

# 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	29FEB2012 03:04:08
Data source version	KSPT_L0/4504-N
Processing scope for products	22FEB2012 00:00:00 to 23FEB2012 00:00:00
Start time of first product within scope	22FEB2012 00:00:39
Stop time of last product within scope	22FEB2012 08:07:25
Total number of Level 0 products	6
Number of Level 0 products with errors	0

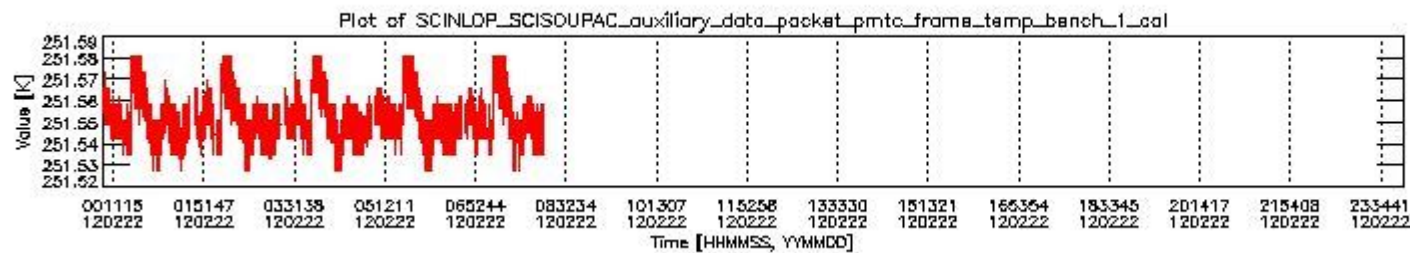
### 0.1.2 Summary per product

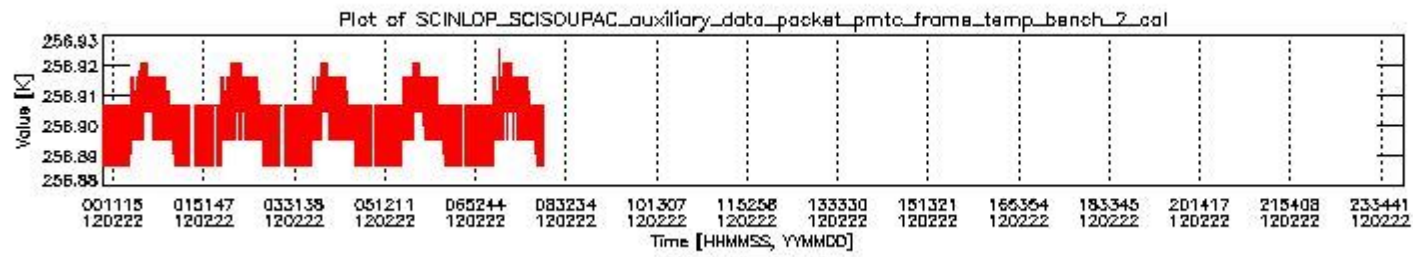
The following table shows a summary for each product used in this report.

#	Product name	Start time	Stop time	Prod err	ISP err sign	ISP miss sign	ISP disc sign	rs sign
0	SCI_NL__0PNPDE20120222_000039_000056323112_00030_52199_8351.N1	22FEB2012 00:00:39	22FEB2012 01:34:31	0	0	0	0	0
1	SCI_NL__0PNPDE20120222_014053_000042103112_00031_52200_8352.N1	22FEB2012 01:40:53	22FEB2012 02:51:03	0	0	0	0	0
2	SCI_NL__0PNPDE20120222_025103_000060683112_00032_52201_8353.N1	22FEB2012 02:51:03	22FEB2012 04:32:10	0	0	0	0	0
3	SCI_NL__0PNPDE20120222_043210_000060823112_00033_52202_8354.N1	22FEB2012 04:32:10	22FEB2012 06:13:32	0	0	0	0	0
4	SCI_NL__0PNPDK20120222_061238_000041043112_00034_52203_7381.N1	22FEB2012 06:12:38	22FEB2012 07:21:02	0	0	0	0	0
5	SCI_NL__0PNPDK20120222_071953_000028523112_00035_52204_7382.N1	22FEB2012 07:19:53	22FEB2012 08:07:25	0	0	0	0	0

