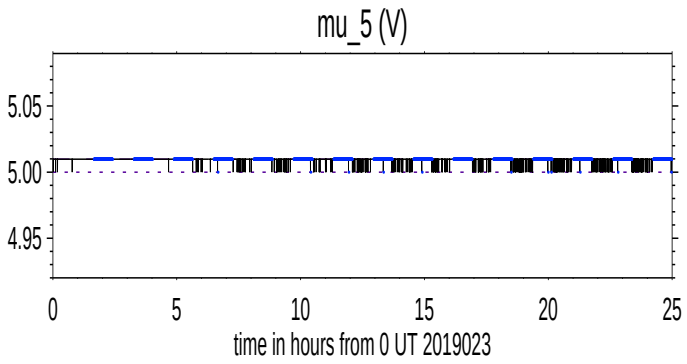
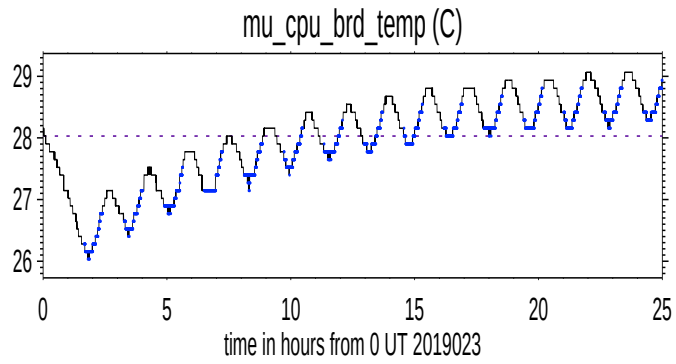
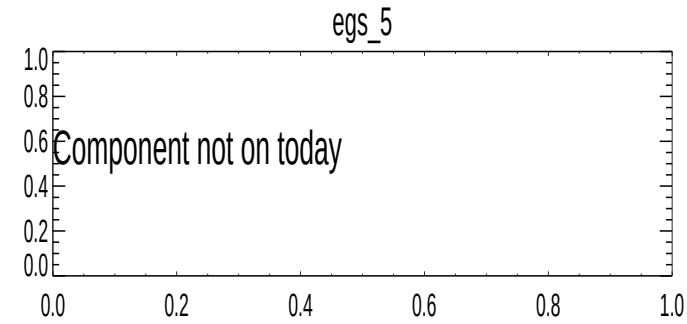
Information for  2019023

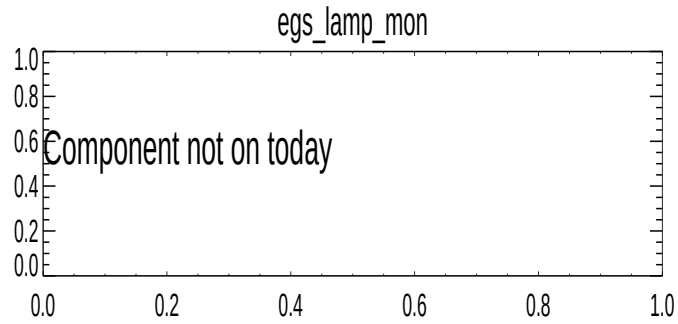
**/export/timed/data/science_dp/tlm_limit/outoflimit_2019023_012.txt**
**Fri Feb 22 06:14:28 2019 1**

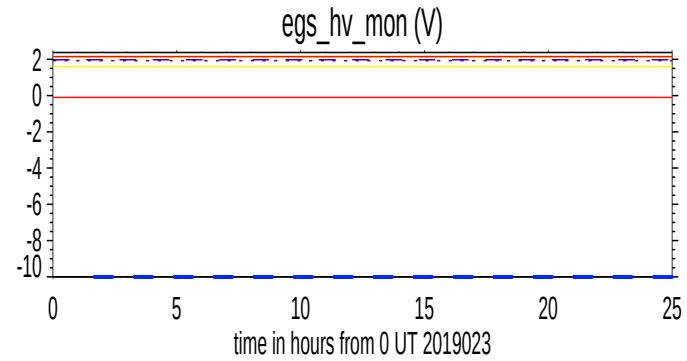
```
RH  OutOfLimit 1232242730 1232245415 reached timeout limit for ODC 176
RH  OutOfLimit 1232248540 1232251225 reached timeout limit for ODC 177
RH  OutOfLimit 1232254347 1232257032 reached timeout limit for ODC 178
RH  OutOfLimit 1232260155 1232262840 reached timeout limit for ODC 179
RH  OutOfLimit 1232265962 1232268647 reached timeout limit for ODC 180
RH  OutOfLimit 1232271769 1232274454 reached timeout limit for ODC 181
RH  OutOfLimit 1232277576 1232280261 reached timeout limit for ODC 182
RH  OutOfLimit 1232283383 1232286068 reached timeout limit for ODC 183
RH  OutOfLimit 1232289190 1232291875 reached timeout limit for ODC 184
RH  OutOfLimit 1232294997 1232297682 reached timeout limit for ODC 185
RH  OutOfLimit 1232300804 1232303489 reached timeout limit for ODC 186
RH  OutOfLimit 1232306611 1232309296 reached timeout limit for ODC 187
RH  OutOfLimit 1232312418 1232315103 reached timeout limit for ODC 188
RH  OutOfLimit 1232318224 1232320909 reached timeout limit for ODC 189
RH  OutOfLimit 1232324031 1232326716 reached timeout limit for ODC 190
```

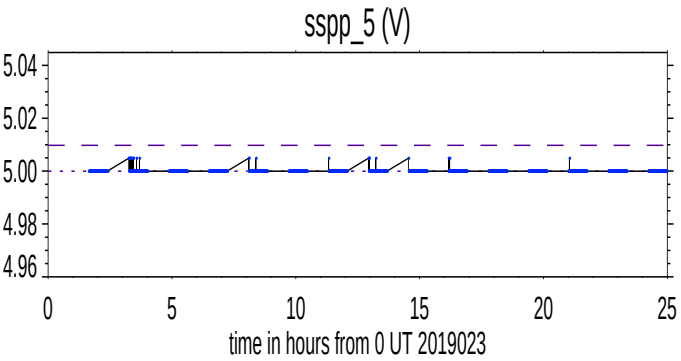

mu_5 (V)
5.05
5.00
4.95
0
5
10
15
20
25
time in hours from 0 UT 2019023

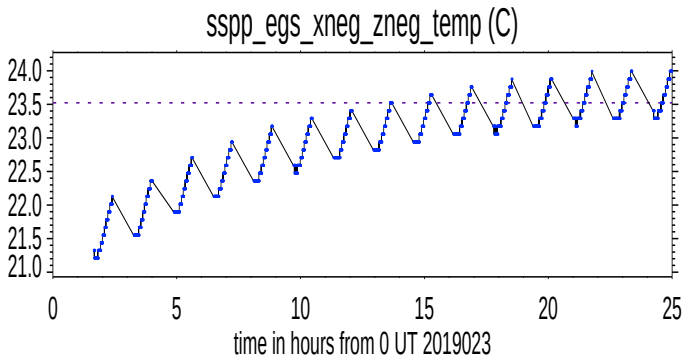

mu_cpu_brd_temp (C)
29
28
27
26
0
5
10
15
20
25
time in hours from 0 UT 2019023


egs_5
Component not on today
1.0
0.8
0.6
0.4
0.2
0.0
0.0
0.2
0.4
0.6
0.8
1.0


egs_lamp_mon
Component not on today
1.0
0.8
0.6
0.4
0.2
0.0
0.0
0.2
0.4
0.6
0.8
1.0


egs_hv_mon (V)
2
0
-2
-4
-6
-8
-10
0
5
10
15
20
25
time in hours from 0 UT 2019023


sspp_5 (V)
5.04
5.02
5.00
4.98
4.96
0
5
10
15
20
25
time in hours from 0 UT 2019023


sspp_egs_xneg_zneg_temp (C)
24.0
23.5
23.0
22.5
22.0
21.5
21.0
0
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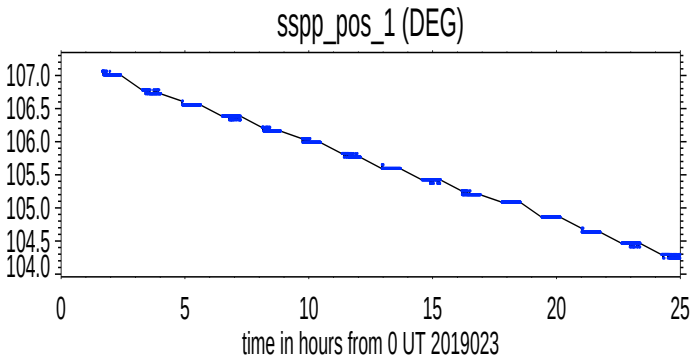
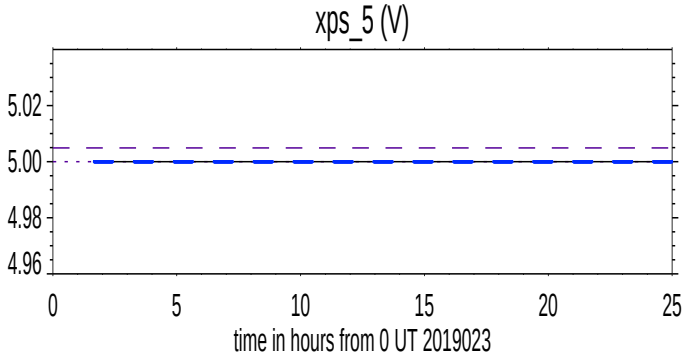
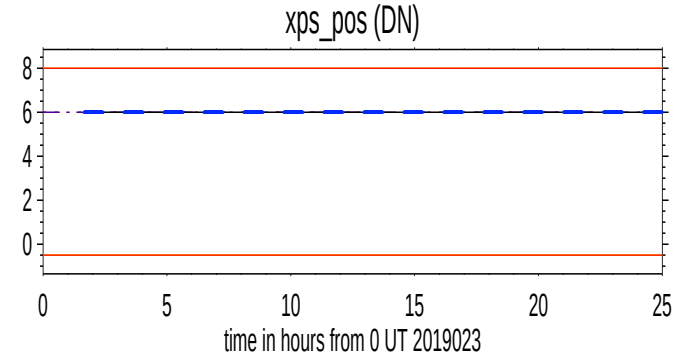
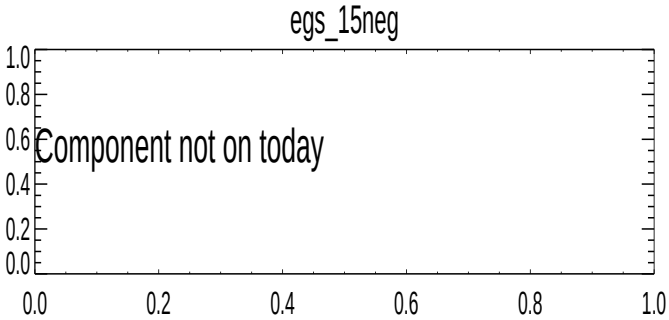
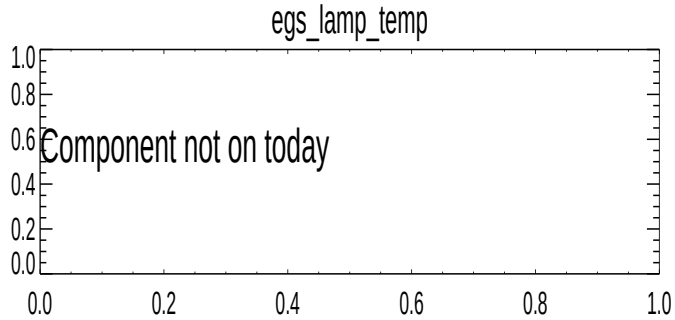
10
15
20
25
time in hours from 0 UT 2019023

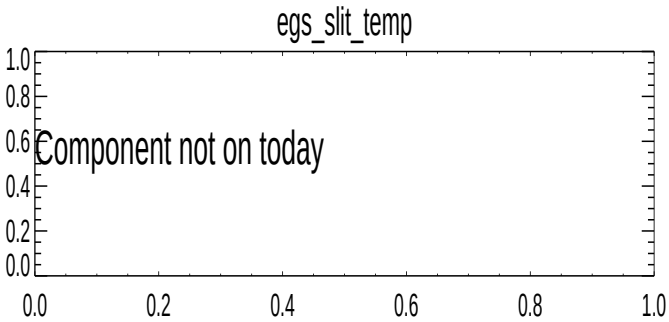

sspp_pos_1 (DEG)
107.0
106.5
106.0
105.5
105.0
104.5
104.0
0
5
10
15
20
25
time in hours from 0 UT 2019023

