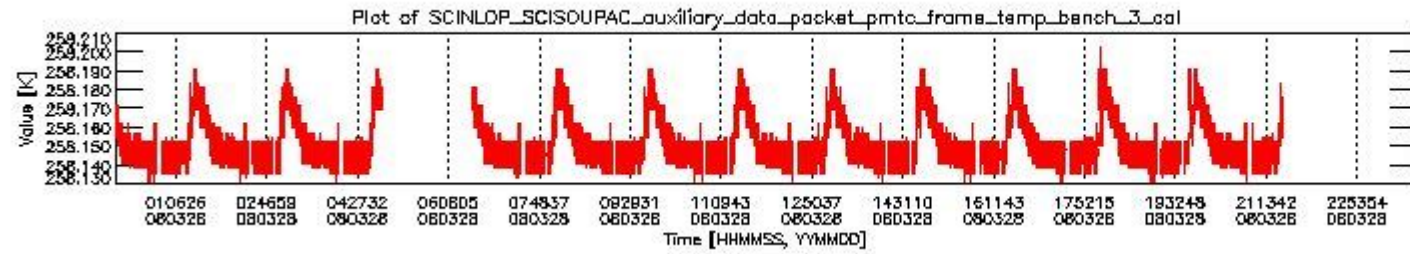
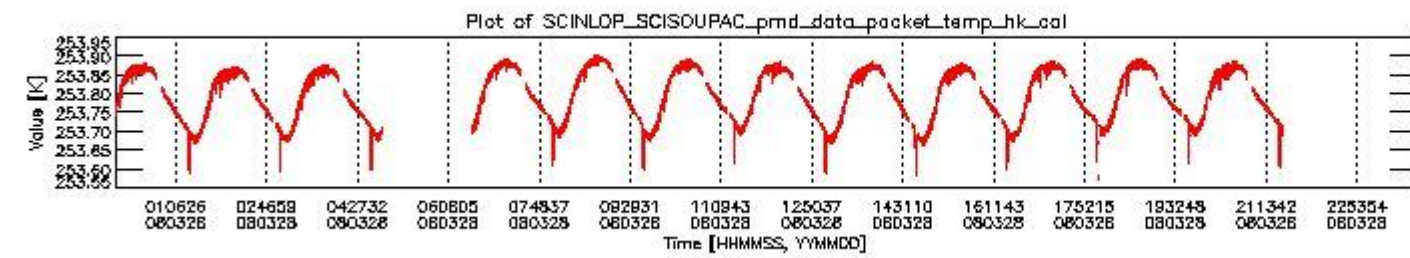


