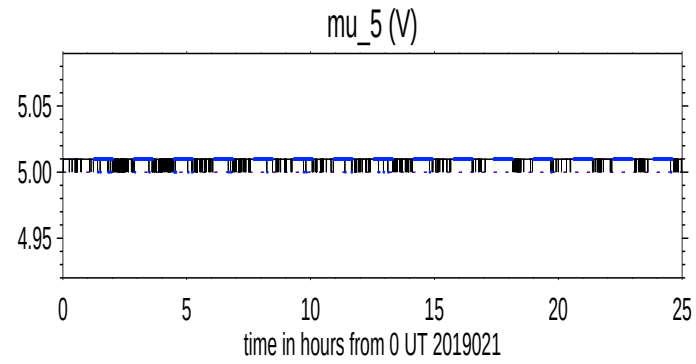
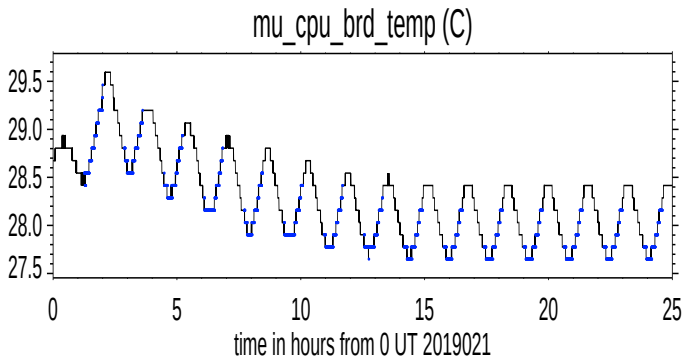
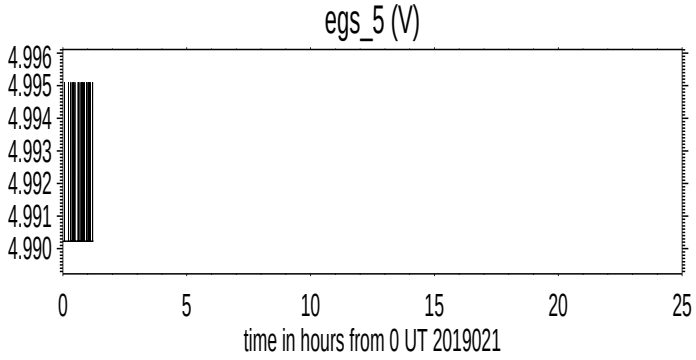
Information for 2019021

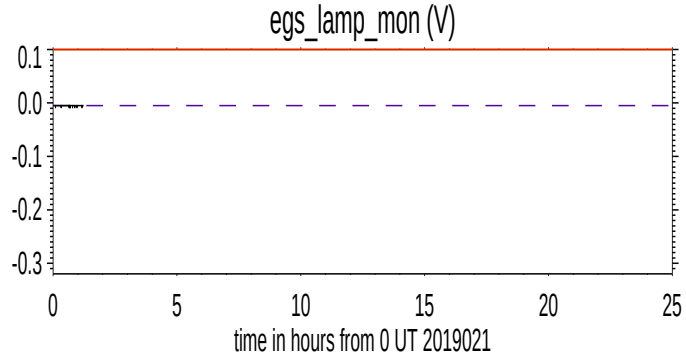
/export/timed/data/science_dp/tlm_limit/outoflimit_2019021_012.txt
Wed Feb 20 06:14:09 2019 1

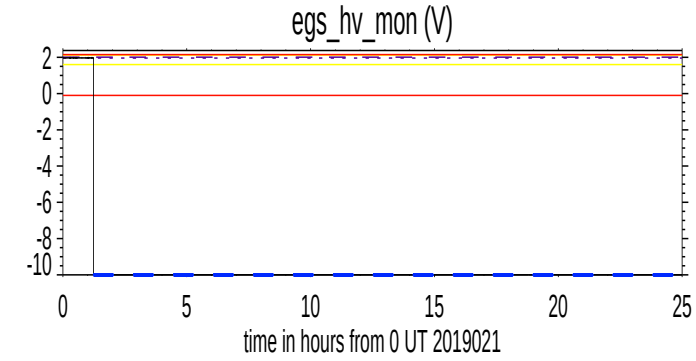
```
RL  OutOfLimit 1232068479 1232154013 hk.egs_hv_mon
RH  OutOfLimit 1232068479 1232071164 reached timeout limit for ODC 148
RH  OutOfLimit 1232074288 1232076973 reached timeout limit for ODC 149
RH  OutOfLimit 1232080096 1232082796 reached timeout limit for ODC 150
RH  OutOfLimit 1232085922 1232088607 reached timeout limit for ODC 151
RH  OutOfLimit 1232091730 1232094415 reached timeout limit for ODC 152
RH  OutOfLimit 1232097538 1232100223 reached timeout limit for ODC 153
RH  OutOfLimit 1232103346 1232106031 reached timeout limit for ODC 154
RH  OutOfLimit 1232109154 1232111839 reached timeout limit for ODC 155
RH  OutOfLimit 1232114962 1232117647 reached timeout limit for ODC 156
RH  OutOfLimit 1232120770 1232123455 reached timeout limit for ODC 157
RH  OutOfLimit 1232126578 1232129263 reached timeout limit for ODC 158
RH  OutOfLimit 1232132386 1232135071 reached timeout limit for ODC 159
RH  OutOfLimit 1232138194 1232140879 reached timeout limit for ODC 160
RH  OutOfLimit 1232144002 1232146687 reached timeout limit for ODC 161
RH  OutOfLimit 1232149810 1232152495 reached timeout limit for ODC 162
```

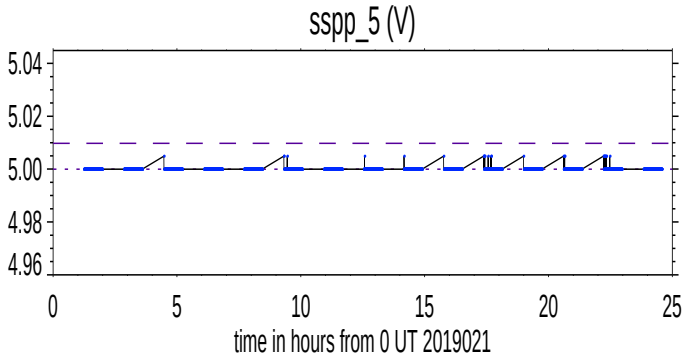

mu_5 (V)
5.05
5.00
4.95
0
5
10
15
20
25
time in hours from 0 UT 2019021

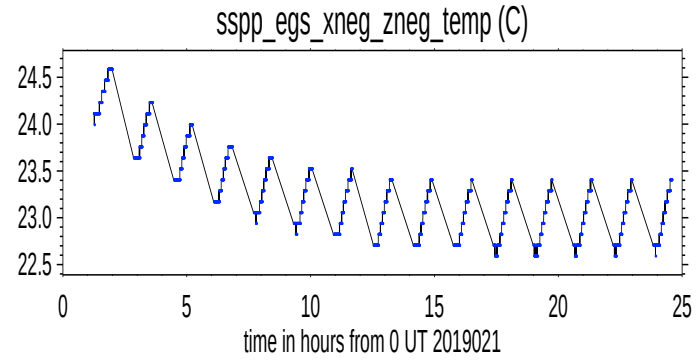

mu_cpu_brd_temp (C)
29.5
29.0
28.5
28.0
27.5
0
5
10
15
20
25
time in hours from 0 UT 2019021

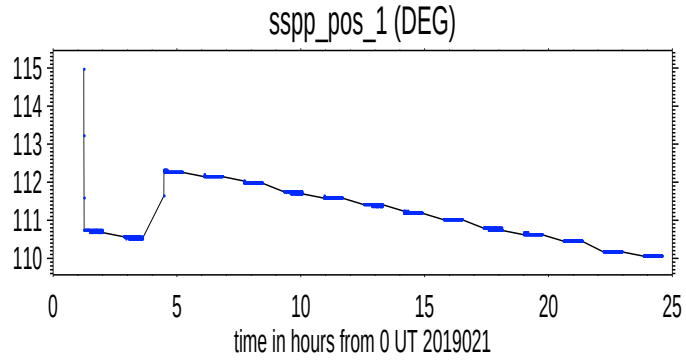

egs_5 (V)
4.996
4.995
4.994
4.993
4.992
4.991
4.990
0
5
10
15
20
25
time in hours from 0 UT 2019021

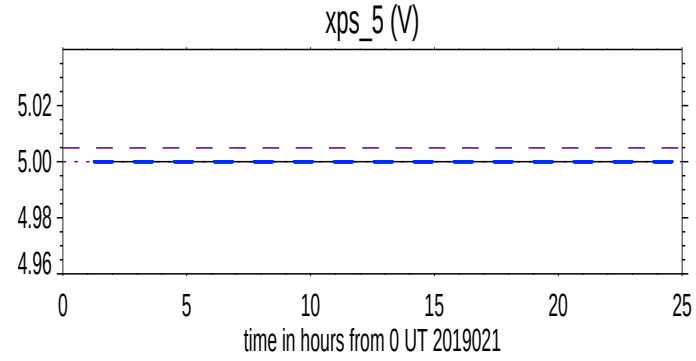

egs_lamp_mon (V)
0.1
0.0
-0.1
-0.2
-0.3
0
5
10
15
20
25
time in hours from 0 UT 2019021

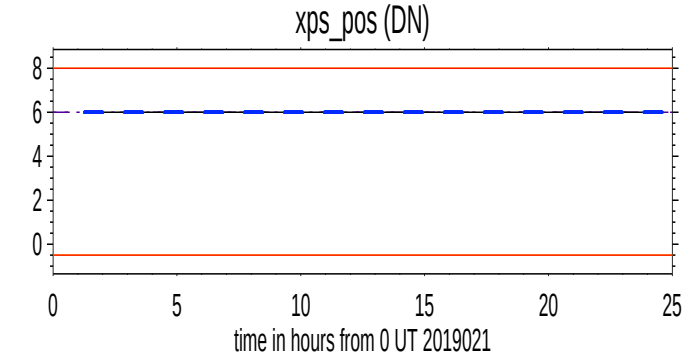

egs_hv_mon (V)
2
0
-2
-4
-6
-8
-10
0
5
10
15
20
25
time in hours from 0 UT 2019021

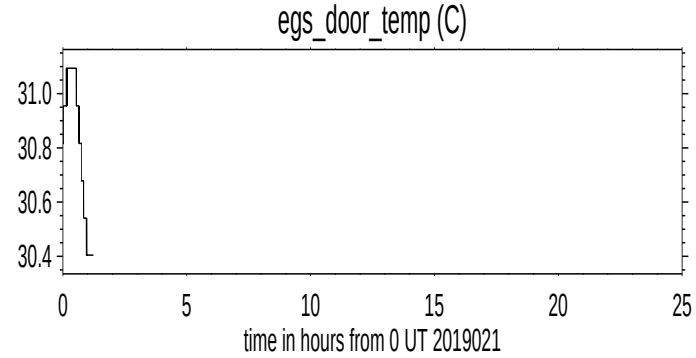

sspp_5 (V)
5.04
5.02
5.00
4.98
4.96
0
5
10
15
20
25
time in hours from 0 UT 2019021

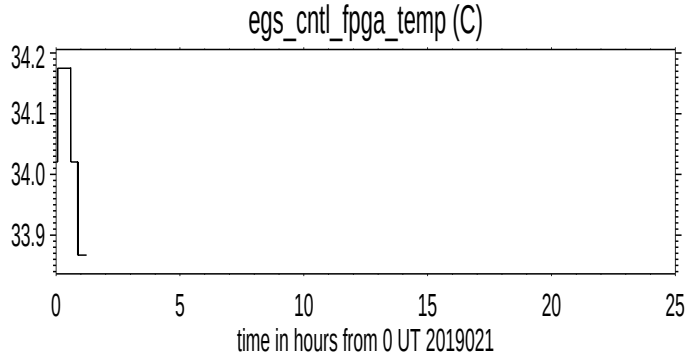

sspp_egs_xneg_zneg_temp (C)
24.5
24.0
23.5
23.0
22.5
0
5
10
15
20
25
time in hours from 0 UT 2019021

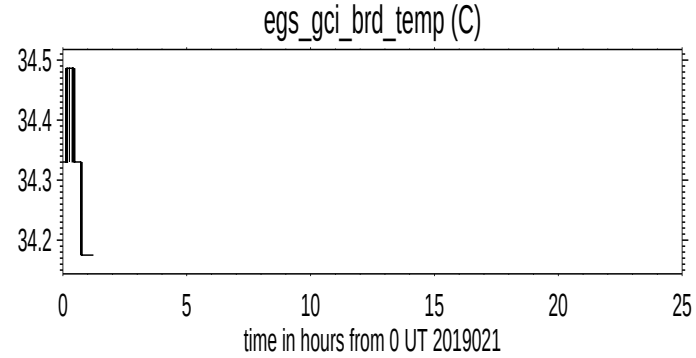

sspp_pos_1 (DEG)
115
114
113
112
111
110
0
5
10
15
20
25
time in hours from 0 UT 2019021