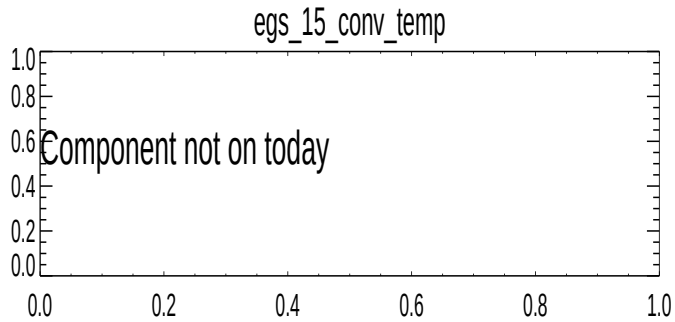

xps_5 (V)
5.02
5.00
4.98
4.96
0
5
10
15
20
25
time in hours from 0 UT 2019023

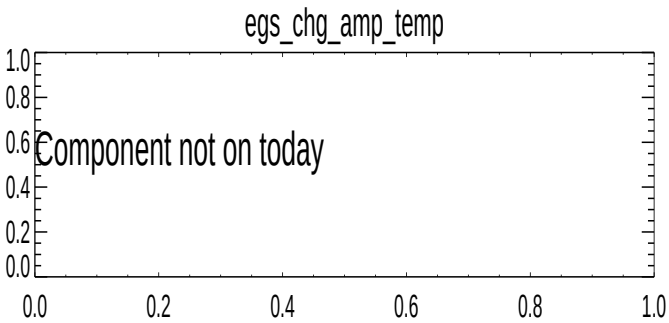

xps_pos (DN)
8
6
4
2
0
0
5
10
15
20
25
time in hours from 0 UT 2019023

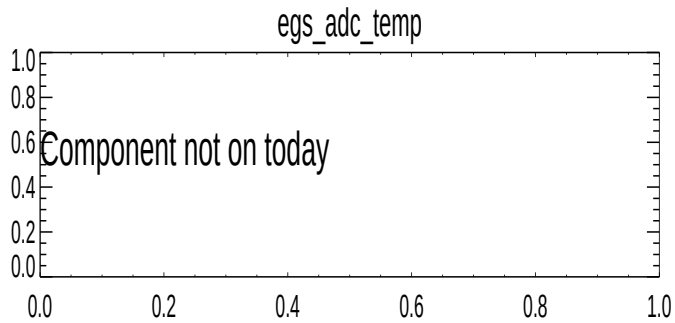

egs_15neg
Component not on today

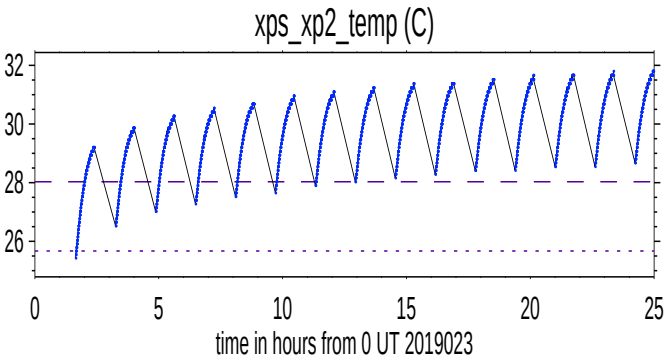

egs_lamp_temp
Component not on today

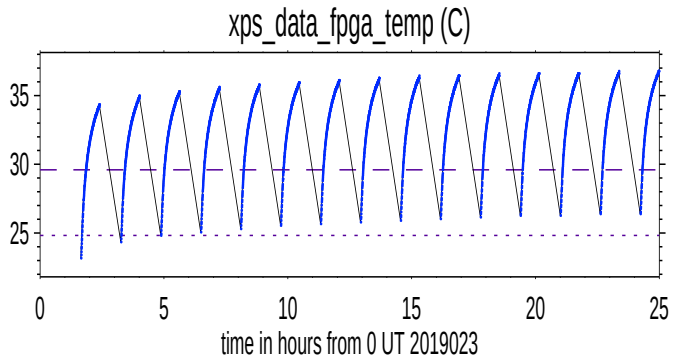

egs_slit_temp
Component not on today

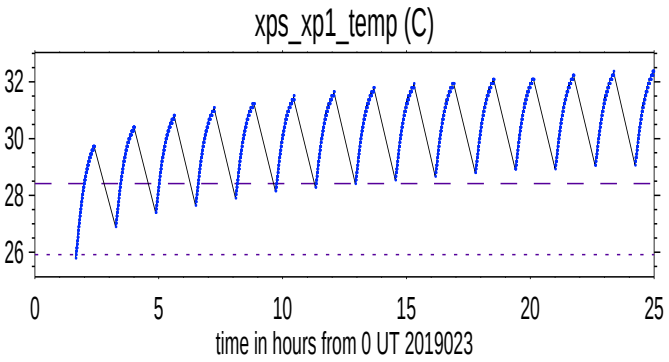

egs_15_conv_temp
Component not on today

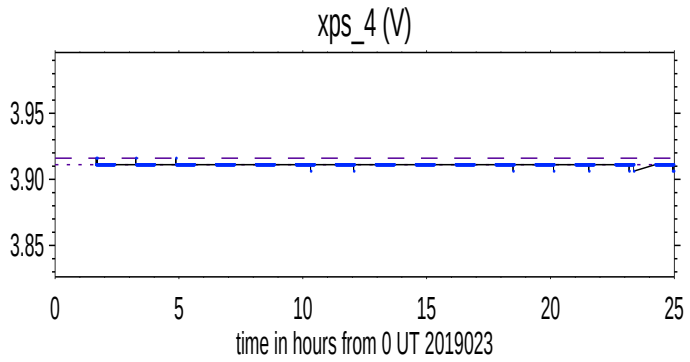

egs_chg_amp_temp
Component not on today

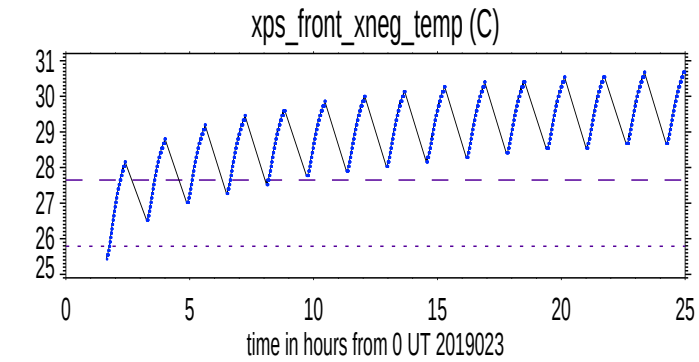

egs_adc_temp
Component not on today

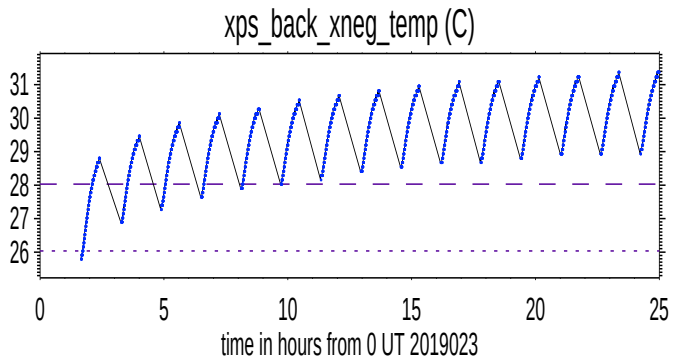

xps_xp2_temp (C)
time in hours from 0 UT 2019023

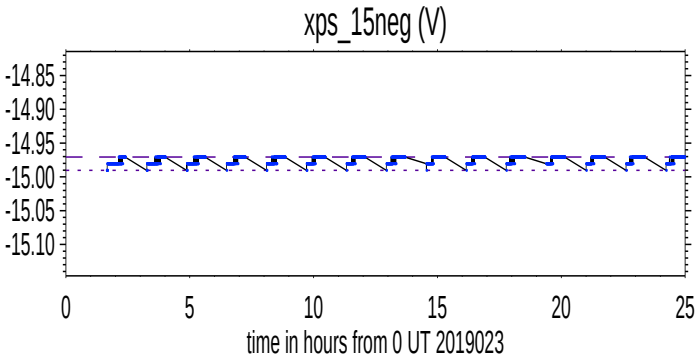

xps_data_fpga_temp (C)
time in hours from 0 UT 2019023

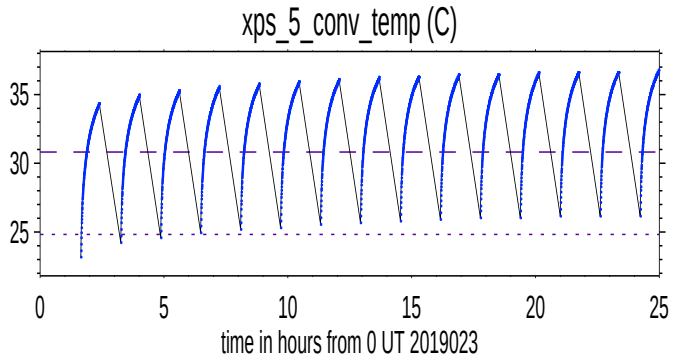

xps_xp1_temp (C)
time in hours from 0 UT 2019023

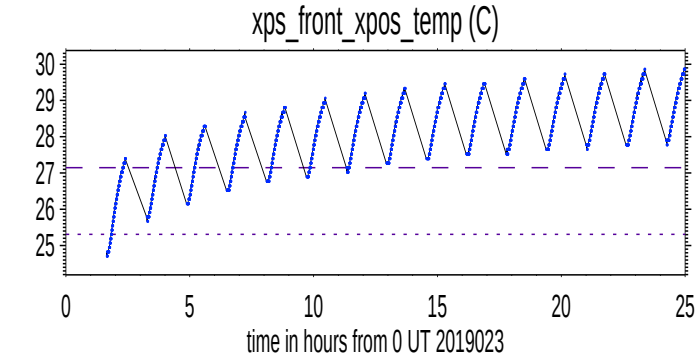

xps_4 (V)
time in hours from 0 UT 2019023

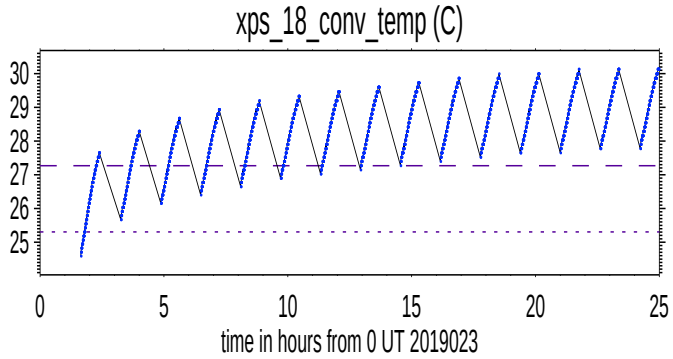

xps_front_xneg_temp (C)
31
30
29
28
27
26
25
0
5
10
15
20
25
time in hours from 0 UT 2019023

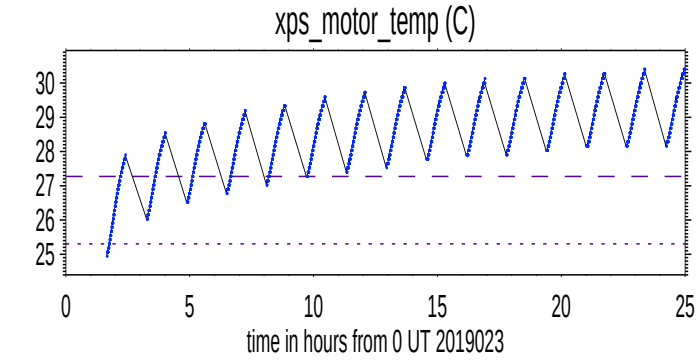

xps_back_xneg_temp (C)
31
30
29
28
27
26
0
5
10
15
20
25
time in hours from 0 UT 2019023

