

## 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	10OCT2009 05:54:14
Data source version	KSPT_L0/4303-N
Processing scope for products	06OCT2009 00:00:00 to 07OCT2009 00:00:00
Start time of first product within scope	05OCT2009 23:06:50
Stop time of last product within scope	07OCT2009 00:16:40
Total number of level 0 products	16
Number of level 0 products with errors	2

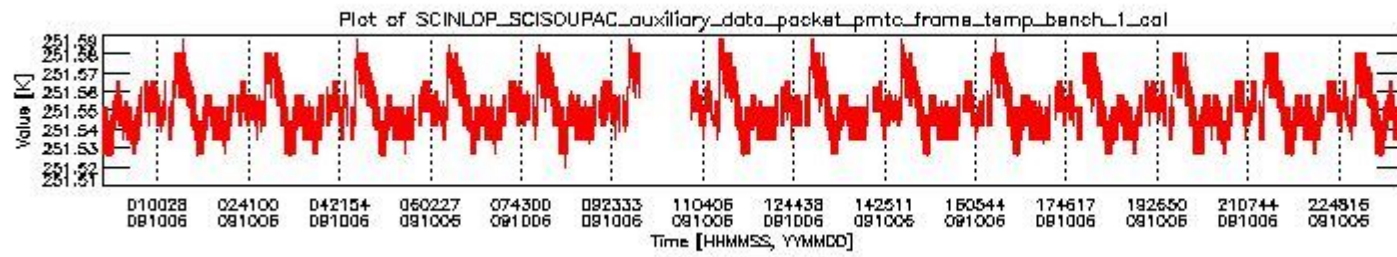
### 0.1.2 Summary per product

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

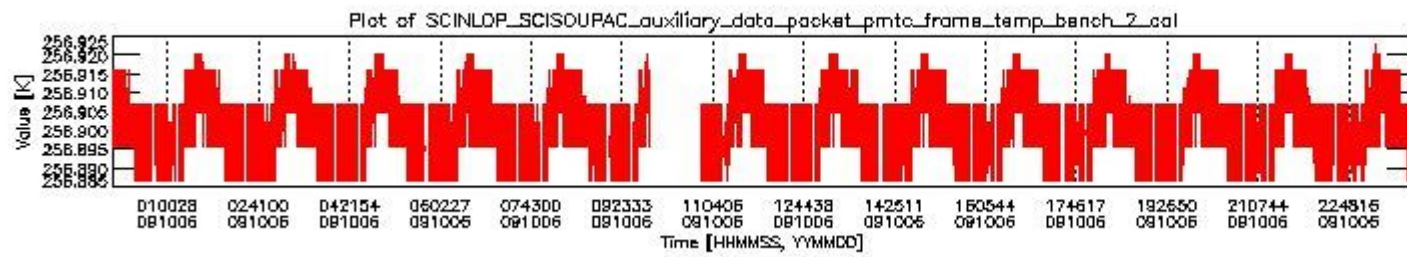
#	Product name	Start time	Stop time	Prod err	ISP err sign	ISP miss sign	ISP disc sign	rs sign
0	SCI_NL__OPNPDE20091005_230650_000061242083_00101_39734_0077.N1	05OCT2009 23:06:50	06OCT2009 00:48:53	0	0	0	0	0
1	SCI_NL__OPNPDE20091006_004810_000056422083_00102_39735_0078.N1	06OCT2009 00:48:10	06OCT2009 02:22:12	0	0	0	0	0
2	SCI_NL__OPNPDE20091006_022802_000043652083_00103_39736_0079.N1	06OCT2009 02:28:02	06OCT2009 03:40:48	0	0	0	0	0
3	SCI_NL__OPNPDE20091006_034048_000061052083_00104_39737_0080.N1	06OCT2009 03:40:48	06OCT2009 05:22:33	0	0	0	0	0
4	SCI_NL__OPNPDE20091006_052137_000060922083_00105_39738_0081.N1	06OCT2009 05:21:37	06OCT2009 07:03:09	0	0	0	0	0
5	SCI_NL__OPNPDK20091006_070309_000040462083_00106_39739_2930.N1	06OCT2009 07:03:09	06OCT2009 08:10:35	0	0	0	0	0
6	SCI_NL__OPNPDK20091006_080939_000062172083_00107_39740_2931.N1	06OCT2009 08:09:39	06OCT2009 09:53:16	0	0	0	0	0
7	SCI_NL__OPNPDK20091006_105105_000023182083_00108_39741_2932.N1	06OCT2009 10:51:05	06OCT2009 11:29:43	0	0	0	0	0
8	SCI_NL__OPNPDK20091006_112847_000060242083_00109_39742_2933.N1	06OCT2009 11:28:47	06OCT2009 13:09:11	1	1	0	0	0
9	SCI_NL__OPNPDK20091006_130707_000059812083_00110_39743_2934.N1	06OCT2009 13:07:07	06OCT2009 14:46:47	0	0	0	0	0
10	SCI_NL__OPNPDK20091006_144455_000060372083_00111_39744_2935.N1	06OCT2009 14:44:55	06OCT2009 16:25:32	0	0	0	0	0
11	SCI_NL__OPNPDK20091006_162218_000061542083_00112_39745_2936.N1	06OCT2009 16:22:18	06OCT2009 18:04:52	0	0	0	0	0
12	SCI_NL__OPNPDK20091006_180255_000060372083_00113_39746_2937.N1	06OCT2009 18:02:55	06OCT2009 19:43:31	1	1	0	0	0
13	SCI_NL__OPNPDE20091006_194331_000039292083_00114_39747_0082.N1	06OCT2009 19:43:31	06OCT2009 20:49:00	0	0	0	0	0
14	SCI_NL__OPNPDE20091006_204752_000065362083_00114_39747_0083.N1	06OCT2009 20:47:52	06OCT2009 22:36:48	0	0	0	0	0
15	SCI_NL__OPNPDE20091006_223604_000060362083_00115_39748_0084.N1	06OCT2009 22:36:04	07OCT2009 00:16:40	0	0	0	0	0