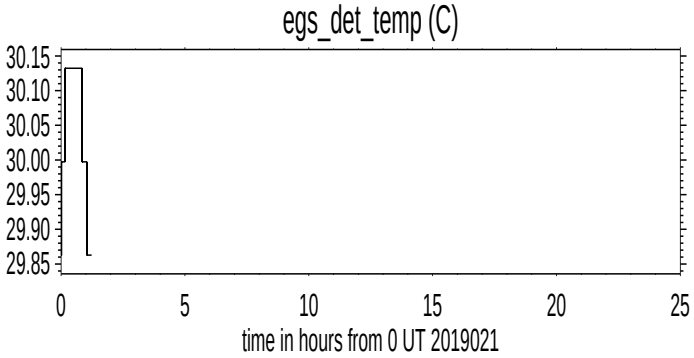

xps_5 (V)
5.02
5.00
4.98
4.96
0
5
10
15
20
25
time in hours from 0 UT 2019021

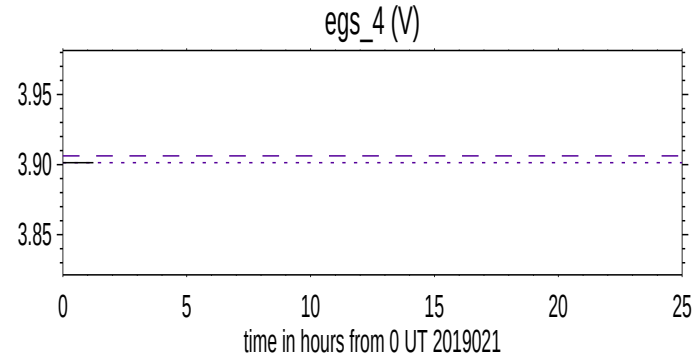

xps_pos (DN)
8
6
4
2
0
0
5
10
15
20
25
time in hours from 0 UT 2019021

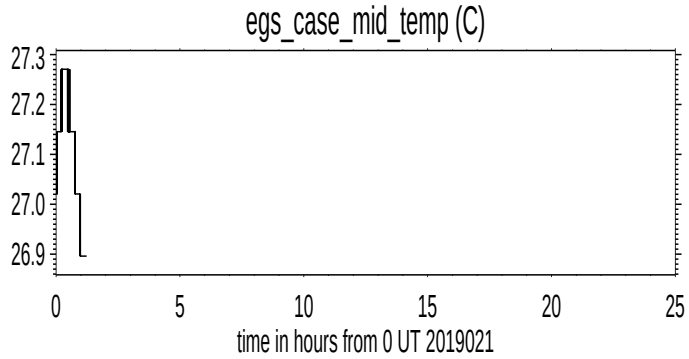

egs_door_temp (C)
31.0
30.8
30.6
30.4
0
5
10
15
20
25
time in hours from 0 UT 2019021

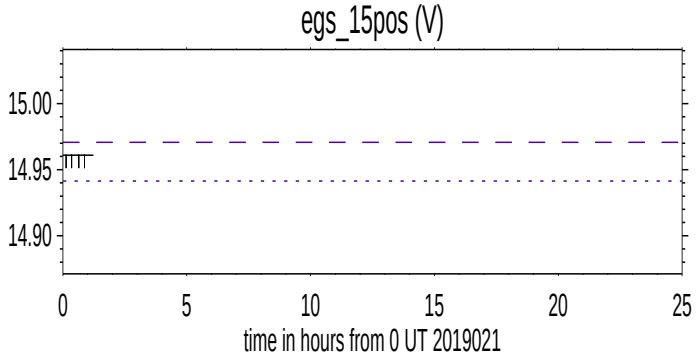

egs_cntl_fpga_temp (C)
34.2
34.1
34.0
33.9
0
5
10
15
20
25
time in hours from 0 UT 2019021

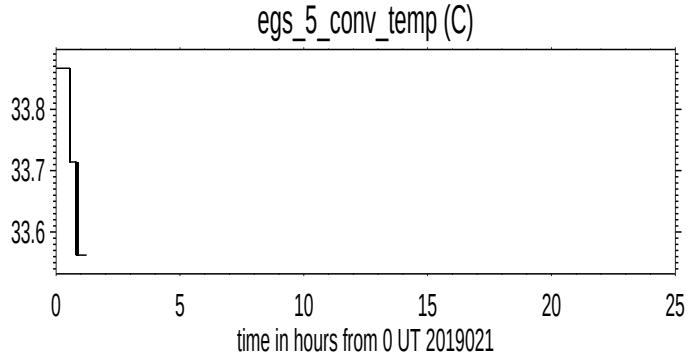

egs_gci_brd_temp (C)
34.5
34.4
34.3
34.2
0
5
10
15
20
25
time in hours from 0 UT 2019021

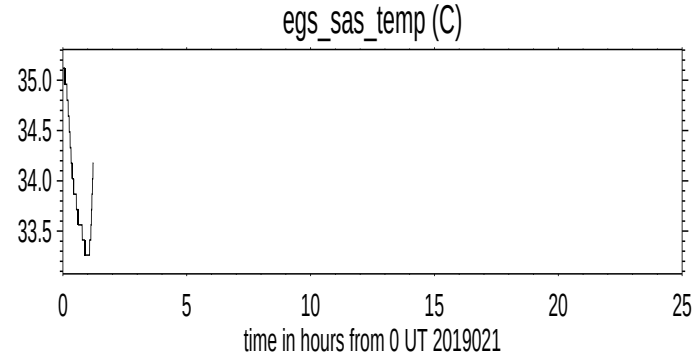

egs_det_temp (C)
30.15
30.10
30.05
30.00
29.95
29.90
29.85
0
5
10
15
20
25
time in hours from 0 UT 2019021

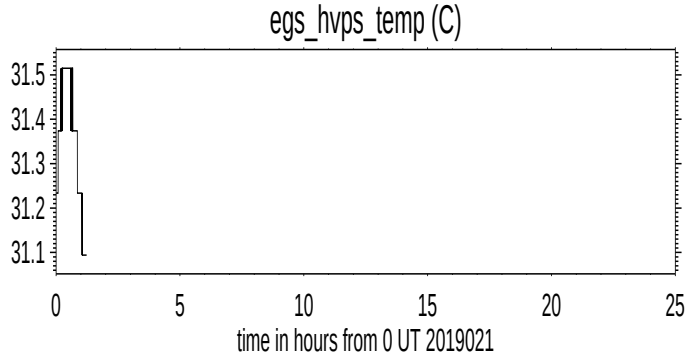

egs_4 (V)
3.95
3.90
3.85
0
5
10
15
20
25
time in hours from 0 UT 2019021

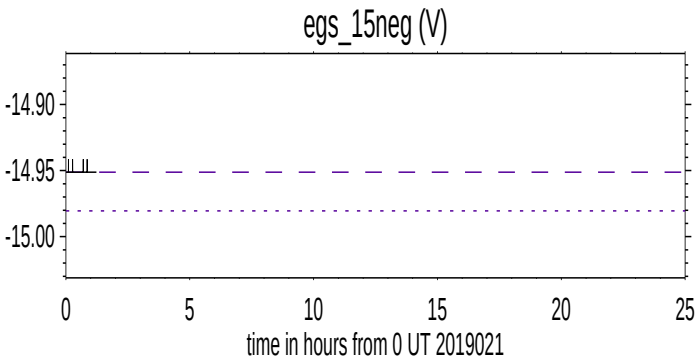

egs_case_mid_temp (C)
27.3
27.2
27.1
27.0
26.9
0
5
10
15
20
25
time in hours from 0 UT 2019021

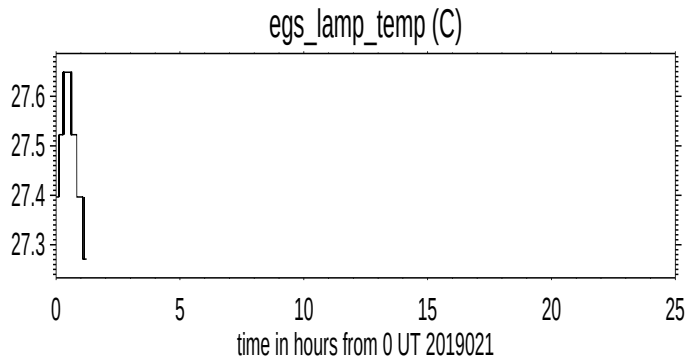

egs_15pos (V)
15.00
14.95
14.90
0
5
10
15
20
25
time in hours from 0 UT 2019021

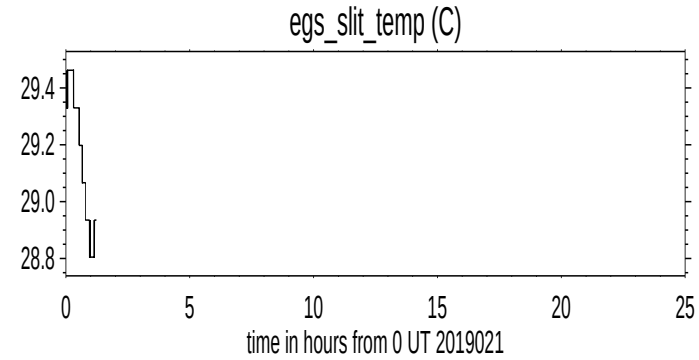

egs_5_conv_temp (C)
33.8
33.7
33.6
0
5
10
15
20
25
time in hours from 0 UT 2019021

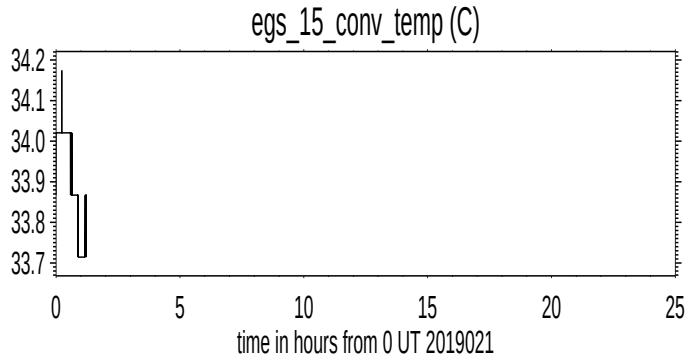

egs_sas_temp (C)
35.0
34.5
34.0
33.5
0
5
10
15
20
25
time in hours from 0 UT 2019021

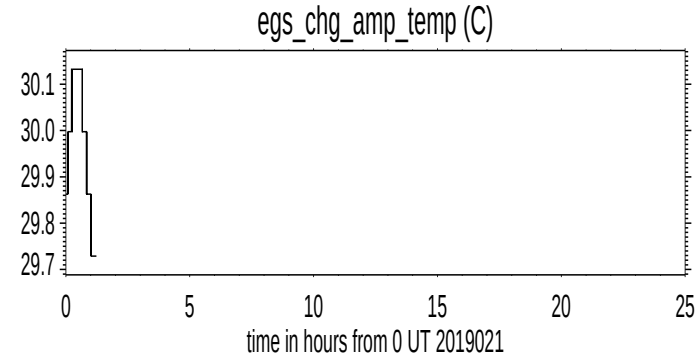

egs_hvps_temp (C)
31.5
31.4
31.3
31.2
31.1
0
5
10
15
20
25
time in hours from 0 UT 2019021

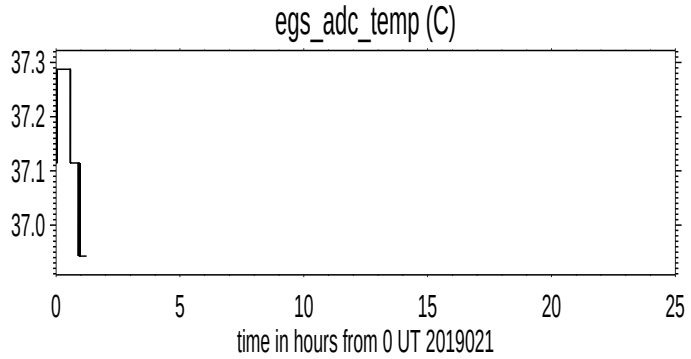

egs_15neg (V)
-14.90
-14.95
-15.00
0
5
10
15
20
25
time in hours from 0 UT 2019021

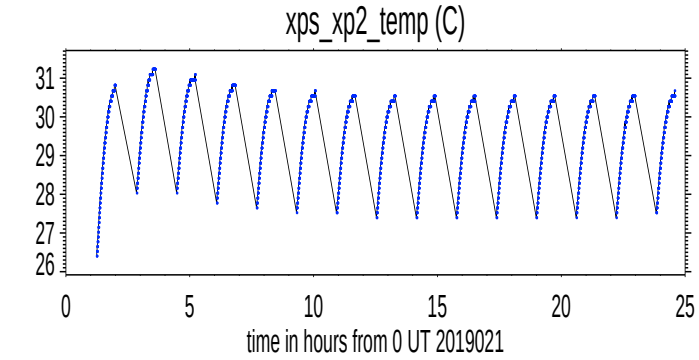

egs_lamp_temp (C)
27.6
27.5
27.4
27.3
0
5
10
15
20
25
time in hours from 0 UT 2019021

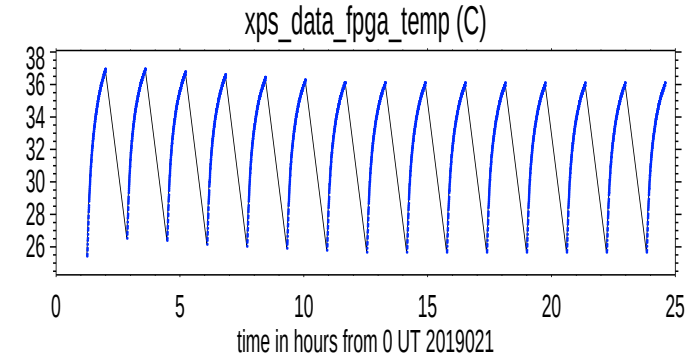

egs_slit_temp (C)
29.4
29.2
29.0
28.8
0
5
10
15
20
25
time in hours from 0 UT 2019021