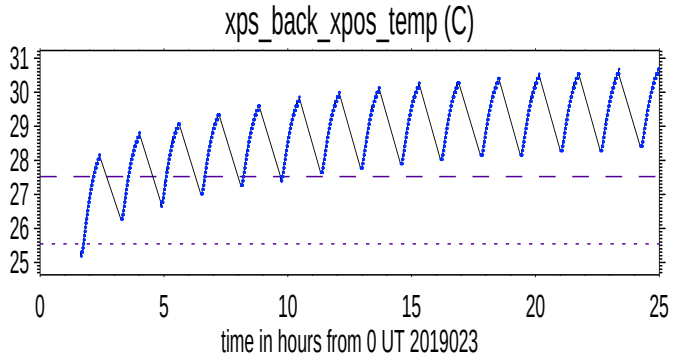

xps_15neg (V)
-14.85
-14.90
-14.95
-15.00
-15.05
-15.10
0
5
10
15
20
25
time in hours from 0 UT 2019023

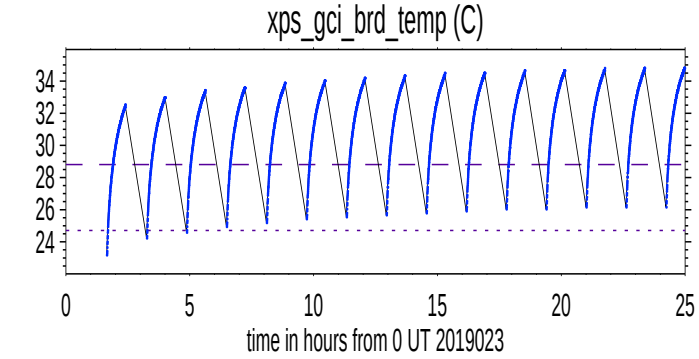

xps_5_conv_temp (C)
35
30
25
0
5
10
15
20
25
time in hours from 0 UT 2019023

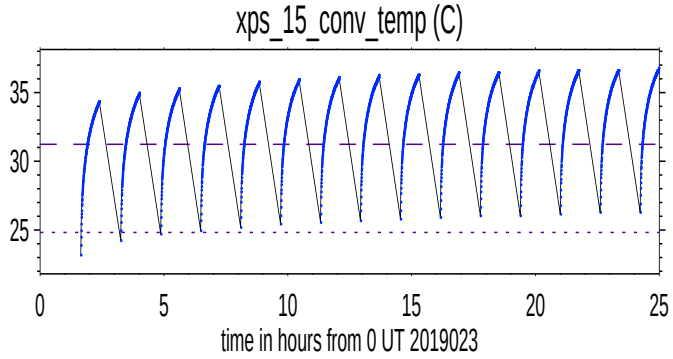

xps_front_xpos_temp (C)
30
29
28
27
26
25
0
5
10
15
20
25
time in hours from 0 UT 2019023

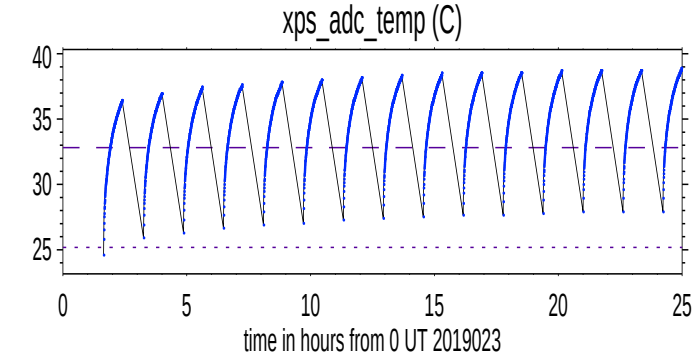

xps_18_conv_temp (C)
30
29
28
27
26
25
0
5
10
15
20
25
time in hours from 0 UT 2019023

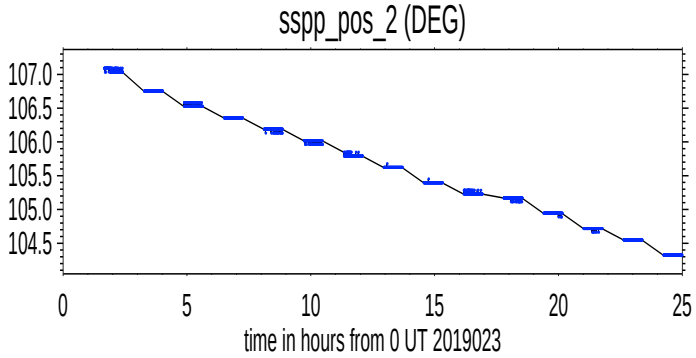

xps_motor_temp (C)
30
29
28
27
26
25
0
5
10
15
20
25
time in hours from 0 UT 2019023

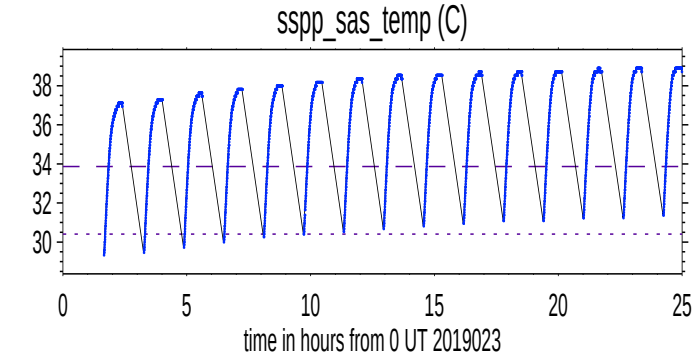

xps_back_xpos_temp (C)
31
30
29
28
27
26
25
0
5
10
15
20
25
time in hours from 0 UT 2019023

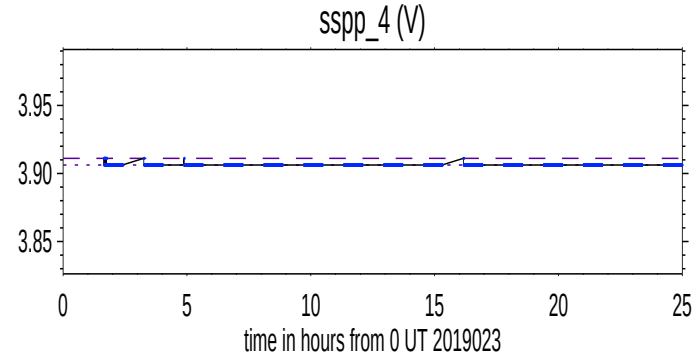

xps_gci_brd_temp (C)
34
32
30
28
26
24
0
5
10
15
20
25
time in hours from 0 UT 2019023

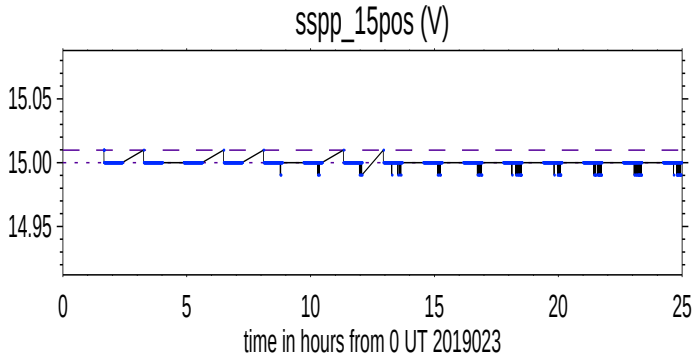

xps_15_conv_temp (C)
35
30
25
0
5
10
15
20
25
time in hours from 0 UT 2019023

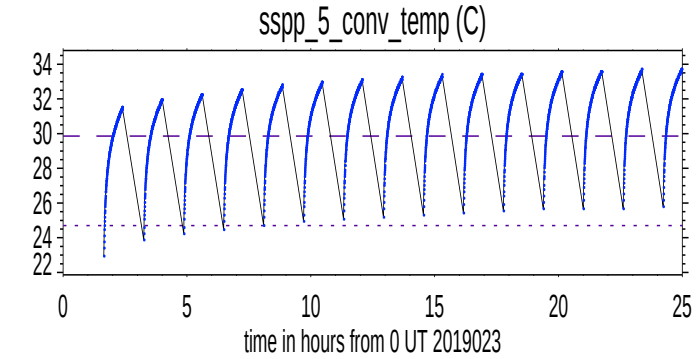

xps_adc_temp (C)
40
35
30
25
0
5
10
15
20
25
time in hours from 0 UT 2019023

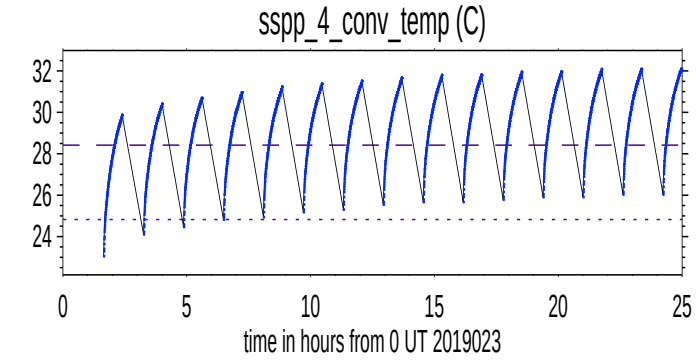

sspp_pos_2 (DEG)
107.0
106.5
106.0
105.5
105.0
104.5
0
5
10
15
20
25
time in hours from 0 UT 2019023

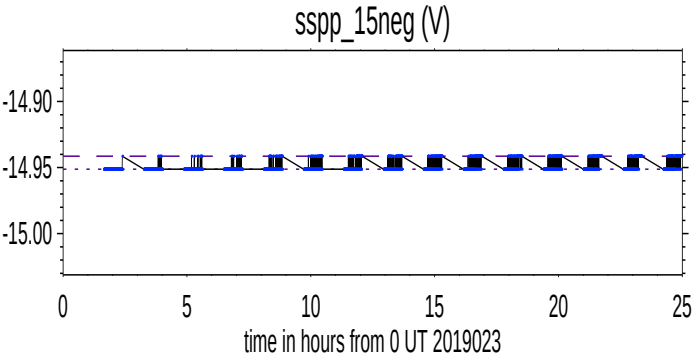

sspp_sas_temp (C)
38
36
34
32
30
0
5
10
15
20
25
time in hours from 0 UT 2019023

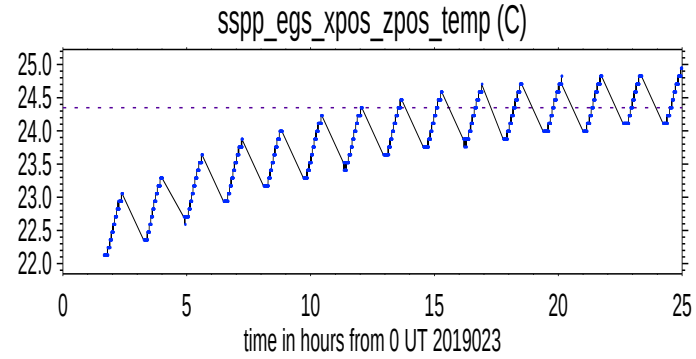

sspp_4 (V)
3.95
3.90
3.85
0
5
10
15
20
25
time in hours from 0 UT 2019023

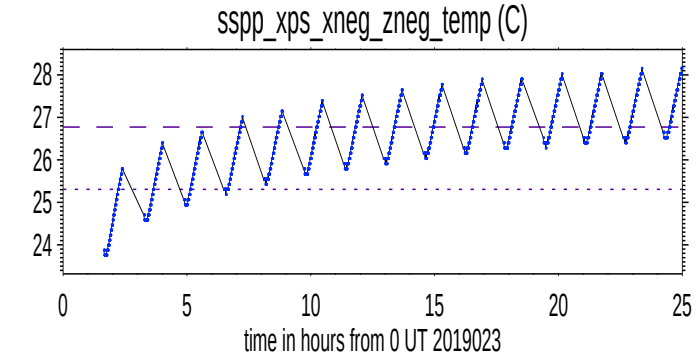

sspp_15pos (V)
15.05
15.00
14.95
0
5
10
15
20
25
time in hours from 0 UT 2019023

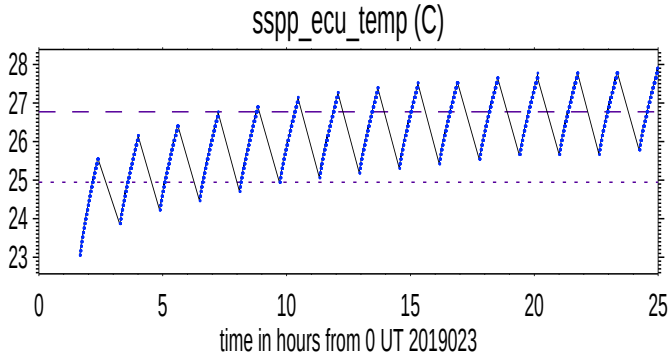

sspp_5_conv_temp (C)
34
32
30
28
26
24
22
0
5
10
15
20
25
time in hours from 0 UT 2019023