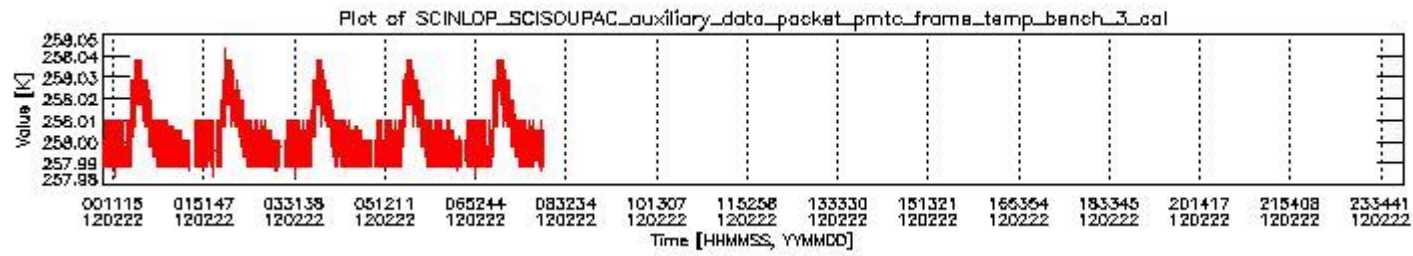
## 0.2 Product Quality Indicators

This section shows information about product quality, currently temperatures.