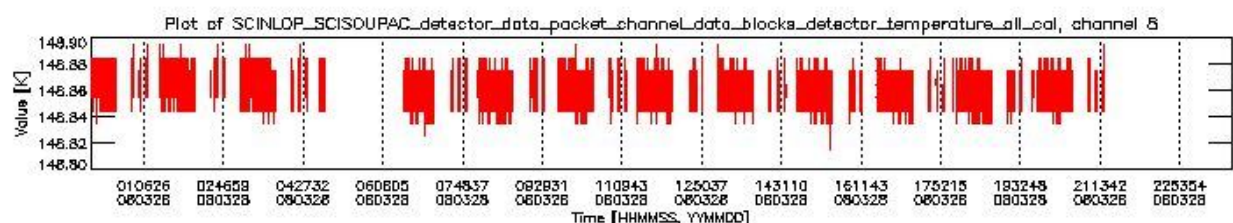
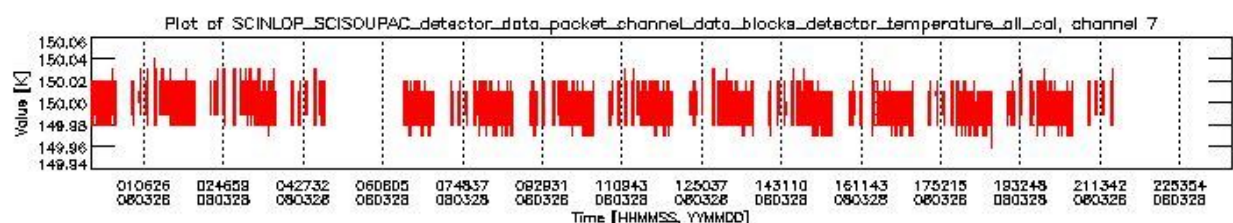
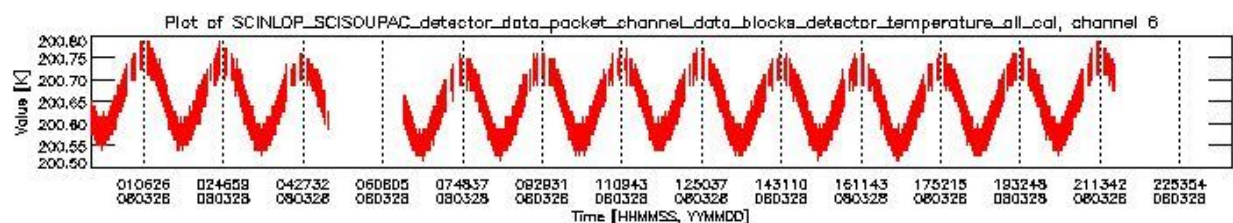
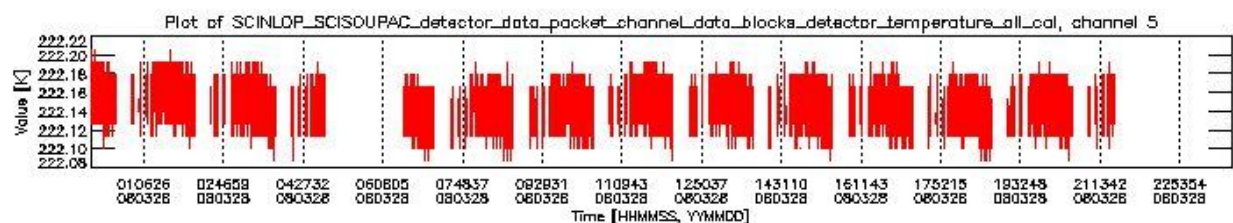
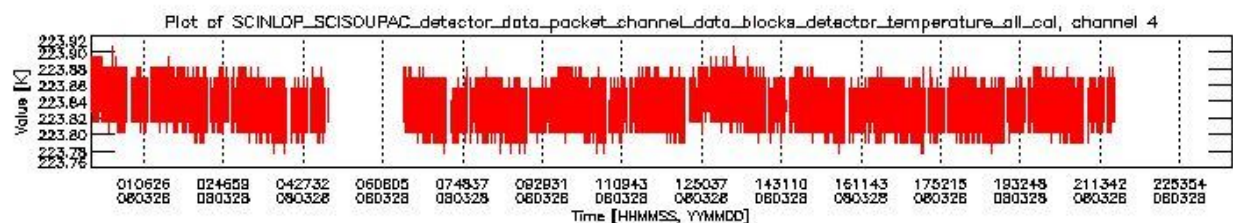
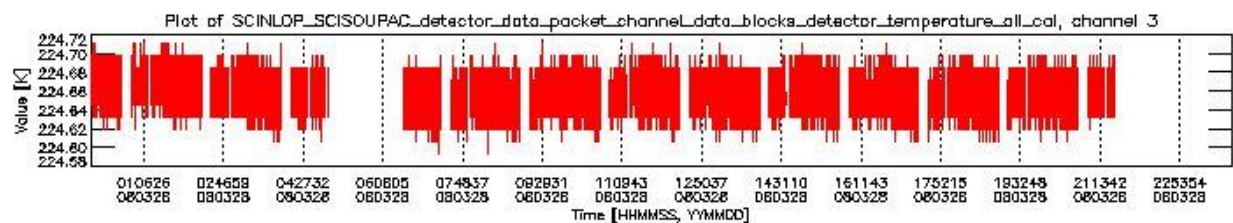
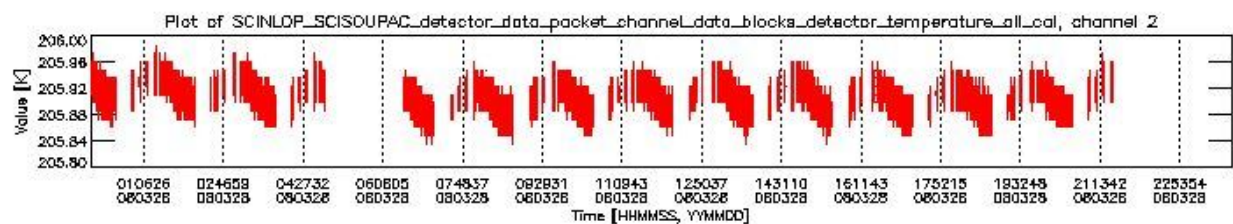
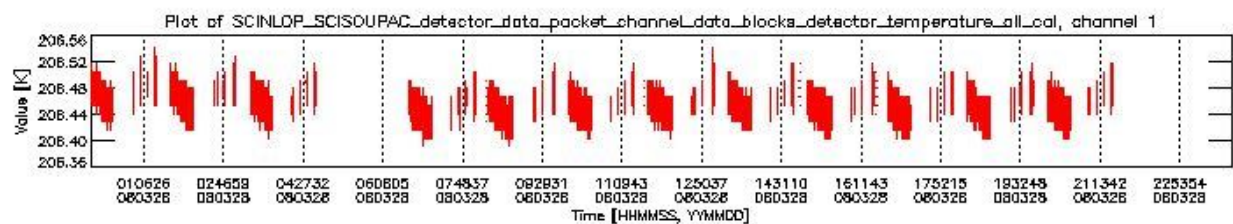
sciamachy_daily_report_level0_KSPT_L0_4303_N_20080328_1.PNG