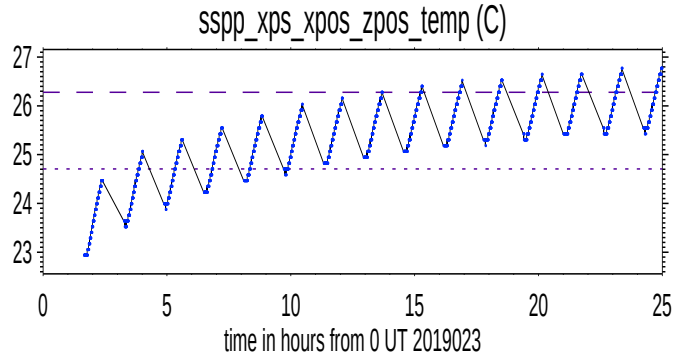

sspp_4_conv_temp (C)
32
30
28
26
24
0
5
10
15
20
25
time in hours from 0 UT 2019023

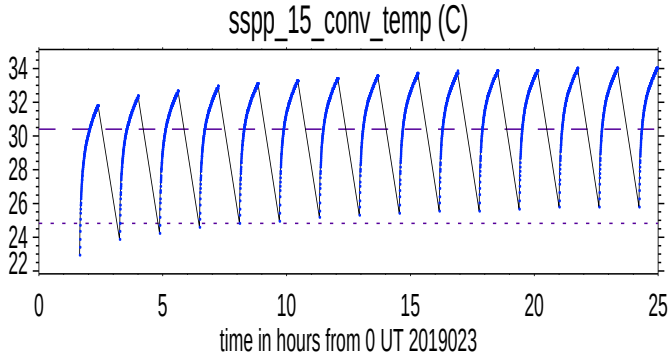

sspp_15neg (V)
-14.90
-14.95
-15.00
0
5
10
15
20
25
time in hours from 0 UT 2019023

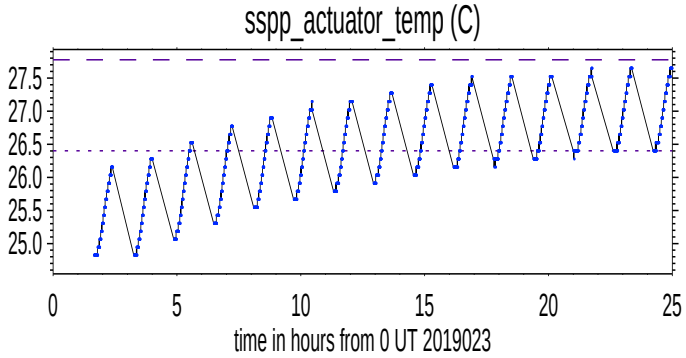

sspp_egs_xpos_zpos_temp (C)
25.0
24.5
24.0
23.5
23.0
22.5
22.0
0
5
10
15
20
25
time in hours from 0 UT 2019023

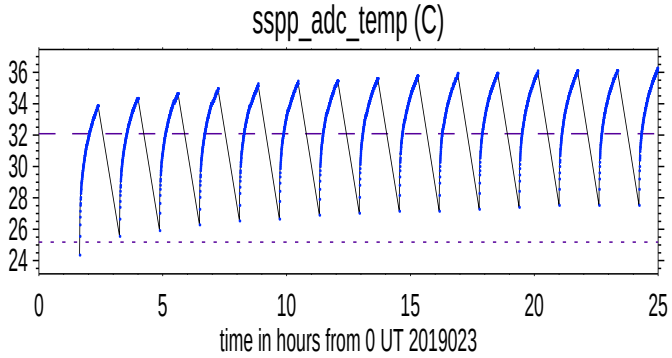

sspp_xps_xneg_zneg_temp (C)
28
27
26
25
24
0
5
10
15
20
25
time in hours from 0 UT 2019023

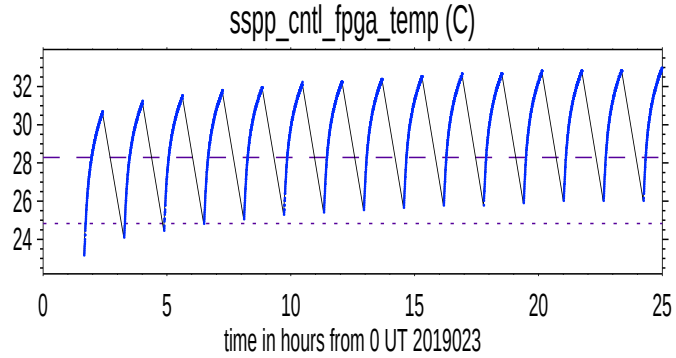

sspp_ecu_temp (C)
28
27
26
25
24
23
0
5
10
15
20
25
time in hours from 0 UT 2019023

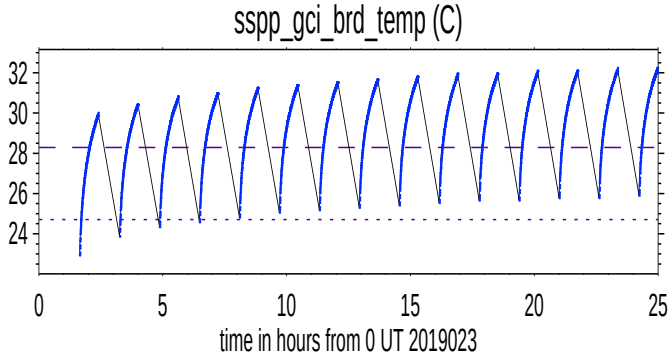

sspp_xps_xpos_zpos_temp (C)
27
26
25
24
23
0
5
10
15
20
25
time in hours from 0 UT 2019023

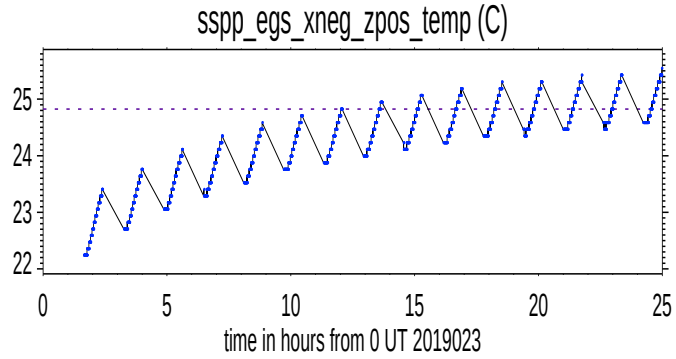

sspp_15_conv_temp (C)
34
32
30
28
26
24
22
0
5
10
15
20
25
time in hours from 0 UT 2019023

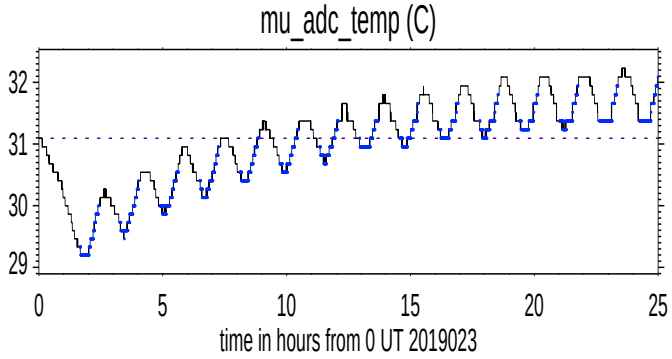

sspp_actuator_temp (C)
27.5
27.0
26.5
26.0
25.5
25.0
0
5
10
15
20
25
time in hours from 0 UT 2019023

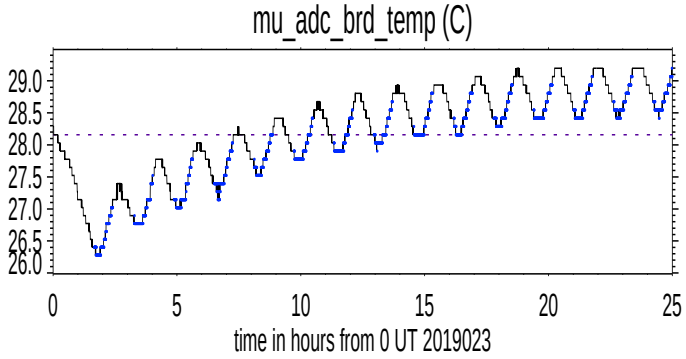

sspp_adc_temp (C)
36
34
32
30
28
26
24
0
5
10
15
20
25
time in hours from 0 UT 2019023

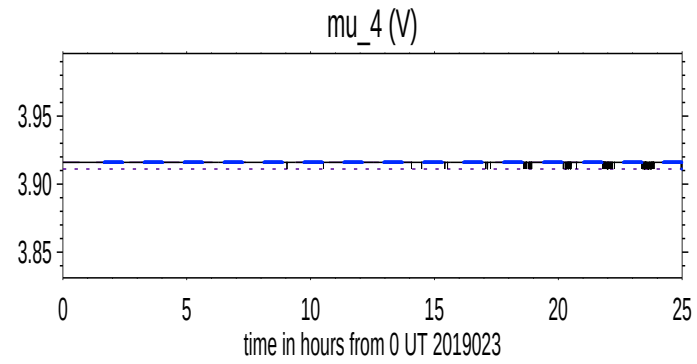

sspp_cntl_fpga_temp (C)
32
30
28
26
24
0
5
10
15
20
25
time in hours from 0 UT 2019023

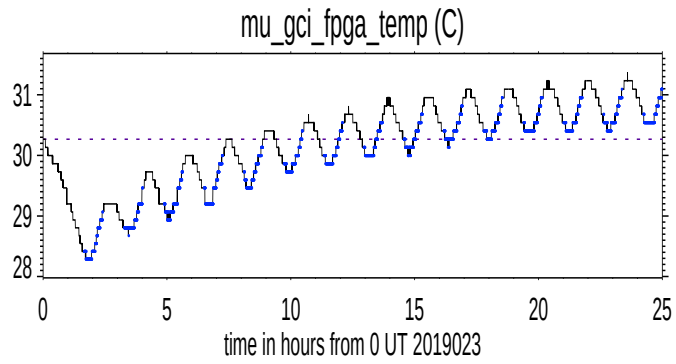

sspp_gci_brd_temp (C)
32
30
28
26
24
0
5
10
15
20
25
time in hours from 0 UT 2019023

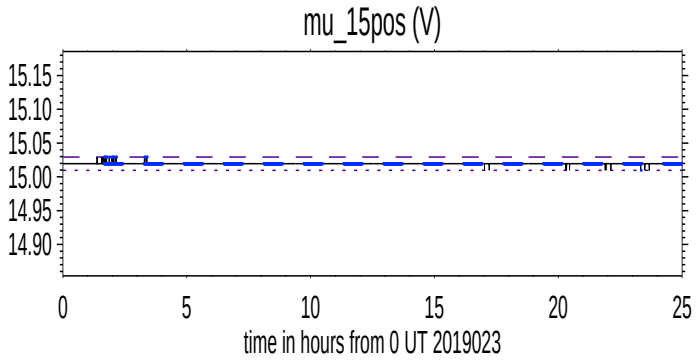

sspp_egs_xneg_zpos_temp (C)
25
24
23
22
0
5
10
15
20
25
time in hours from 0 UT 2019023