## 0.2 Product Quality Indicators

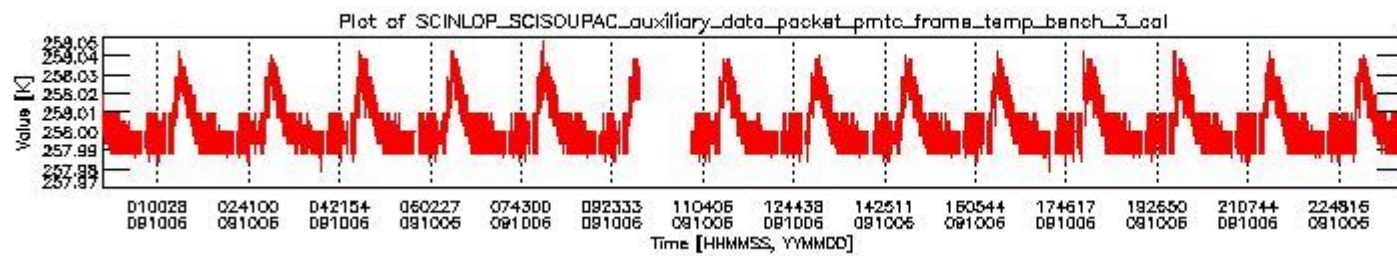
This section shows information about product quality, currently temperatures.



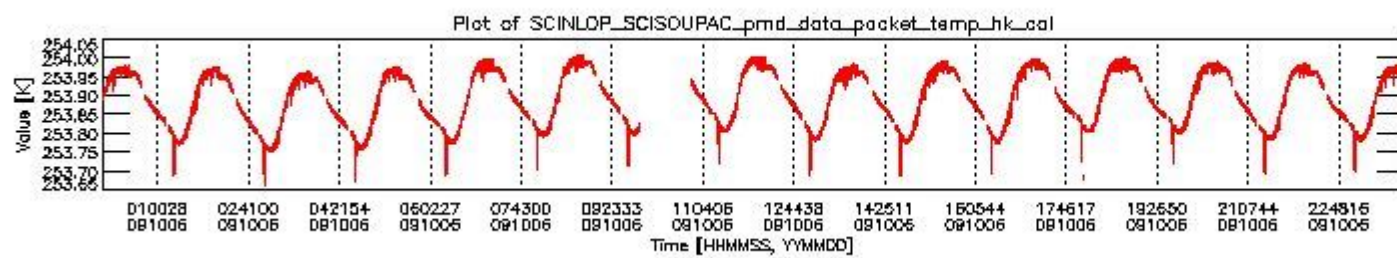
sciamachy\_daily\_report\_level0\_KSPT\_L0\_4303\_N\_20091006\_0.PNG