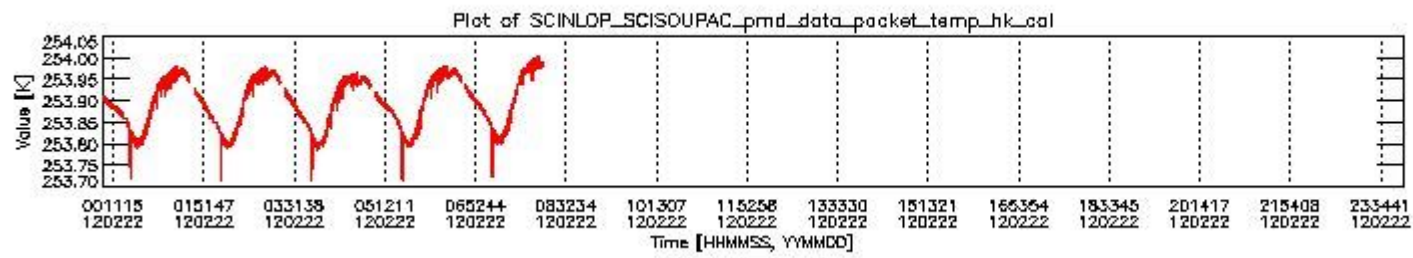




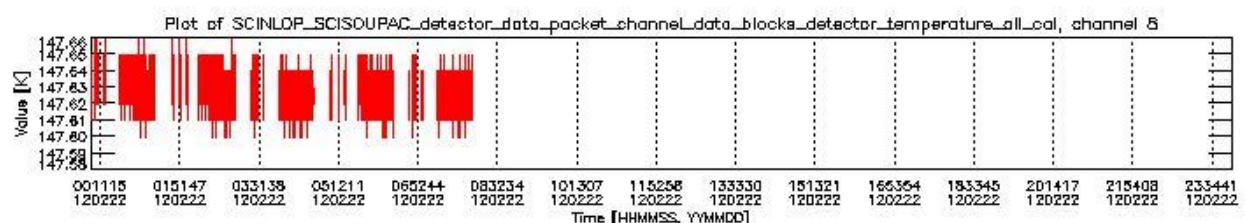
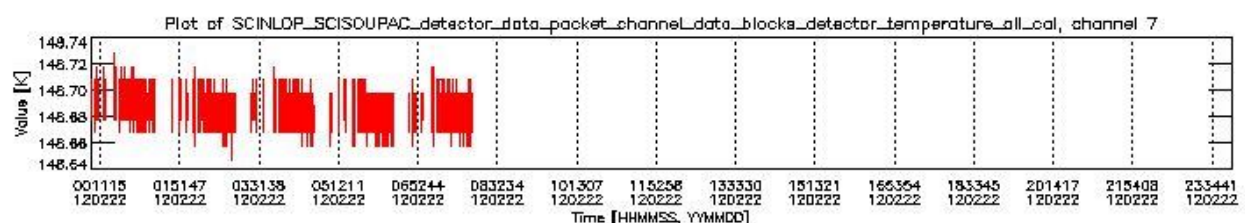
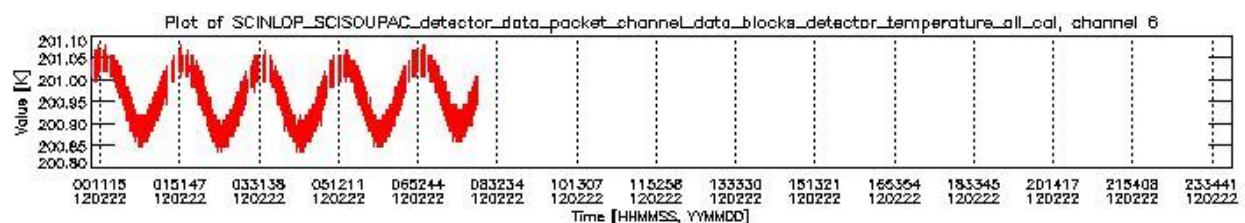
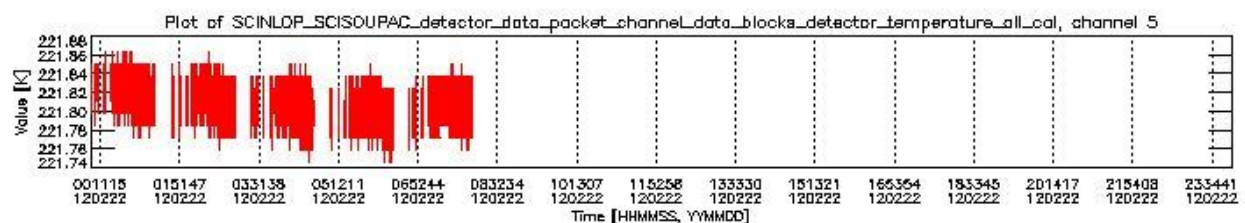
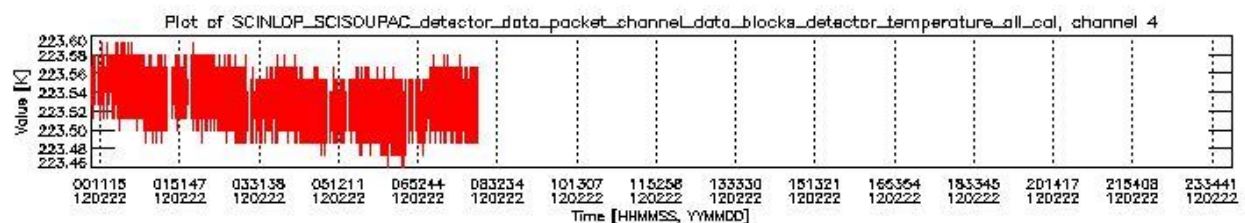
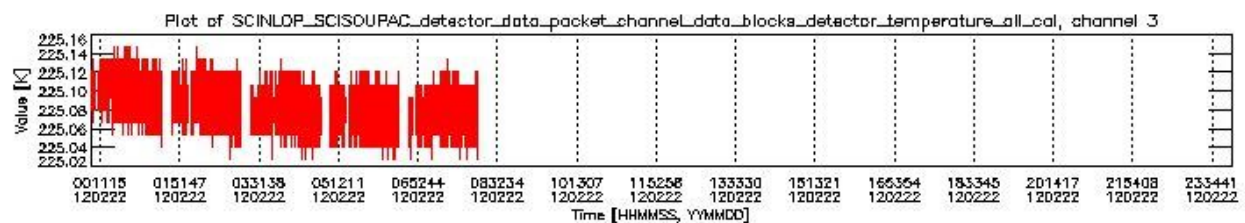
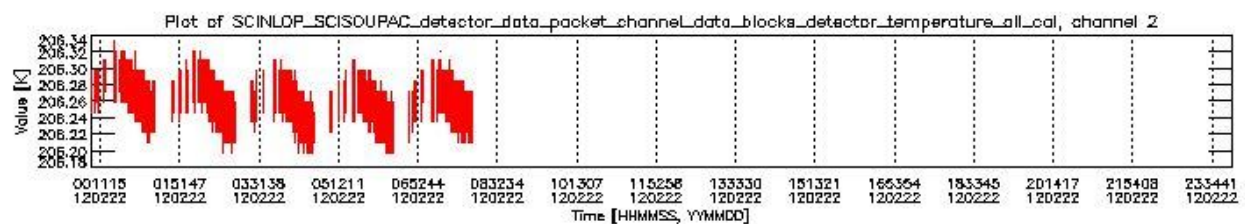
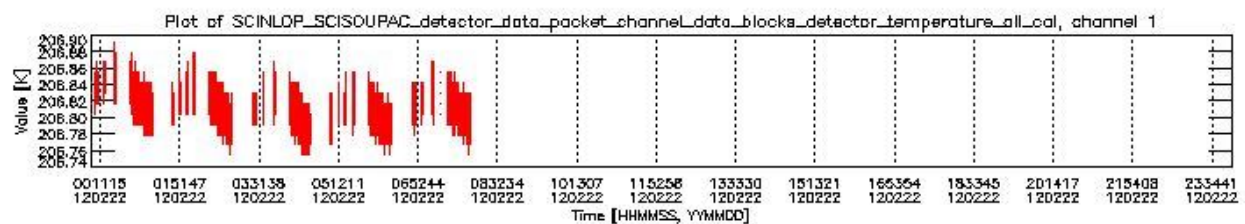
sciamachy\_daily\_report\_level0\_KSPT\_L0\_4504\_N\_20120222\_1.PNG