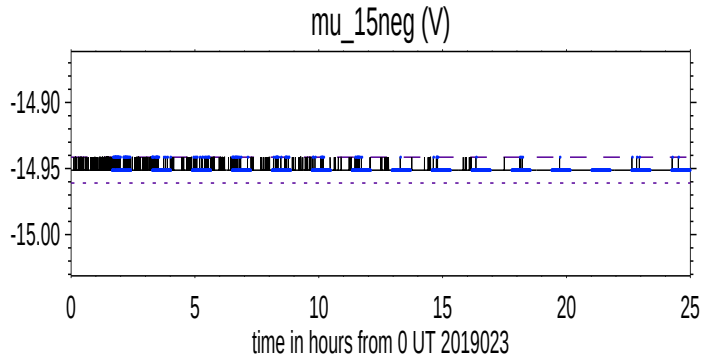

mu_adc_temp (C)
32
31
30
29
0
5
10
15
20
25
time in hours from 0 UT 2019023

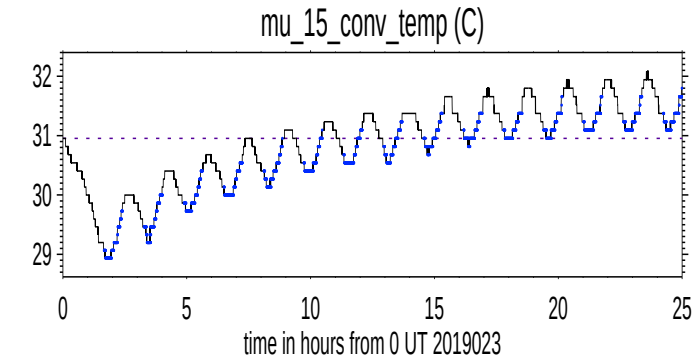

mu_adc_brd_temp (C)
29.0
28.5
28.0
27.5
27.0
26.5
26.0
0
5
10
15
20
25
time in hours from 0 UT 2019023

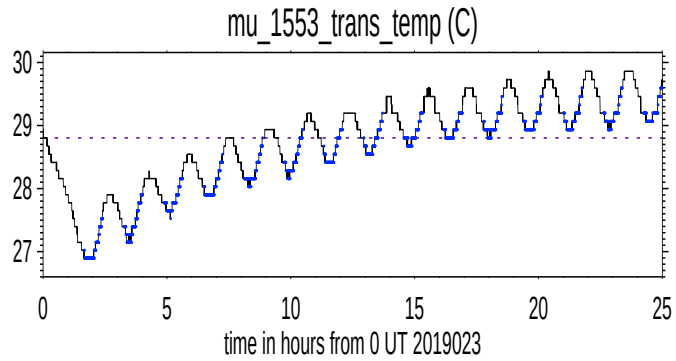

mu_4 (V)
3.95
3.90
3.85
0
5
10
15
20
25
time in hours from 0 UT 2019023

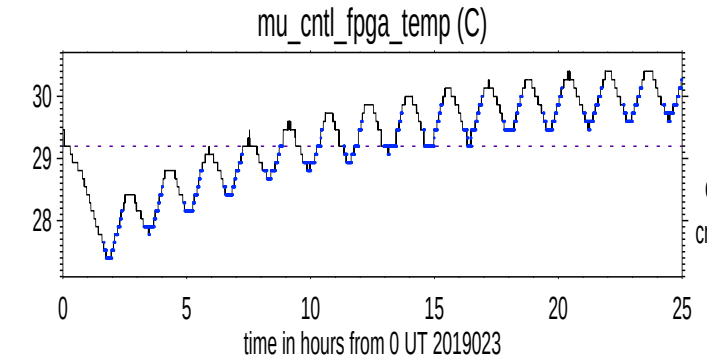

mu_gci_fpga_temp (C)
31
30
29
28
0
5
10
15
20
25
time in hours from 0 UT 2019023

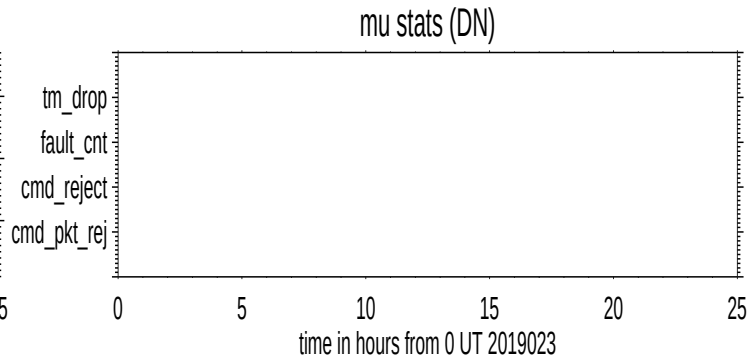

mu_15pos (V)
15.15
15.10
15.05
15.00
14.95
14.90
0
5
10
15
20
25
time in hours from 0 UT 2019023

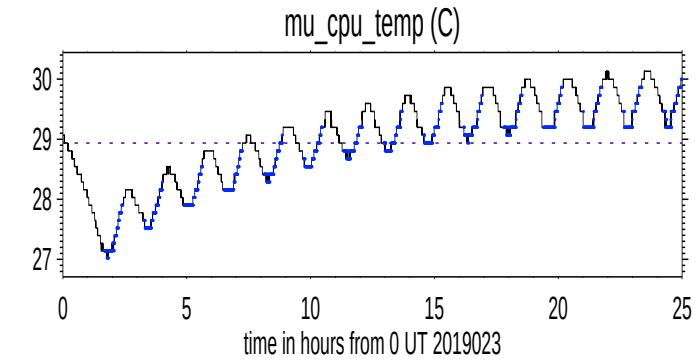

mu_15neg (V)
-14.90
-14.95
-15.00
0
5
10
15
20
25
time in hours from 0 UT 2019023

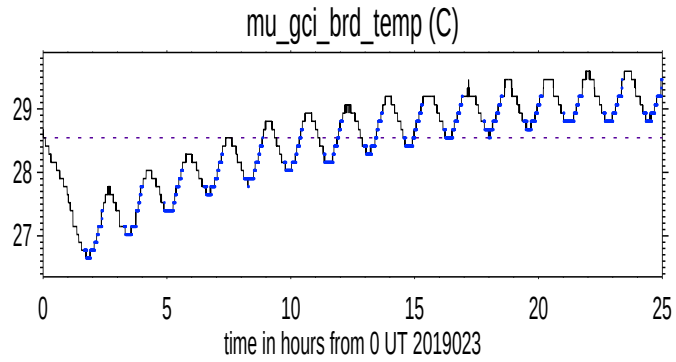

mu_15_conv_temp (C)
32
31
30
29
0
5
10
15
20
25
time in hours from 0 UT 2019023

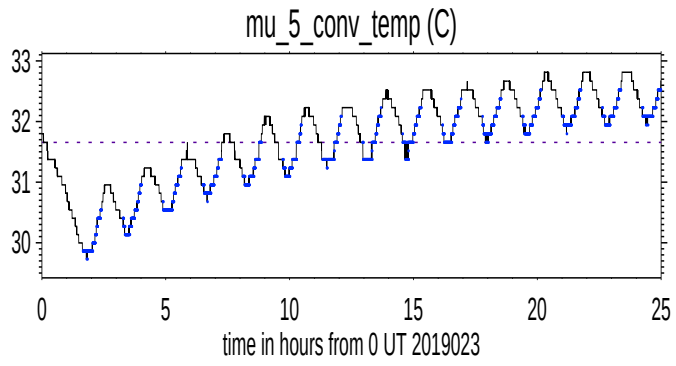

mu_1553_trans_temp (C)
30
29
28
27
0
5
10
15
20
25
time in hours from 0 UT 2019023

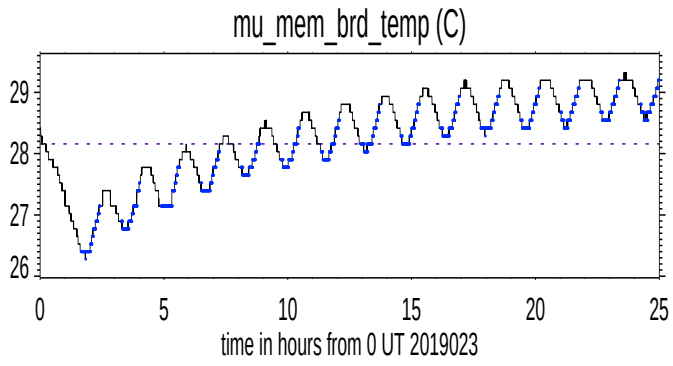

mu_cntl_fpga_temp (C)
30
29
28
0
5
10
15
20
25
time in hours from 0 UT 2019023

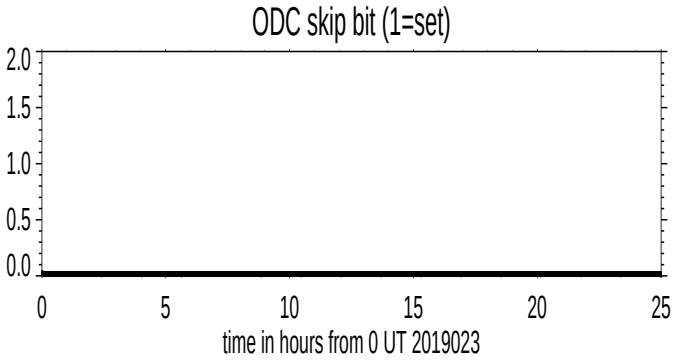

mu stats (DN)
tm_drop
fault_cnt
cmd_reject
cmd_pkt_rej
0
5
10
15
20
25
time in hours from 0 UT 2019023

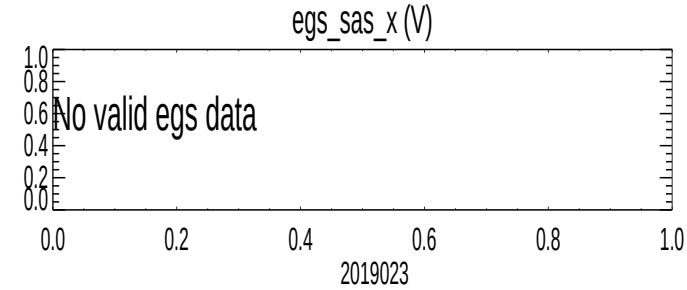

mu_cpu_temp (C)
30
29
28
27
0
5
10
15
20
25
time in hours from 0 UT 2019023

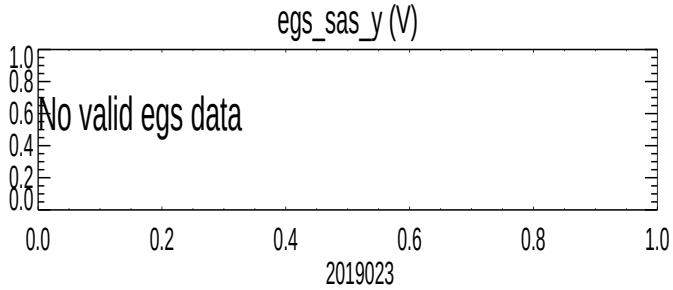

mu_gci_brd_temp (C)
29
28
27
0
5
10
15
20
25
time in hours from 0 UT 2019023

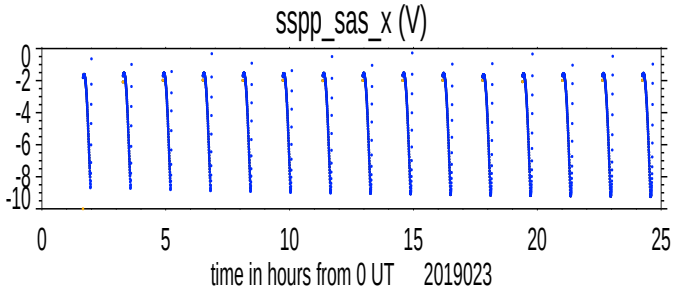

mu_5_conv_temp (C)
33
32
31
30
0
5
10
15
20
25
time in hours from 0 UT 2019023

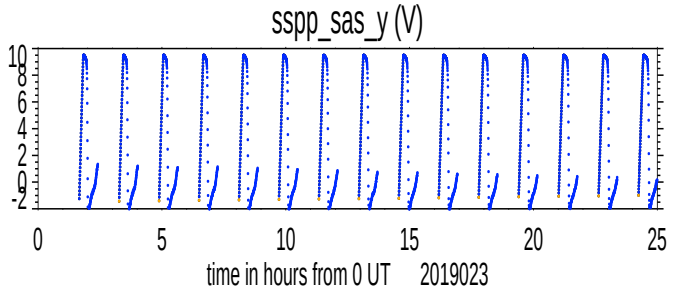

mu_mem_brd_temp (C)
29
28
27
26
0
5
10
15
20
25
time in hours from 0 UT 2019023

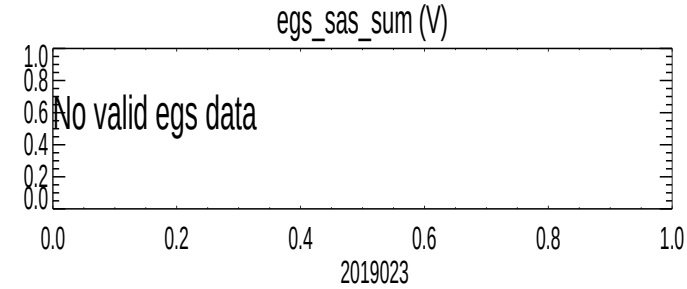

ODC skip bit (1=set)
2.0
1.5
1.0
0.5
0.0
0
5
10
15
20
25
time in hours from 0 UT 2019023

