

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	23JUN2010 17:17:55
Data source version	KSPT_L0/4303-N
Processing scope for products	01MAR2010 00:00:00 to 02MAR2010 00:00:00
Start time of first product within scope	01MAR2010 01:00:14
Stop time of last product within scope	02MAR2010 00:21:07
Total number of Level 0 products	14
Number of Level 0 products with errors	0

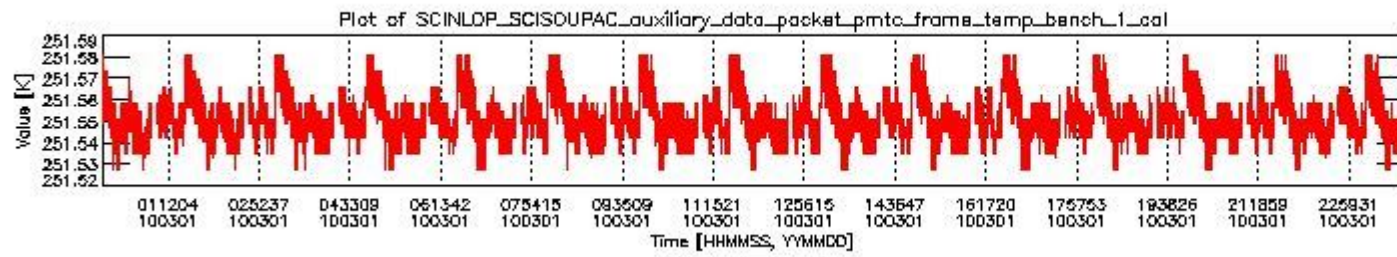
0.1.2 Summary per product

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

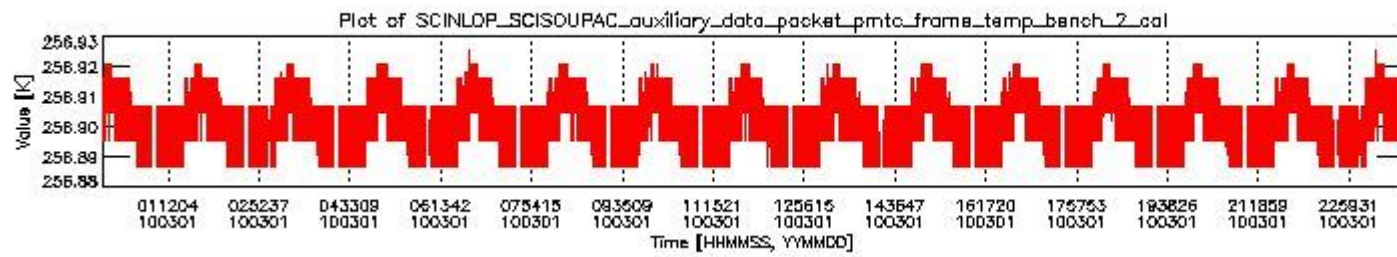
#	Product name	Start time	Stop time	Prod err	ISP err sign	ISP miss sign	ISP disc sign	rs sign
0	SCI_NL__OPNPDE20100301_010014_000095732087_00188_41825_1000.N1	01MAR2010 01:00:14	01MAR2010 03:39:47	0	0	0	0	0
1	SCI_NL__OPNPDE20100301_033947_000069192087_00190_41827_1001.N1	01MAR2010 03:39:47	01MAR2010 05:35:07	0	0	0	0	0
2	SCI_NL__OPNPDE20100301_053507_000059672087_00191_41828_1002.N1	01MAR2010 05:35:07	01MAR2010 07:14:33	0	0	0	0	0
3	SCI_NL__OPNPDK20100301_071433_000040452087_00192_41829_4224.N1	01MAR2010 07:14:33	01MAR2010 08:21:58	0	0	0	0	0
4	SCI_NL__OPNPDK20100301_082102_000061472087_00193_41830_4225.N1	01MAR2010 08:21:02	01MAR2010 10:03:29	0	0	0	0	0
5	SCI_NL__OPNPDK20100301_100233_000060352087_00194_41831_4226.N1	01MAR2010 10:02:33	01MAR2010 11:43:09	0	0	0	0	0
6	SCI_NL__OPNPDK20100301_114213_000058982087_00195_41832_4227.N1	01MAR2010 11:42:13	01MAR2010 13:20:31	0	0	0	0	0
7	SCI_NL__OPNPDK20100301_131935_000059802087_00196_41833_4228.N1	01MAR2010 13:19:35	01MAR2010 14:59:15	0	0	0	0	0
8	SCI_NL__OPNPDK20100301_145711_000059802087_00197_41834_4229.N1	01MAR2010 14:57:11	01MAR2010 16:36:50	0	0	0	0	0
9	SCI_NL__OPNPDK20100301_163336_000061602087_00198_41835_4230.N1	01MAR2010 16:33:36	01MAR2010 18:16:17	0	0	0	0	0
10	SCI_NL__OPNPDK20100301_181412_000061192087_00199_41836_4231.N1	01MAR2010 18:14:12	01MAR2010 19:56:11	0	0	0	0	0
11	SCI_NL__OPNPDE20100301_195447_000039362087_00200_41837_1003.N1	01MAR2010 19:54:47	01MAR2010 21:00:24	0	0	0	0	0
12	SCI_NL__OPNPDE20100301_205915_000065622087_00200_41837_1004.N1	01MAR2010 20:59:15	01MAR2010 22:48:38	0	0	0	0	0
13	SCI_NL__OPNPDE20100301_224754_000055932087_00201_41838_1005.N1	01MAR2010 22:47:54	02MAR2010 00:21:07	0	0	0	0	0

0.2 Product Quality Indicators

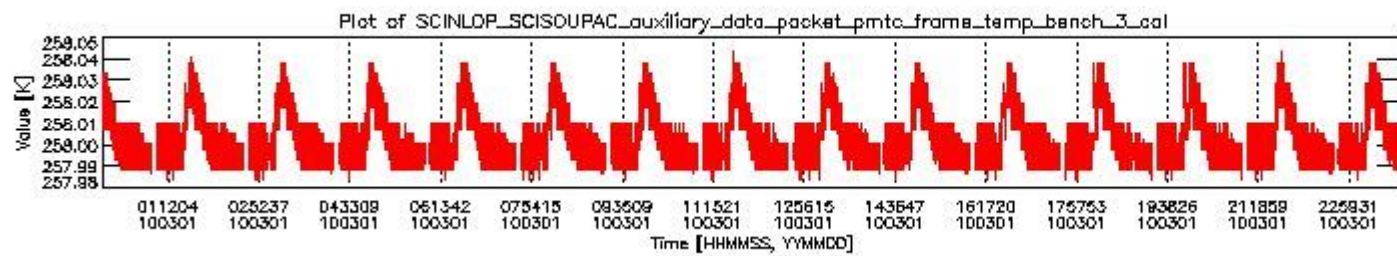
This section shows information about product quality, currently temperatures.



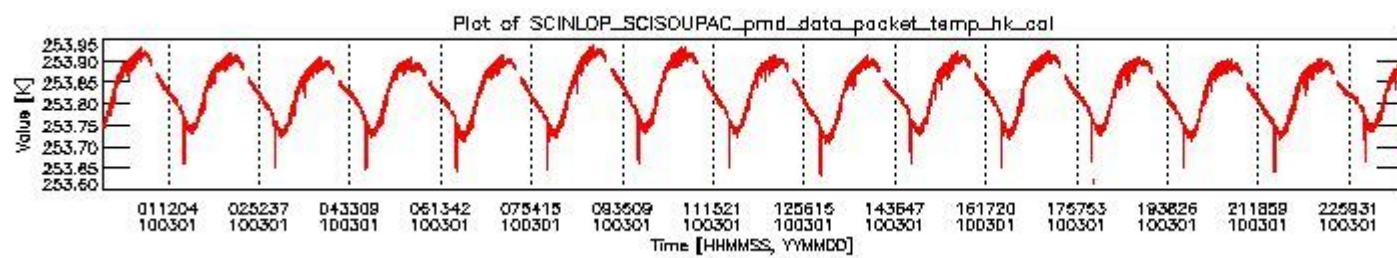
sciamachy_daily_report_level0_KSPT_L0_4303_N_20100301_0.PNG