sciamachy_daily_report_level0_KSPT_L0_4303_N_20080328_2.PNG



sciamachy_daily_report_level0_KSPT_L0_4303_N_20080328_3.PNG

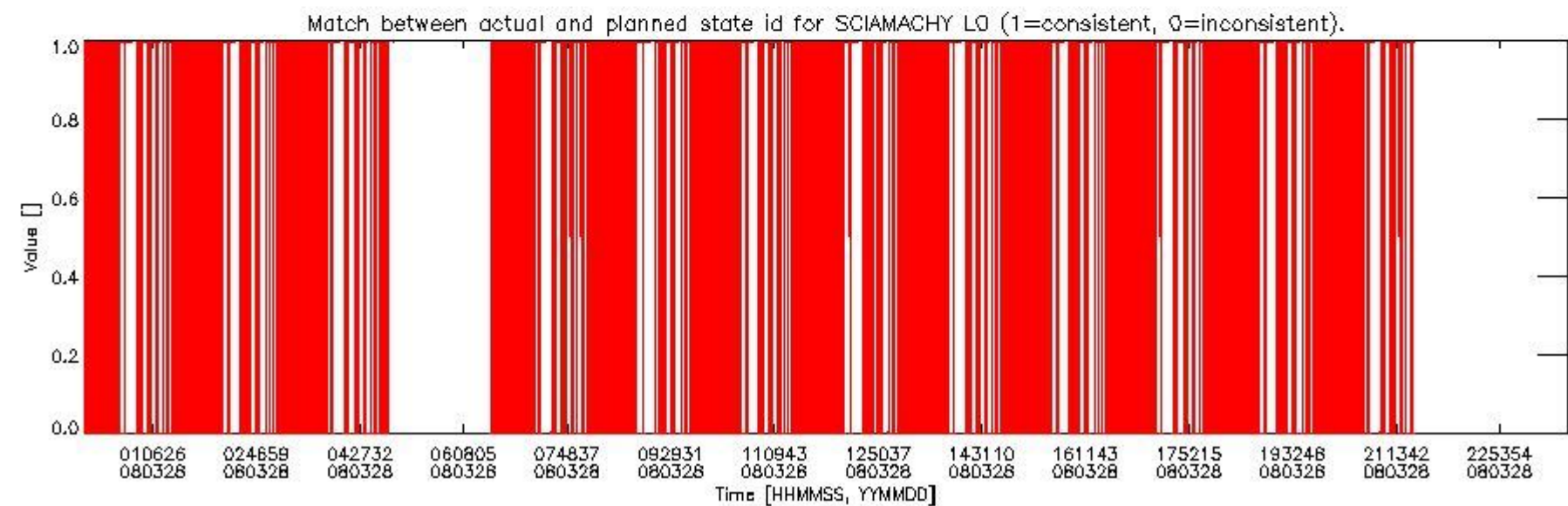
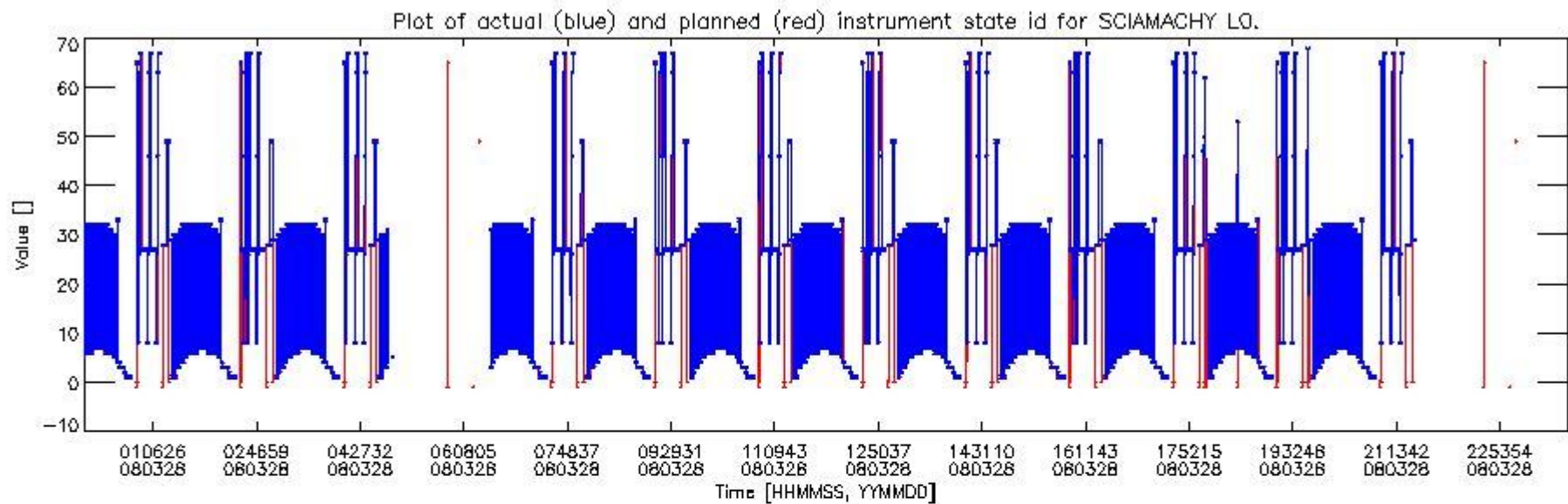


0.3 State monitoring

The following section shows a comparison of modelled instrument state (as calculated by the DMOP planning files and using CTI tables to derive state) and the measured state variables from the L0 product (the SCINL0P_SCISOUPAC_state_id variable).

Total number of faults: **24724**

| # | Actual time | Actual value | Planned time | Planned value |
|----|---------------------------|--------------|---------------------------|---------------|
| 0 | 28MAR2008 00:00:46.075389 | 32 | 28MAR2008 00:00:46.075389 | 6 |
| 1 | 28MAR2008 00:00:46.700370 | 32 | 28MAR2008 00:00:46.700370 | 6 |
| 2 | 28MAR2008 00:00:47.075383 | 32 | 28MAR2008 00:00:47.075383 | 6 |
| 3 | 28MAR2008 00:00:47.450396 | 32 | 28MAR2008 00:00:47.450396 | 6 |
| 4 | 28MAR2008 00:00:48.012896 | 32 | 28MAR2008 00:00:48.012896 | 6 |
| 5 | 28MAR2008 00:00:48.387869 | 32 | 28MAR2008 00:00:48.387869 | 6 |
| 6 | 28MAR2008 00:00:48.762882 | 32 | 28MAR2008 00:00:48.762882 | 6 |
| 7 | 28MAR2008 00:00:49.137895 | 32 | 28MAR2008 00:00:49.137895 | 6 |
| 8 | 28MAR2008 00:00:49.700394 | 32 | 28MAR2008 00:00:49.700394 | 6 |
| 9 | 28MAR2008 00:00:50.075367 | 32 | 28MAR2008 00:00:50.075367 | 6 |
| 10 | 28MAR2008 00:00:50.450380 | 32 | 28MAR2008 00:00:50.450380 | 6 |
| 11 | 28MAR2008 00:00:50.825393 | 32 | 28MAR2008 00:00:50.825393 | 6 |
| 12 | 28MAR2008 00:00:51.075362 | 32 | 28MAR2008 00:00:51.075362 | 6 |
| 13 | 28MAR2008 00:00:51.387893 | 32 | 28MAR2008 00:00:51.387893 | 6 |
| 14 | 28MAR2008 00:00:51.762865 | 32 | 28MAR2008 00:00:51.762865 | 6 |
| 15 | 28MAR2008 00:00:52.137879 | 32 | 28MAR2008 00:00:52.137879 | 6 |
| 16 | 28MAR2008 00:00:52.512892 | 32 | 28MAR2008 00:00:52.512892 | 6 |
| 17 | 28MAR2008 00:00:53.075391 | 32 | 28MAR2008 00:00:53.075391 | 6 |
| 18 | 28MAR2008 00:01:41.946500 | 6 | 28MAR2008 00:01:41.946500 | 32 |
| 19 | 28MAR2008 00:01:42.321473 | 6 | 28MAR2008 00:01:42.321473 | 32 |
| | ... | ... | ... | ... |