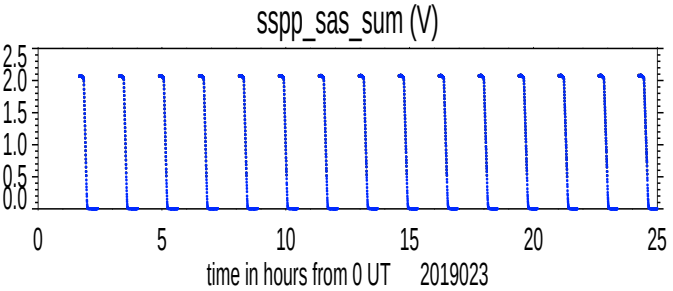

egs_sas_x (V)
No valid egs data
2019023

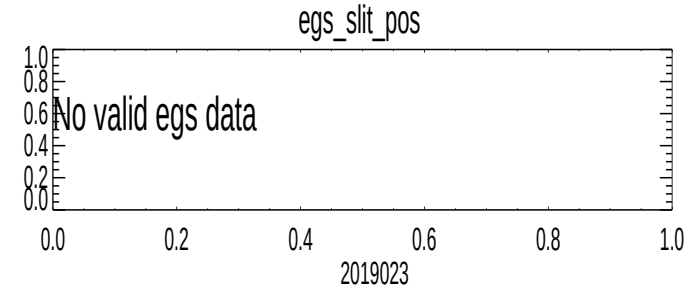

egs_sas_y (V)
No valid egs data
2019023

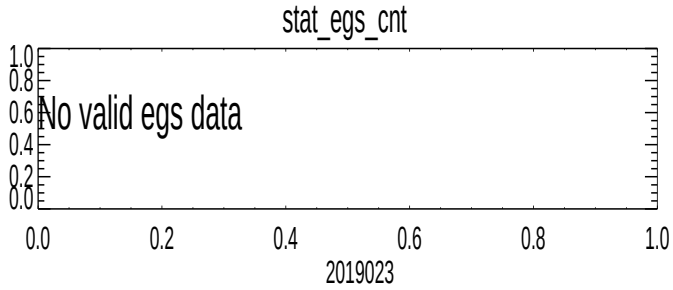

sspp_sas_x (V)
time in hours from 0 UT 2019023

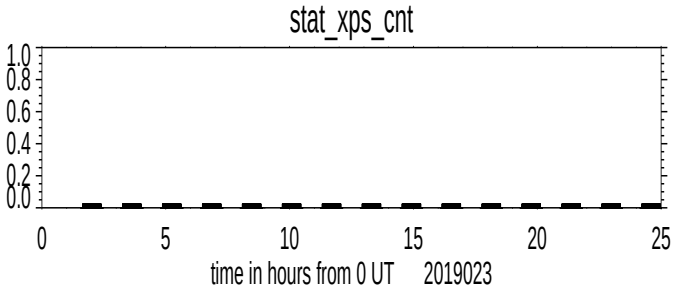

sspp_sas_y (V)
time in hours from 0 UT 2019023

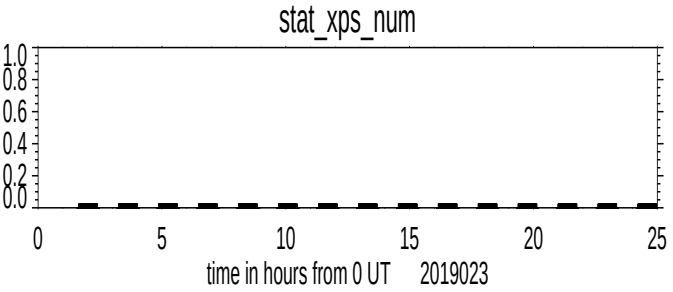

egs_sas_sum (V)
No valid egs data
2019023

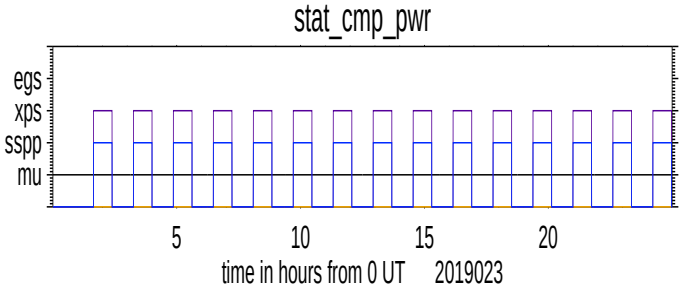

sspp_sas_sum (V)
time in hours from 0 UT 2019023


egs_slit_pos
No valid egs data
2019023

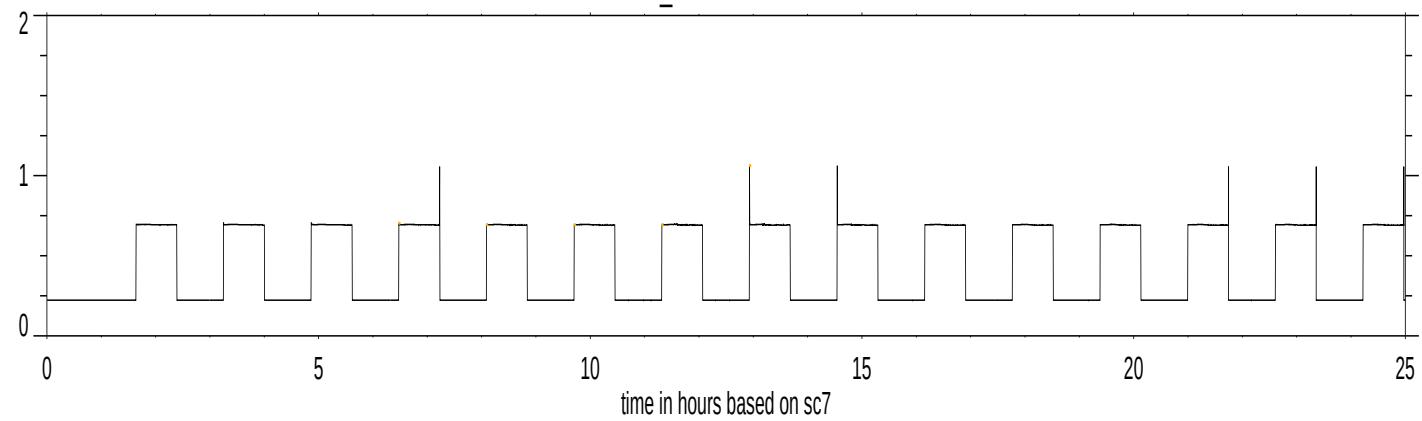

stat_egs_cnt
No valid egs data
2019023


stat_xps_cnt
time in hours from 0 UT 2019023

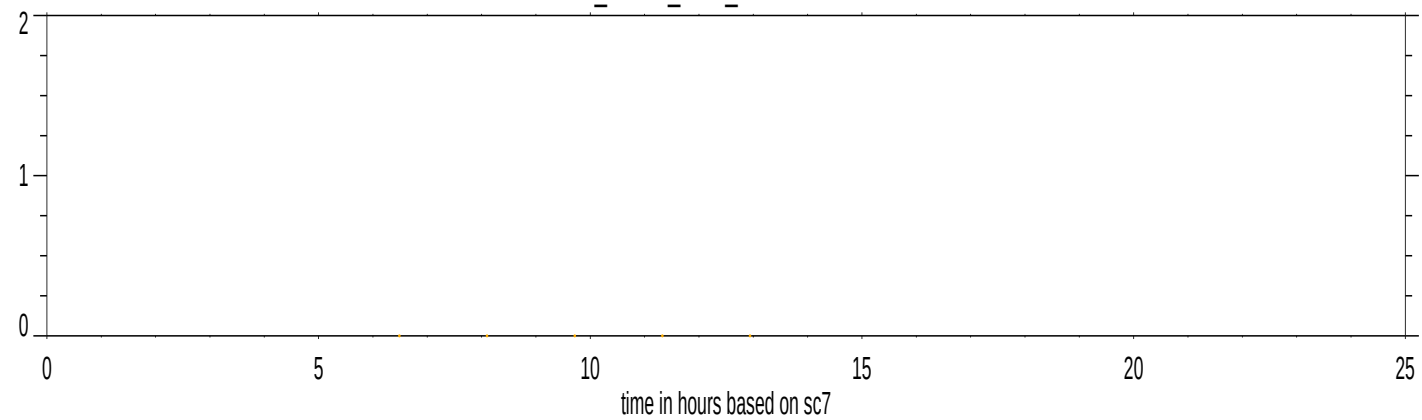

stat_xps_num
time in hours from 0 UT 2019023


stat_cmp_pwr
egs
xps
sspp
mu
time in hours from 0 UT 2019023

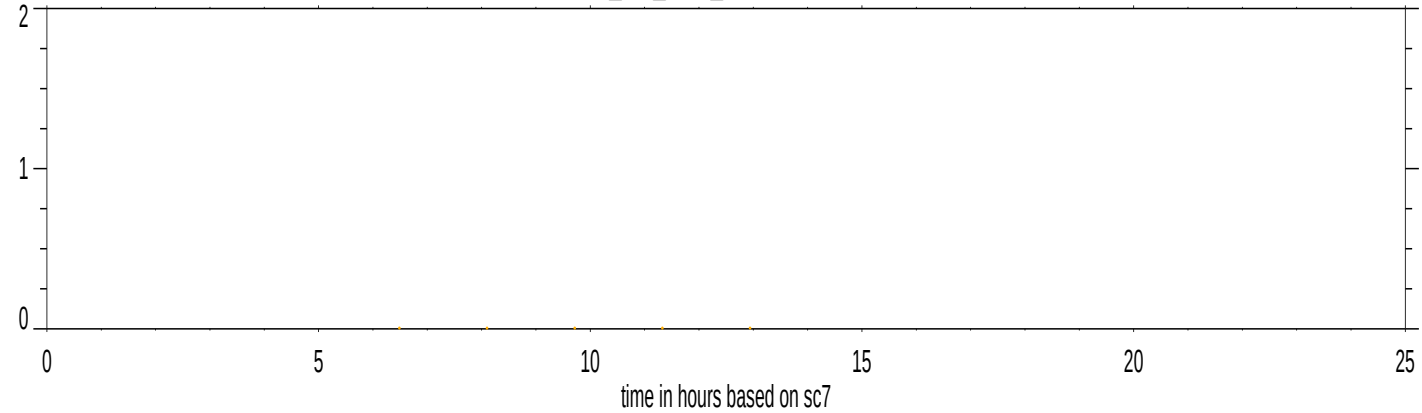
SEE_CUR 2019023



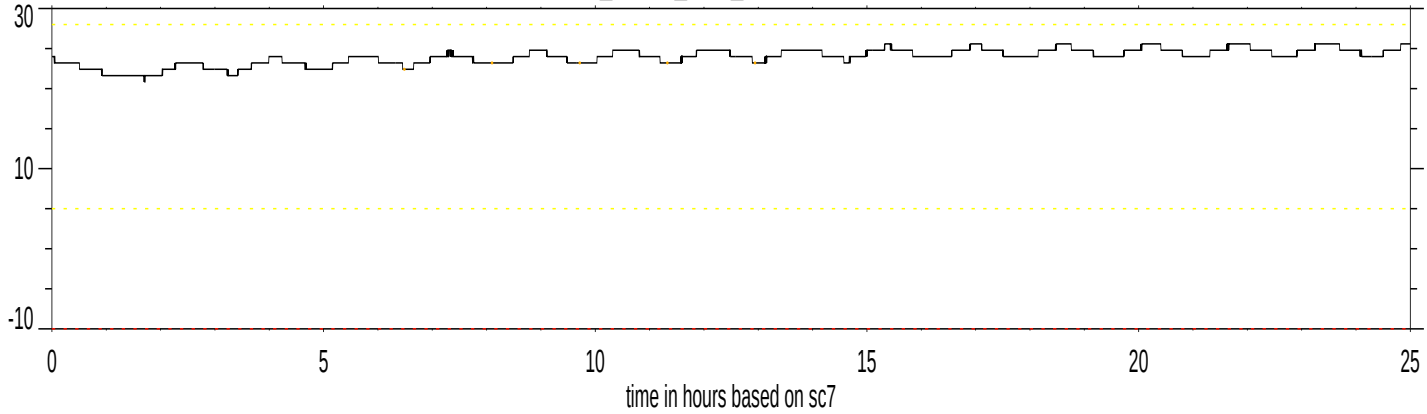

SEE_SURV_HTR_CUR 2019023