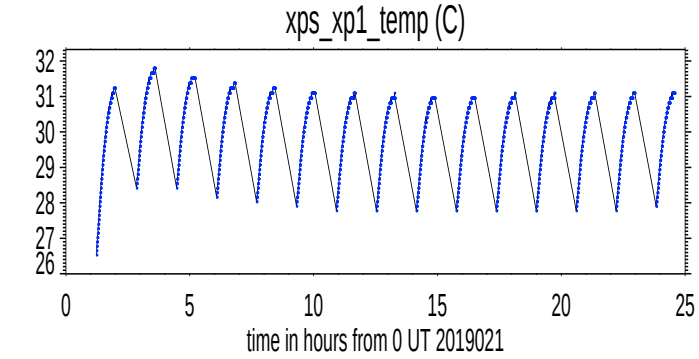

egs_15_conv_temp (C)
34.2
34.1
34.0
33.9
33.8
33.7
0
5
10
15
20
25
time in hours from 0 UT 2019021

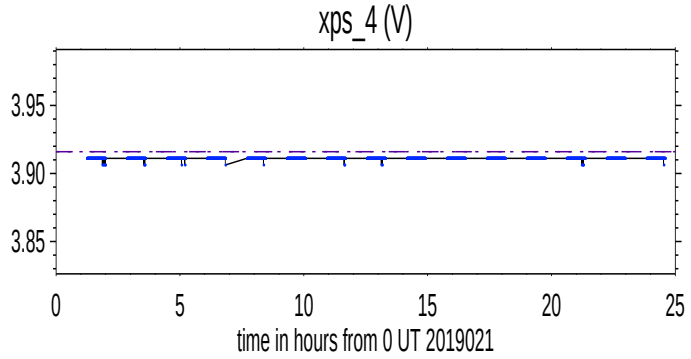

egs_chg_amp_temp (C)
30.1
30.0
29.9
29.8
29.7
0
5
10
15
20
25
time in hours from 0 UT 2019021

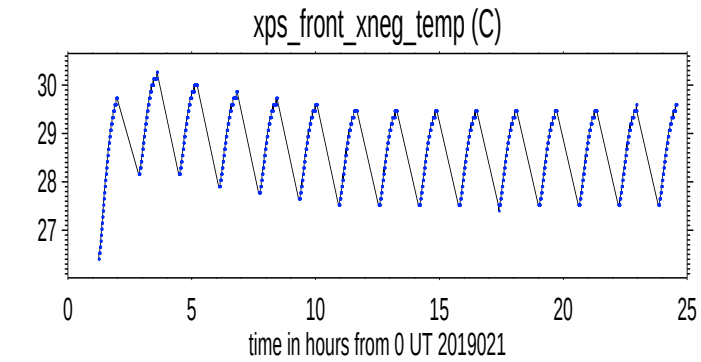

egs_adc_temp (C)
37.3
37.2
37.1
37.0
0
5
10
15
20
25
time in hours from 0 UT 2019021

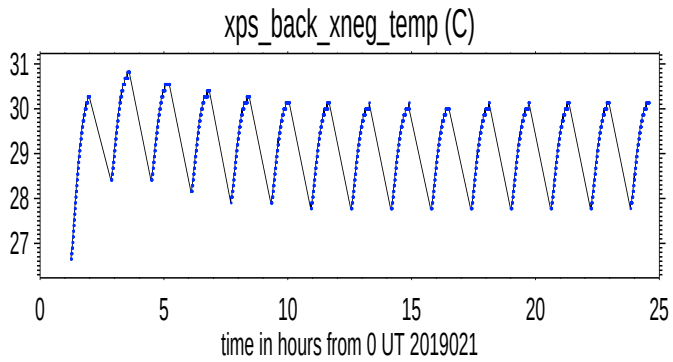

xps_xp2_temp (C)
31
30
29
28
27
26
0
5
10
15
20
25
time in hours from 0 UT 2019021

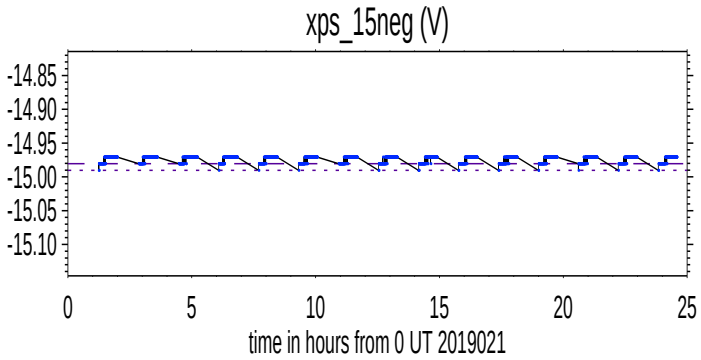

xps_data_fpga_temp (C)
38
36
34
32
30
28
26
0
5
10
15
20
25
time in hours from 0 UT 2019021

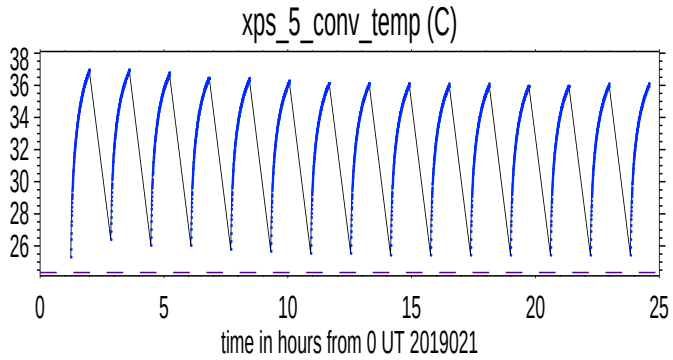

xps_xp1_temp (C)
32
31
30
29
28
27
26
0
5
10
15
20
25
time in hours from 0 UT 2019021

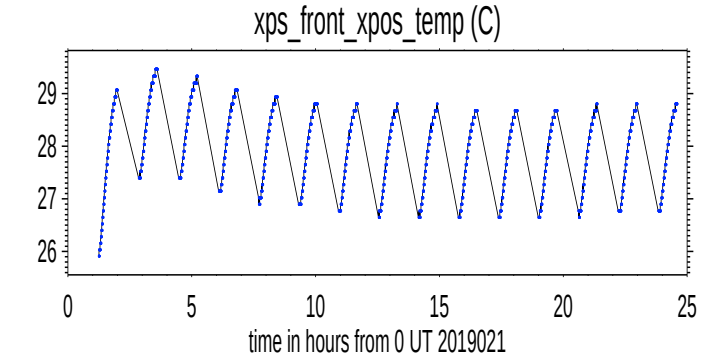

xps_4 (V)
3.95
3.90
3.85
0
5
10
15
20
25
time in hours from 0 UT 2019021

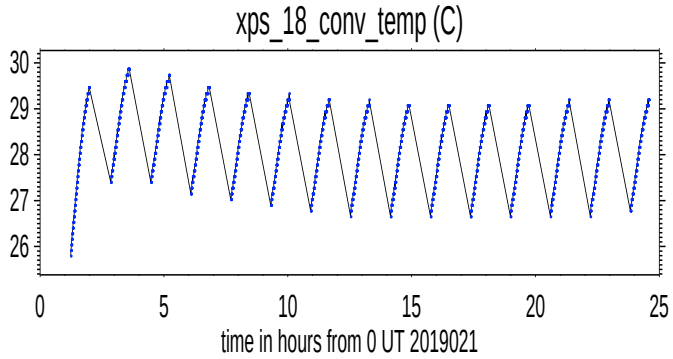

xps_front_xneg_temp (C)
30
29
28
27
0
5
10
15
20
25
time in hours from 0 UT 2019021

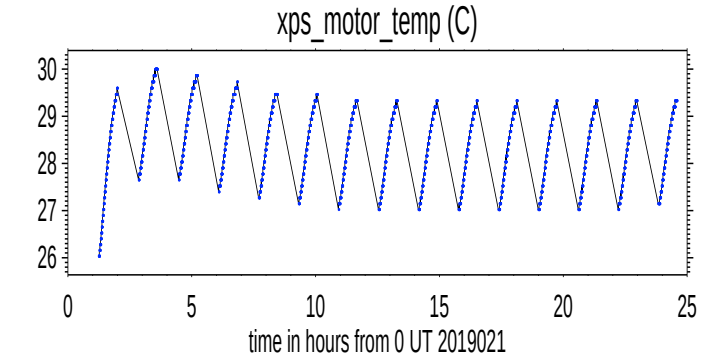

xps_back_xneg_temp (C)
31
30
29
28
27
0
5
10
15
20
25
time in hours from 0 UT 2019021

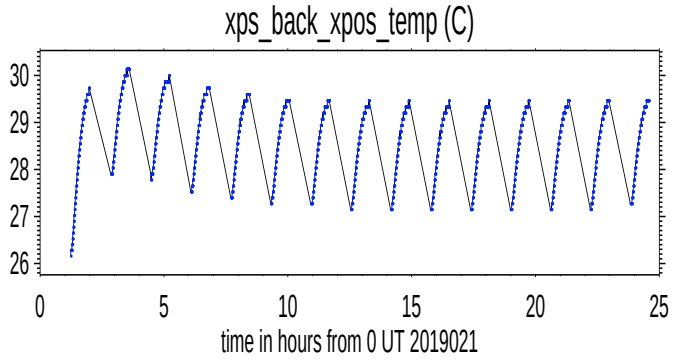

xps_15neg (V)
-14.85
-14.90
-14.95
-15.00
-15.05
-15.10
0
5
10
15
20
25
time in hours from 0 UT 2019021

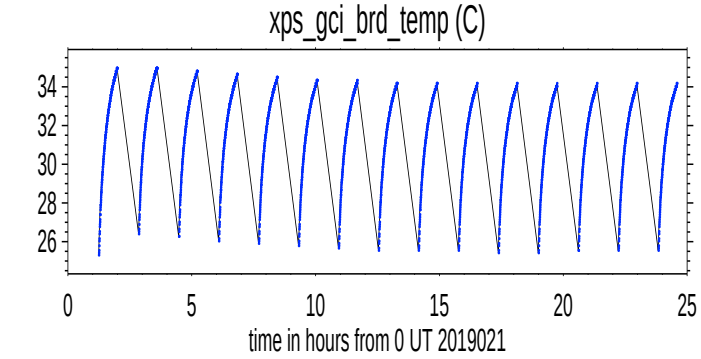

xps_5_conv_temp (C)
38
36
34
32
30
28
26
0
5
10
15
20
25
time in hours from 0 UT 2019021

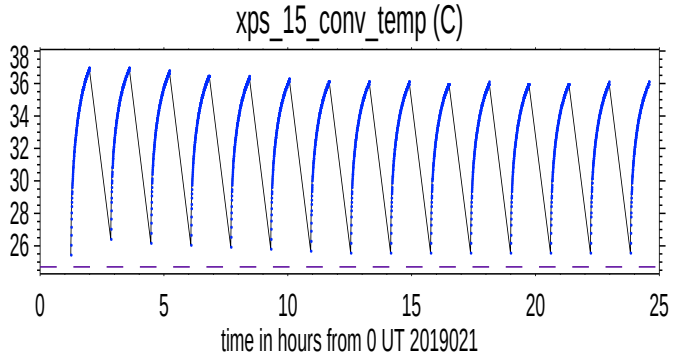

xps_front_xpos_temp (C)
29
28
27
26
0
5
10
15
20
25
time in hours from 0 UT 2019021

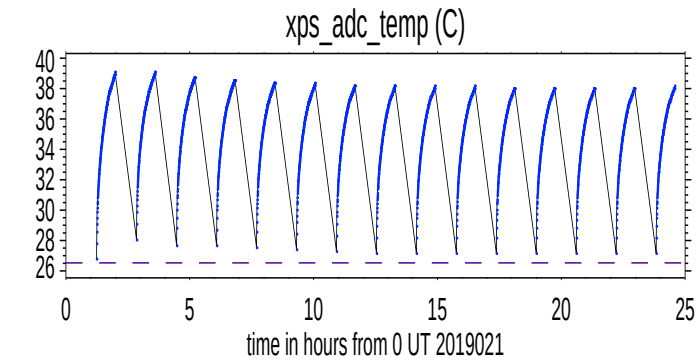

xps_18_conv_temp (C)
30
29
28
27
26
0
5
10
15
20
25
time in hours from 0 UT 2019021

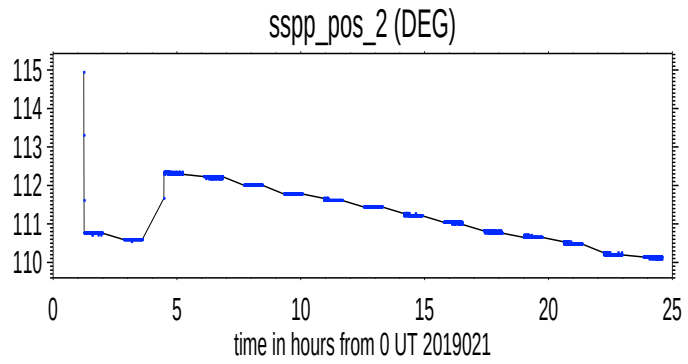

xps_motor_temp (C)
30
29
28
27
26
0
5
10
15
20
25
time in hours from 0 UT 2019021

