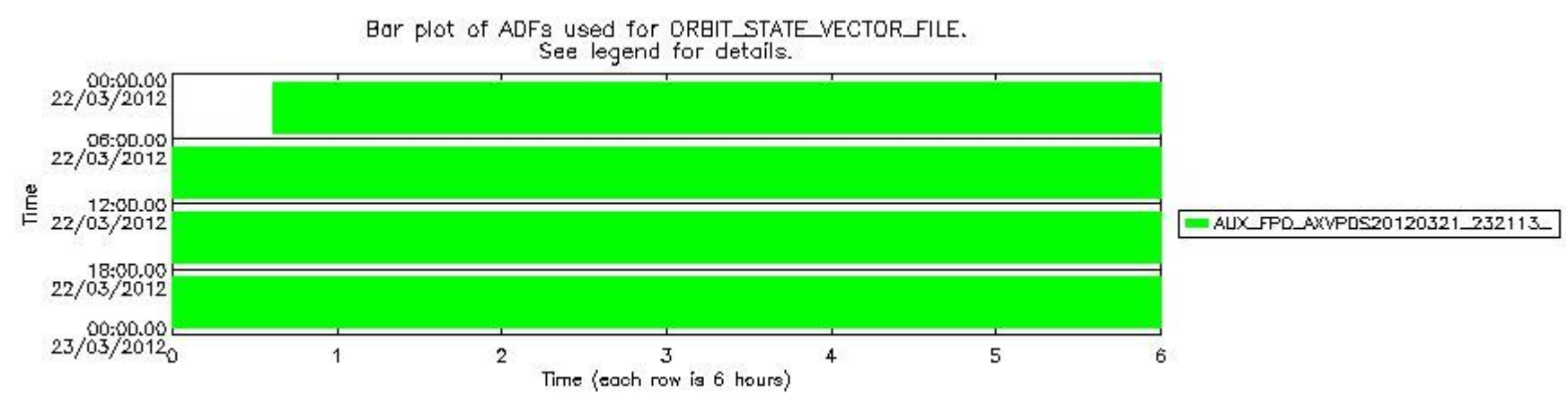
- A table showing which ADFs were used for processing (red values indicate that multiple ADFs of the same type were used)
- Various time line plots, one for each ADF, showing when and which ADF was used.

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

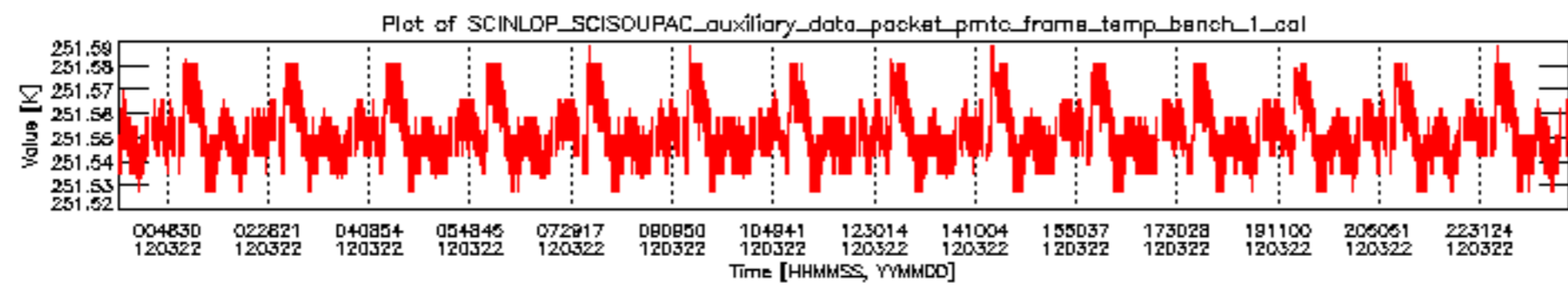
Number	ADF
	<b>CNO (LEVEL_0_CONFIGURATION_FILE)</b>
0	AUX_CNO_AXVPDS20020123_121901_20020101_000000_20200101_000000
	<b>FPO (ORBIT_STATE_VECTOR_FILE)</b>
1	AUX_FPO_AXVPDS20120321_232113_20120321_194739_20120331_202105