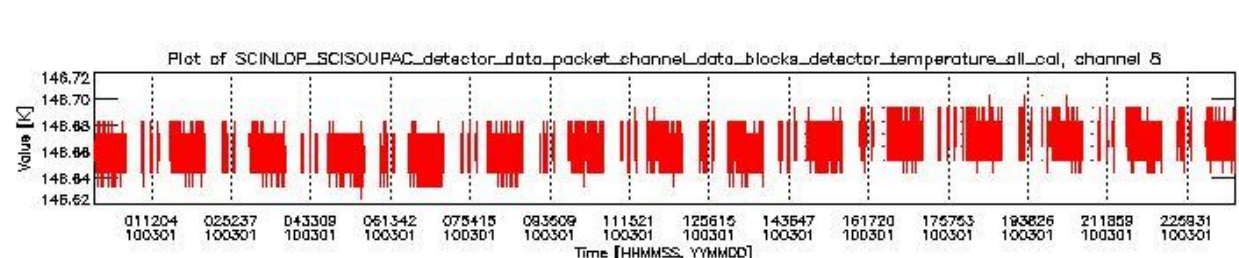
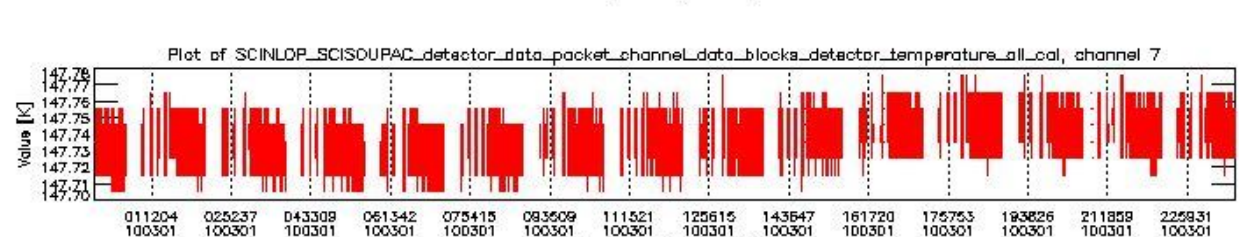
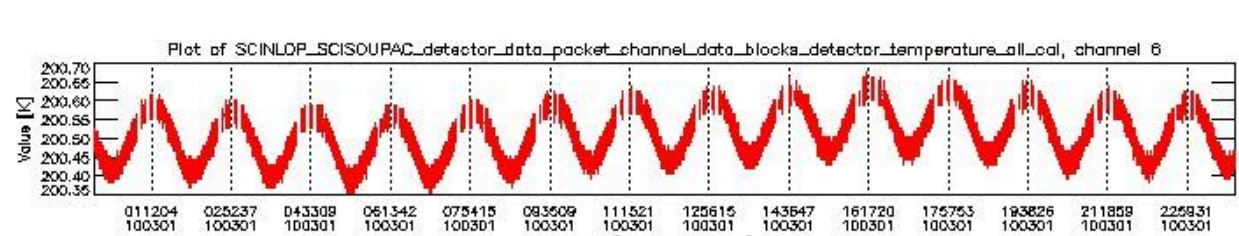
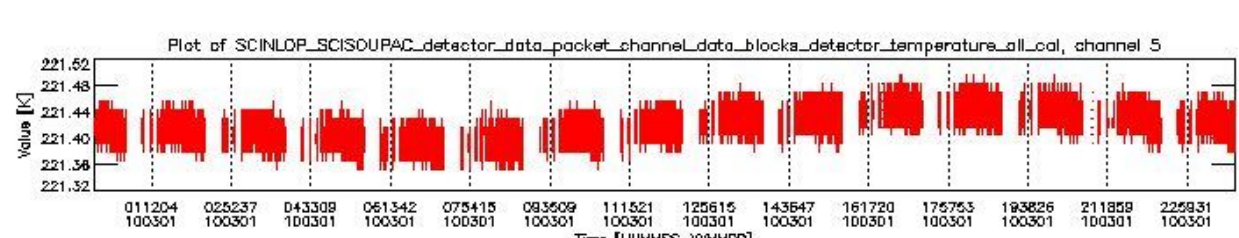
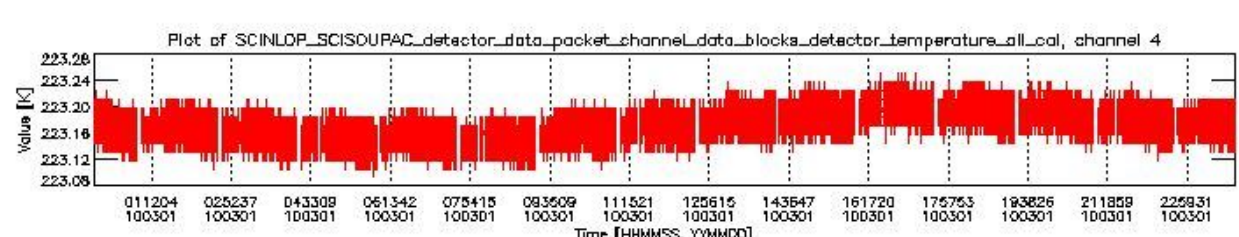
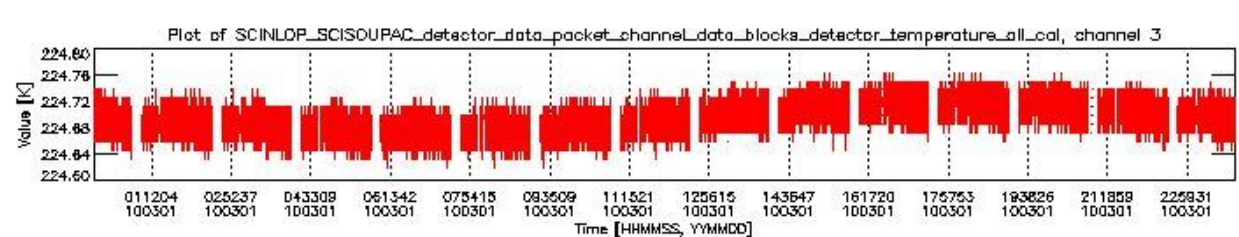
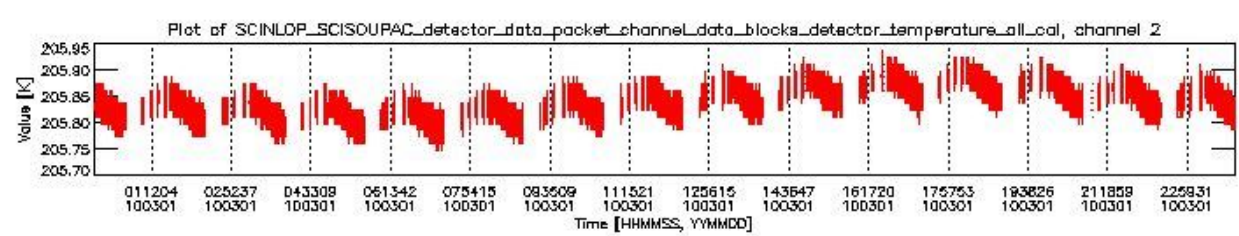
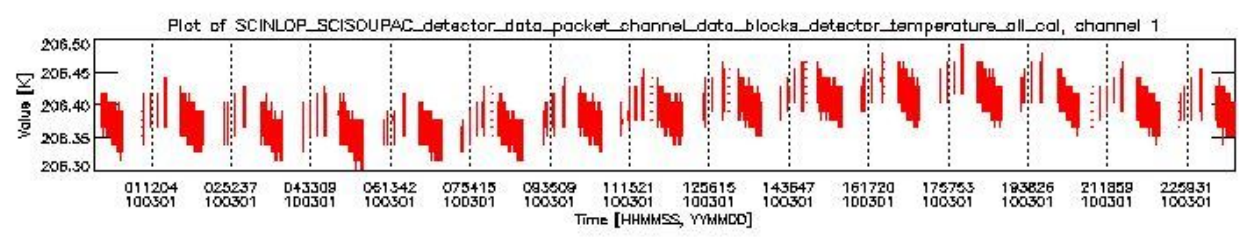
sciamachy_daily_report_level0_KSPT_L0_4303_N_20100301_1.PNG