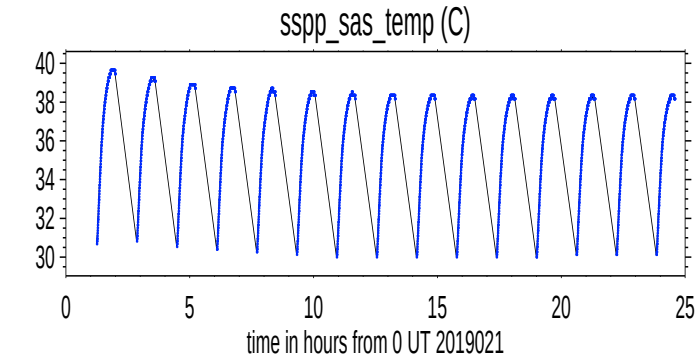

xps_back_xpos_temp (C)
30
29
28
27
26
0
5
10
15
20
25
time in hours from 0 UT 2019021

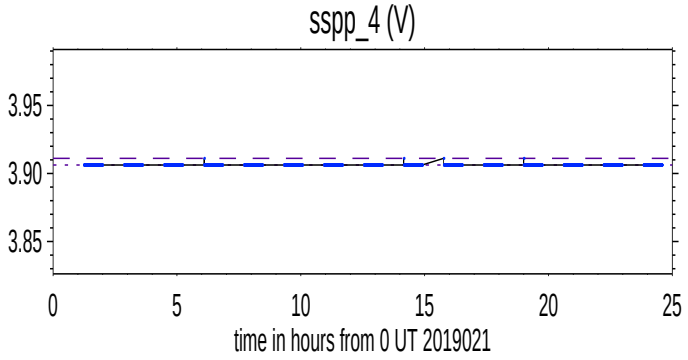

xps_gci_brd_temp (C)
34
32
30
28
26
0
5
10
15
20
25
time in hours from 0 UT 2019021

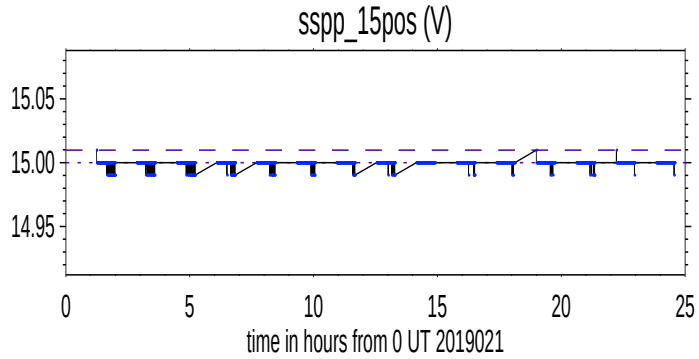

xps_15_conv_temp (C)
38
36
34
32
30
28
26
0
5
10
15
20
25
time in hours from 0 UT 2019021

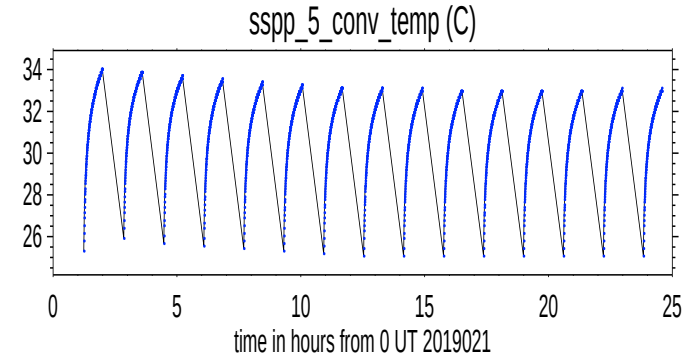

xps_adc_temp (C)
40
38
36
34
32
30
28
26
0
5
10
15
20
25
time in hours from 0 UT 2019021

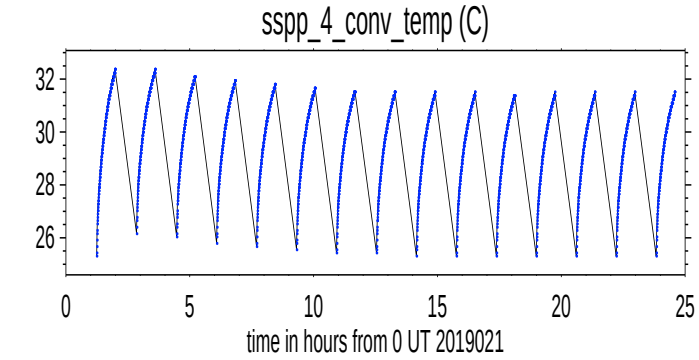

sspp_pos_2 (DEG)
115
114
113
112
111
110
0
5
10
15
20
25
time in hours from 0 UT 2019021

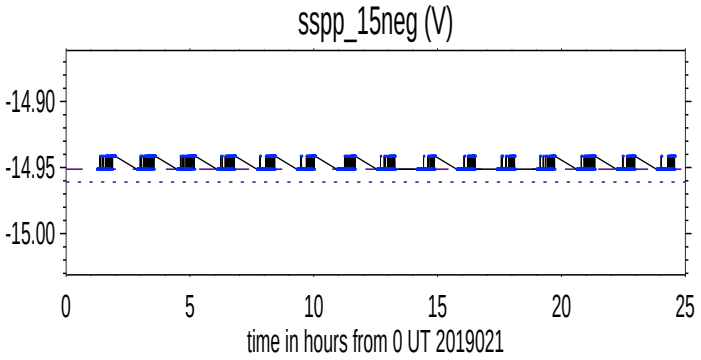

sspp_sas_temp (C)
40
38
36
34
32
30
0
5
10
15
20
25
time in hours from 0 UT 2019021

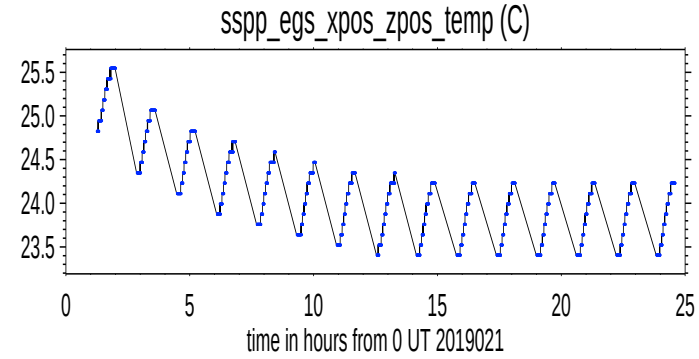

sspp_4 (V)
3.95
3.90
3.85
0
5
10
15
20
25
time in hours from 0 UT 2019021

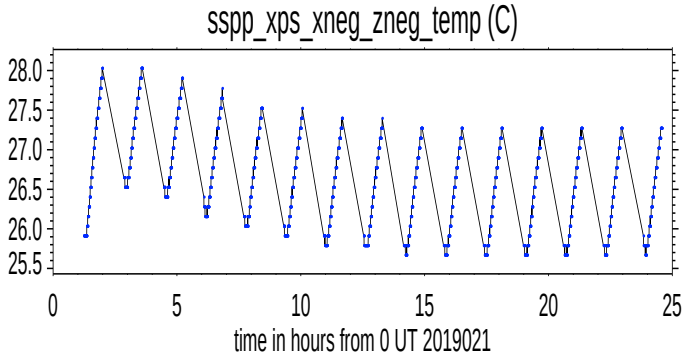

sspp_15pos (V)
15.05
15.00
14.95
0
5
10
15
20
25
time in hours from 0 UT 2019021

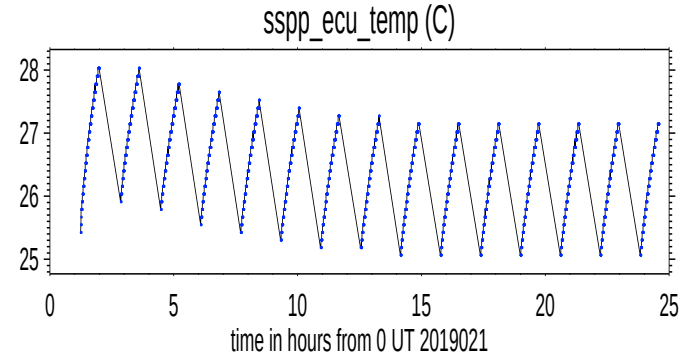

sspp_5_conv_temp (C)
34
32
30
28
26
0
5
10
15
20
25
time in hours from 0 UT 2019021

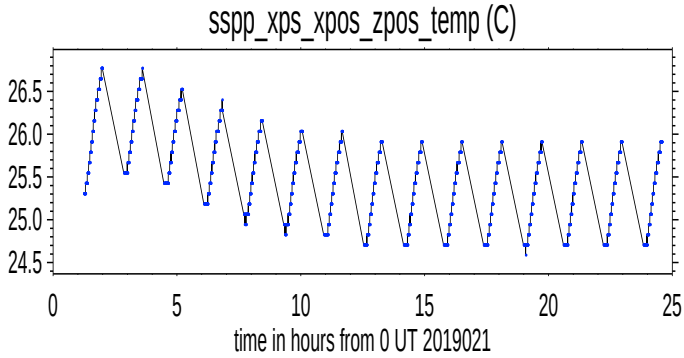

sspp_4_conv_temp (C)
32
30
28
26
0
5
10
15
20
25
time in hours from 0 UT 2019021

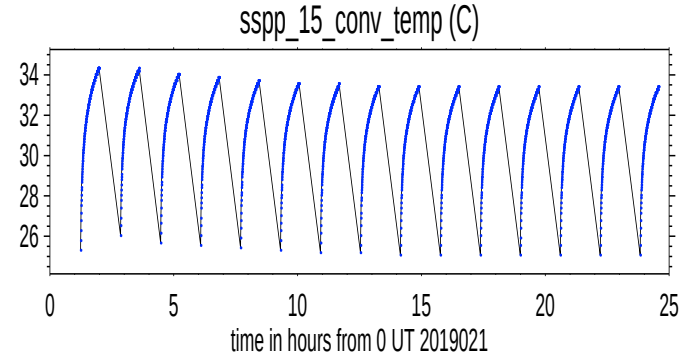

sspp_15neg (V)
-14.90
-14.95
-15.00
0
5
10
15
20
25
time in hours from 0 UT 2019021

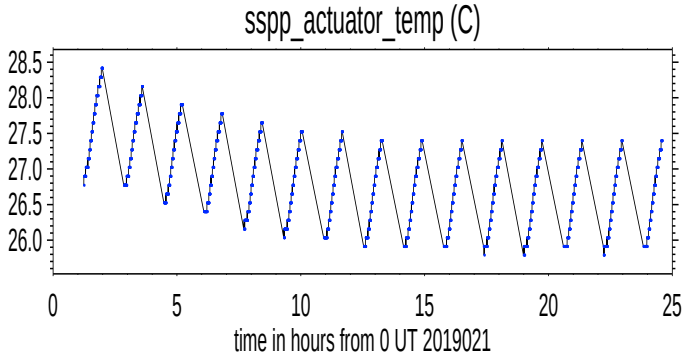

sspp_egs_xpos_zpos_temp (C)
25.5
25.0
24.5
24.0
23.5
0
5
10
15
20
25
time in hours from 0 UT 2019021

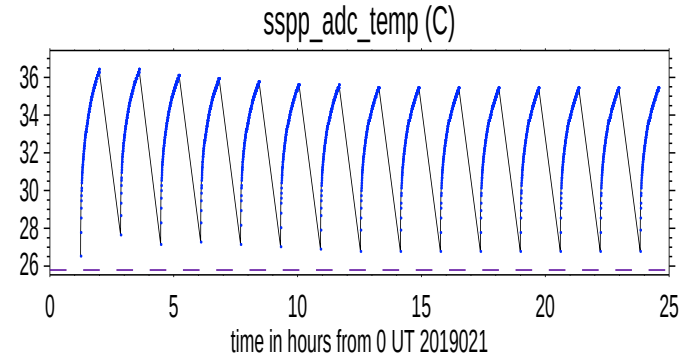

sspp_xps_xneg_zneg_temp (C)
28.0
27.5
27.0
26.5
26.0
25.5
0
5
10
15
20
25
time in hours from 0 UT 2019021