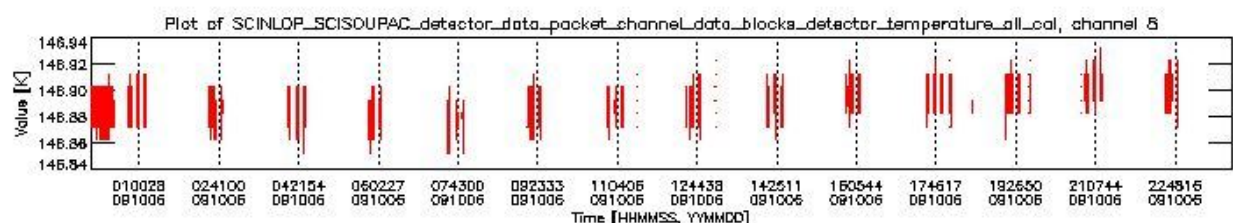
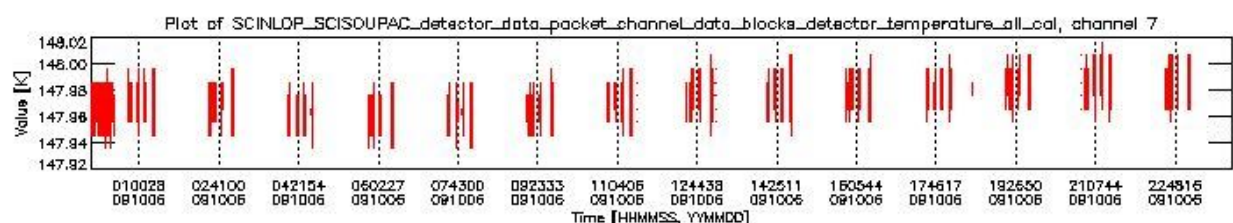
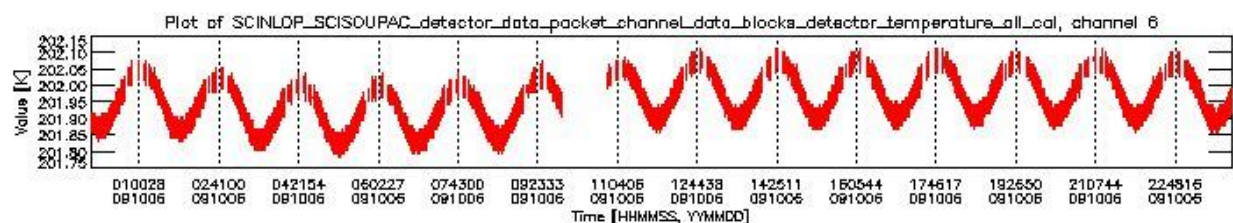
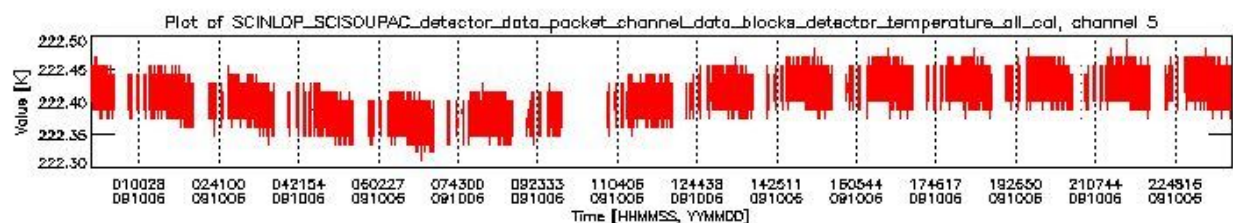
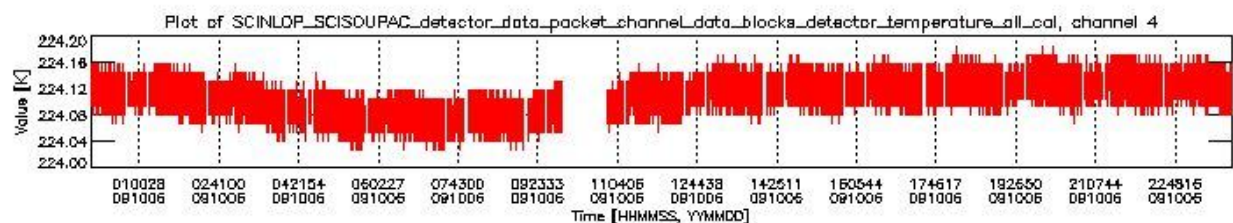
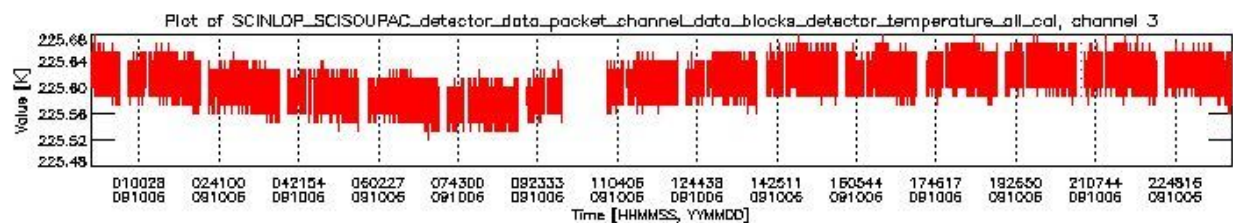