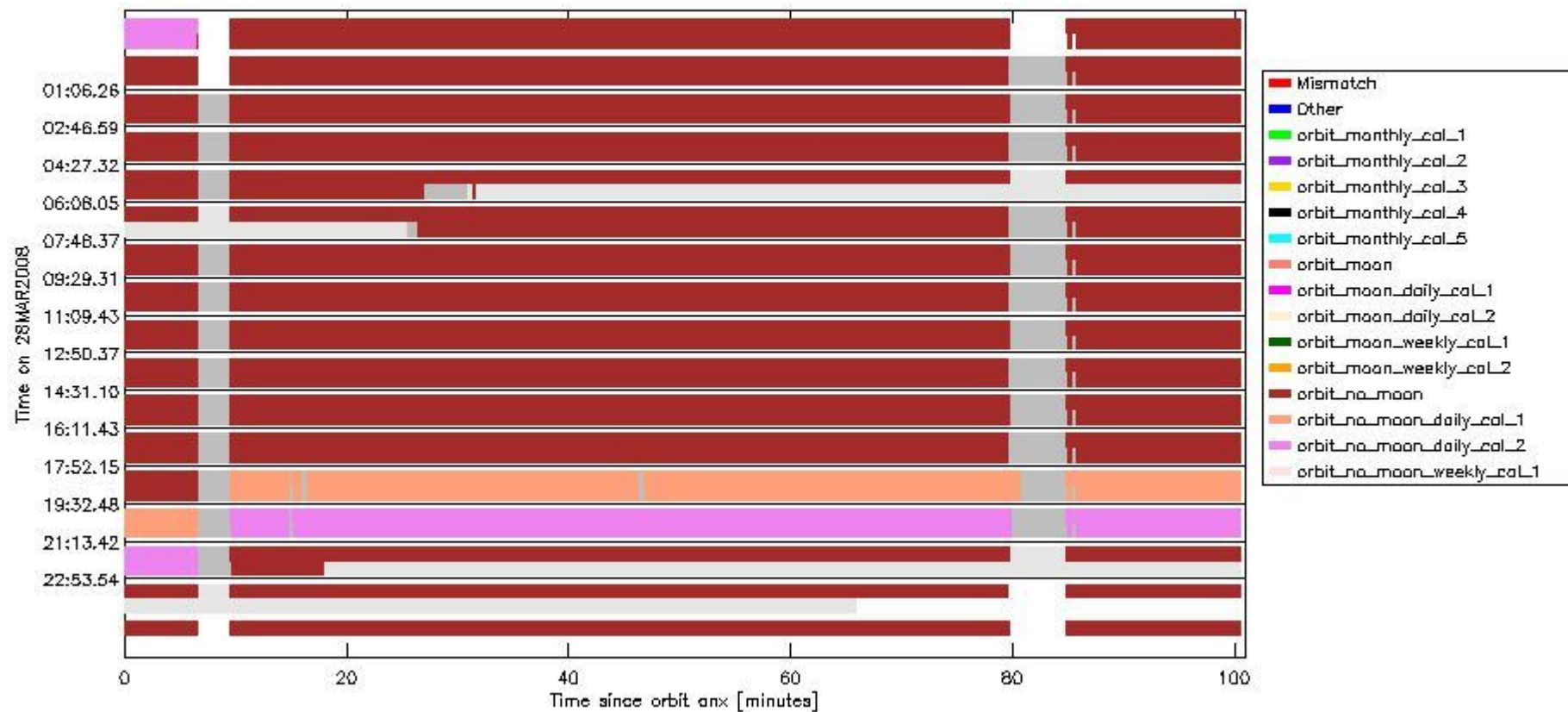


sciamachy_daily_report_level0_KSPT_L0_4303_N_20080328_5.PNG

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.

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 28MAR2008.
 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.