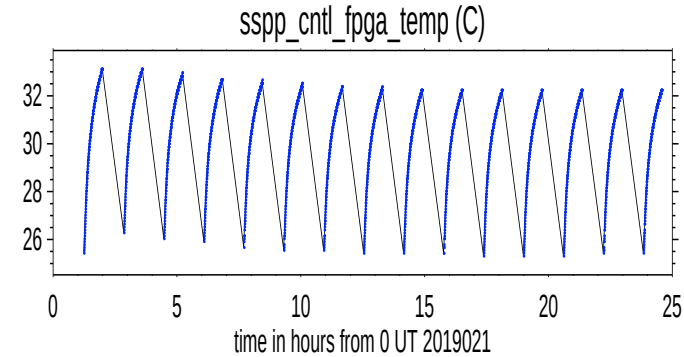

sspp_ecu_temp (C)
28
27
26
25
0
5
10
15
20
25
time in hours from 0 UT 2019021

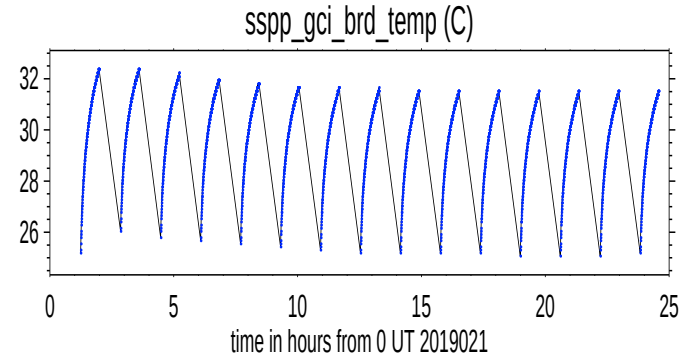

sspp_xps_xpos_zpos_temp (C)
26.5
26.0
25.5
25.0
24.5
0
5
10
15
20
25
time in hours from 0 UT 2019021

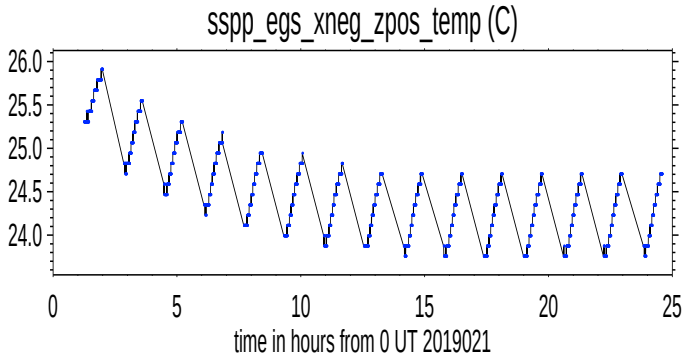

sspp_15_conv_temp (C)
34
32
30
28
26
0
5
10
15
20
25
time in hours from 0 UT 2019021

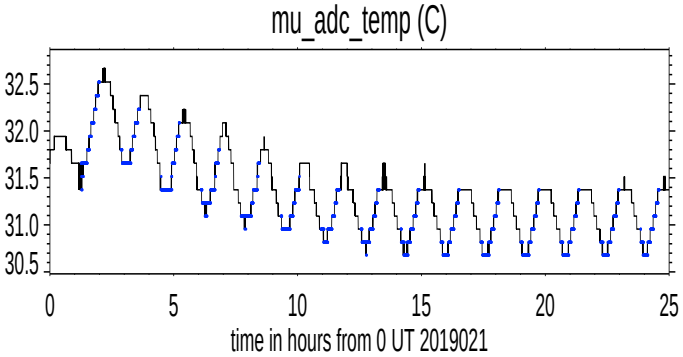

sspp_actuator_temp (C)
28.5
28.0
27.5
27.0
26.5
26.0
0
5
10
15
20
25
time in hours from 0 UT 2019021

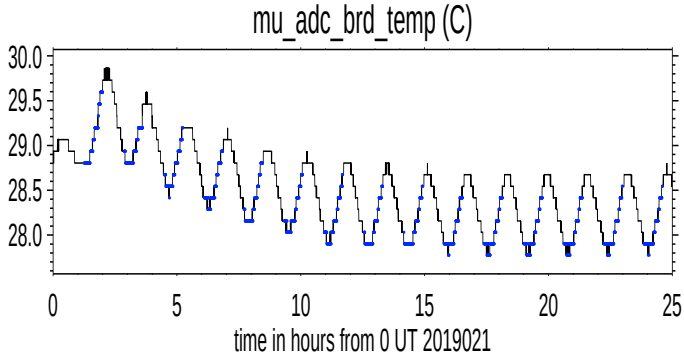

sspp_adc_temp (C)
36
34
32
30
28
26
0
5
10
15
20
25
time in hours from 0 UT 2019021

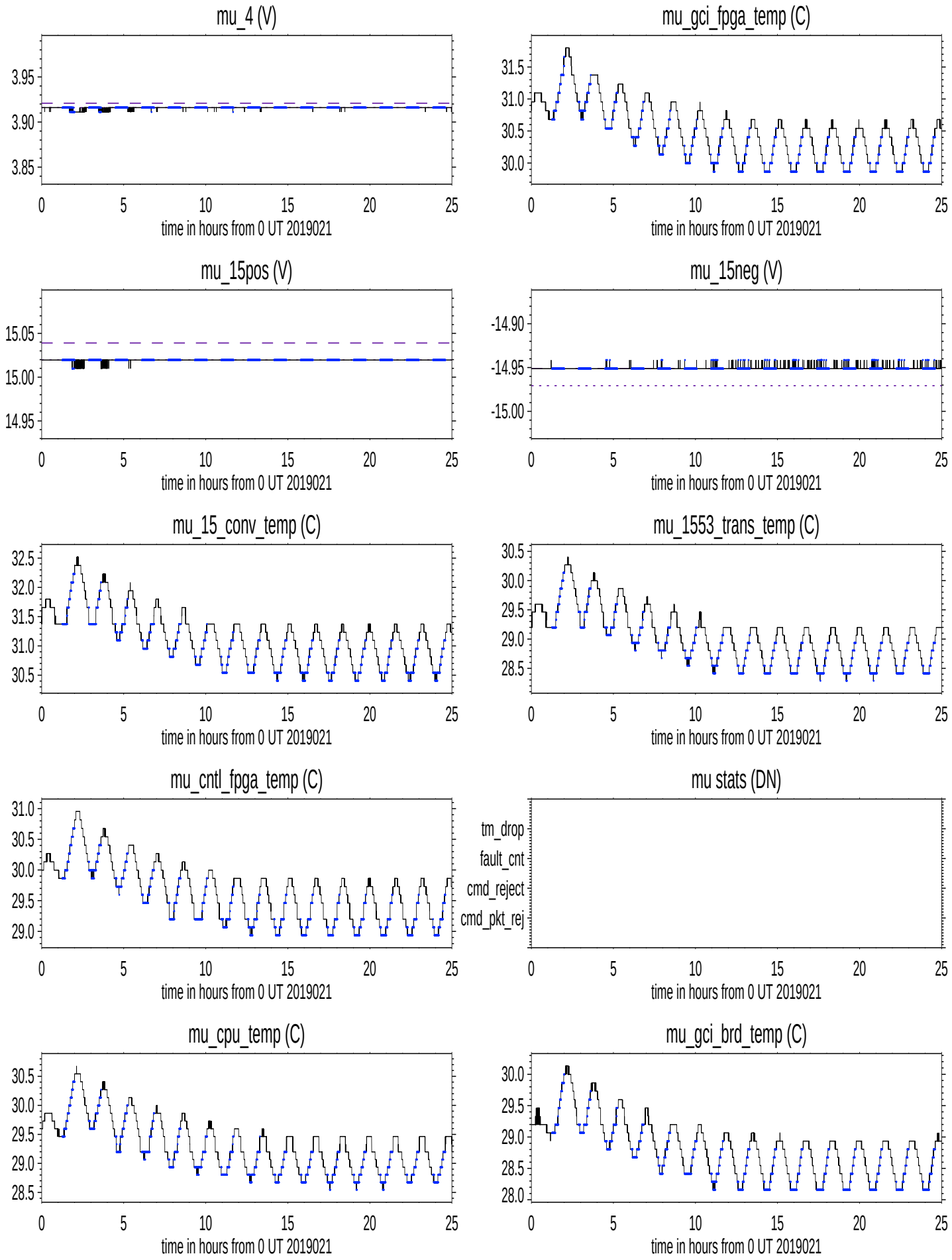

sspp_cntl_fpga_temp (C)
32
30
28
26
0
5
10
15
20
25
time in hours from 0 UT 2019021

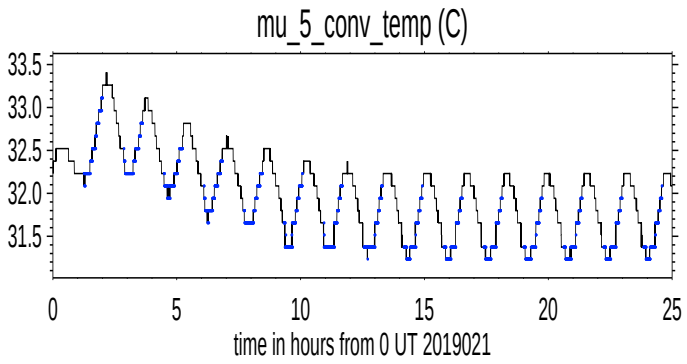

sspp_gci_brd_temp (C)
32
30
28
26
0
5
10
15
20
25
time in hours from 0 UT 2019021

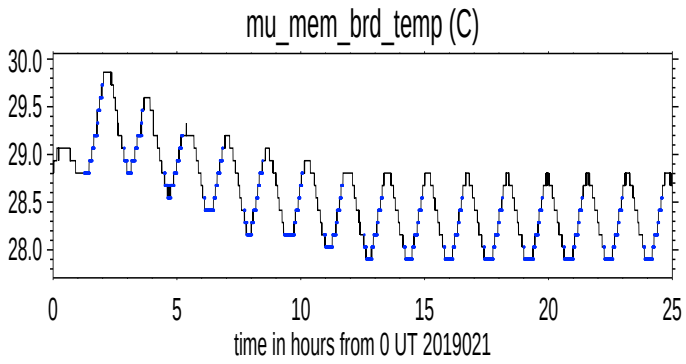

sspp_egs_xneg_zpos_temp (C)
26.0
25.5
25.0
24.5
24.0
0
5
10
15
20
25
time in hours from 0 UT 2019021

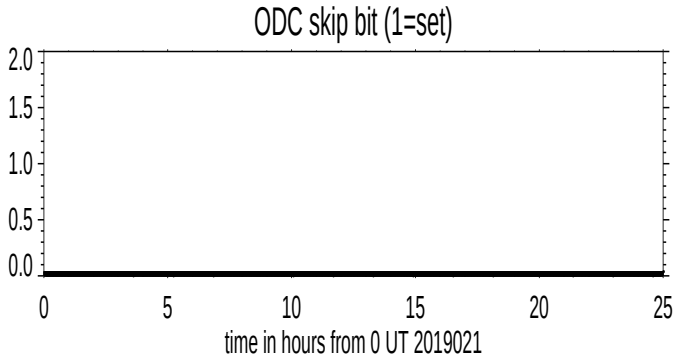

mu_adc_temp (C)
32.5
32.0
31.5
31.0
30.5
0
5
10
15
20
25
time in hours from 0 UT 2019021

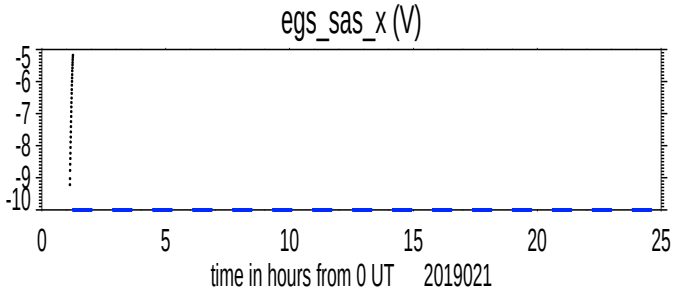

mu_adc_brd_temp (C)
30.0
29.5
29.0
28.5
28.0
0
5
10
15
20
25
time in hours from 0 UT 2019021

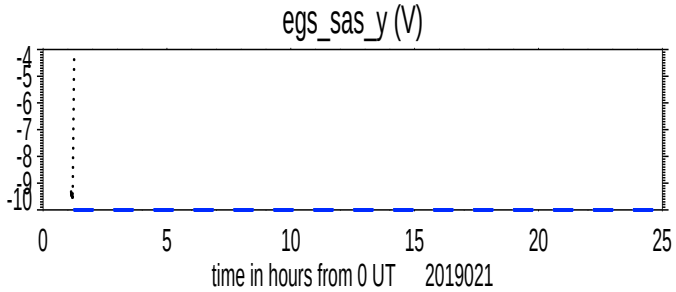

mu_4 (V)
3.95
3.90
3.85
mu_gci_fpga_temp (C)
31.5
31.0
30.5
30.0
mu_15pos (V)
15.05
15.00
14.95
mu_15neg (V)
-14.90
-14.95
-15.00
mu_15_conv_temp (C)
32.5
32.0
31.5
31.0
30.5
mu_1553_trans_temp (C)
30.5
30.0
29.5
29.0
28.5
mu_cntl_fpga_temp (C)
31.0
30.5
30.0
29.5
29.0
mu stats (DN)
tm_drop
fault_cnt
cmd_reject
cmd_pkt_rej
mu_cpu_temp (C)
30.5
30.0
29.5
29.0
28.5
mu_gci_brd_temp (C)
30.0
29.5
29.0
28.5
28.0
0
5
10
15
20
25
time in hours from 0 UT 2019021