sciamachy\_daily\_report\_level0\_KSPT\_L0\_4504\_N\_20120222\_2.PNG



sciamachy\_daily\_report\_level0\_KSPT\_L0\_4504\_N\_20120222\_3.PNG

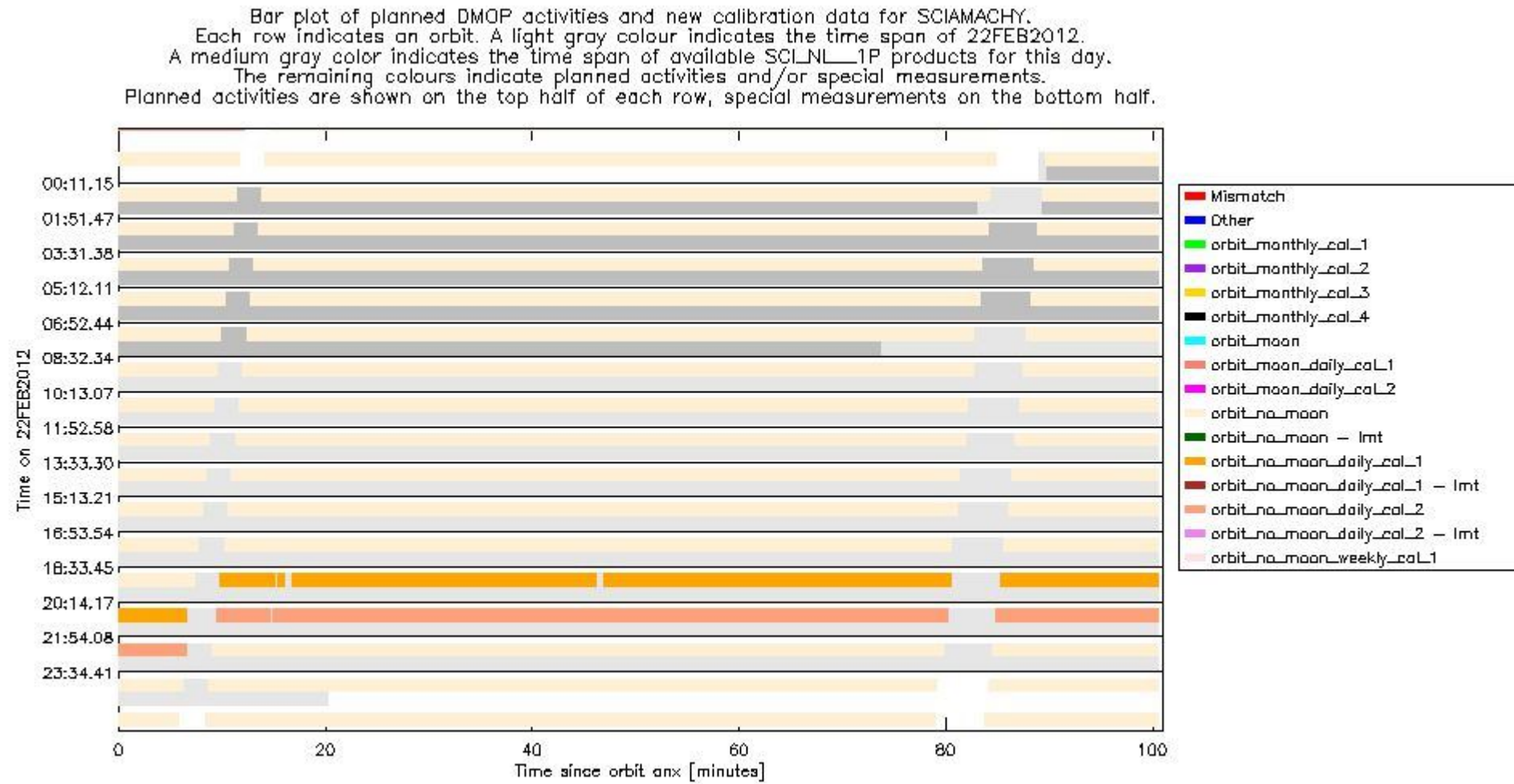




### 0.3 State monitoring

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.