sciamachy_daily_report_level0_KSPT_L0_4303_N_20100301_2.PNG



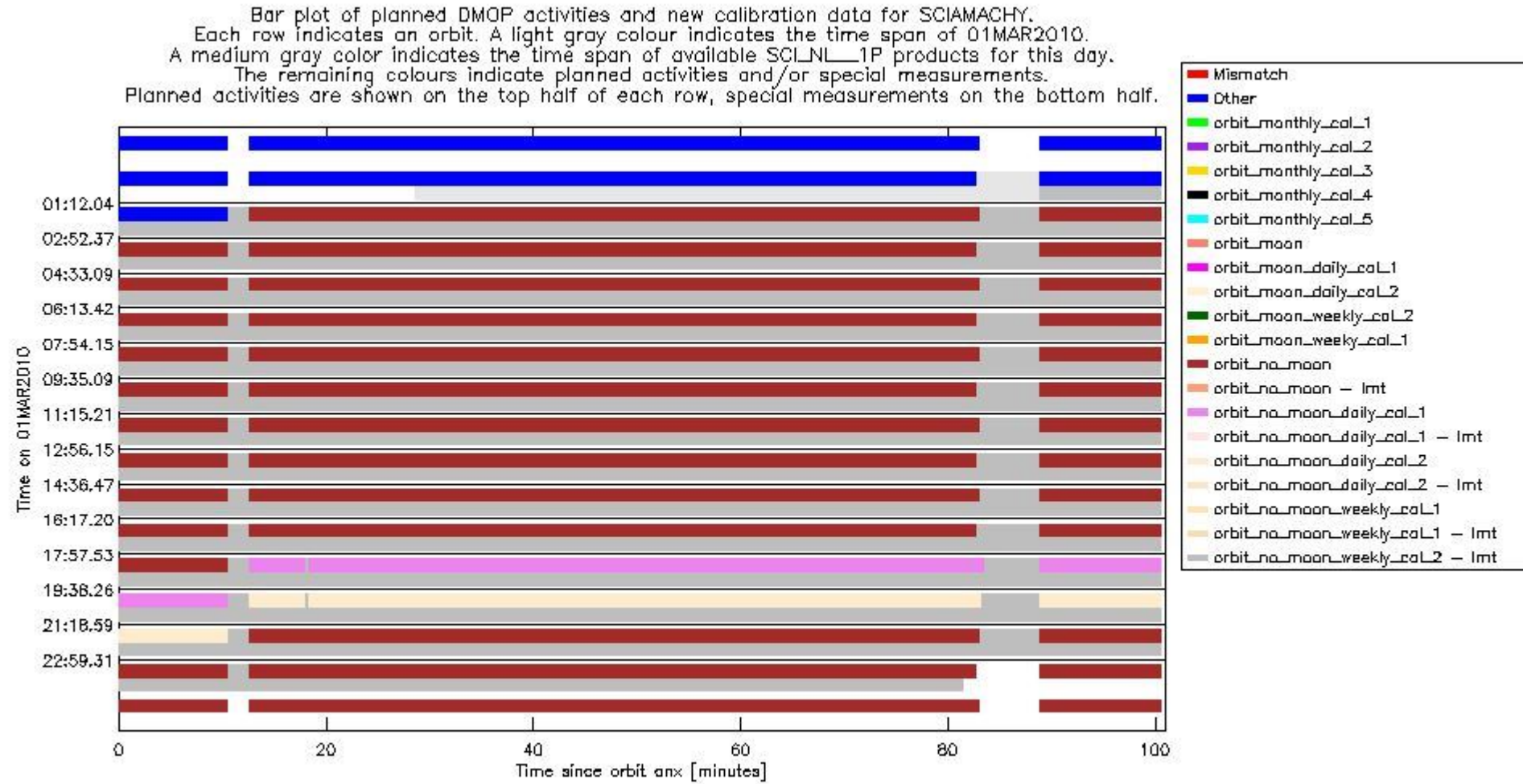
sciamachy_daily_report_level0_KSPT_L0_4303_N_20100301_3.PNG



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.



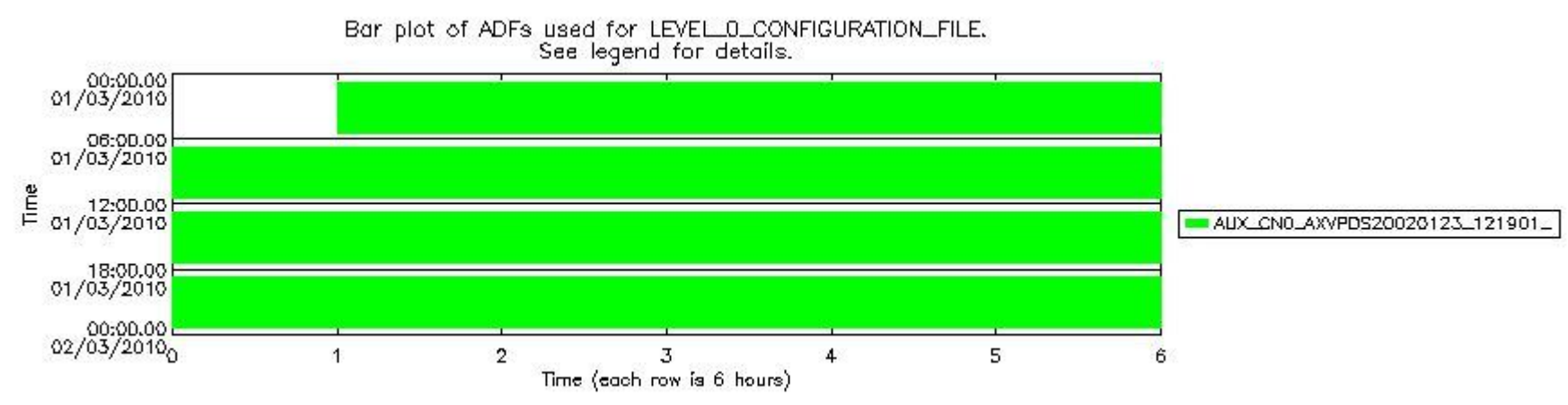
0.4 ADF monitoring

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

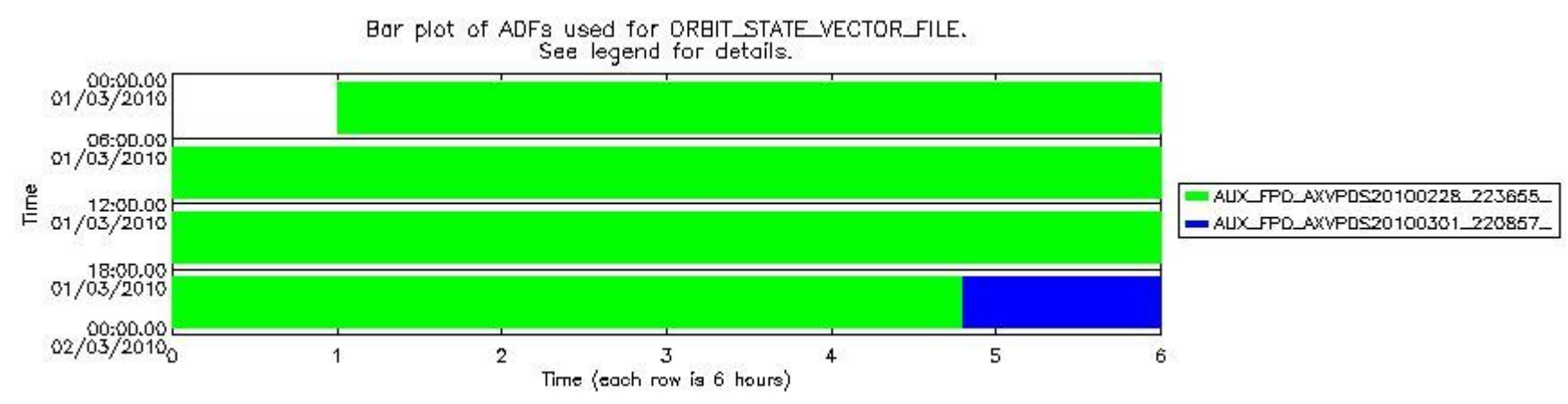
- A table showing which ADFs were used for processing (red values indicate that multiple ADFs of the same type were used)
- Various time line plots, one for each ADF, showing when and which ADF was used.