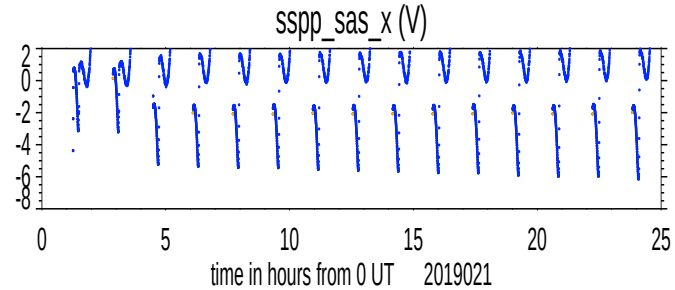

mu_5_conv_temp (C)
33.5
33.0
32.5
32.0
31.5
0
5
10
15
20
25
time in hours from 0 UT 2019021

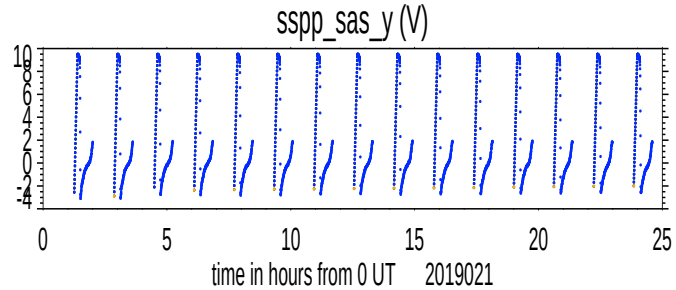

mu_mem_brd_temp (C)
30.0
29.5
29.0
28.5
28.0
0
5
10
15
20
25
time in hours from 0 UT 2019021

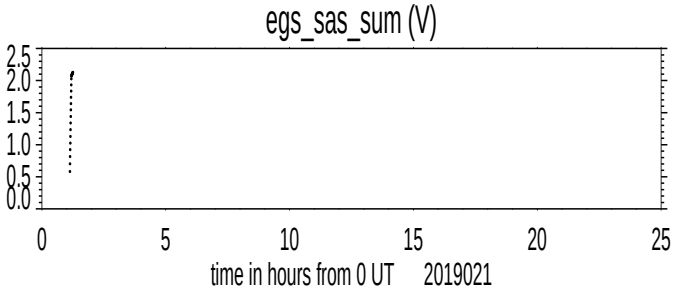

ODC skip bit (1=set)
2.0
1.5
1.0
0.5
0.0
0
5
10
15
20
25
time in hours from 0 UT 2019021

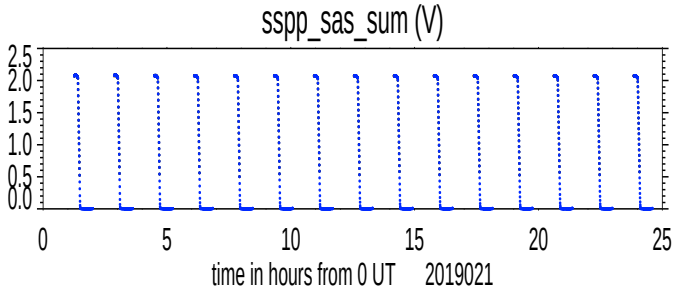

egs_sas_x (V)
time in hours from 0 UT 2019021

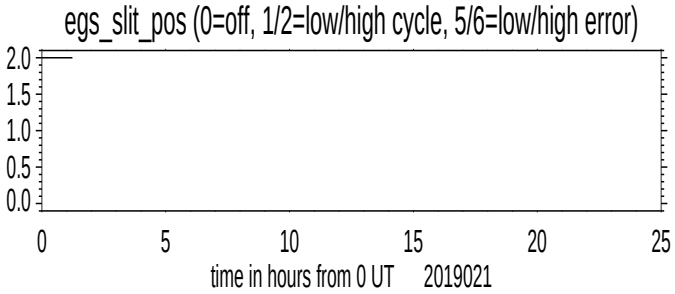

egs_sas_y (V)
time in hours from 0 UT 2019021

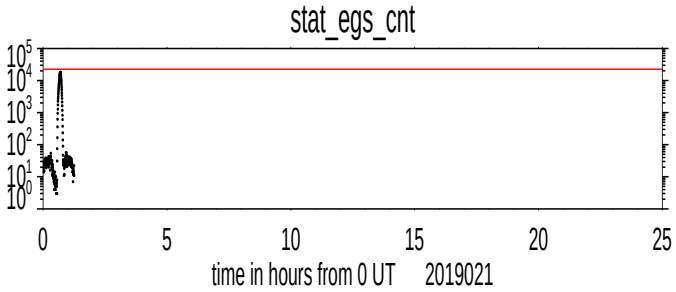

sspp_sas_x (V)
time in hours from 0 UT 2019021

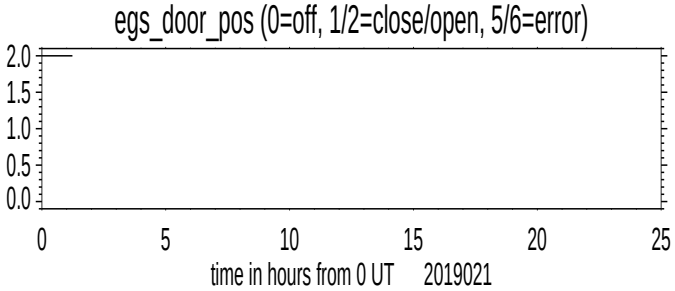

sspp_sas_y (V)
time in hours from 0 UT 2019021

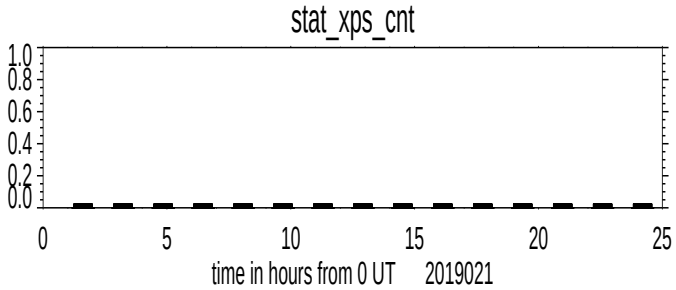

egs_sas_sum (V)
time in hours from 0 UT 2019021

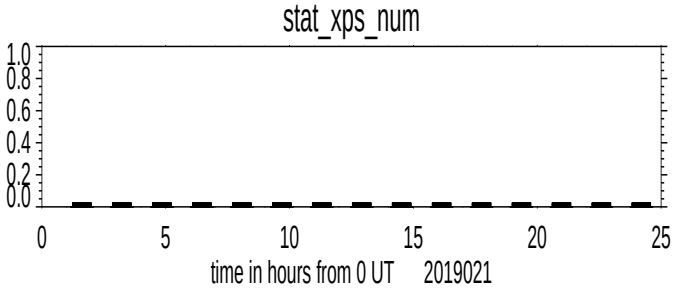

sspp_sas_sum (V)
time in hours from 0 UT 2019021

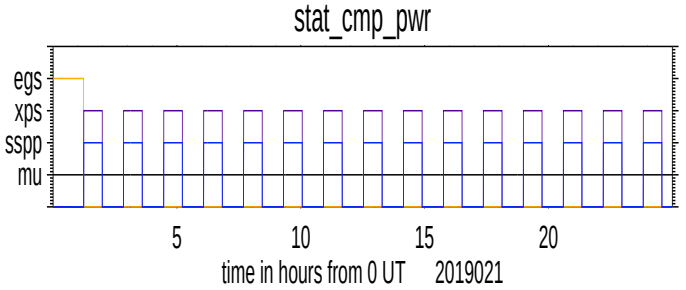

egs_slit_pos (0=off, 1/2=low/high cycle, 5/6=low/high error)
time in hours from 0 UT 2019021