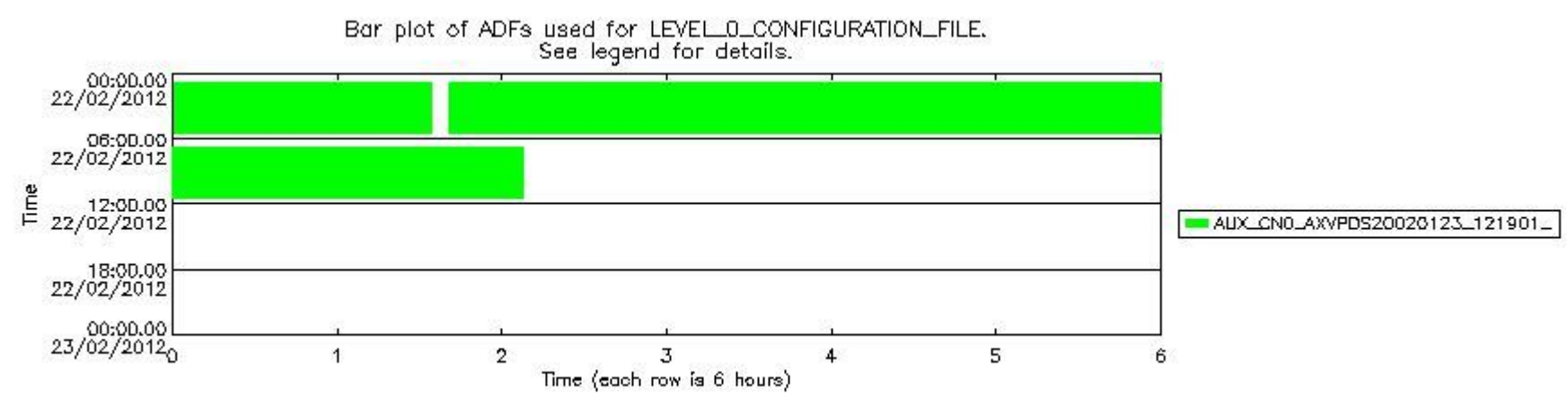
### 0.4 ADF monitoring

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

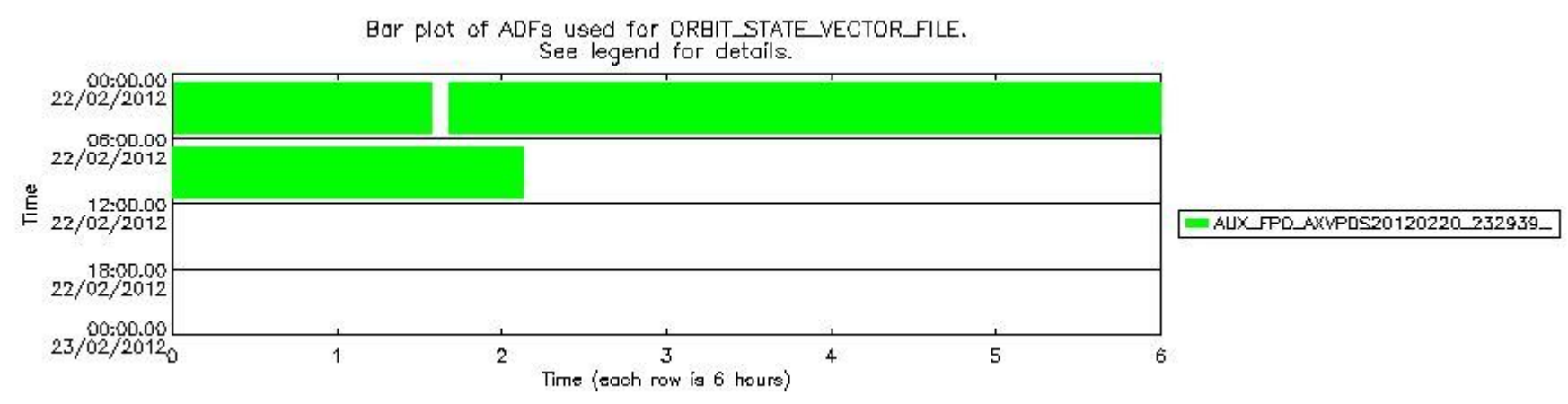
- A table showing which ADFs were used for processing (red values indicate that multiple ADFs of the same type were used)
- Various time line plots, one for each ADF, showing when and which ADF was used.

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

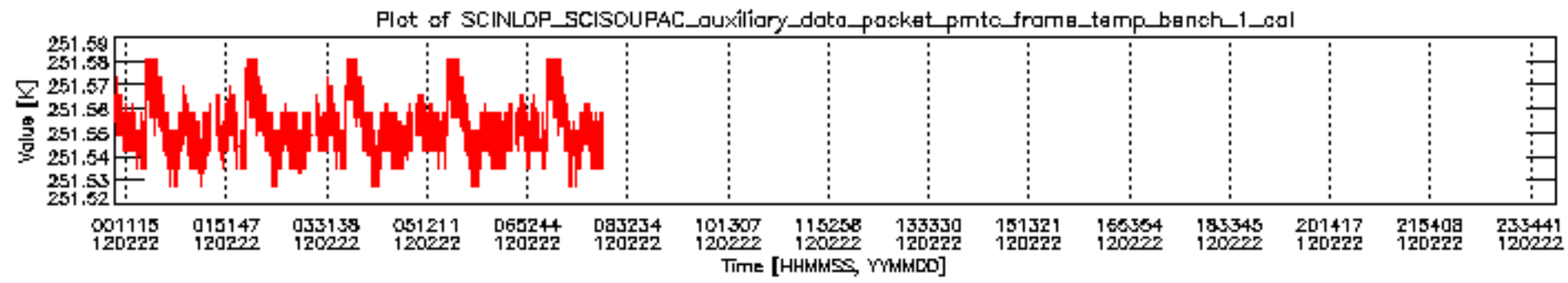
Number	ADF
	<b>CNO (LEVEL_0_CONFIGURATION_FILE)</b>
0	AUX_CNO_AXVPDS20020123_121901_20020101_000000_20200101_000000
	<b>FPO (ORBIT_STATE_VECTOR_FILE)</b>
1	AUX_FPO_AXVPDS20120220_232939_20120220_194732_20120301_202055