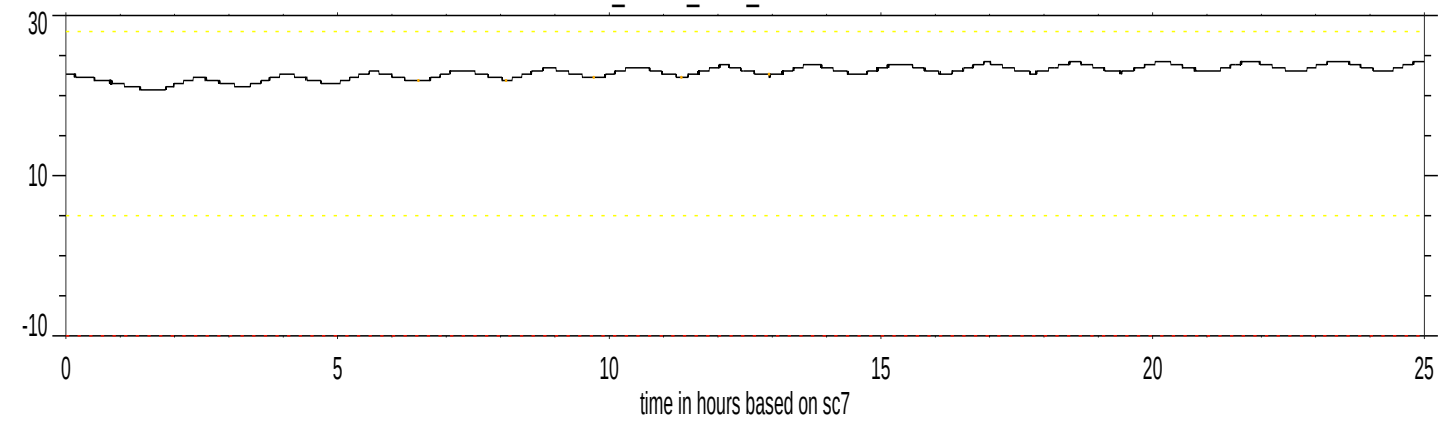

SEE_OP_HTR_CUR 2019023



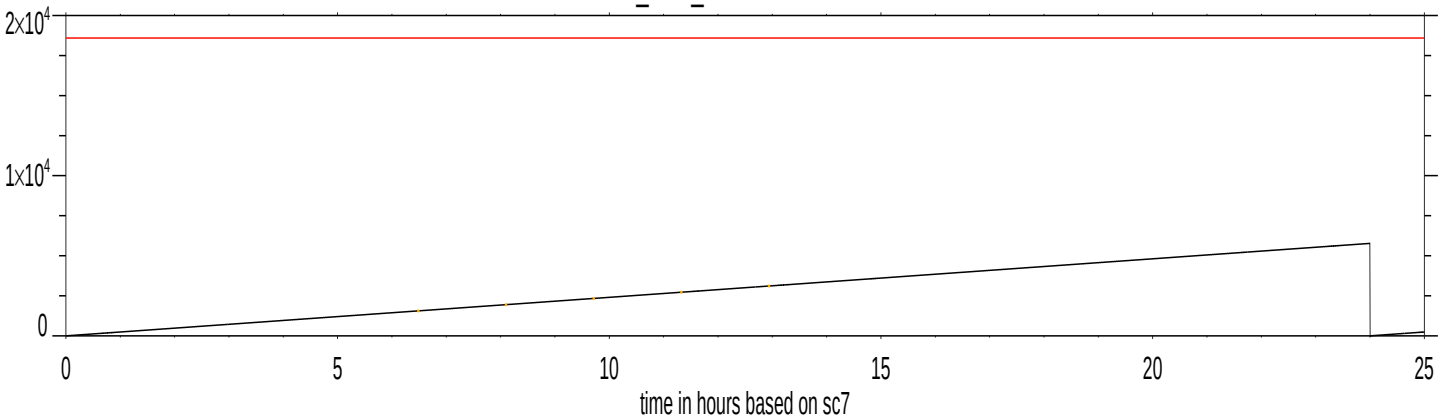

SSPP_BHND_XPS_TEMP 2019023



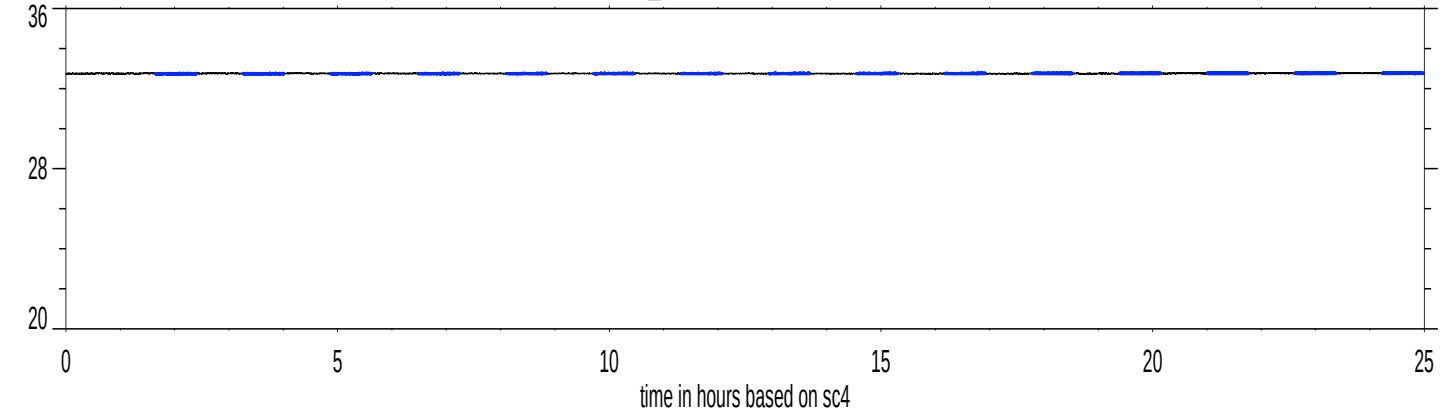
SSPP_BHND_MTR_TEMP 2019023



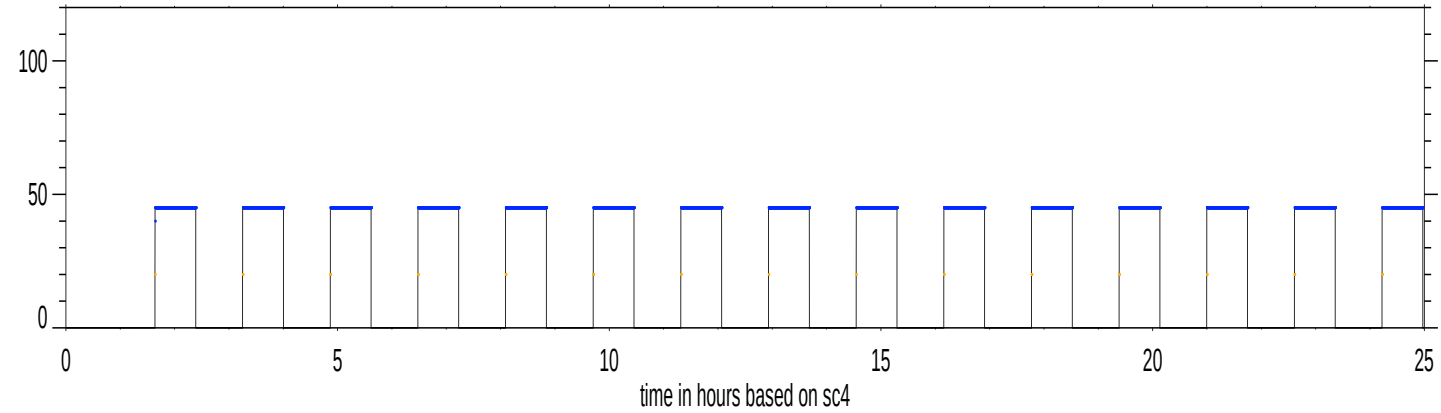

SEE_PKT_COUNT 2019023

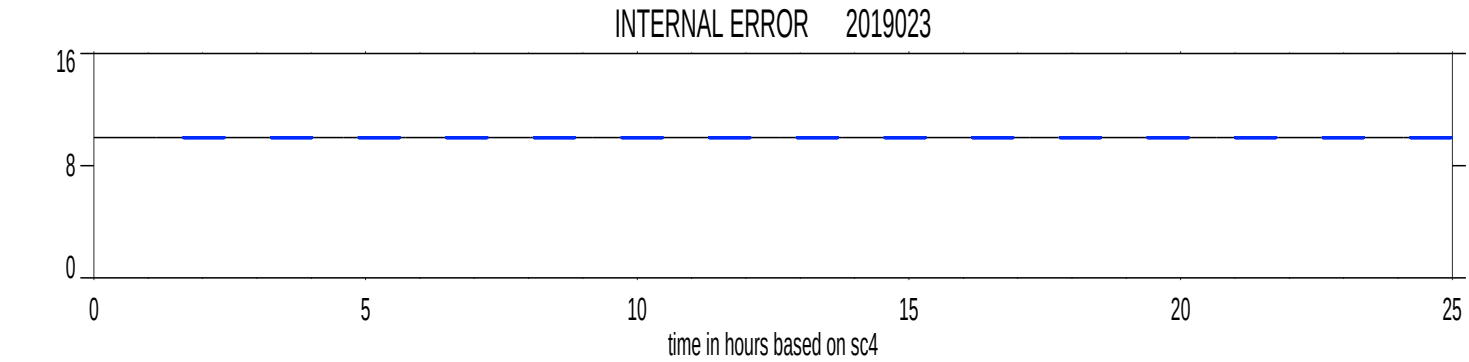


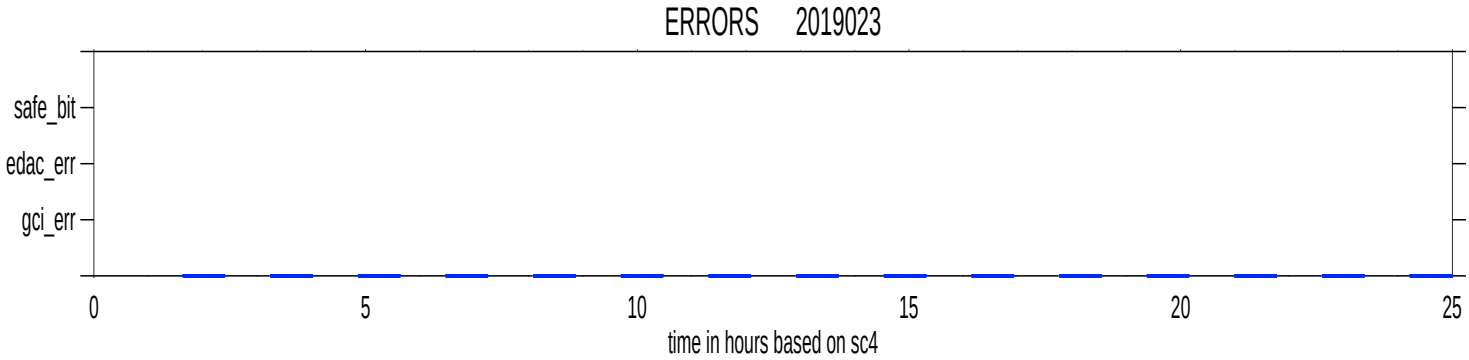

BUS_VOLTAGE 2019023

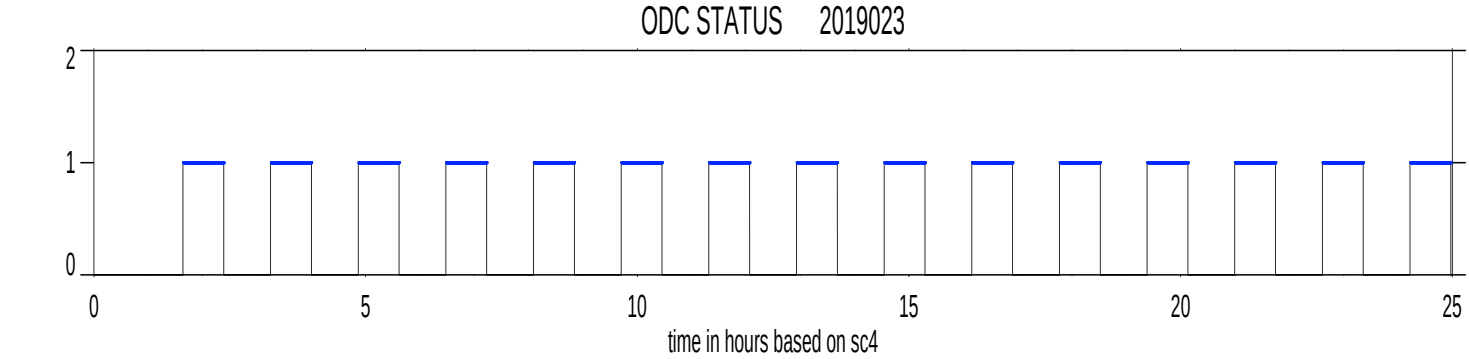


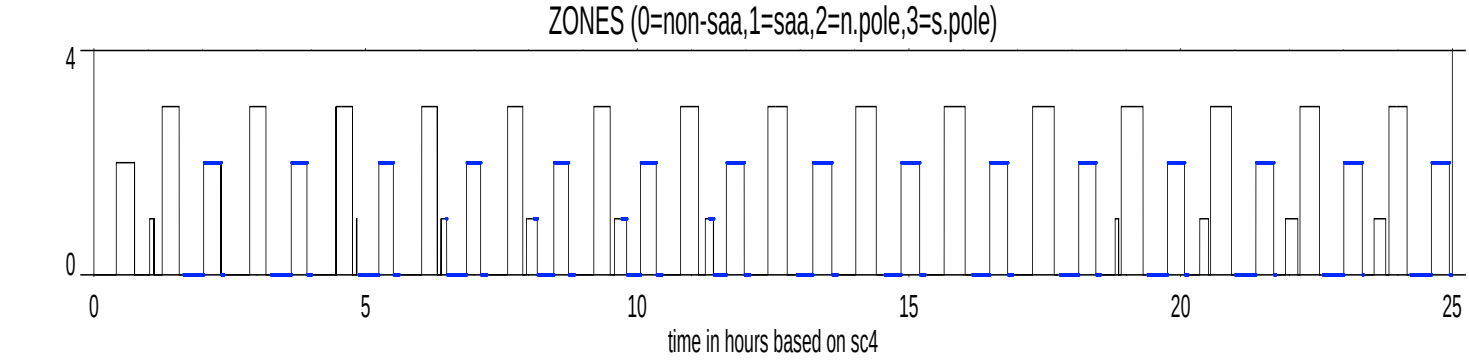

SEE_MU Operational Mode 2019023

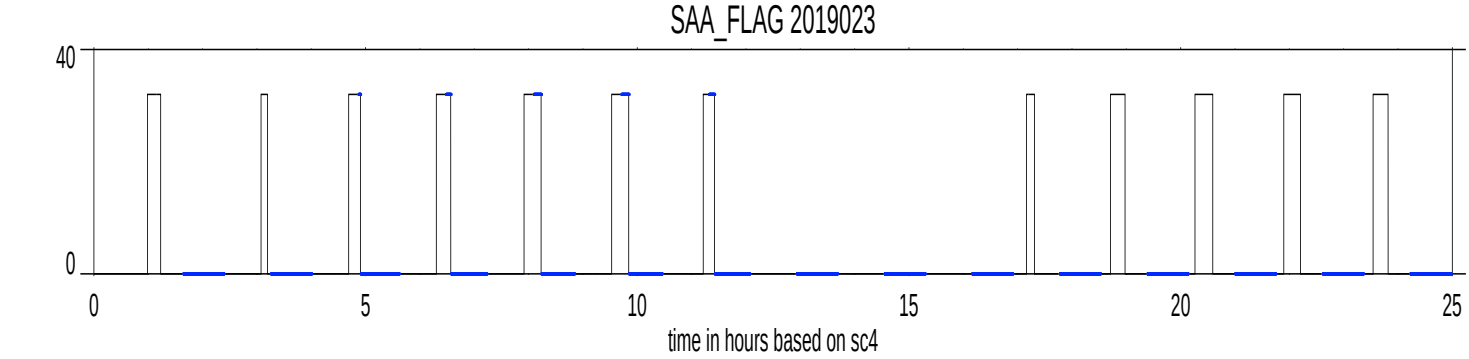


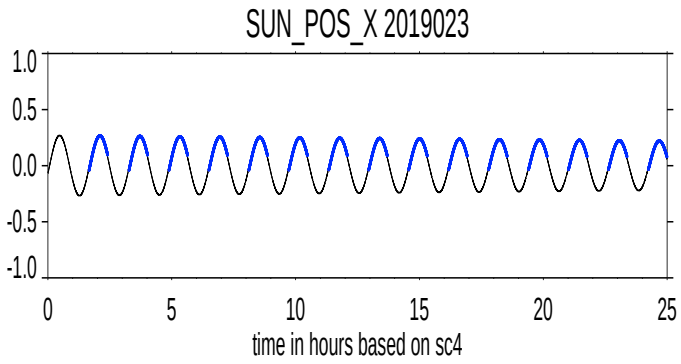

INTERNAL ERROR 2019023
16
8
0
0
5
10
15
20
25
time in hours based on sc4

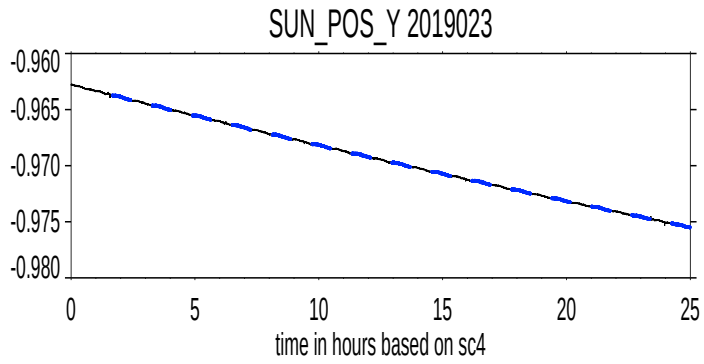

ERRORS 2019023
safe_bit
edac_err
gci_err
0
5
10
15
20
25
time in hours based on sc4

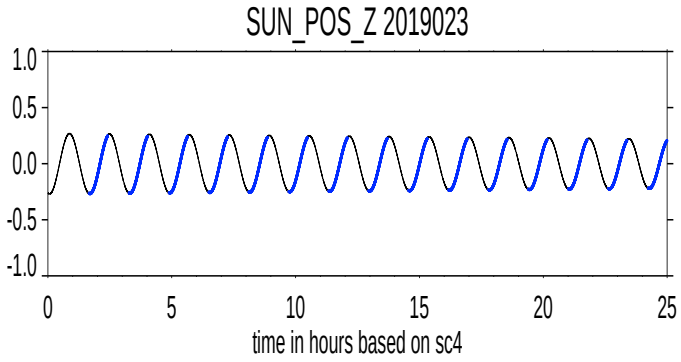

ODC STATUS 2019023
2
1
0
0
5
10
15
20
25
time in hours based on sc4

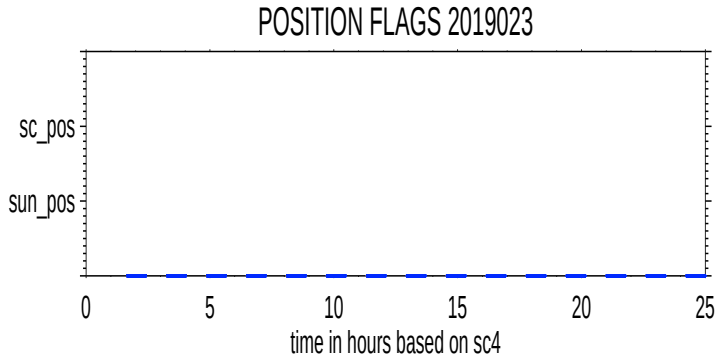

ZONES (0=non-saa,1=saa,2=n.pole,3=s.pole)