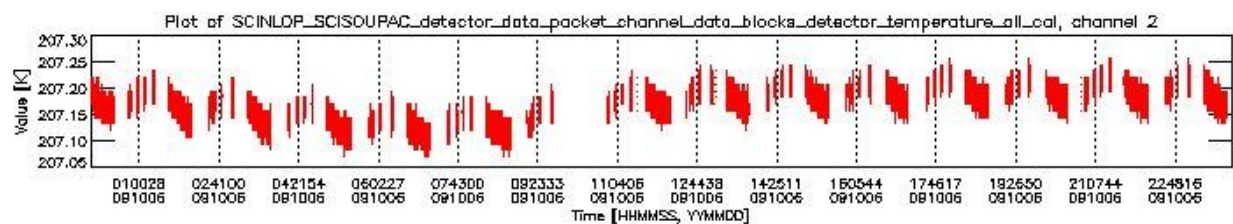
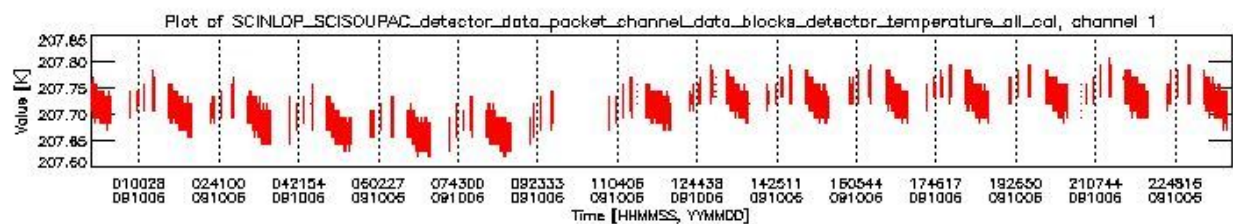
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sciamachy\_daily\_report\_level0\_KSPT\_L0\_4303\_N\_20091006\_2.PNG