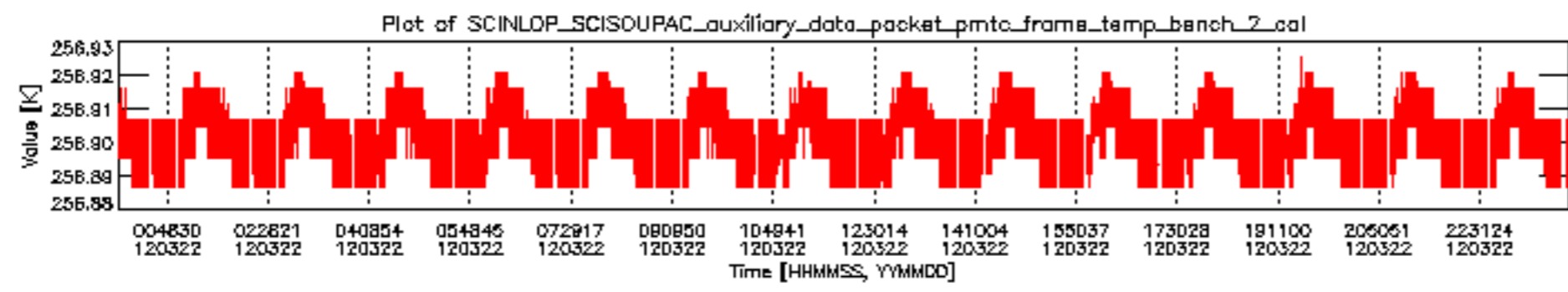


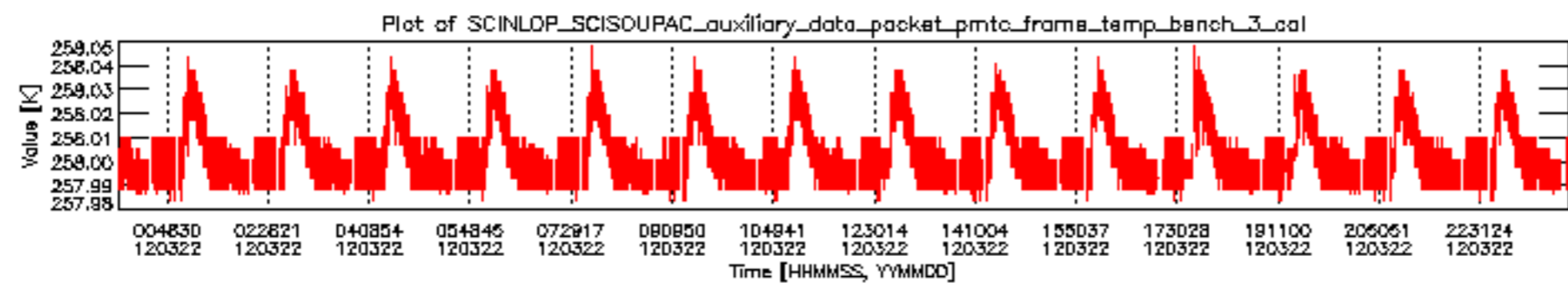
sciamachy\_daily\_report\_level0\_KSPT\_L0\_4504\_N\_20120322\_6.PNG



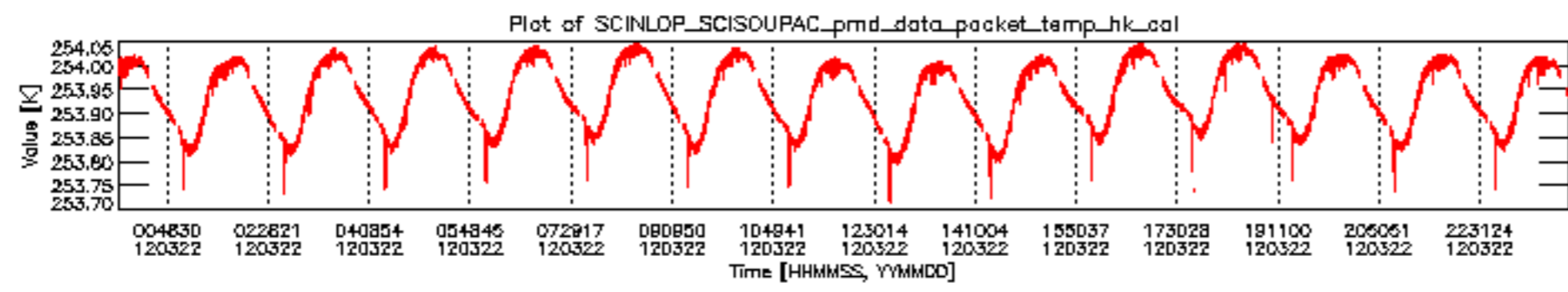
sciamachy\_daily\_report\_level0\_KSPT\_L0\_4504\_N\_20120322\_7.PNG

