

## 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                           | vdraft_20050403                          |
| Time of report generation                | 20OCT2005 02:35:02                       |
| Data source version                      | PFHS/5.34-N                              |
| Processing scope for products            | 16OCT2005 00:00:00 to 17OCT2005 00:00:00 |
| Start time of first product within scope | 15OCT2005 23:11:11                       |
| Stop time of last product within scope   | 17OCT2005 00:13:37                       |
| Total number of level 0 products         | 14                                       |
| Number of level 0 products with errors   | 14                                       |

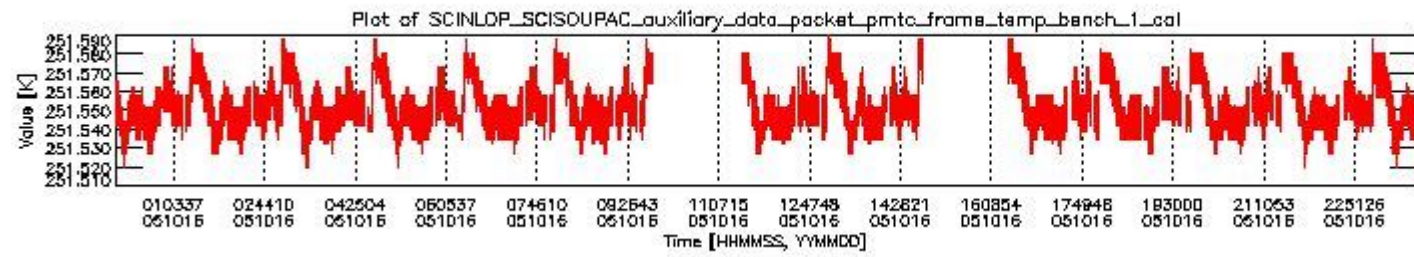
### 0.1.2 Summary per product

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

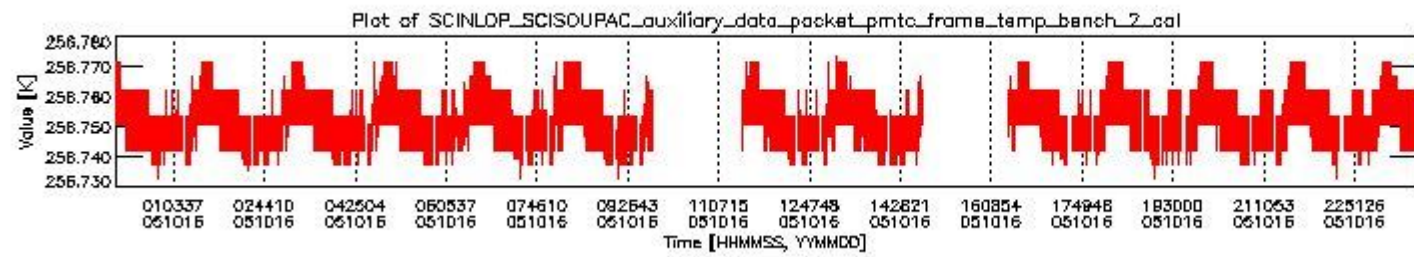
| #  | Product name   | Start time         | Stop time          | Prod err | ISP err sign | ISP miss sign | ISP disc sign | rs sign |
|----|--|--------------------|--------------------|----------|--------------|---------------|---------------|---------|
| 0  | SCI_NL__OPNPDE20051015_231111_000060362041_00373_18964_0691.N1 | 15OCT2005 23:11:11 | 16OCT2005 00:51:47 | 1        | 0            | 1             | 0             | 0       |
| 1  | SCI_NL__OPNPDE20051016_005147_000042432041_00374_18965_0692.N1 | 16OCT2005 00:51:47 | 16OCT2005 02:02:31 | 1        | 0            | 1             | 0             | 0       |
| 2  | SCI_NL__OPNPDE20051016_020135_000062162041_00375_18966_0693.N1 | 16OCT2005 02:01:35 | 16OCT2005 03:45:12 | 1        | 0            | 1             | 0             | 0       |
| 3  | SCI_NL__OPNPDE20051016_034416_000060922041_00376_18967_0694.N1 | 16OCT2005 03:44:16 | 16OCT2005 05:25:48 | 1        | 0            | 1             | 0             | 0       |
| 4  | SCI_NL__OPNPDE20051016_052452_000059802041_00377_18968_0695.N1 | 16OCT2005 05:24:52 | 16OCT2005 07:04:33 | 1        | 0            | 1             | 0             | 0       |
| 5  | SCI_NL__OPNPDK20051016_070433_000041572041_00378_18969_0828.N1 | 16OCT2005 07:04:33 | 16OCT2005 08:13:50 | 1        | 0            | 1             | 0             | 0       |
| 6  | SCI_NL__OPNPDK20051016_081254_000061042041_00379_18970_0829.N1 | 16OCT2005 08:12:54 | 16OCT2005 09:54:39 | 1        | 0            | 1             | 0             | 0       |
| 7  | SCI_NL__OPNPDK20051016_113203_000060362041_00381_18972_0831.N1 | 16OCT2005 11:32:03 | 16OCT2005 13:12:39 | 1        | 0            | 1             | 0             | 0       |
| 8  | SCI_NL__OPNPDK20051016_131143_000059672041_00382_18973_0832.N1 | 16OCT2005 13:11:43 | 16OCT2005 14:51:11 | 1        | 0            | 1             | 0             | 0       |
| 9  | SCI_NL__OPNPDK20051016_162642_000059792041_00384_18975_0834.N1 | 16OCT2005 16:26:42 | 16OCT2005 18:06:21 | 1        | 0            | 1             | 0             | 0       |
| 10 | SCI_NL__OPNPDK20051016_180526_000060922041_00385_18976_0835.N1 | 16OCT2005 18:05:26 | 16OCT2005 19:46:58 | 1        | 0            | 1             | 0             | 0       |
| 11 | SCI_NL__OPNPDE20051016_194755_000039012041_00386_18977_0696.N1 | 16OCT2005 19:47:55 | 16OCT2005 20:52:57 | 1        | 0            | 1             | 0             | 0       |
| 12 | SCI_NL__OPNPDE20051016_205133_000064872041_00386_18977_0697.N1 | 16OCT2005 20:51:33 | 16OCT2005 22:39:40 | 1        | 0            | 1             | 0             | 0       |
| 13 | SCI_NL__OPNPDE20051016_223940_000056362041_00387_18978_0698.N1 | 16OCT2005 22:39:40 | 17OCT2005 00:13:37 | 1        | 0            | 1             | 0             | 0       |