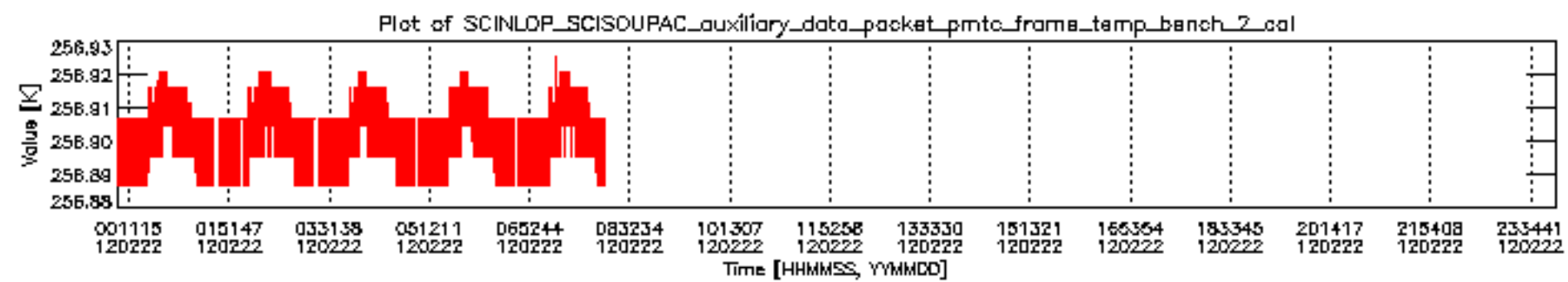


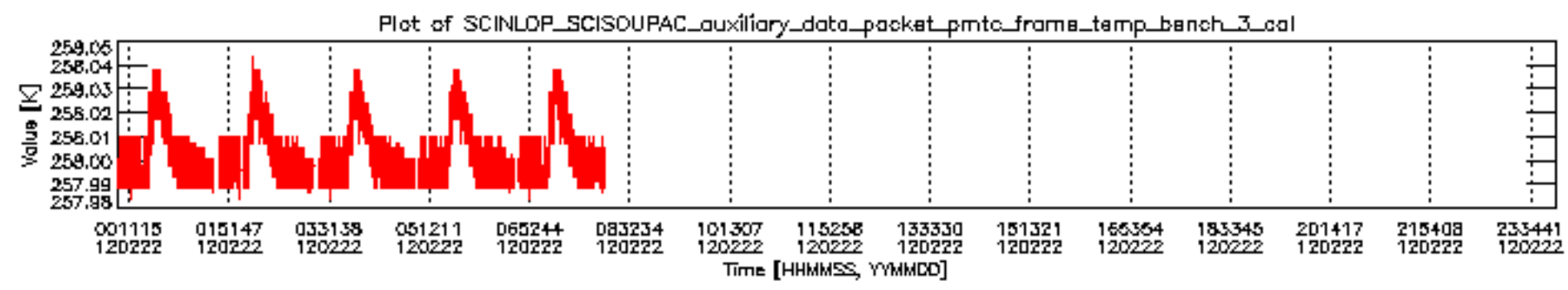
sciamachy\_daily\_report\_level0\_KSPT\_L0\_4504\_N\_20120222\_6.PNG