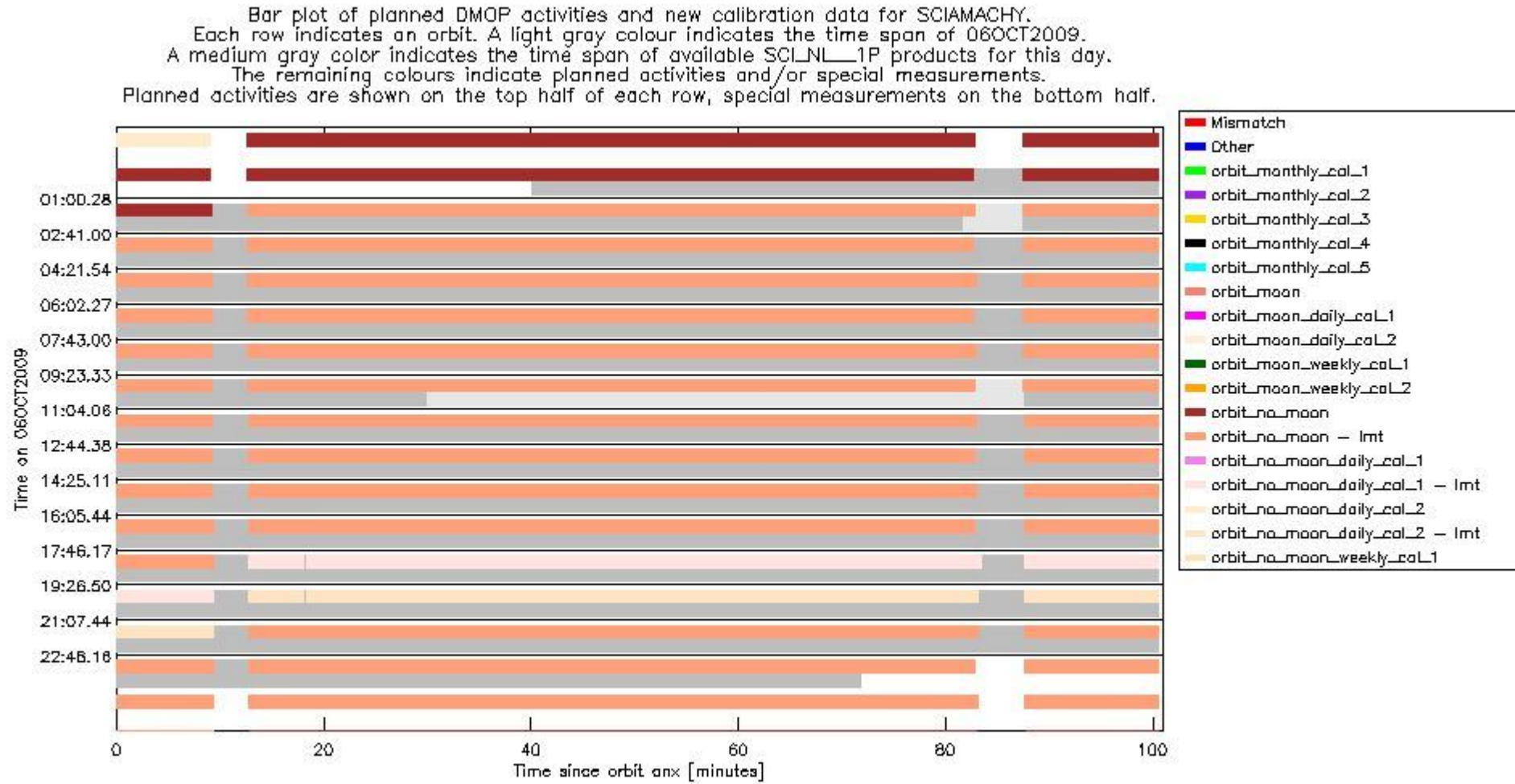
sciamachy\_daily\_report\_level0\_KSPT\_L0\_4303\_N\_20091006\_3.PNG