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

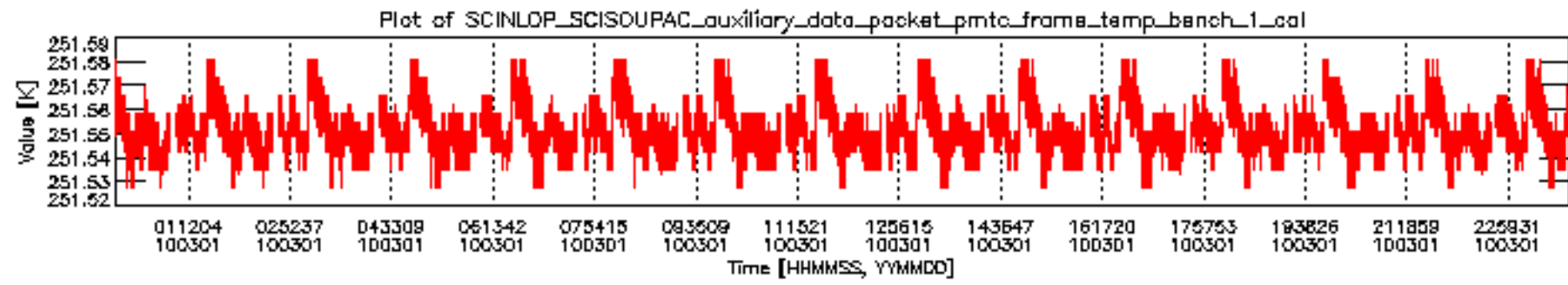
Number	ADF
	CNO (LEVEL_0_CONFIGURATION_FILE)
0	AUX_CNO_AXVPDS20020123_121901_20020101_000000_20200101_000000
	FPO (ORBIT_STATE_VECTOR_FILE)
1	AUX_FPO_AXVPDS20100228_223655_20100228_182932_20100310_213622
2	AUX_FPO_AXVPDS20100301_220857_20100301_193831_20100311_210445

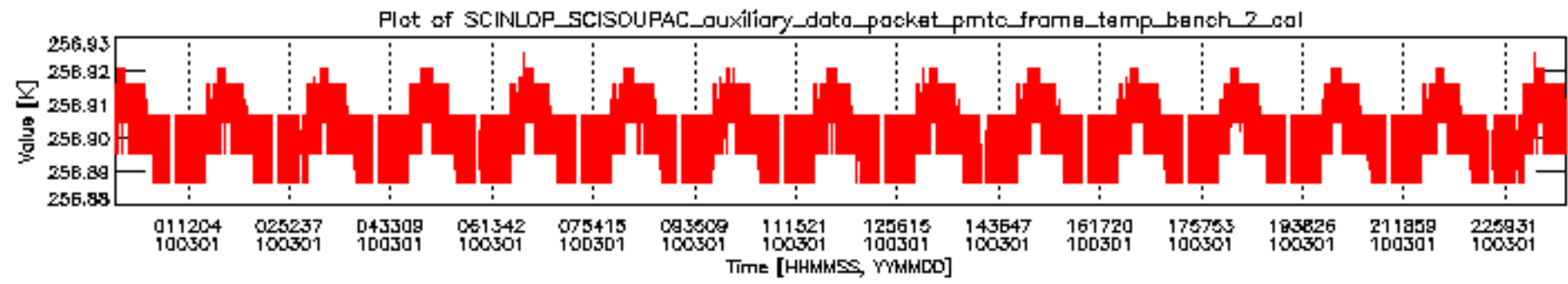


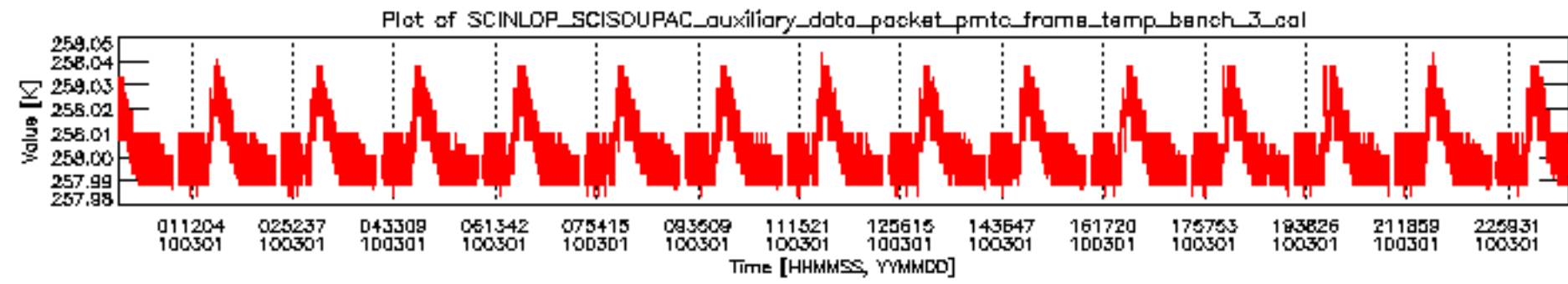
sciamachy_daily_report_level0_KSPT_L0_4303_N_20100301_6.PNG