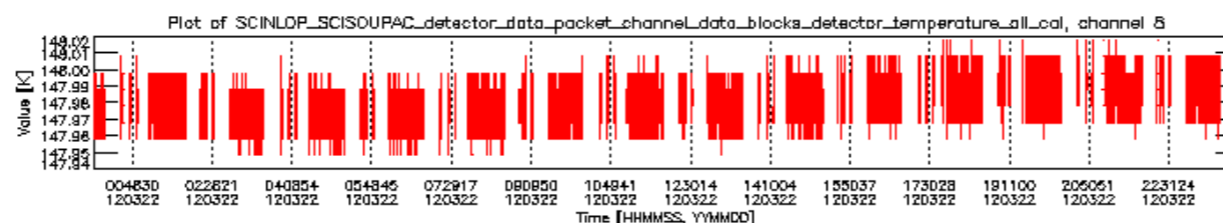
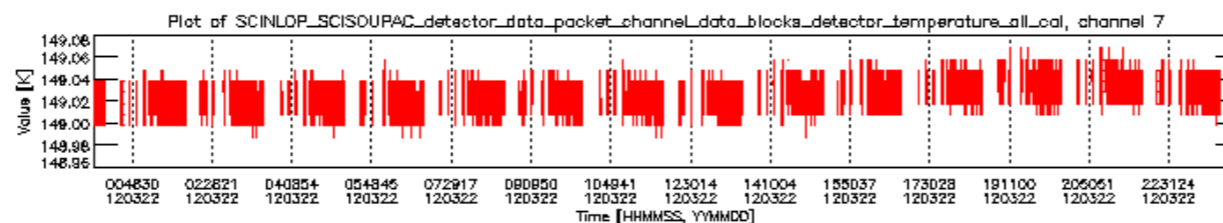
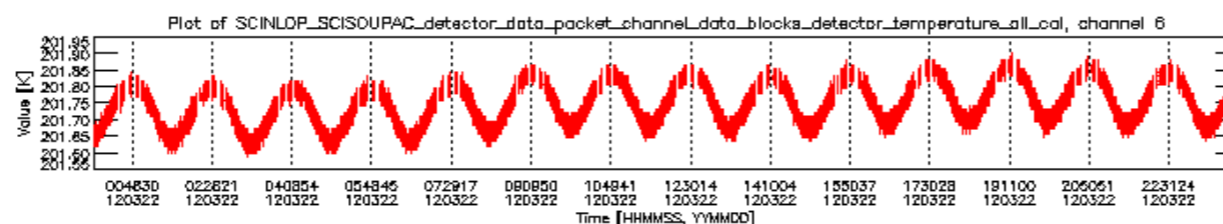
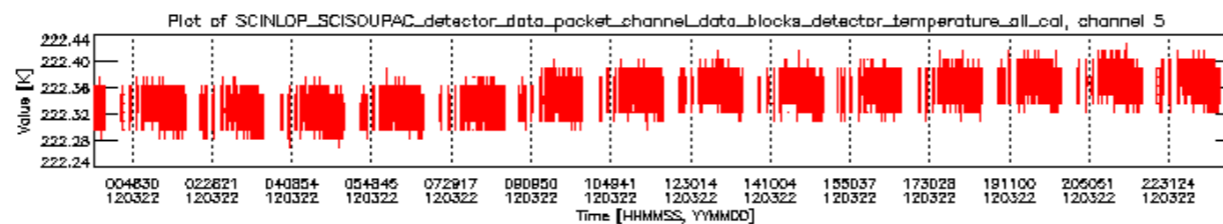
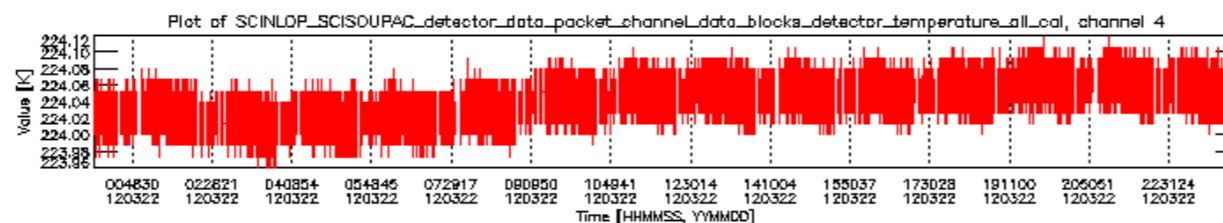
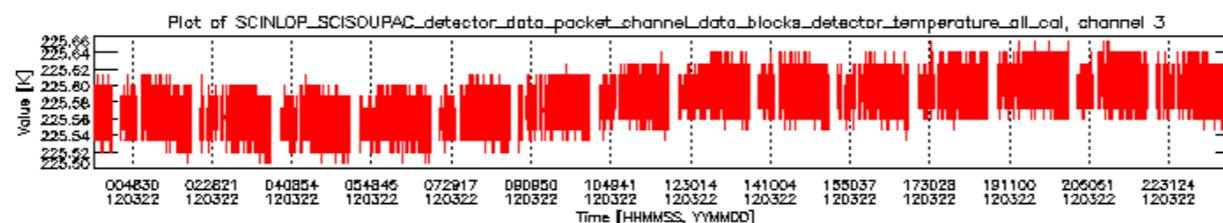
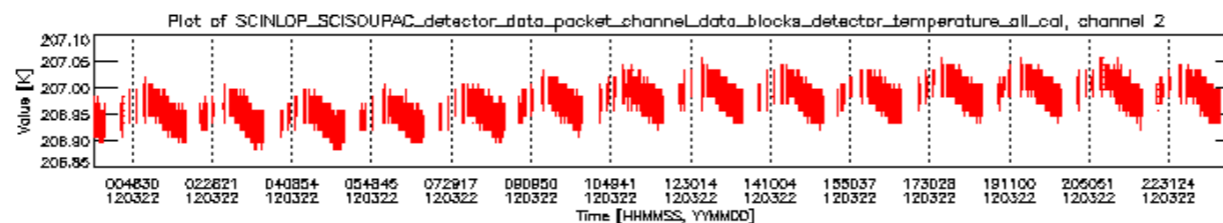
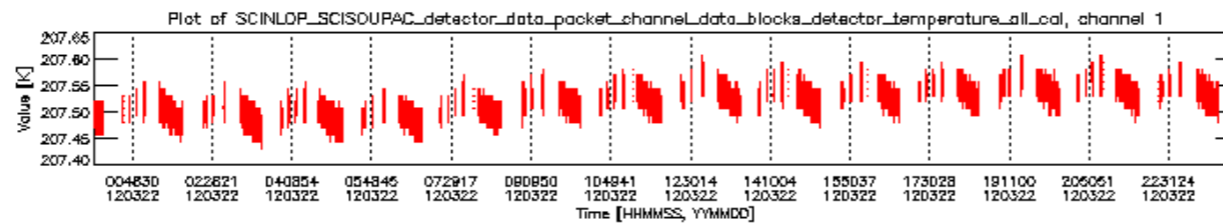












Bar plot of planned DMOP activities and new calibration data for SCIAMACHY.  
 Each row indicates an orbit. A light gray colour indicates the time span of 22MAR2012.  
 A medium gray color indicates the time span of available SCI\_NL\_1P products for this day.  
 The remaining colours indicate planned activities and/or special measurements.  
 Planned activities are shown on the top half of each row, special measurements on the bottom half.