stat_egs_cnt
time in hours from 0 UT 2019021

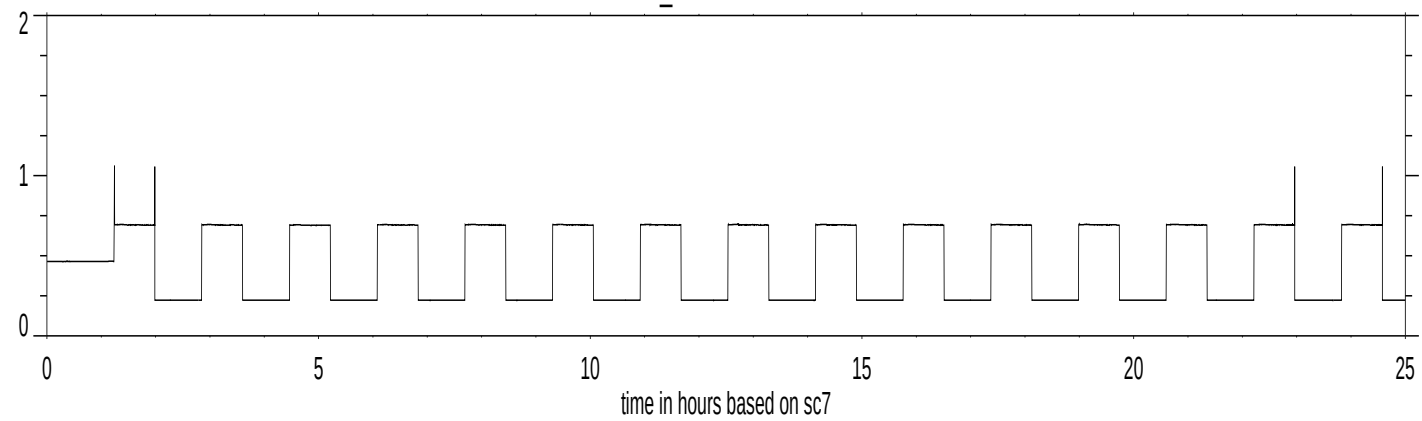

egs_door_pos (0=off, 1/2=close/open, 5/6=error)
time in hours from 0 UT 2019021


stat_xps_cnt
time in hours from 0 UT 2019021

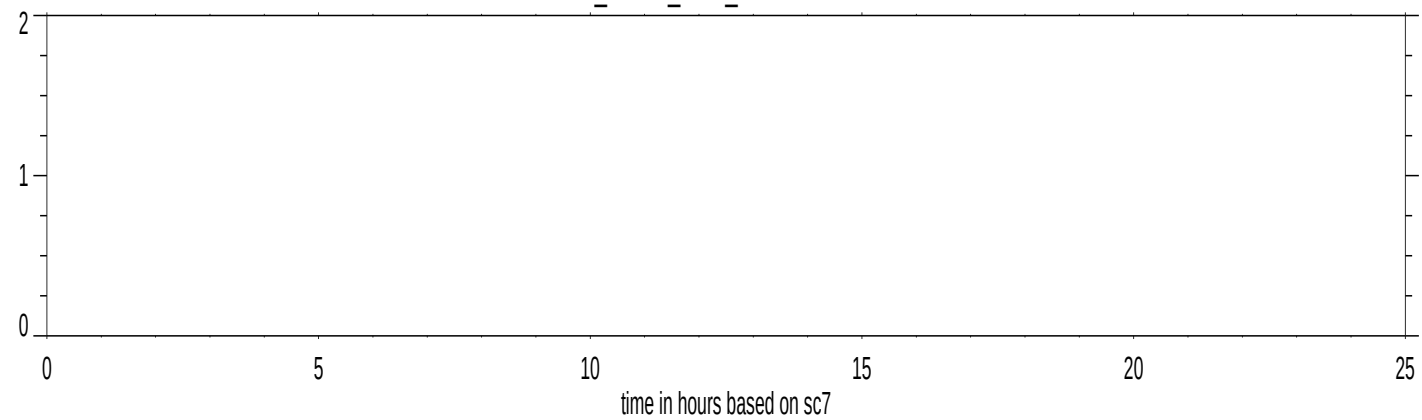

stat_xps_num
time in hours from 0 UT 2019021


stat_cmp_pwr
egs
xps
sspp
mu
time in hours from 0 UT 2019021

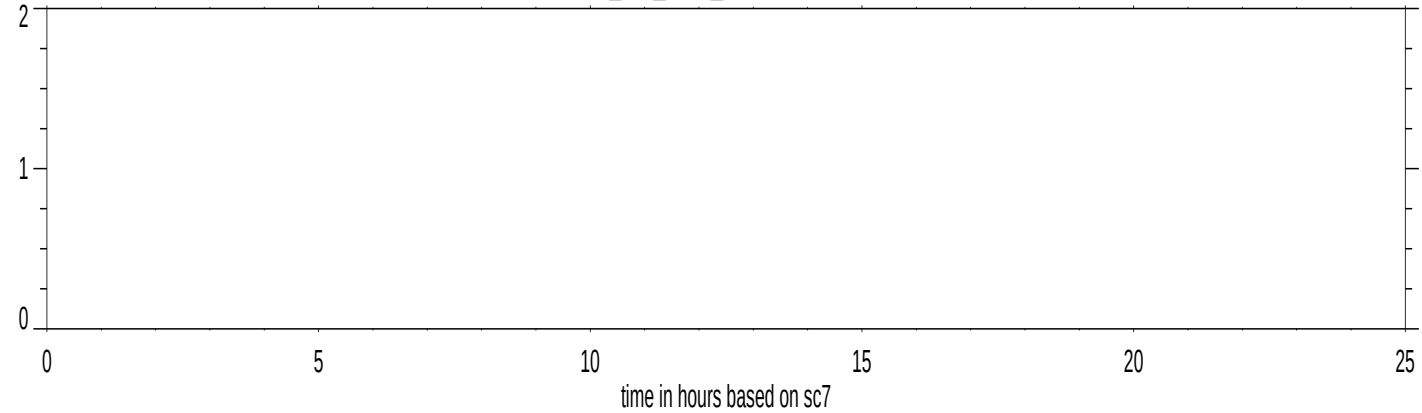
SEE_CUR 2019021



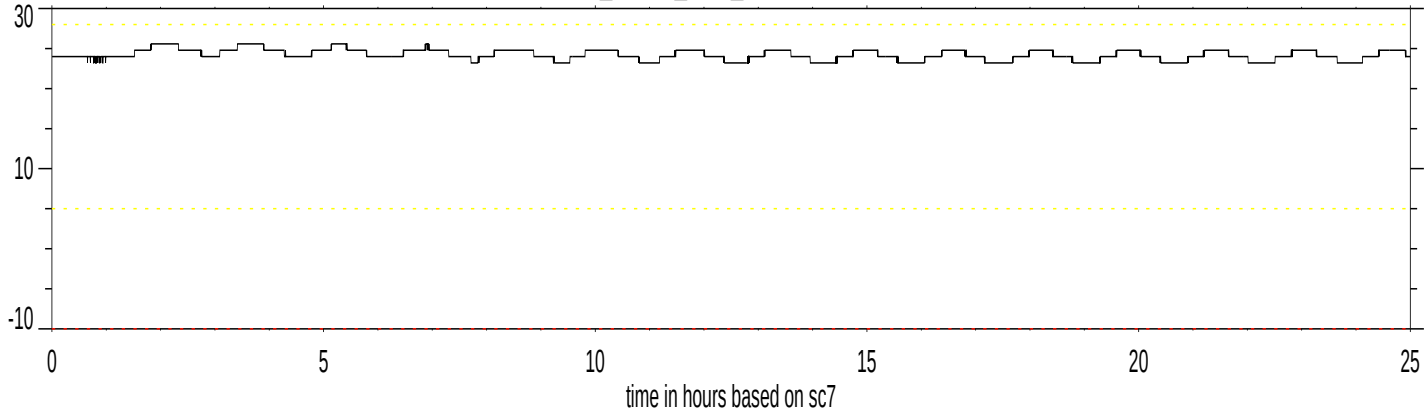
SEE_SURV_HTR_CUR 2019021



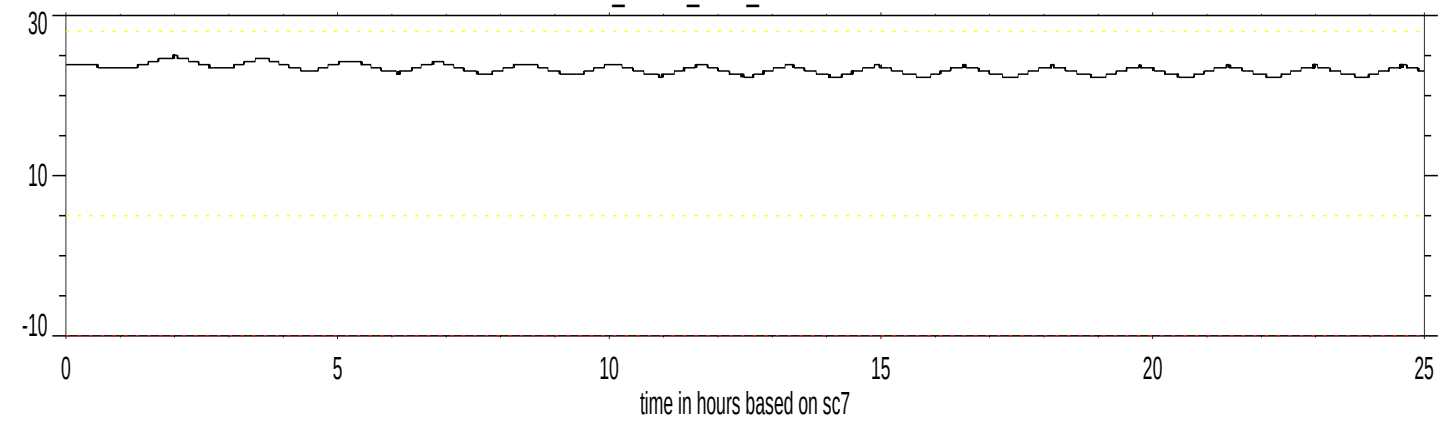
SEE_OP_HTR_CUR 2019021



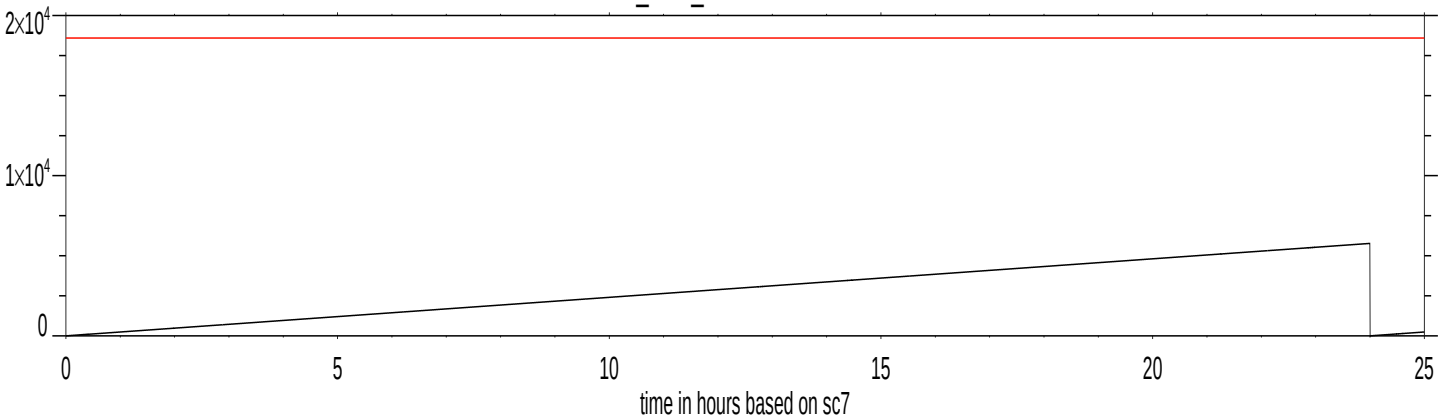
SSPP_BHND_XPS_TEMP 2019021



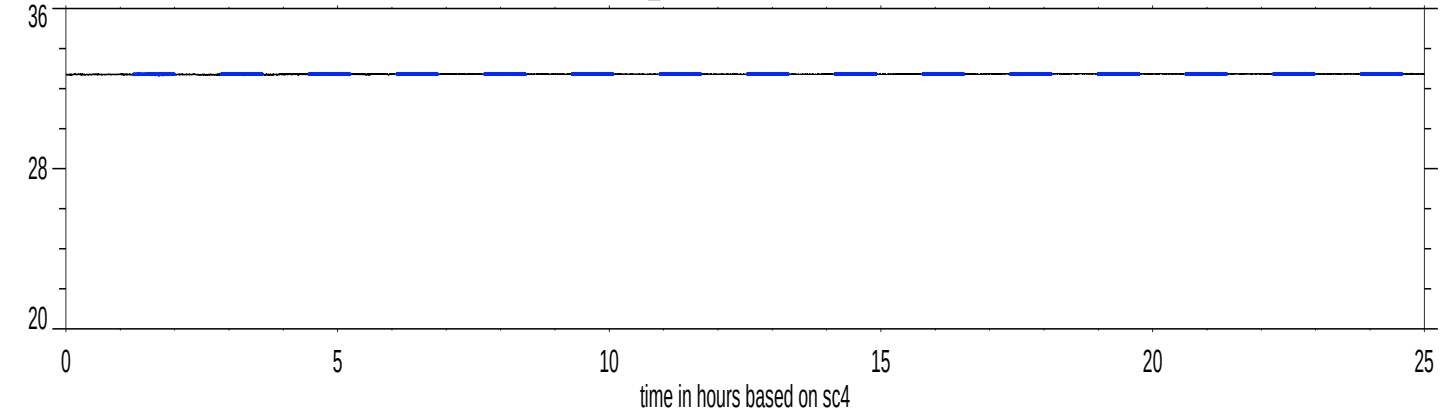
SSPP_BHND_MTR_TEMP 2019021



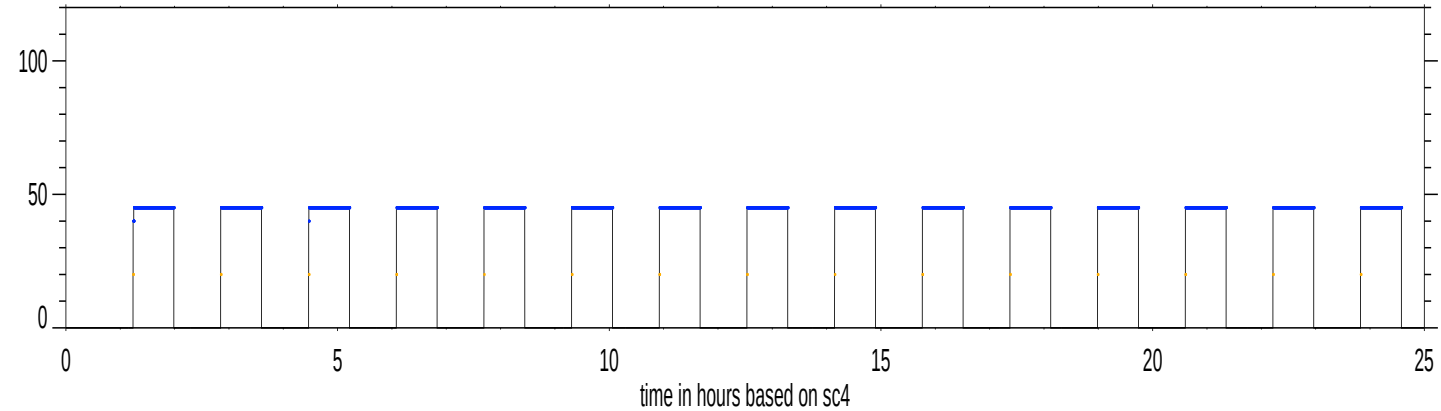
SEE_PKT_COUNT 2019021

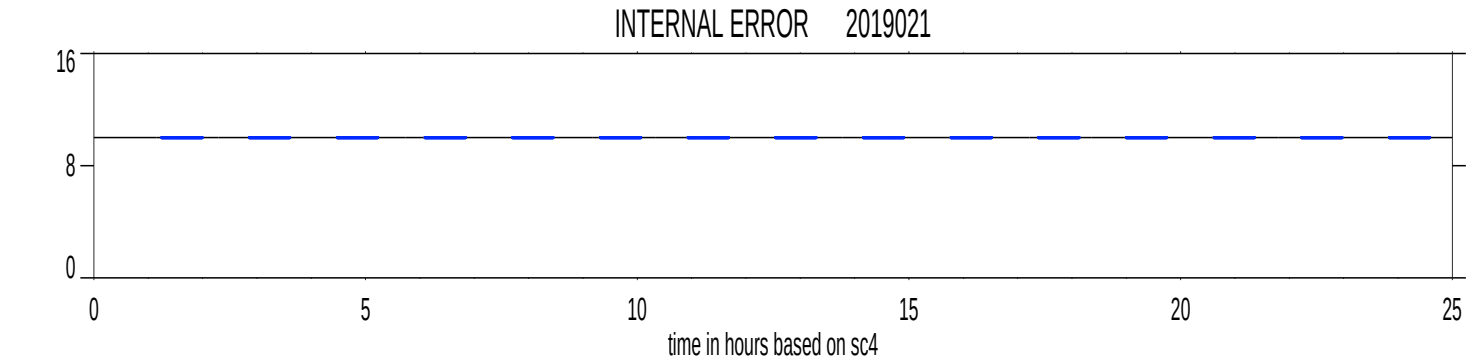


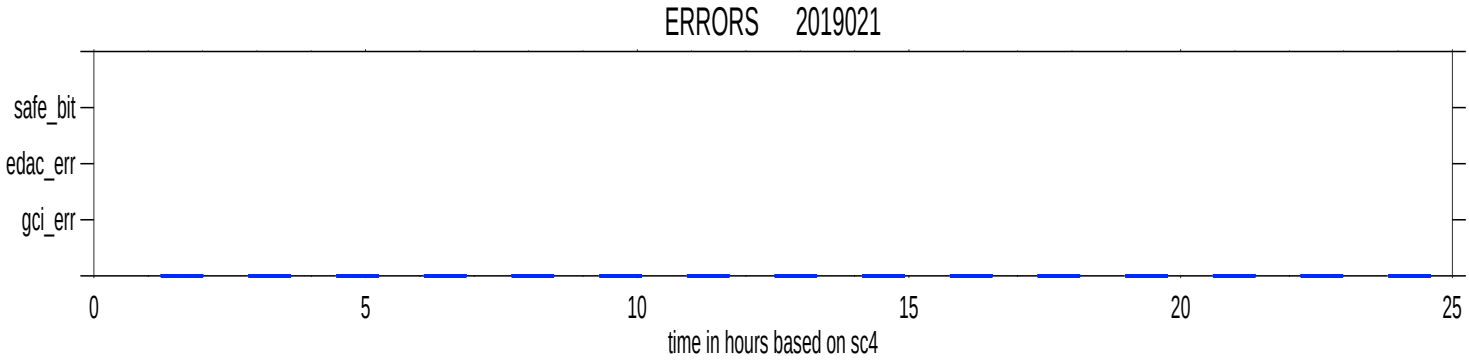
BUS_VOLTAGE 2019021

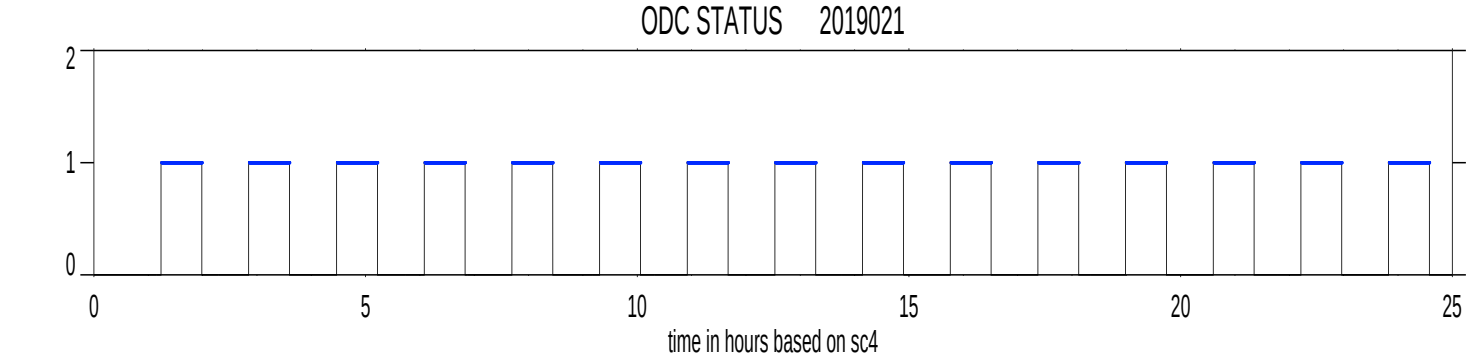


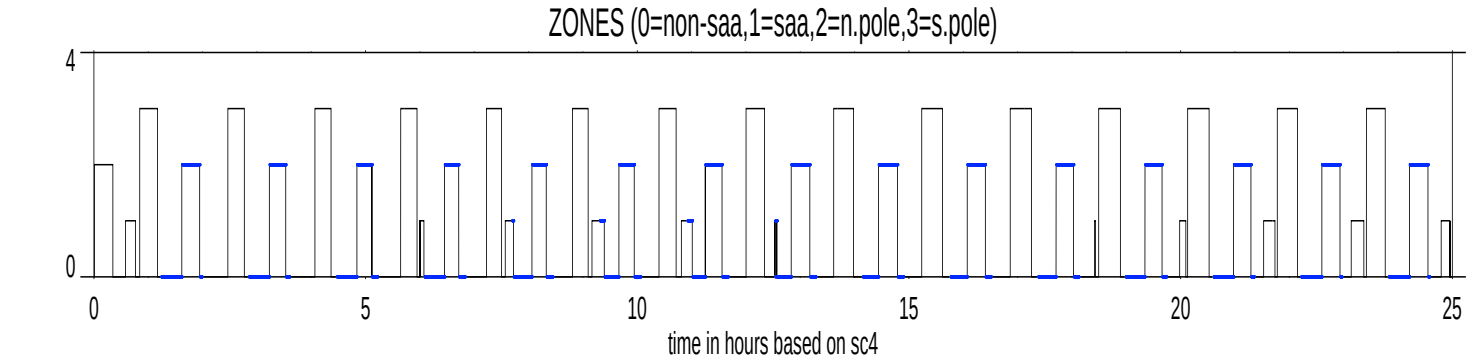
SEE_MU Operational Mode 2019021

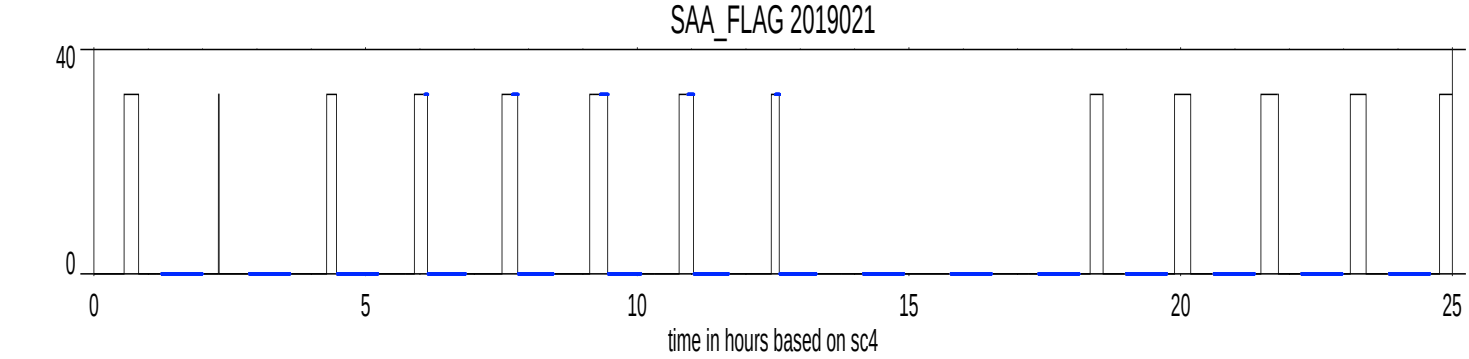


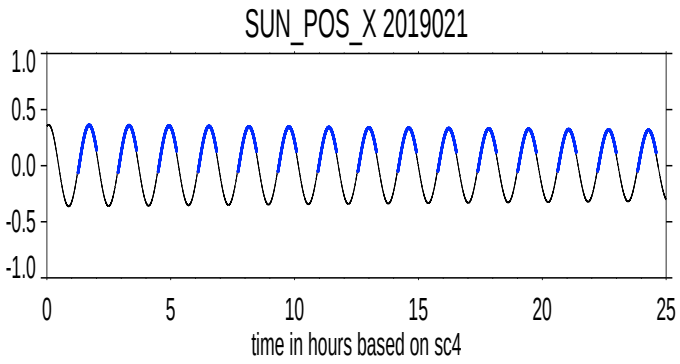

INTERNAL ERROR 2019021
16
8
0
0
5
10
15
20
25
time in hours based on sc4

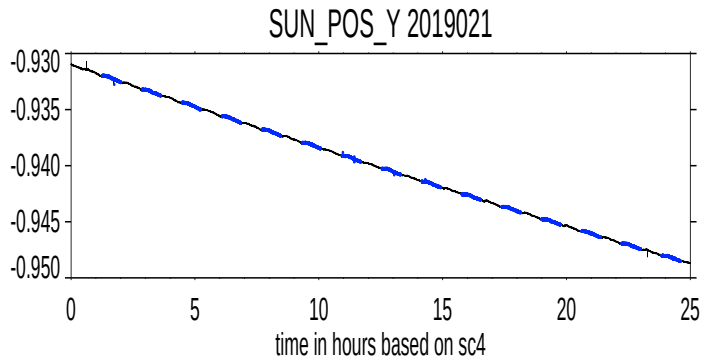

ERRORS 2019021
safe_bit