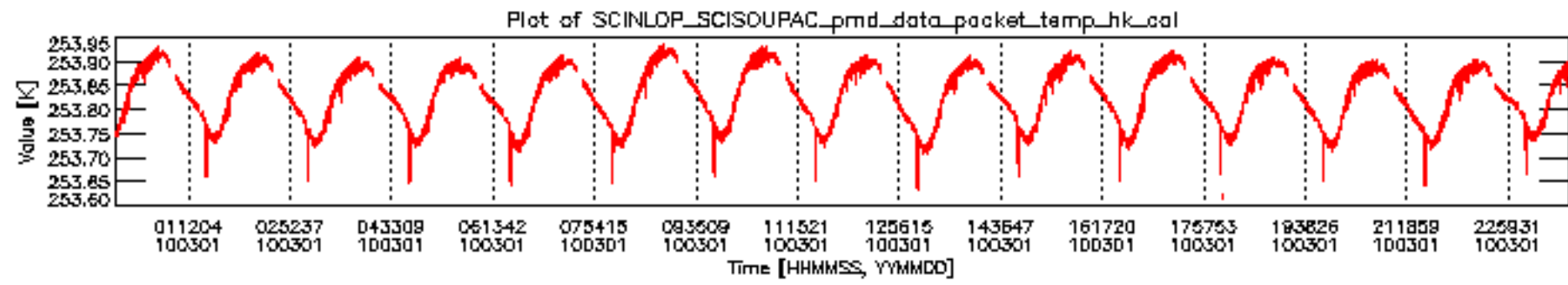


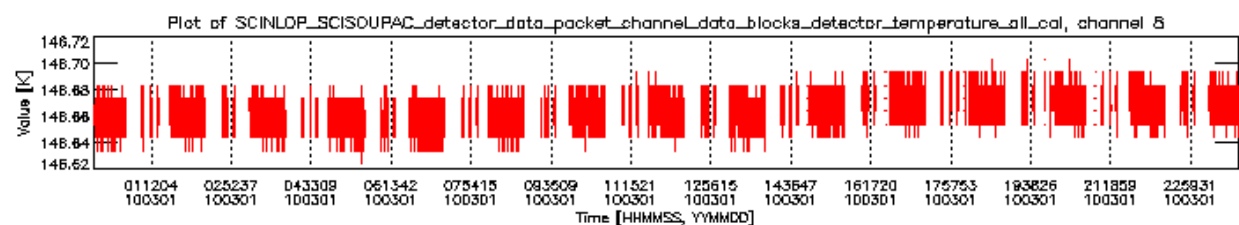
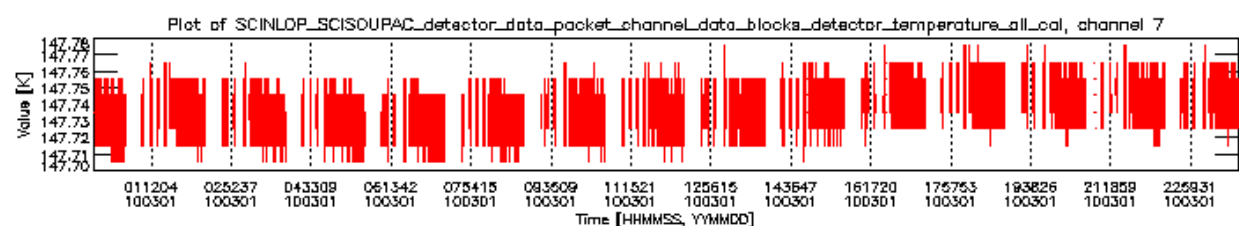
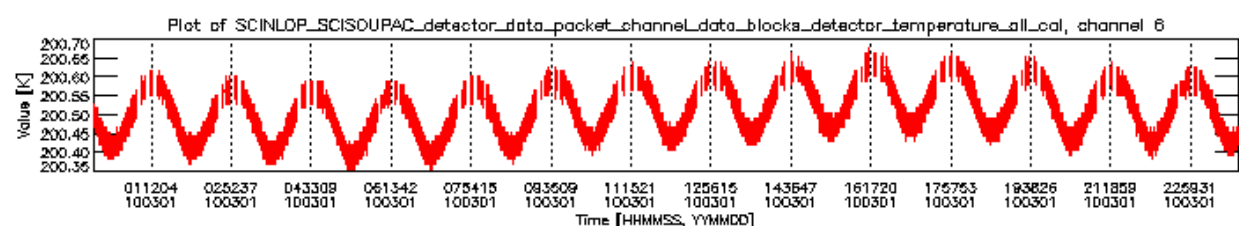
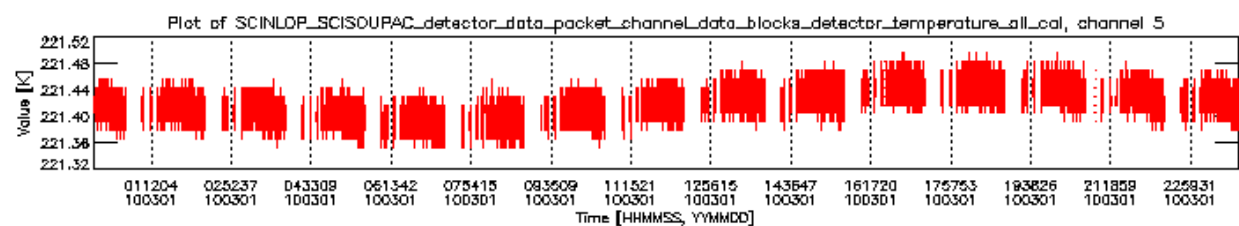
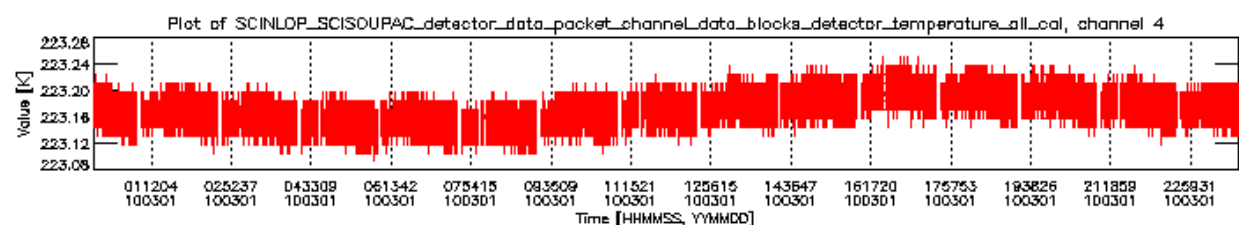
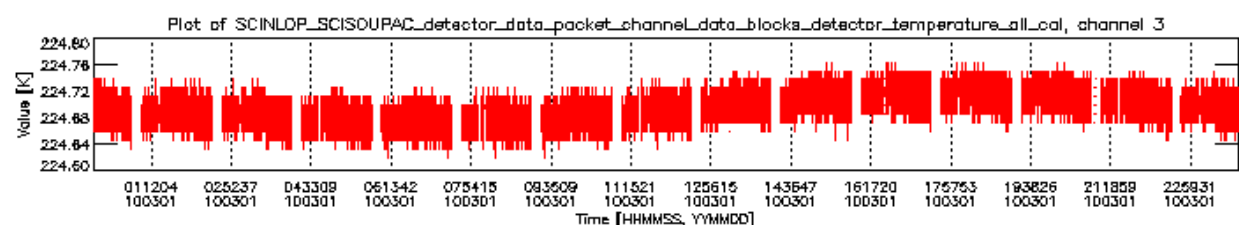
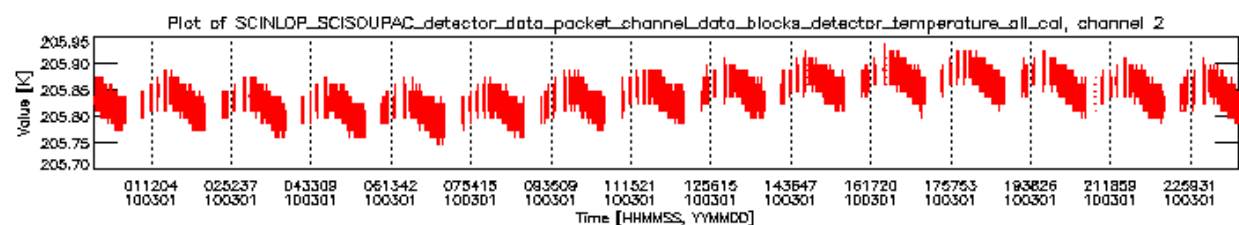
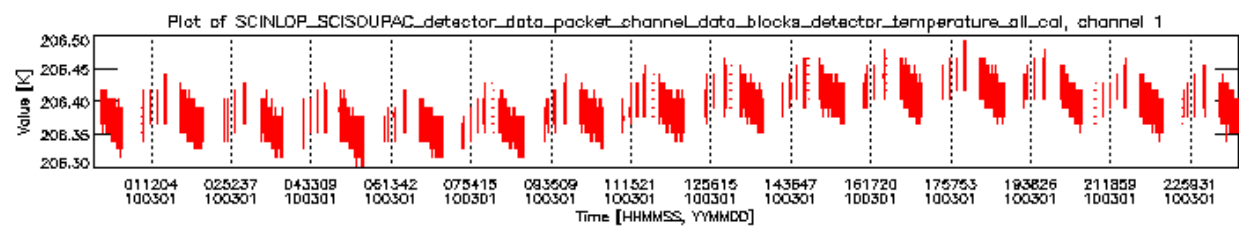
sciamachy_daily_report_level0_KSPT_L0_4303_N_20100301_7.PNG