## 0.2 Product Quality Indicators

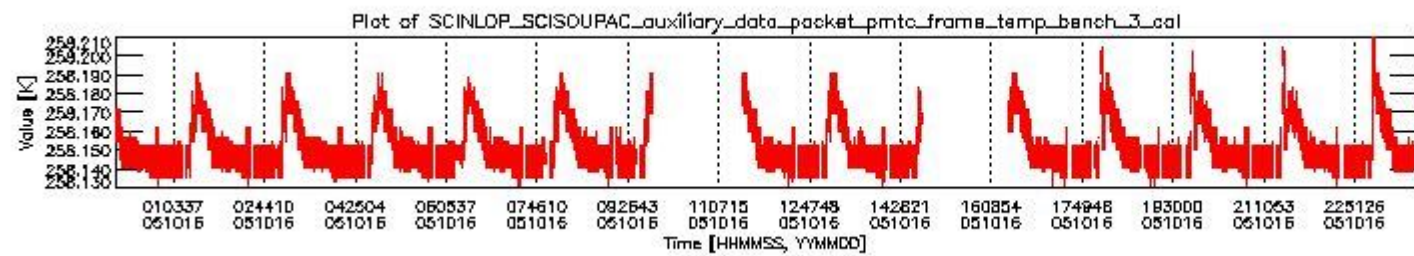
This section shows information about product quality, currently temperatures.



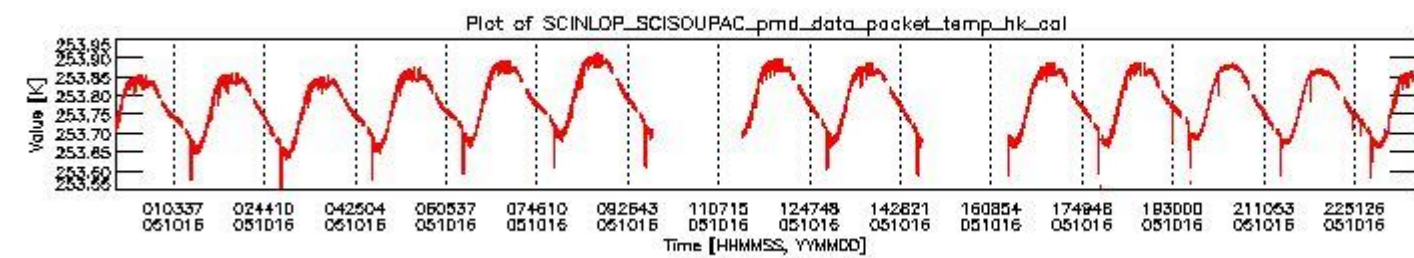
sciamachy\_daily\_report\_level0\_PFHS\_5\_34\_N\_20051016\_0.PNG