sciamachy_daily_report_level0_KSPT_L0_4303_N_20080328_6.PNG

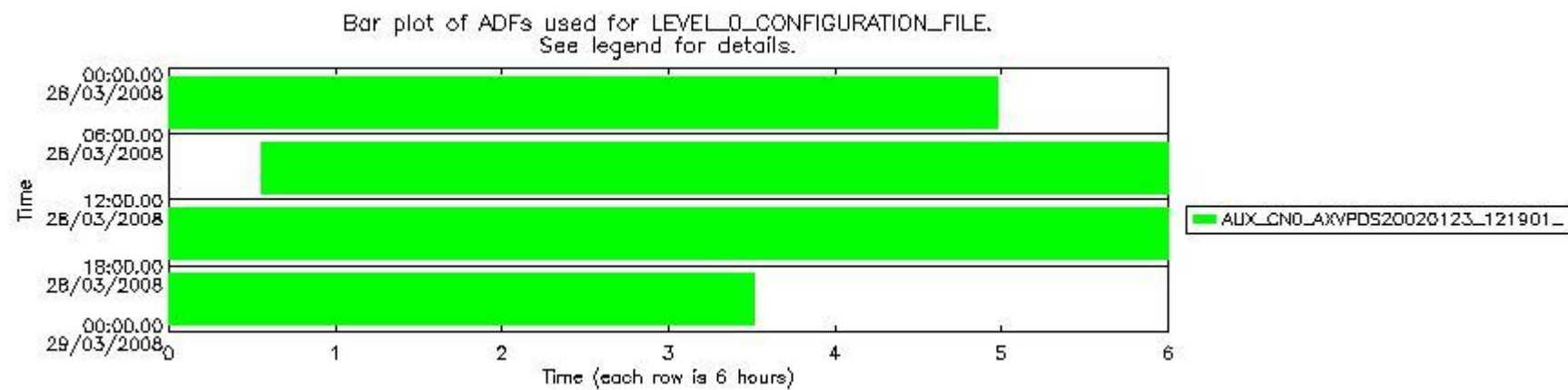
0.4 ADF monitoring

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

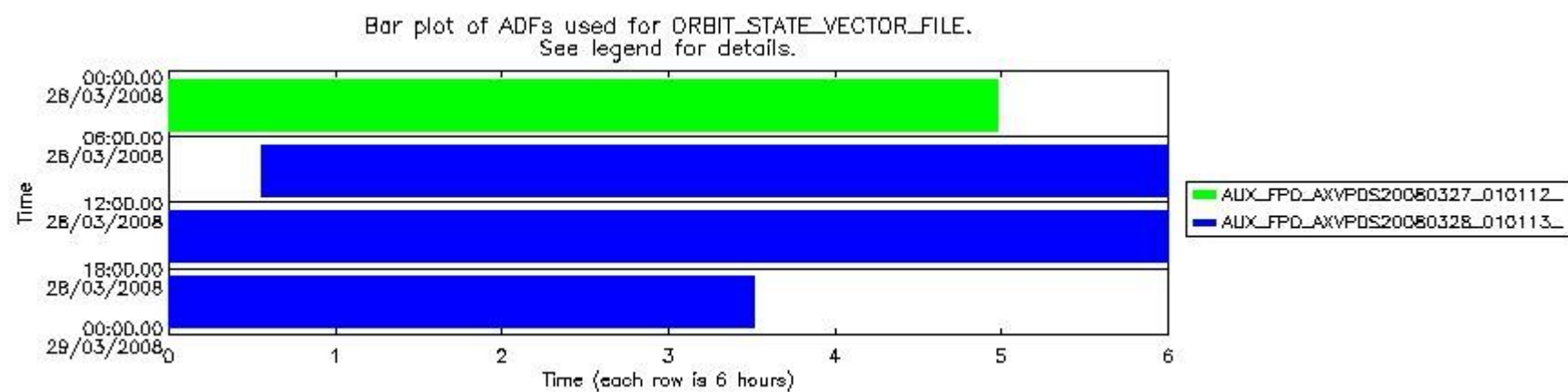
- A table showing which ADFs were used for processing (red values indicate that multiple ADFs of the same type were used)
- Various time line plots, one for each ADF, which show when which ADF was used.

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

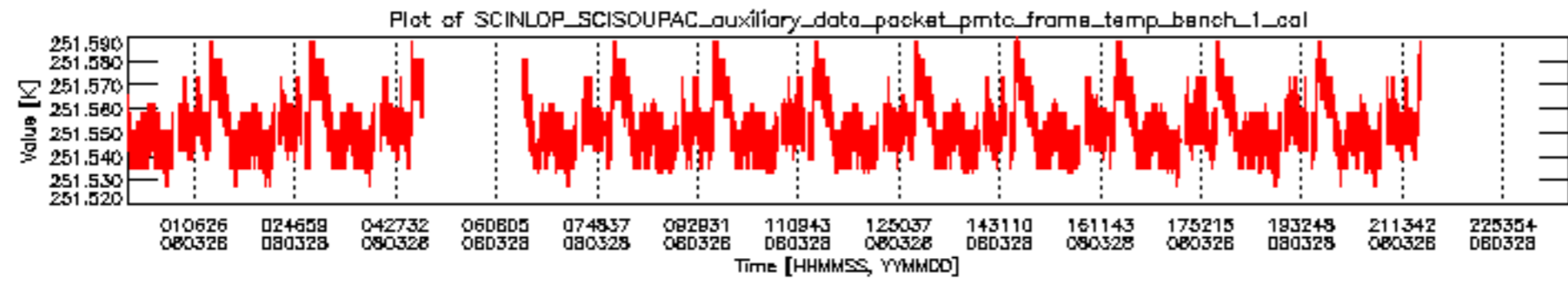
| Number | ADF |
|--------|--|
| | CN0 (LEVEL_0_CONFIGURATION_FILE) |
| 0 | AUX_CN0_AXVPDS20020123_121901_20020101_000000_20200101_000000 |
| | FPO (ORBIT_STATE_VECTOR_FILE) |
| 1 | AUX_FPO_AXVPDS20080327_010112_20080326_185534_20080405_202147 |
| 2 | AUX_FPO_AXVPDS20080328_010113_20080327_182357_20080406_213045 |