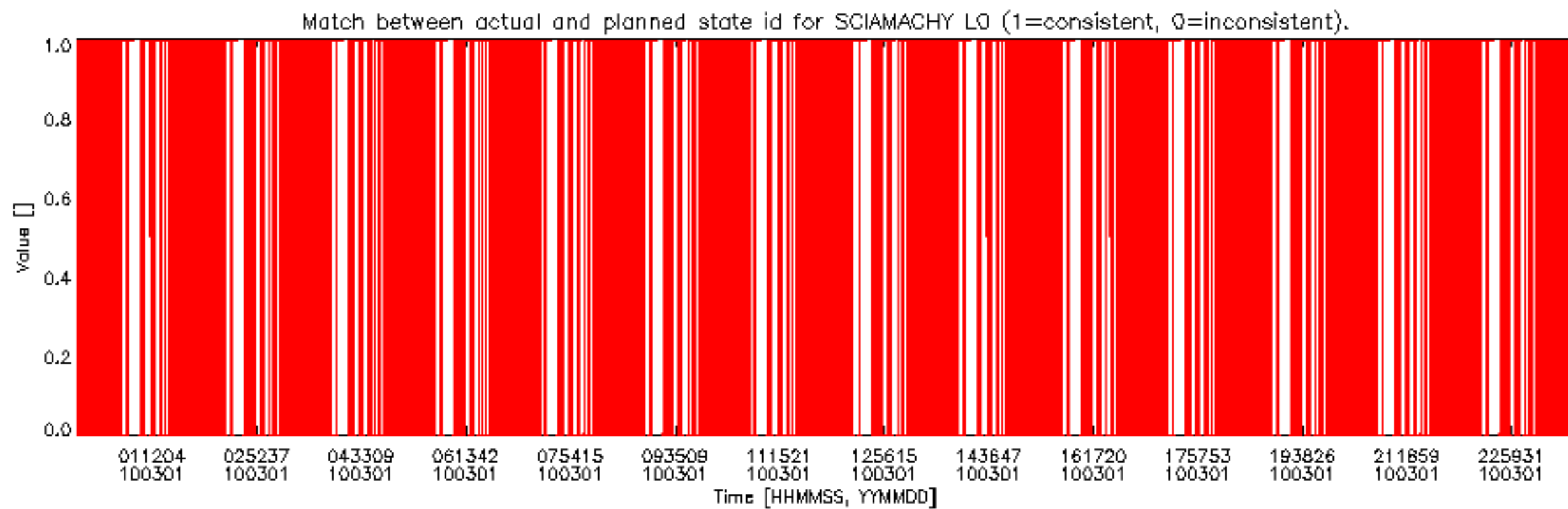
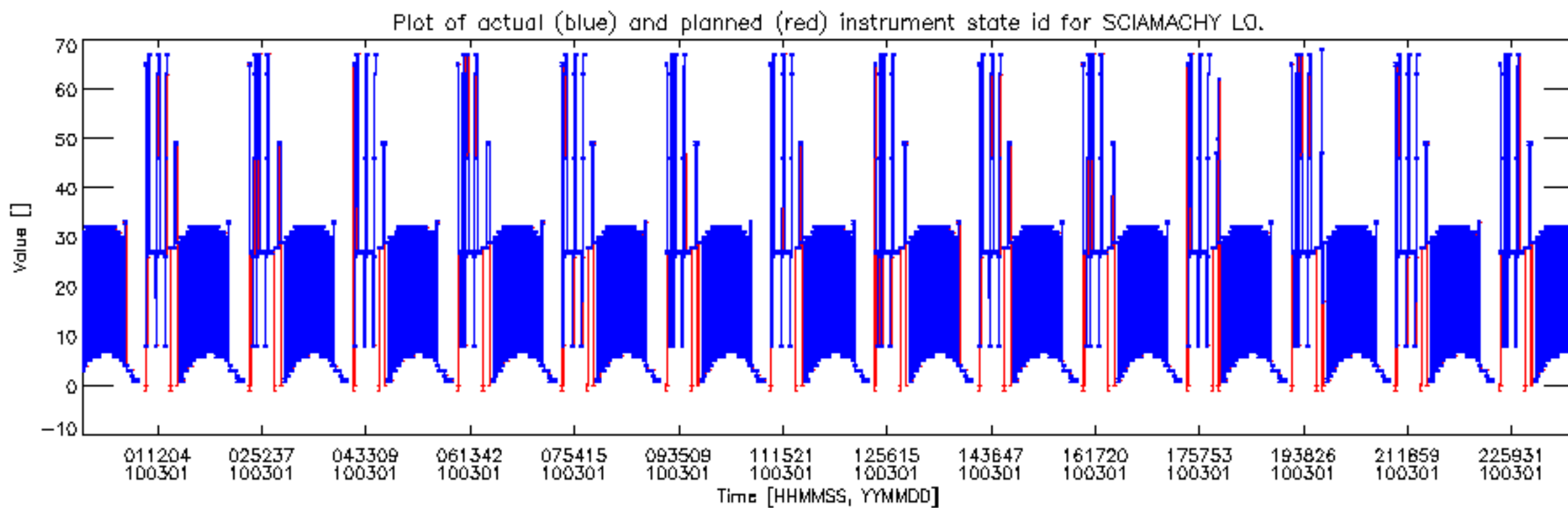