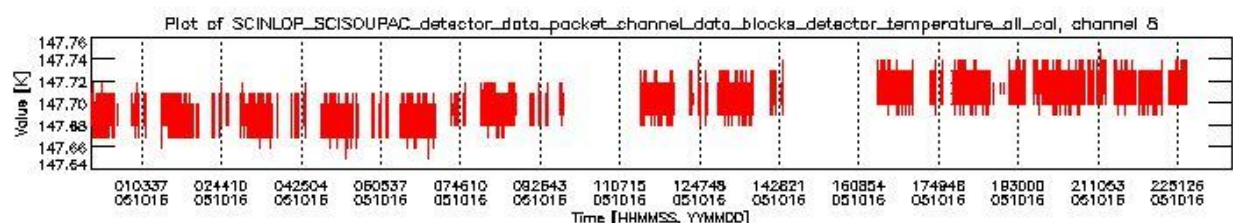
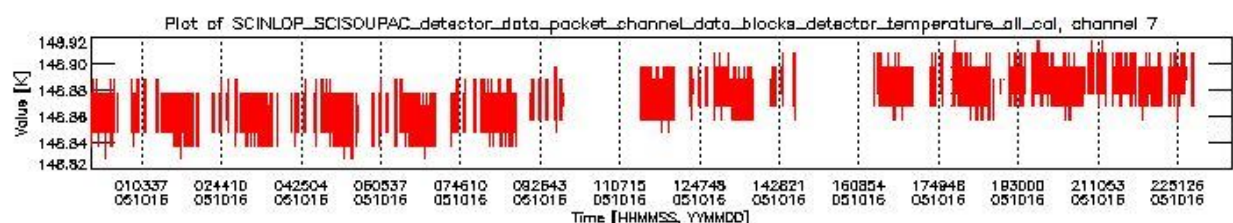
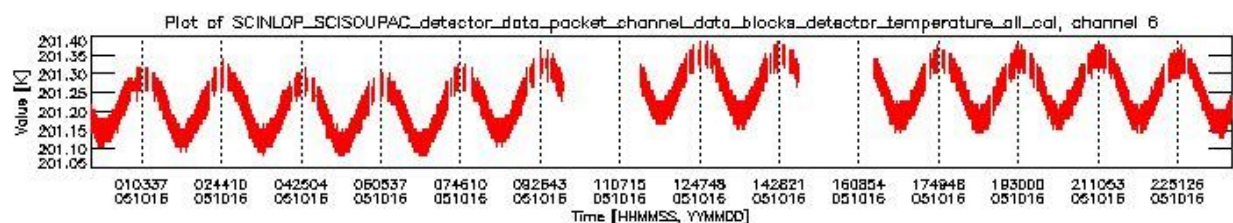
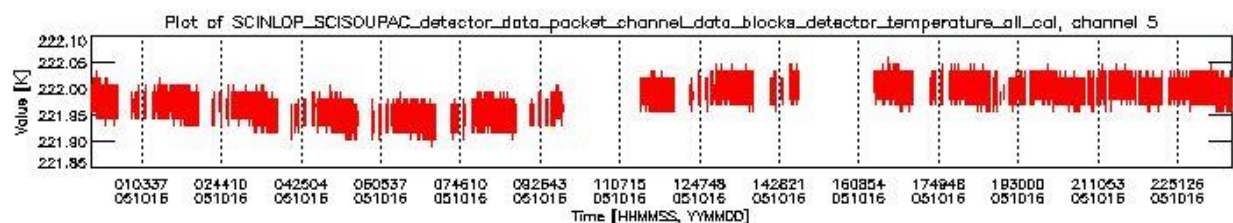
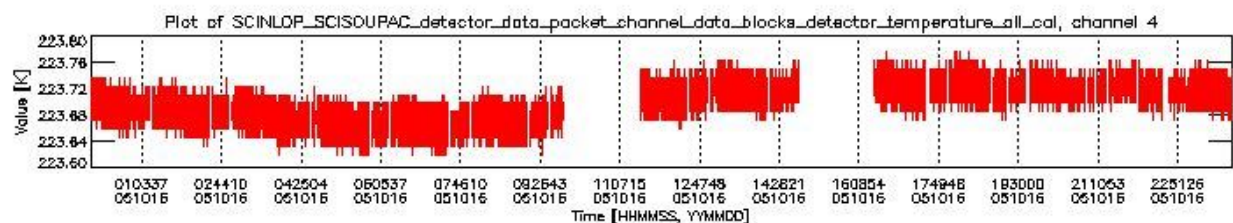
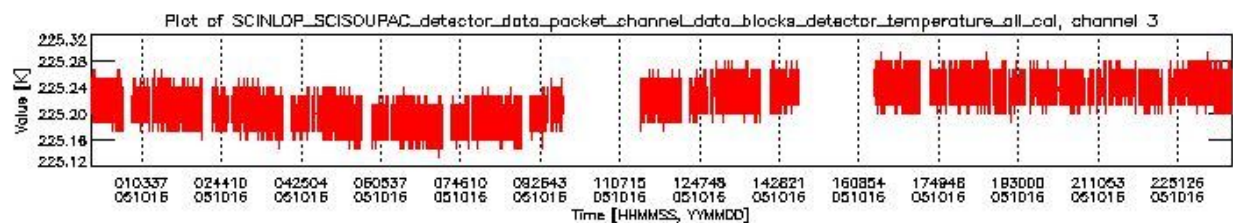
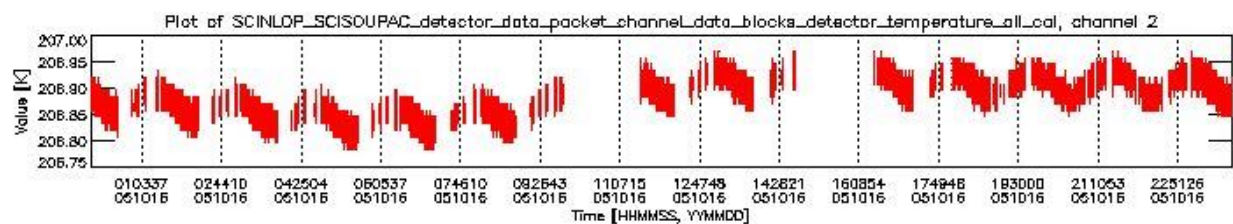
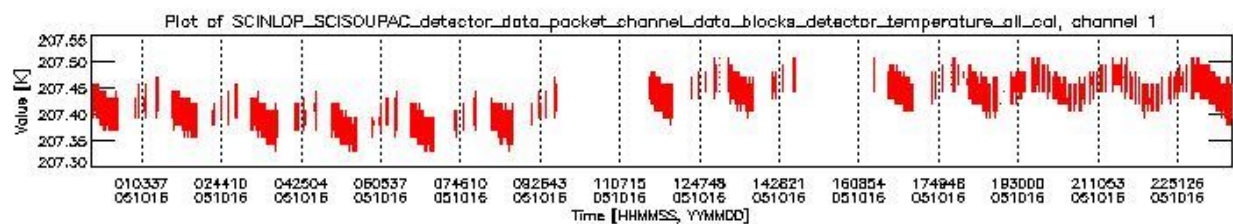
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sciamachy\_daily\_report\_level0\_PFHS\_5\_34\_N\_20051016\_2.PNG