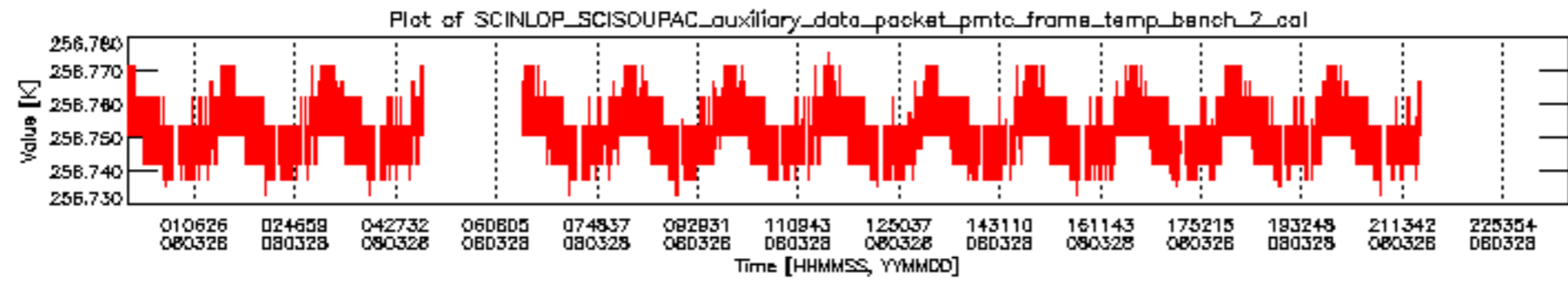


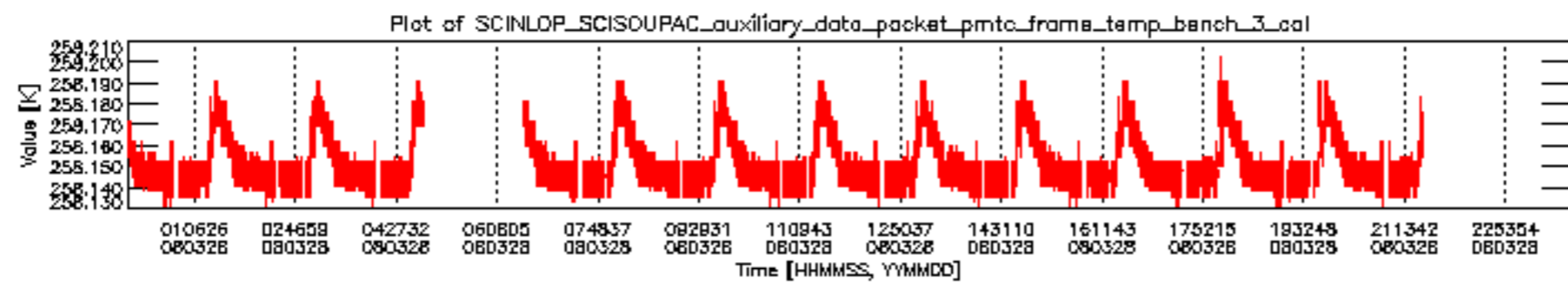
sciamachy_daily_report_level0_KSPT_L0_4303_N_20080328_7.PNG