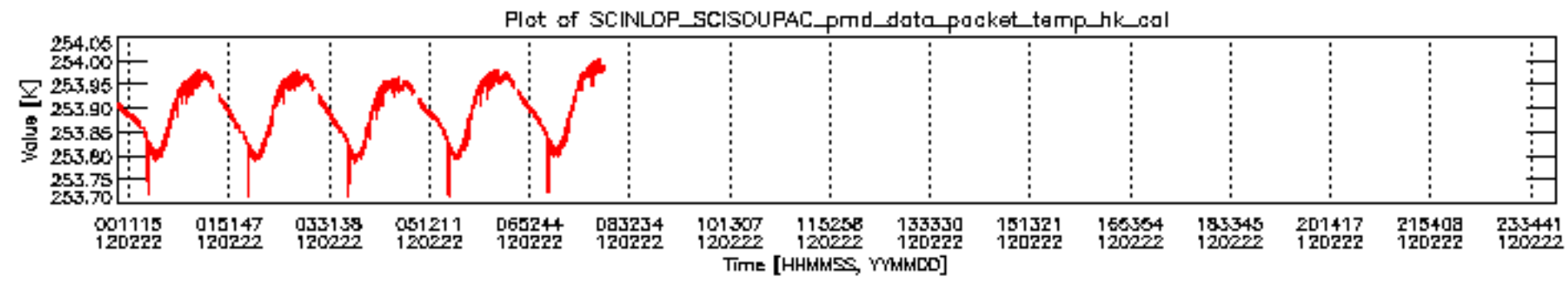
sciamachy\_daily\_report\_level0\_KSPT\_L0\_4504\_N\_20120222\_7.PNG