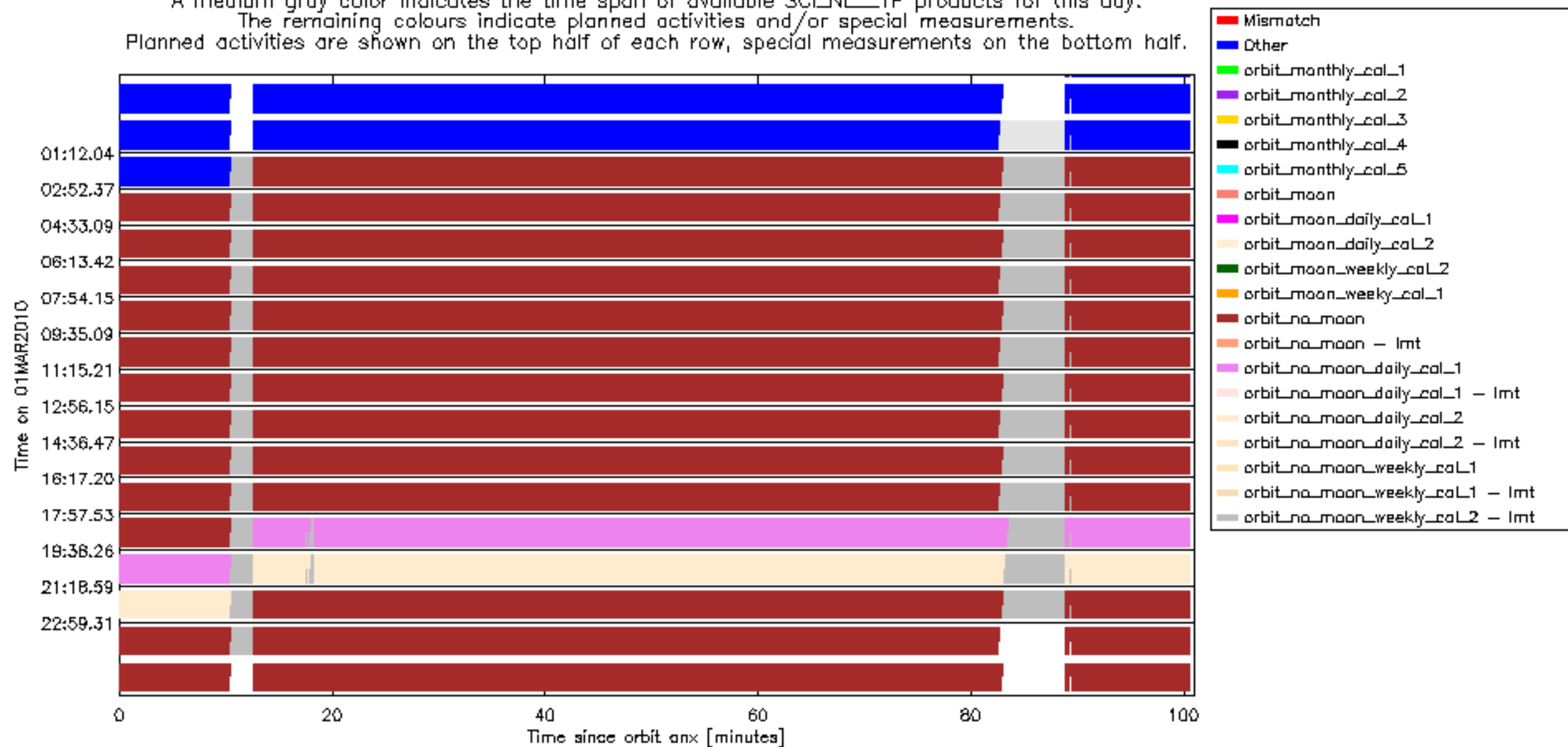


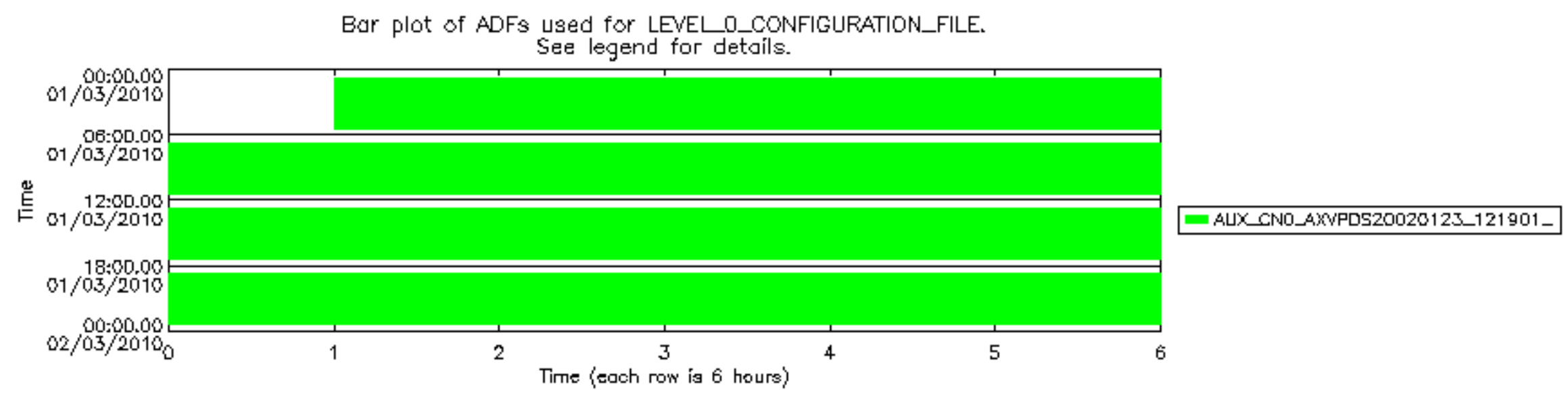


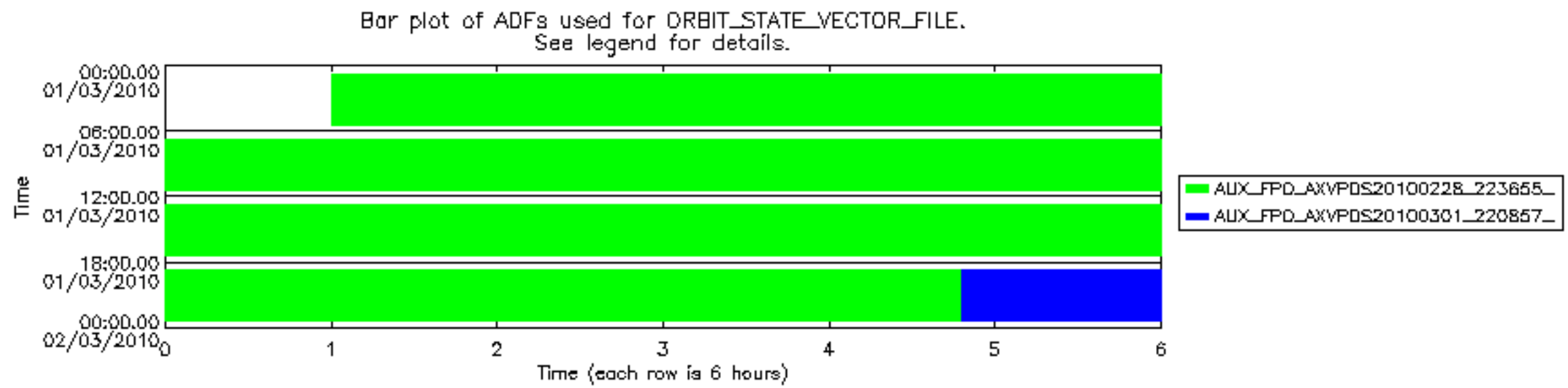


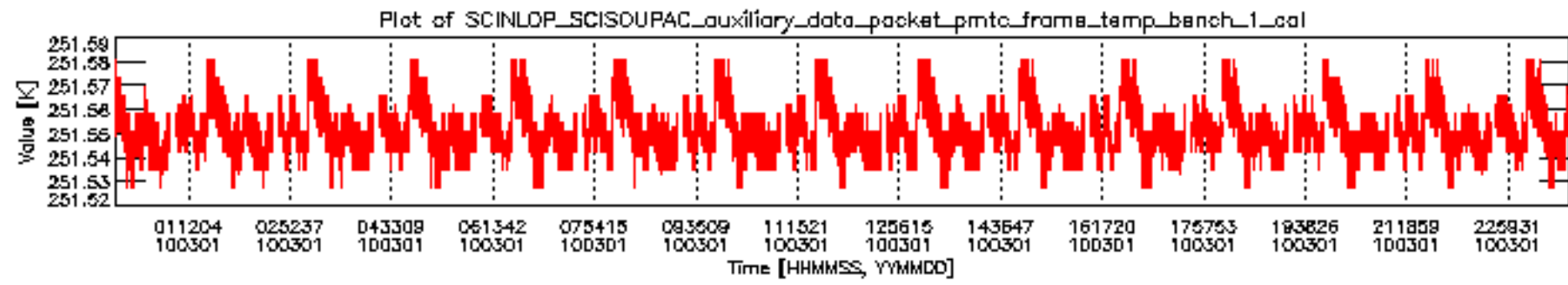


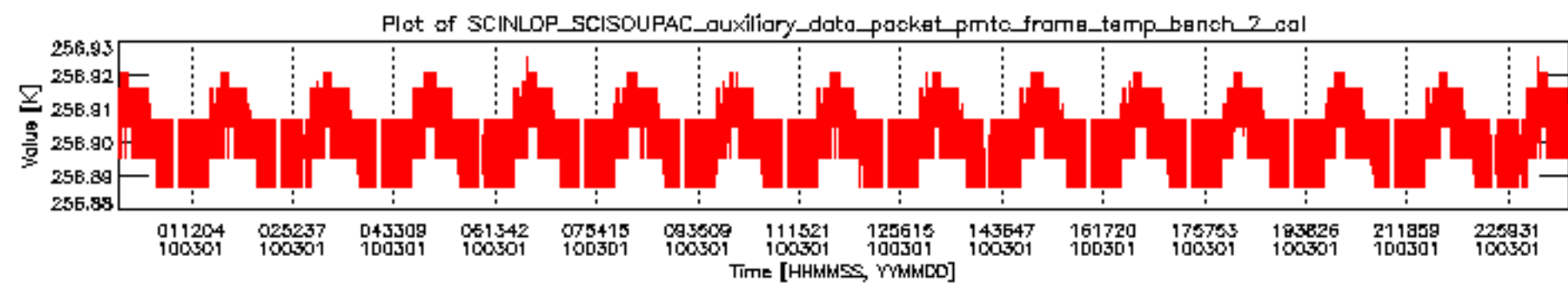
Bar plot of planned DMOP activities and new calibration data for SCIAMACHY.
 Each row indicates an orbit. A light gray colour indicates the time span of 01MAR2010.
 A medium gray color indicates the time span of available SCI_NL_1P products for this day.
 The remaining colours indicate planned activities and/or special measurements.
 Planned activities are shown on the top half of each row, special measurements on the bottom half.