sciamachy\_daily\_report\_level0\_PFHS\_5\_34\_N\_20051016\_3.PNG



### 0.3 State monitoring

No instrument tracking information available.

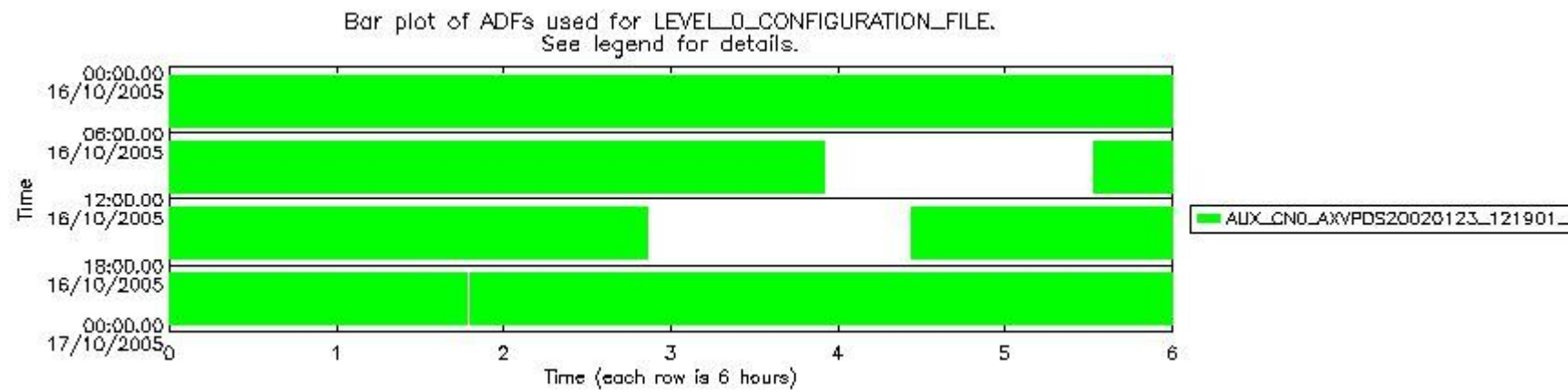
### 0.4 ADF monitoring

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

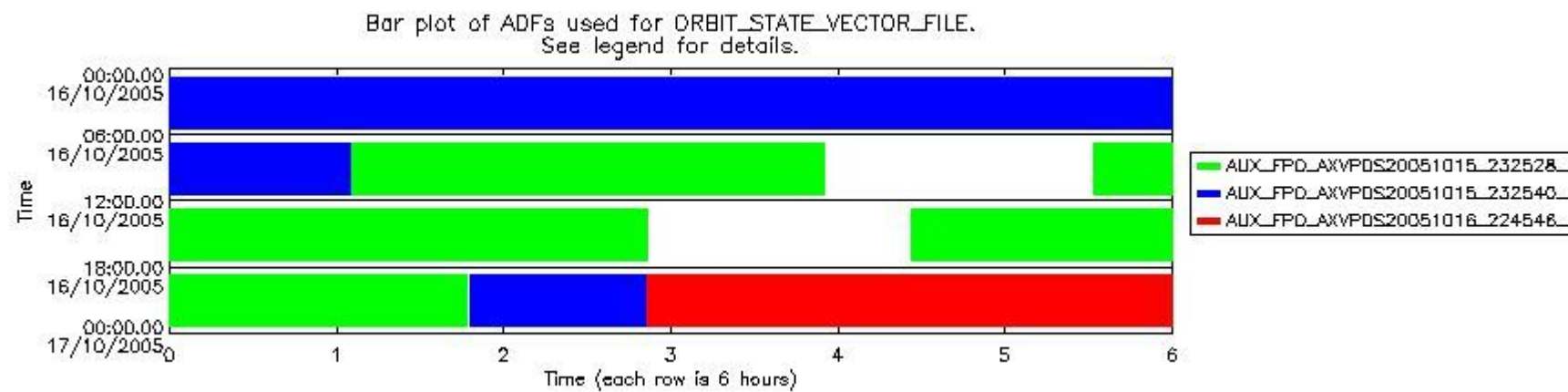
- A table showing which ADFs were used for processing (red values indicate that multiple ADFs of the same type were used)
- Various time line plots, one for each ADF, which show when which ADF was used.

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

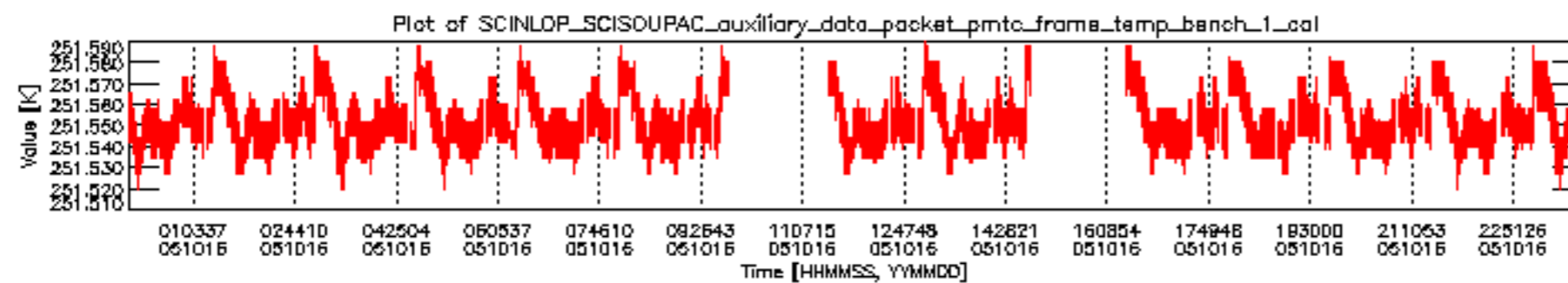
| Number | ADF   |
|--------|---|
|        | <b>CNO (LEVEL_0_CONFIGURATION_FILE)</b>                       |
| 0      | AUX_CNO_AXVPDS20020123_121901_20020101_000000_20200101_000000 |
|        | <b>FPO (ORBIT_STATE_VECTOR_FILE)</b>                          |
| 1      | AUX_FPO_AXVPDS20051015_232528_20051015_182115_20051025_212806 |
| 2      | AUX_FPO_AXVPDS20051015_232540_20051015_182115_20051025_212806 |
| 3      | AUX_FPO_AXVPDS20051016_224546_20051016_193014_20051026_205629 |