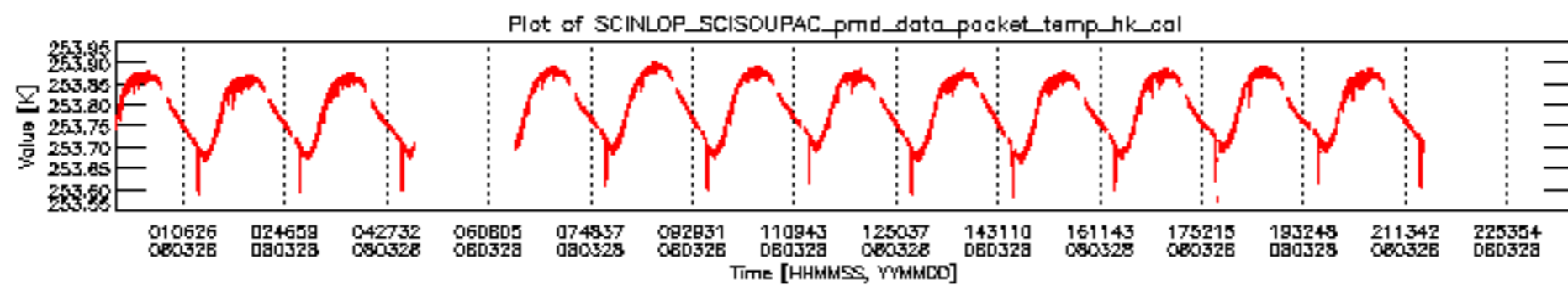


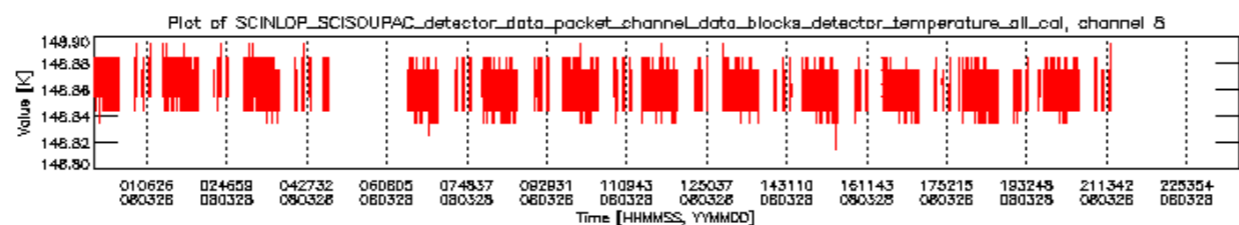
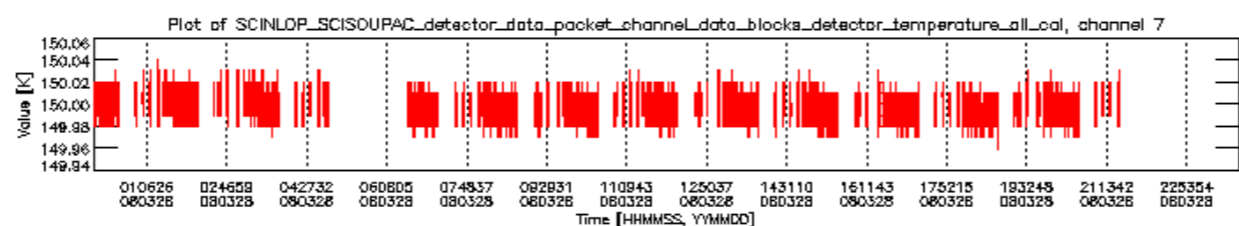
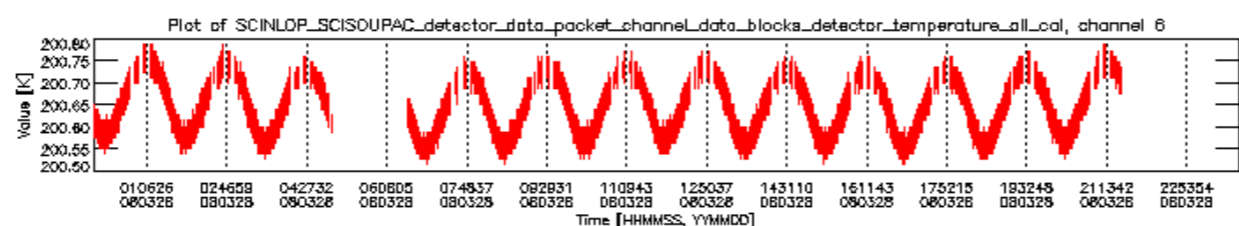
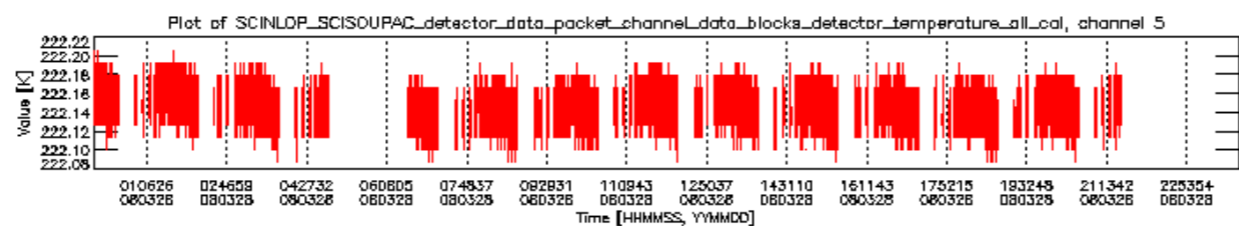
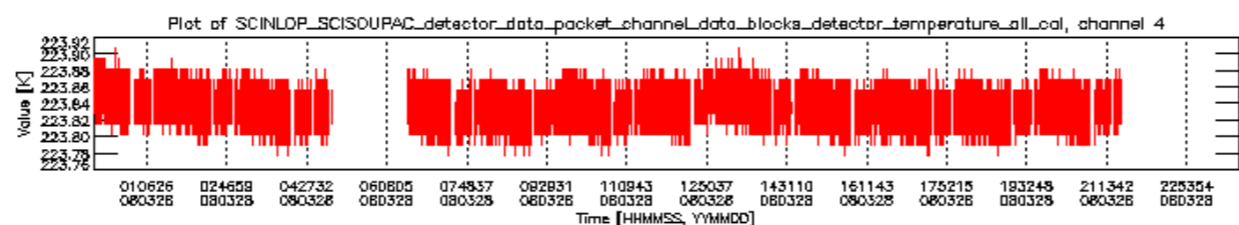
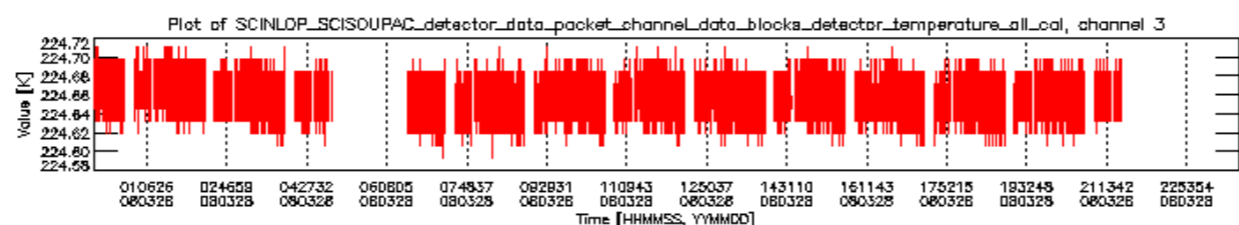
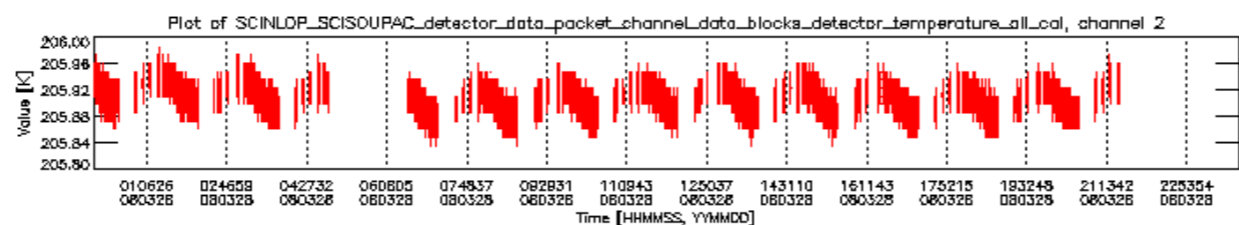
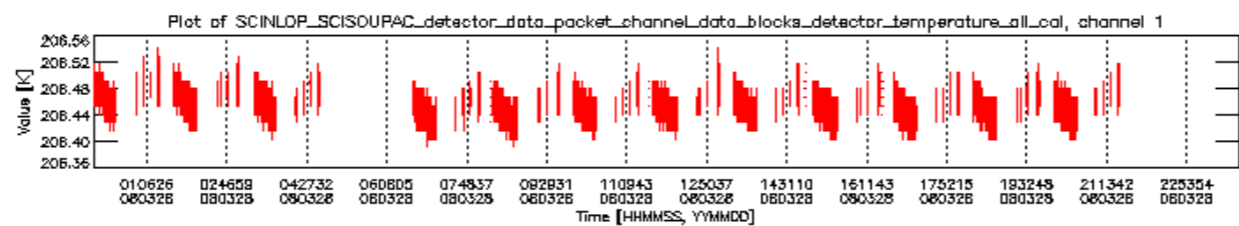
sciamachy_daily_report_level0_KSPT_L0_4303_N_20080328_8.PNG