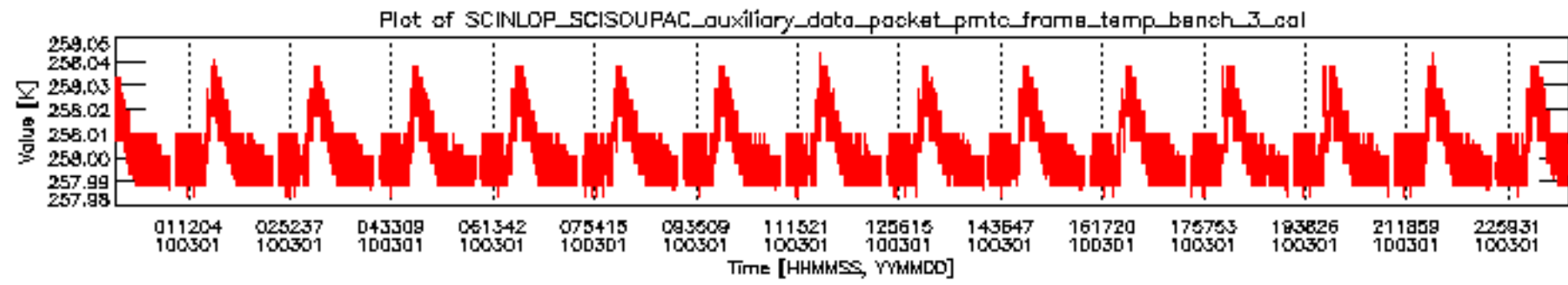


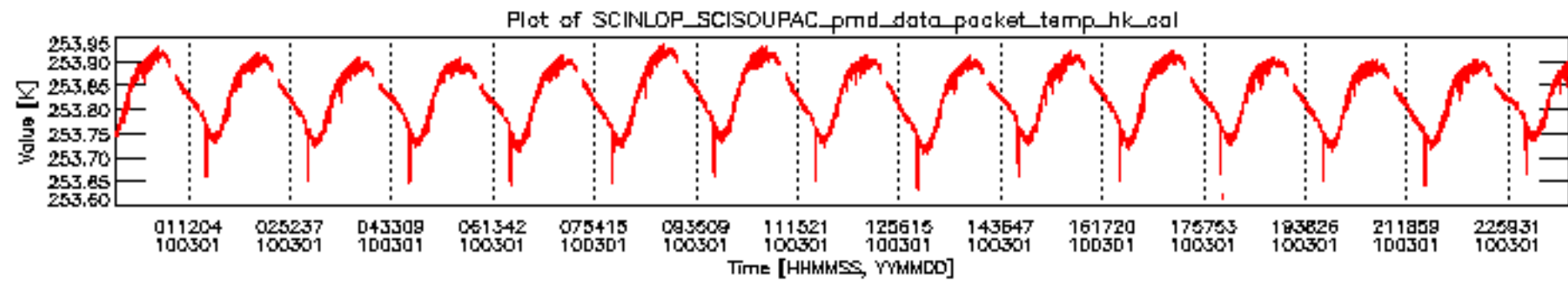


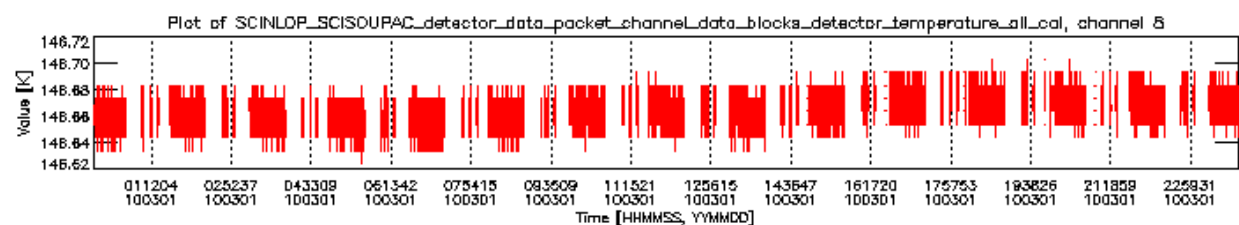
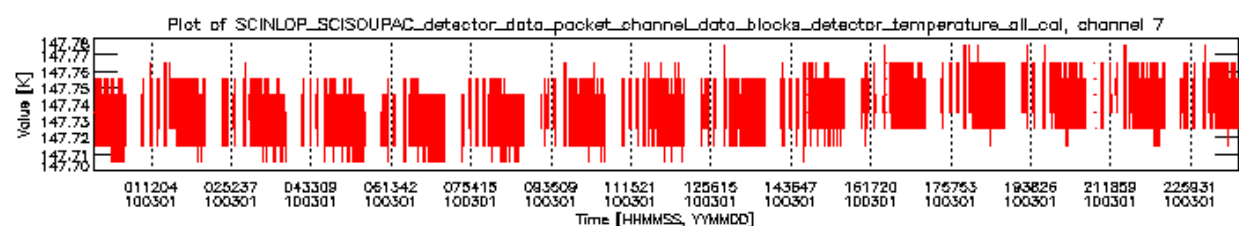
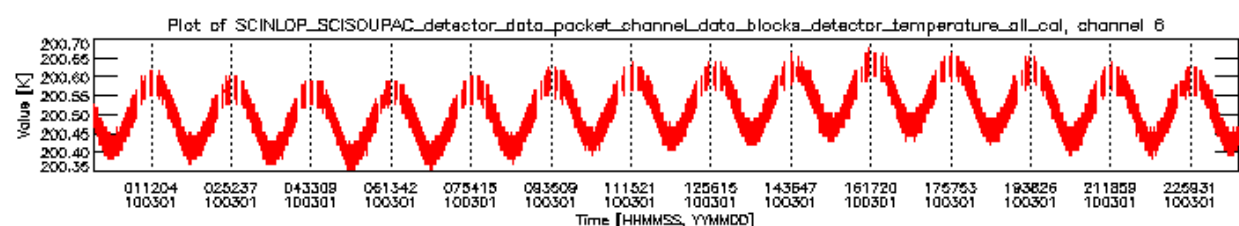
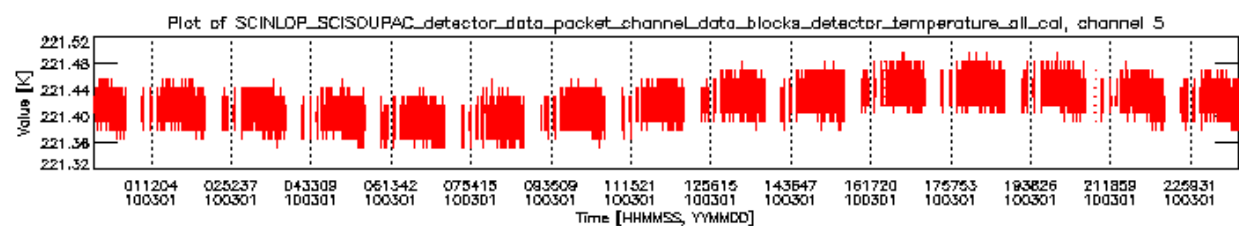
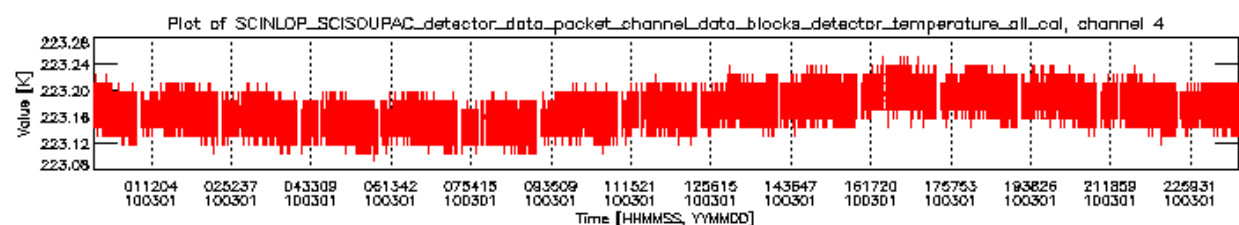
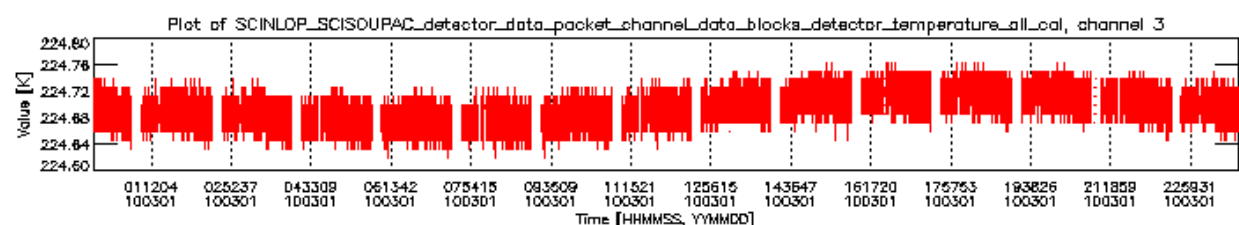
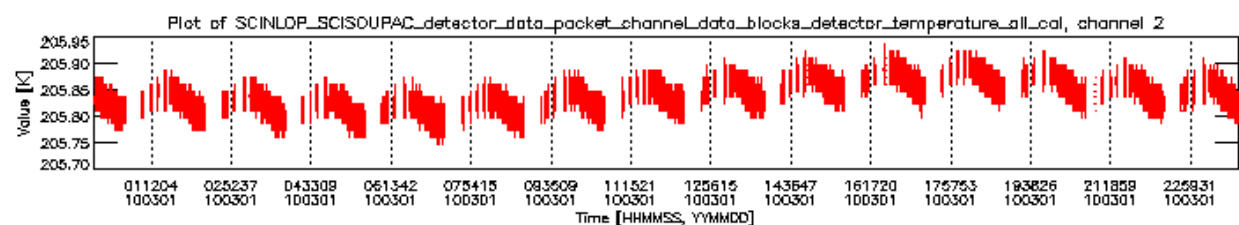
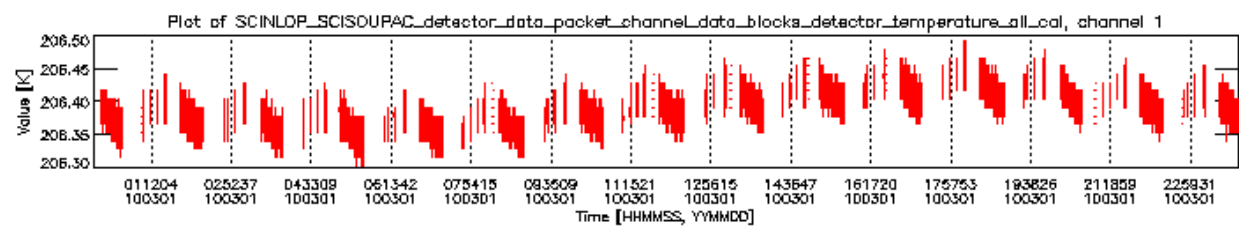












Bar plot of planned DMOP activities and new calibration data for SCIAMACHY.
 Each row indicates an orbit. A light gray colour indicates the time span of 01MAR2010.
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