edac_err
gci_err
0
5
10
15
20
25
time in hours based on sc4

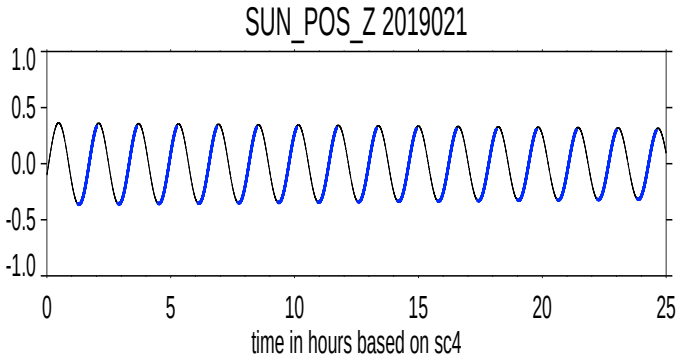

ODC STATUS 2019021
2
1
0
0
5
10
15
20
25
time in hours based on sc4

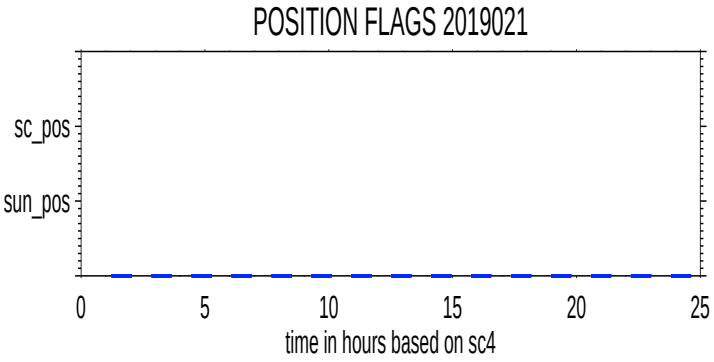

ZONES (0=non-saa,1=saa,2=n.pole,3=s.pole)
4
0
0
5
10
15
20
25
time in hours based on sc4

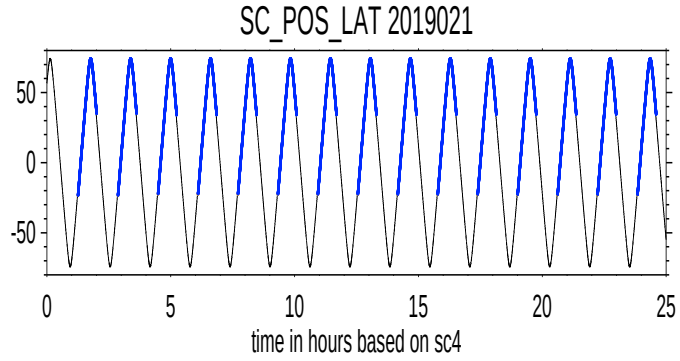

SAA_FLAG 2019021
40
0
0
5
10
15
20
25
time in hours based on sc4

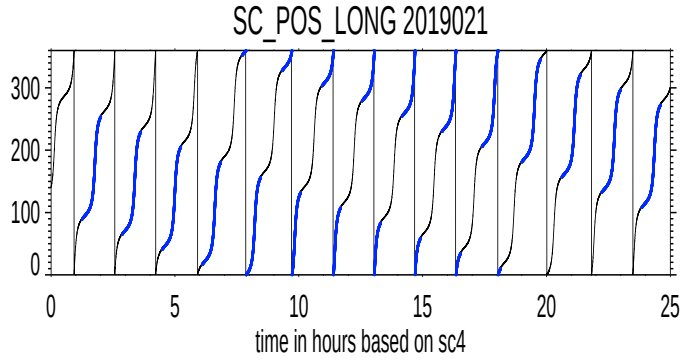

SUN_POS_X 2019021
1.0
0.5
0.0
-0.5
-1.0
0
5
10
15
20
25
time in hours based on sc4

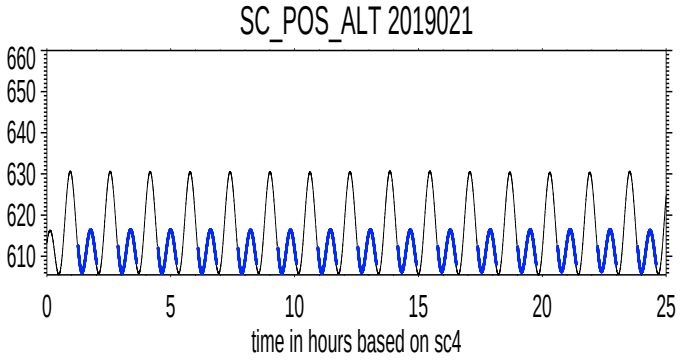

SUN_POS_Y 2019021
-0.930
-0.935
-0.940
-0.945
-0.950
0
5
10
15
20
25
time in hours based on sc4

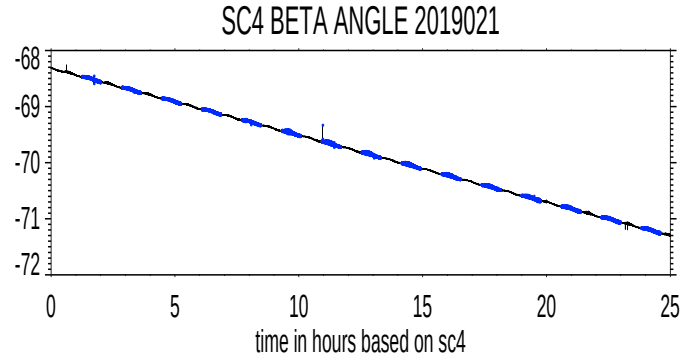

SUN_POS_Z 2019021
1.0
0.5
0.0
-0.5
-1.0
0
5
10
15
20
25
time in hours based on sc4


POSITION FLAGS 2019021
sc_pos
sun_pos
0
5
10
15
20
25
time in hours based on sc4


SC_POS_LAT 2019021
50
0
-50
0
5
10
15
20
25
time in hours based on sc4


SC_POS_LONG 2019021
300
200
100
0
0
5
10
15
20
25
time in hours based on sc4


SC_POS_ALT 2019021
660
650
640
630
620
610
0
5
10
15
20
25
time in hours based on sc4


SC4 BETA ANGLE 2019021
-68
-69
-70
-71
-72
0
5
10
15
20
25
time in hours based on sc4