### 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.



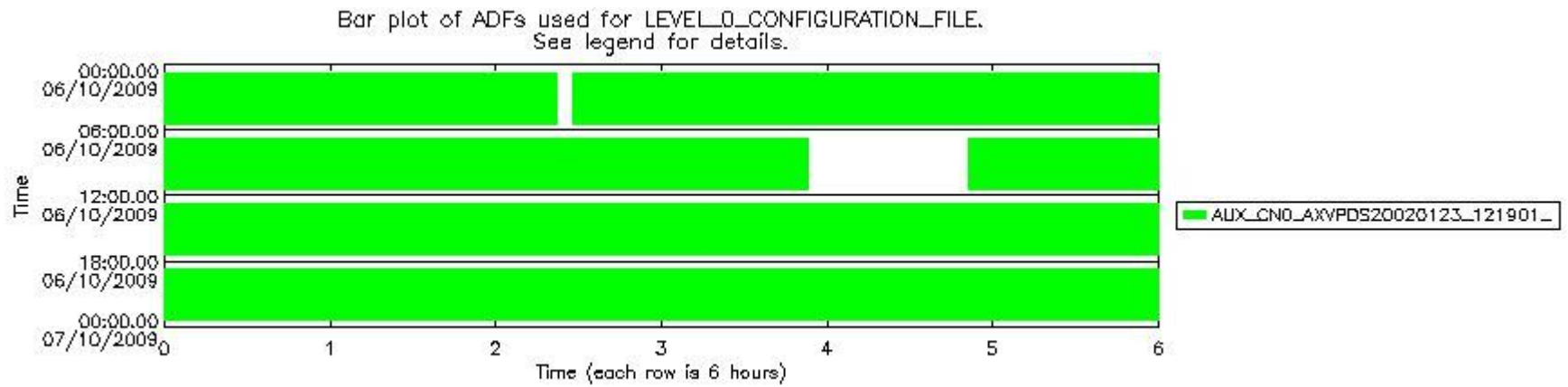
### 0.4 ADF monitoring

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

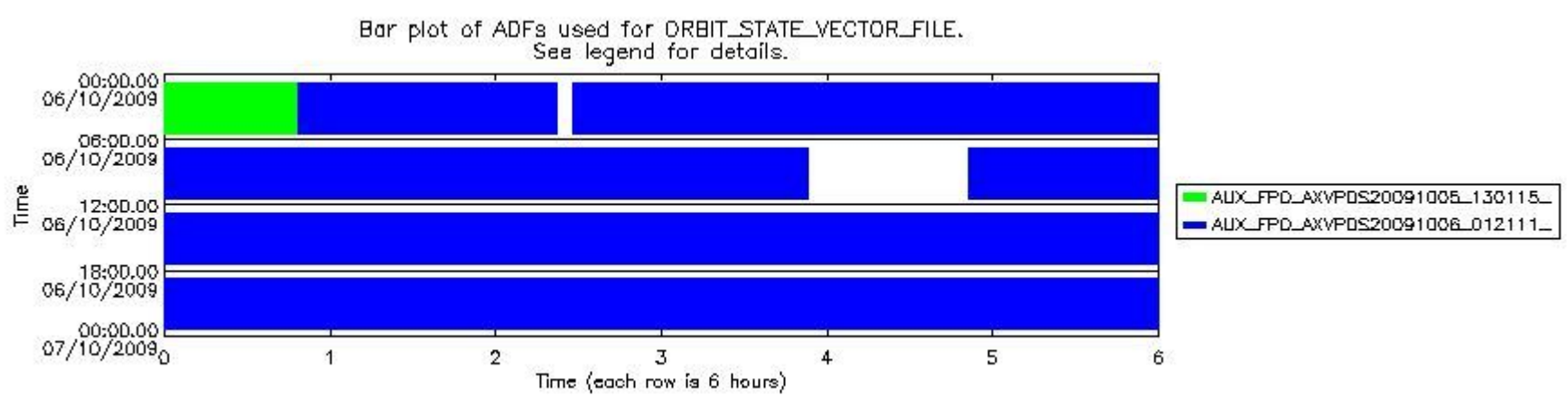
- A table showing which ADFs were used for processing (red values indicate that multiple ADFs of the same type were used)
- Various time line plots, one for each ADF, which show when which ADF was used.

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_AXVPDS20091005_130115_20091004_184942_20091014_201556
2	AUX_FPO_AXVPDS20091006_012111_20091005_195841_20091015_212455



sciamachy\_daily\_report\_level0\_KSPT\_L0\_4303\_N\_20091006\_6.PNG



sciamachy\_daily\_report\_level0\_KSPT\_L0\_4303\_N\_20091006\_7.PNG