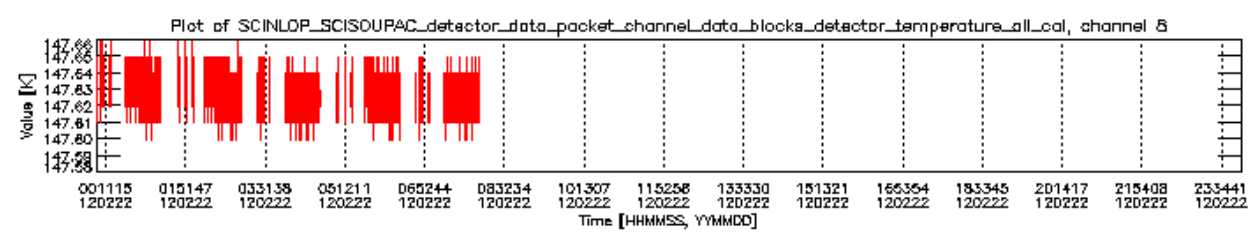
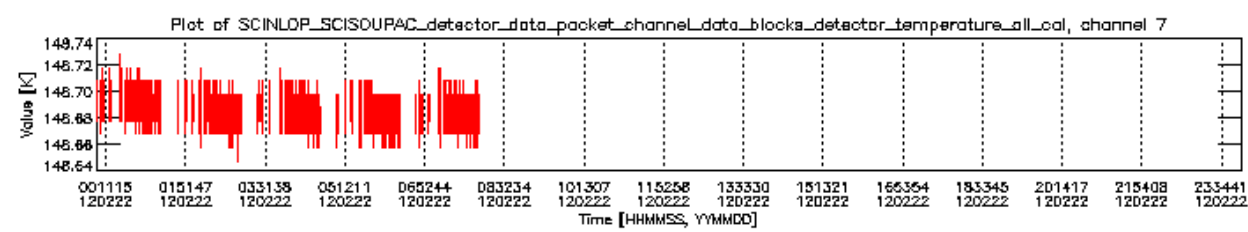
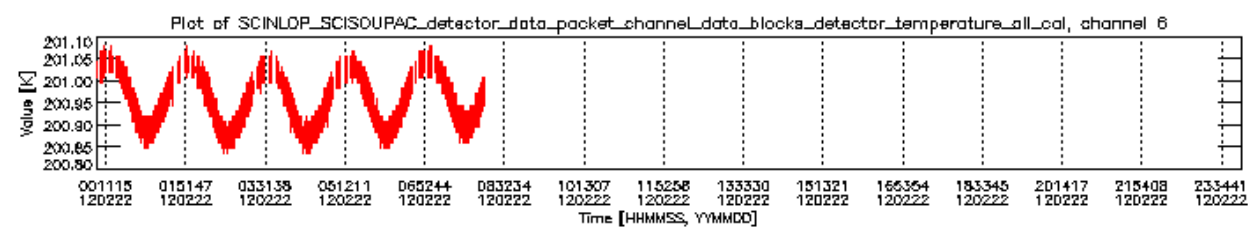
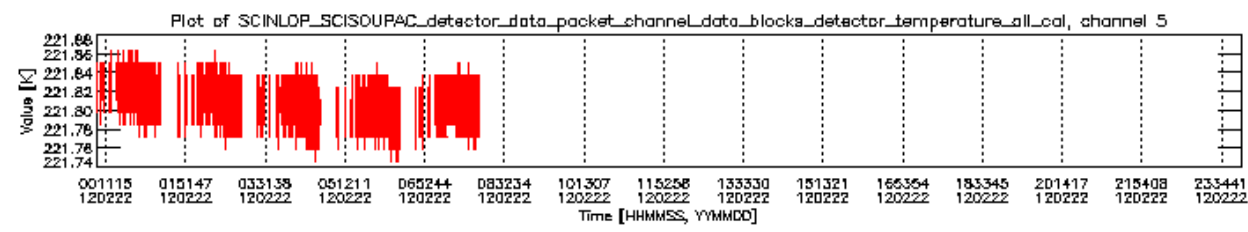
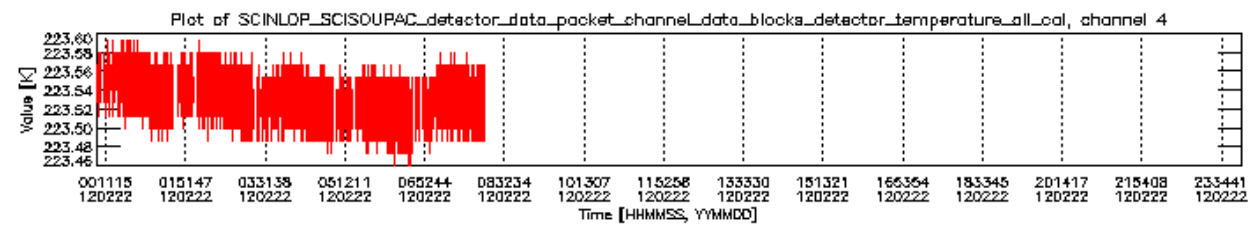
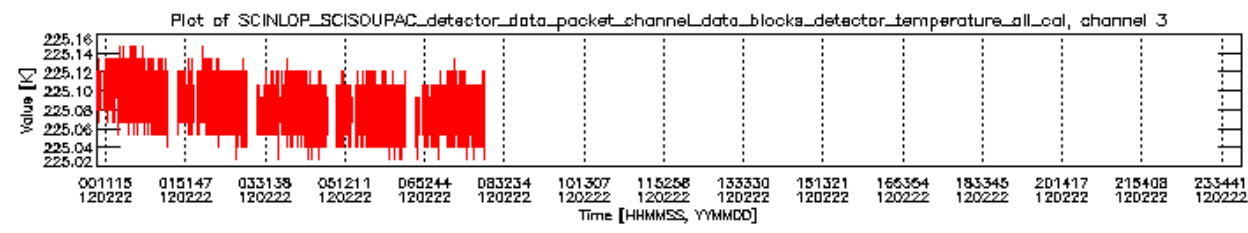
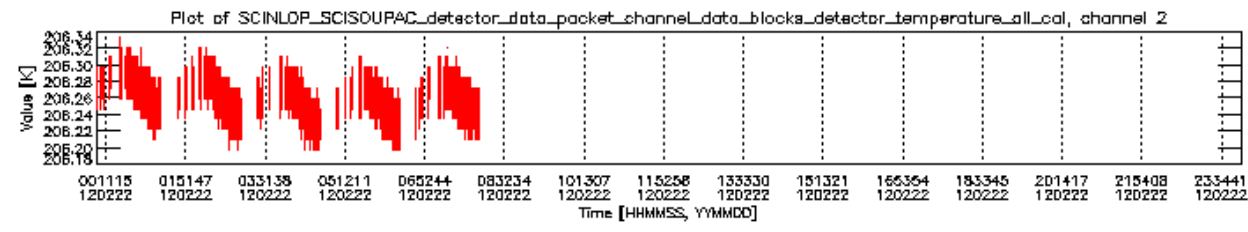
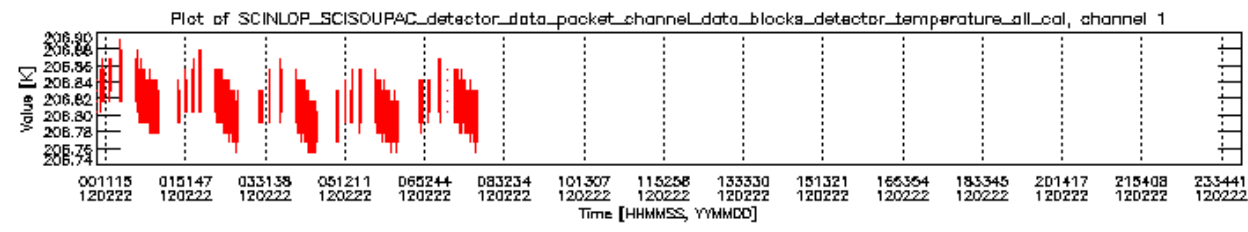












Bar plot of planned DMOP activities and new calibration data for SCIAMACHY.  
 Each row indicates an orbit. A light gray colour indicates the time span of 22FEB2012.  
 A medium gray color indicates the time span of available SCI\_NL\_1P products for this day.  
 The remaining colours indicate planned activities and/or special measurements.  
 Planned activities are shown on the top half of each row, special measurements on the bottom half.