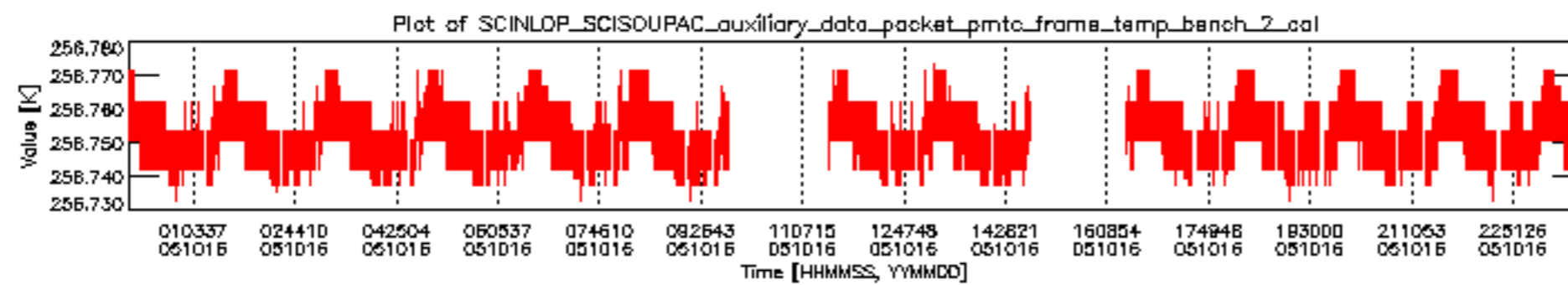


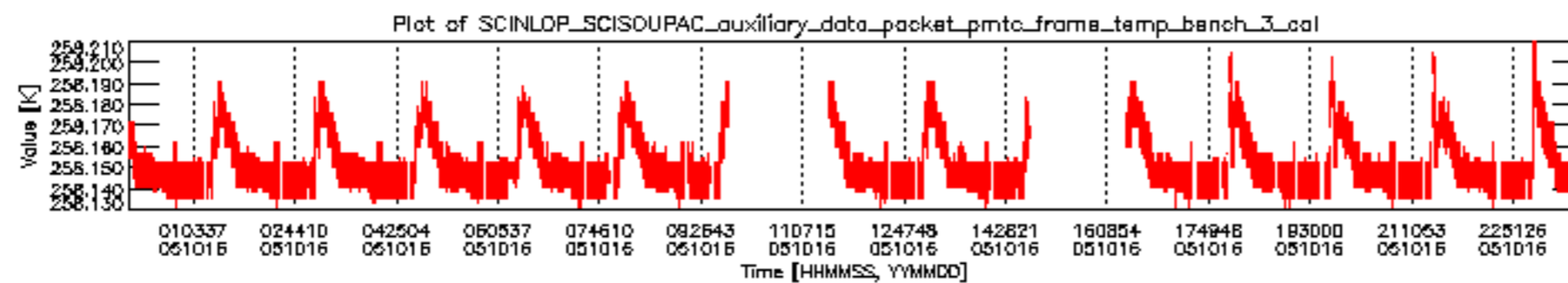
sciamachy\_daily\_report\_level0\_PFHS\_5\_34\_N\_20051016\_5.PNG