4
0
0
5
10
15
20
25
time in hours based on sc4

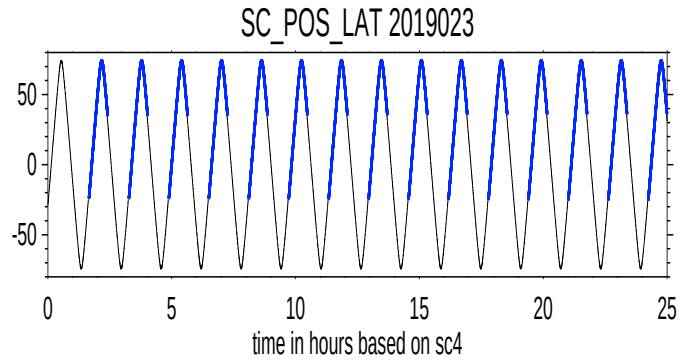

SAA_FLAG 2019023
40
0
0
5
10
15
20
25
time in hours based on sc4

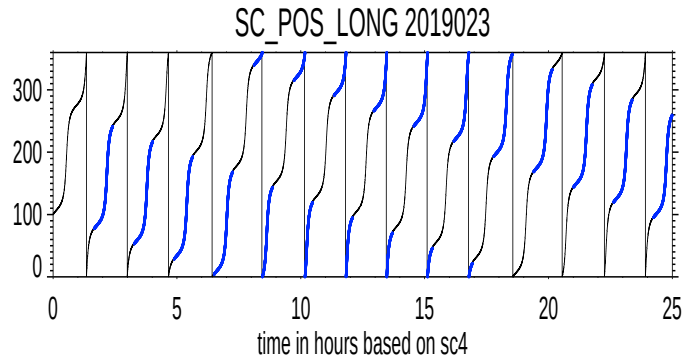

SUN_POS_X 2019023
1.0
0.5
0.0
-0.5
-1.0
0
5
10
15
20
25
time in hours based on sc4

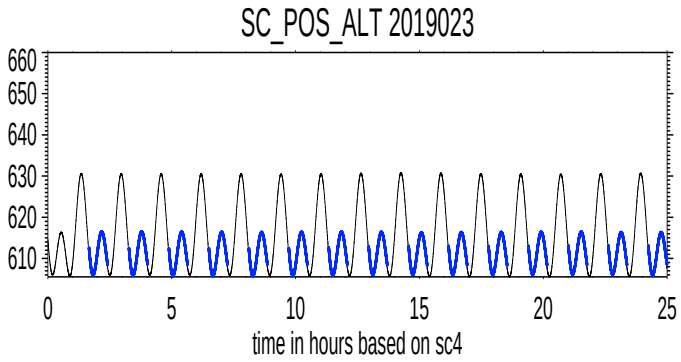

SUN_POS_Y 2019023
-0.960
-0.965
-0.970
-0.975
-0.980
0
5
10
15
20
25
time in hours based on sc4

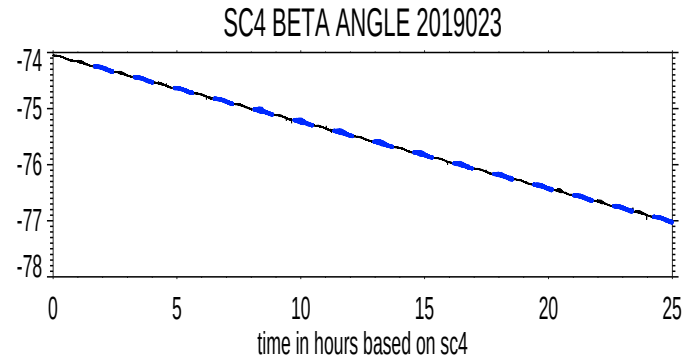

SUN_POS_Z 2019023
1.0
0.5
0.0
-0.5
-1.0
0
5
10
15
20
25
time in hours based on sc4


POSITION FLAGS 2019023
sc_pos
sun_pos
0
5
10
15
20
25
time in hours based on sc4


SC_POS_LAT 2019023
50
0
-50
0
5
10
15
20
25
time in hours based on sc4


SC_POS_LONG 2019023
300
200
100
0
0
5
10
15
20
25
time in hours based on sc4


SC_POS_ALT 2019023
660
650
640
630
620
610
0
5
10
15
20
25
time in hours based on sc4


SC4 BETA ANGLE 2019023
-74
-75
-76
-77
-78
0
5
10
15
20
25
time in hours based on sc4