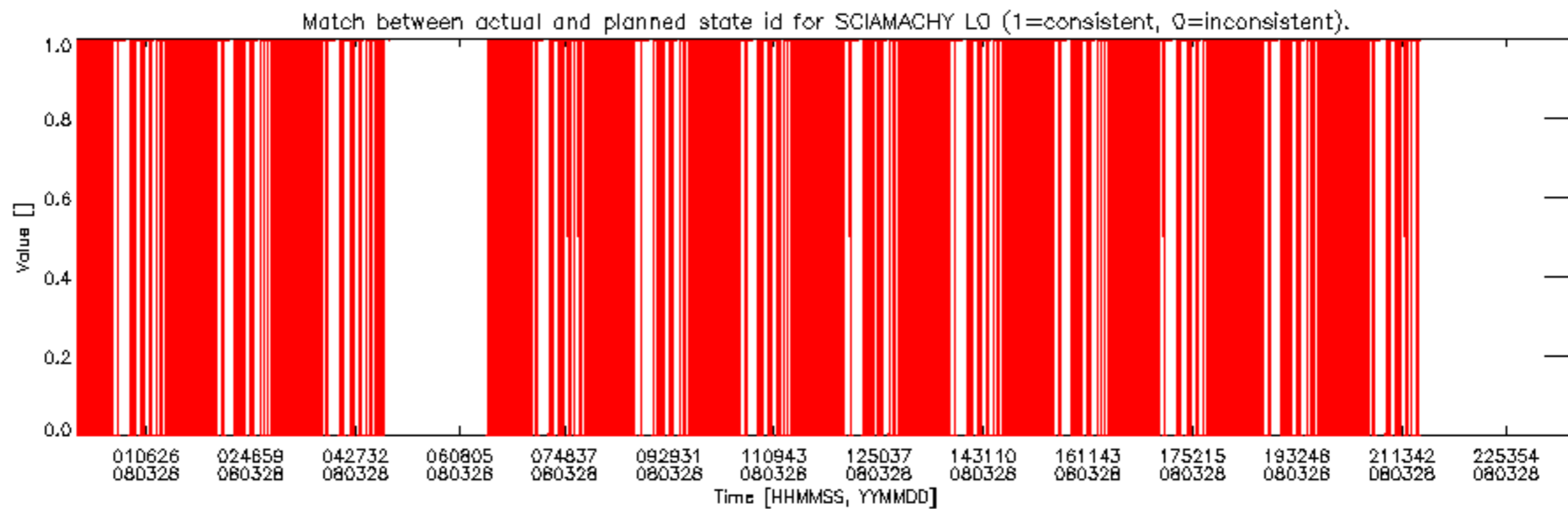
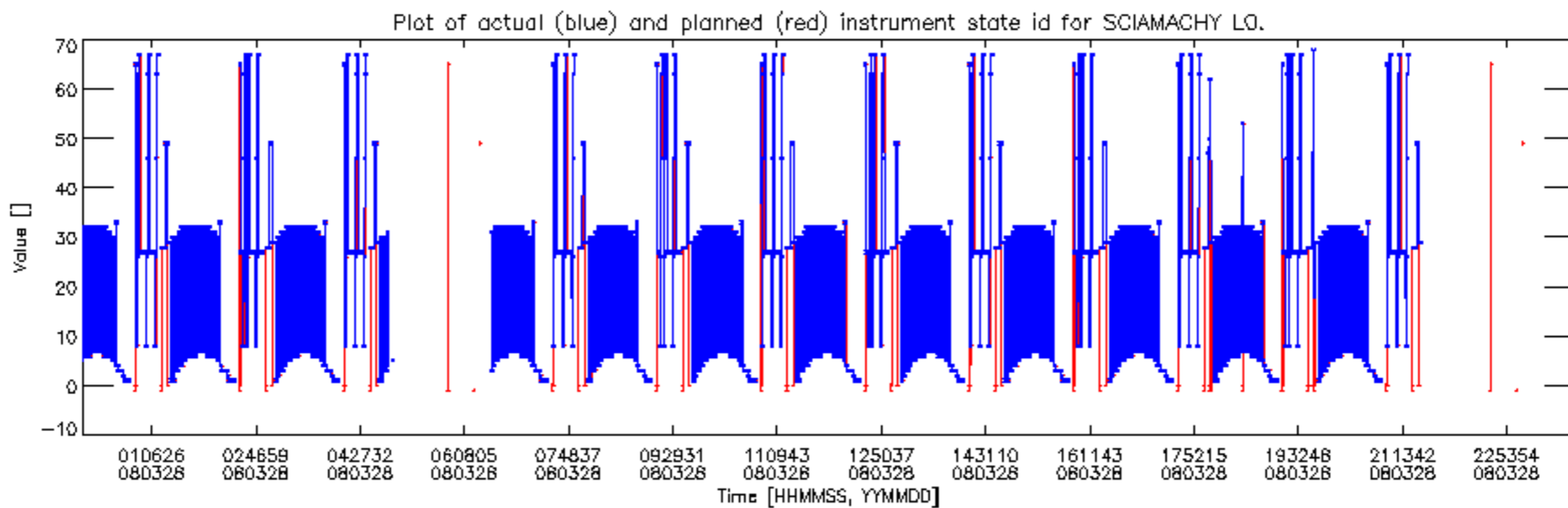












Bar plot of planned DMOP activities and new calibration data for SCIAMACHY.
 Each row indicates an orbit. A light gray colour indicates the time span of 28MAR2008.
 A medium gray color indicates the time span of available SCI_NL_1P products for this day.
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 Planned activities are shown on the top half of each row, special measurements on the bottom half.