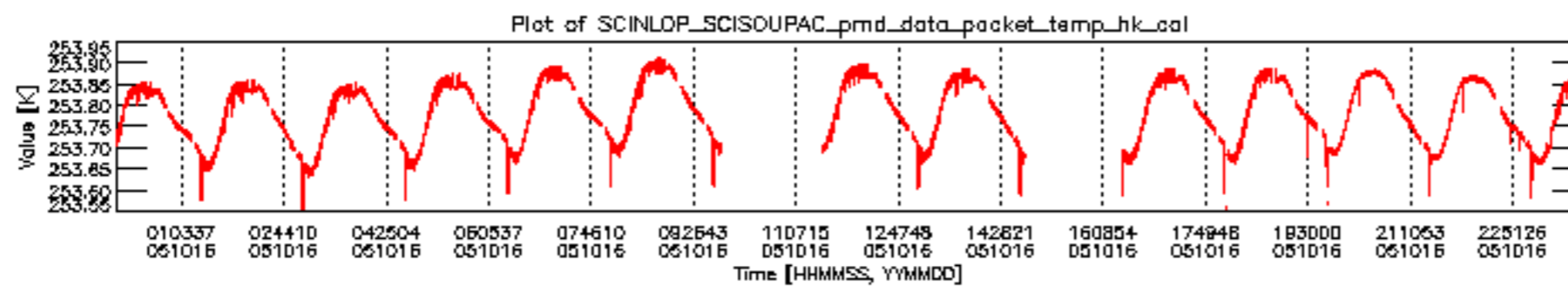


sciamachy\_daily\_report\_level0\_PFHS\_5\_34\_N\_20051016\_6.PNG

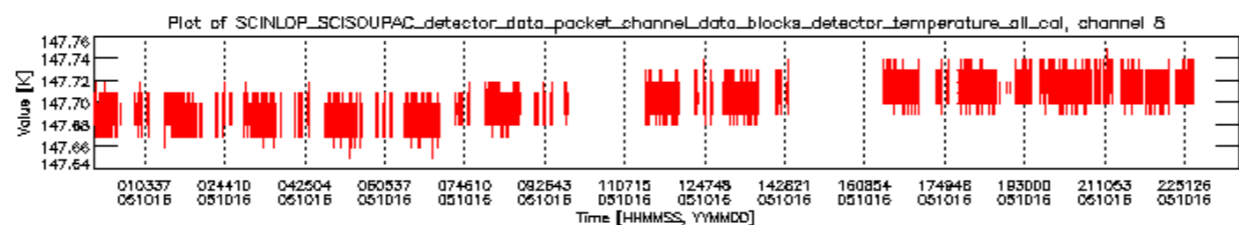
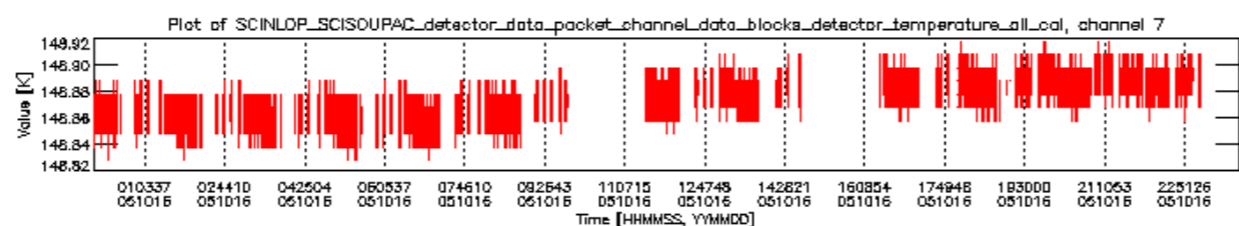
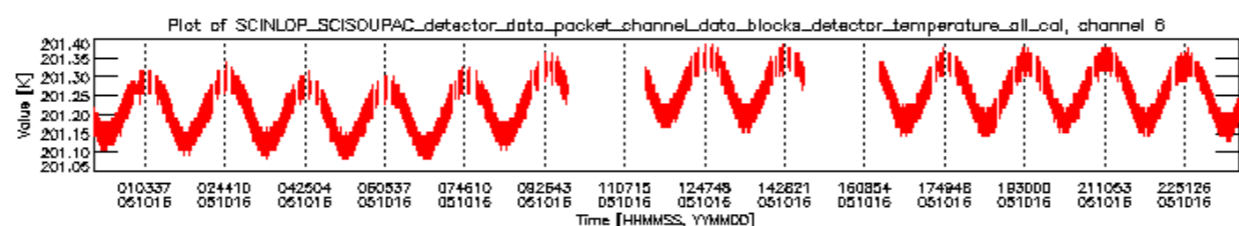
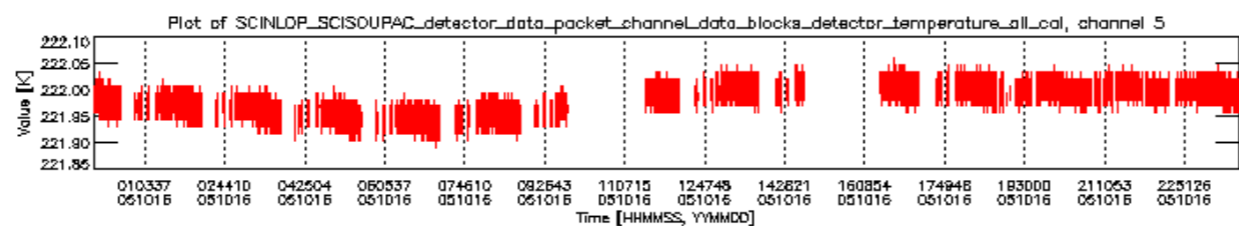
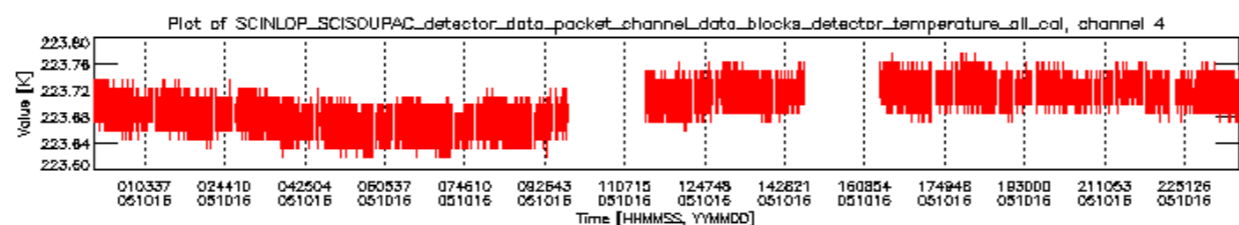
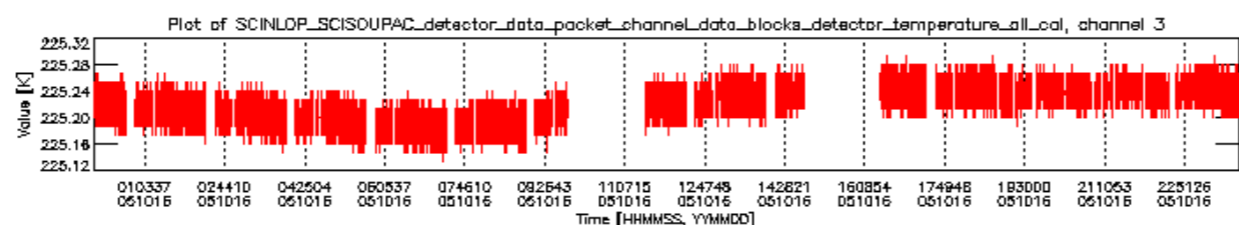
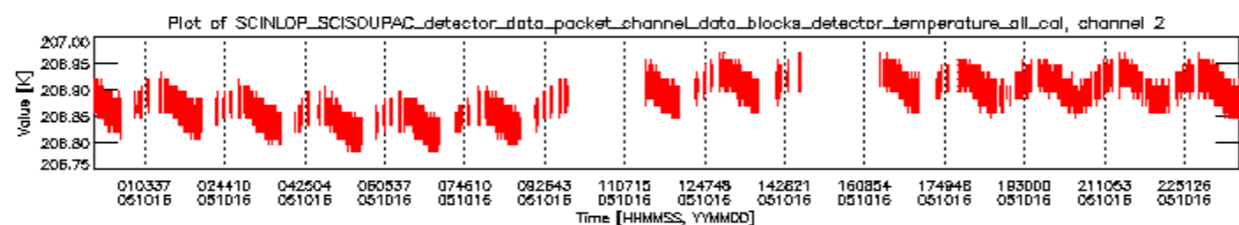
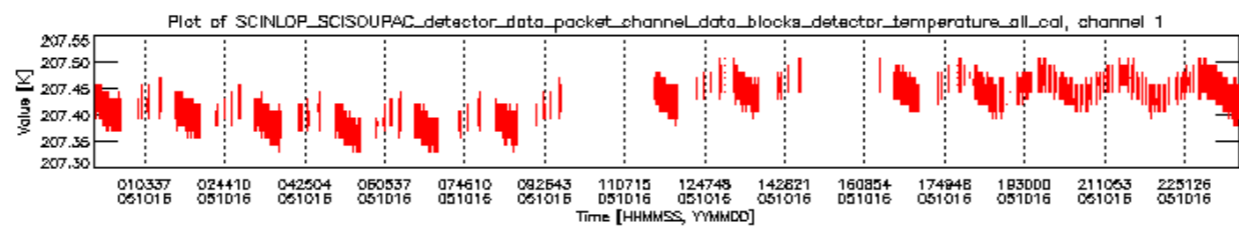


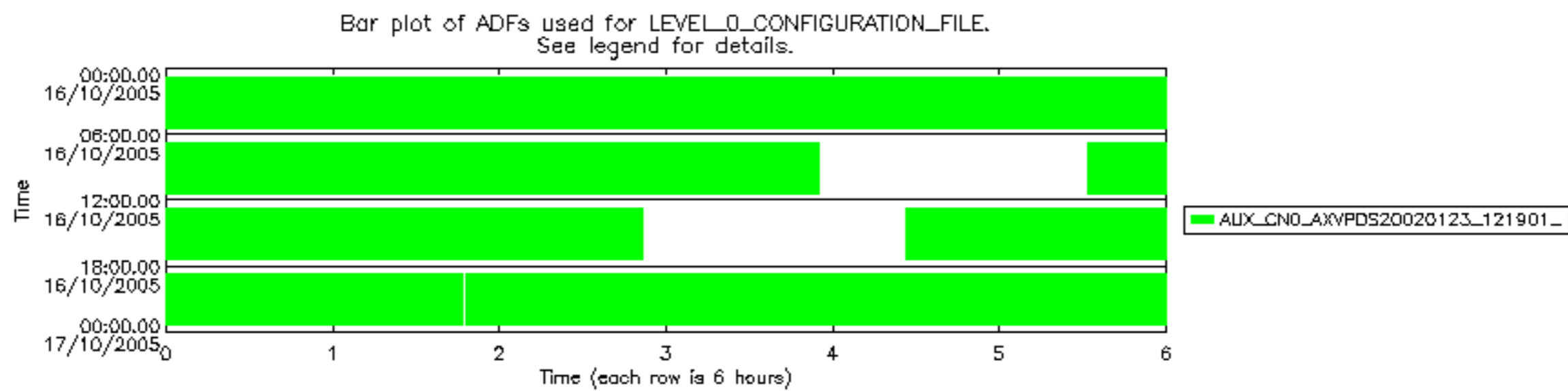












Bar plot of ADFs used for ORBIT\_STATE\_VECTOR\_FILE.  
See legend for details.

