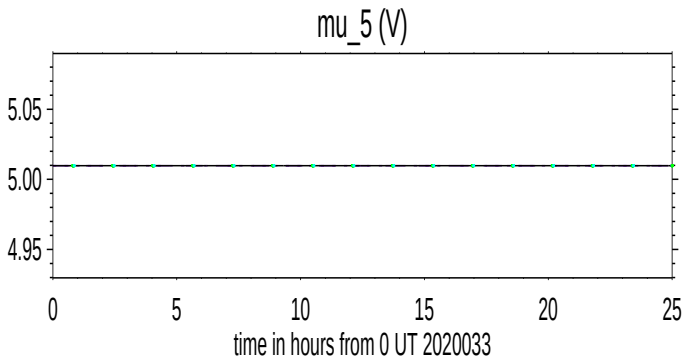
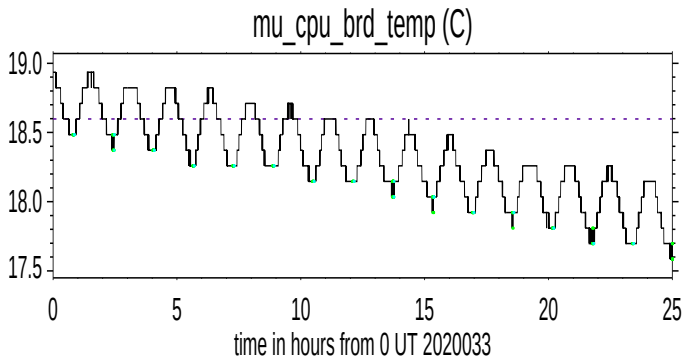
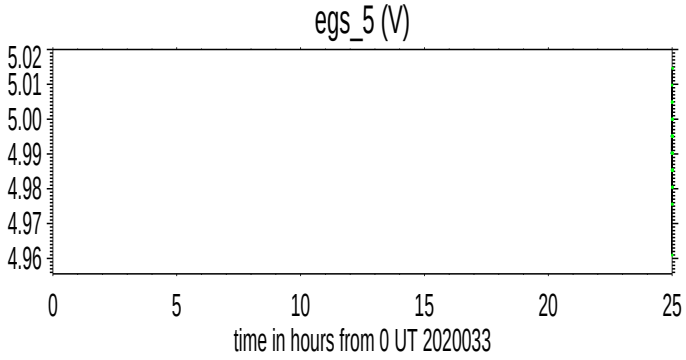
Information for 2020033

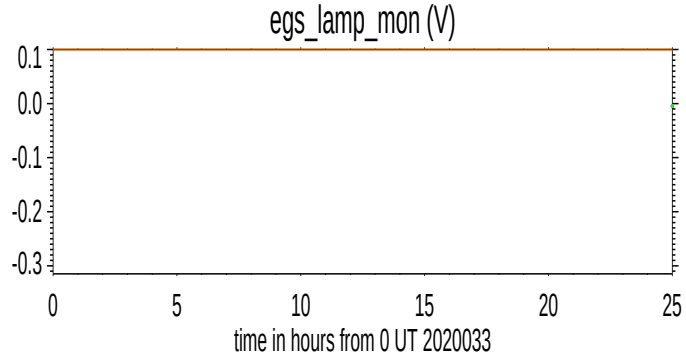
/export/timed/data/science_dp/tlm_limit/outoflimit_2020033_012.txt
Tue Mar 03 06:14:27 2020 1

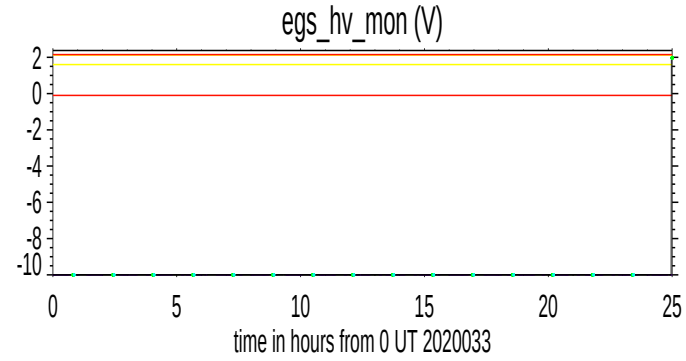
RL OutOfLimit 1264636820 1264726663 hk.egs_hv_mon

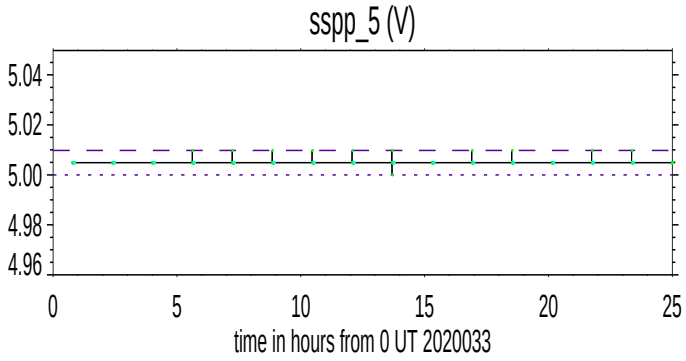

mu_5 (V)
5.05
5.00
4.95
0
5
10
15
20
25
time in hours from 0 UT 2020033

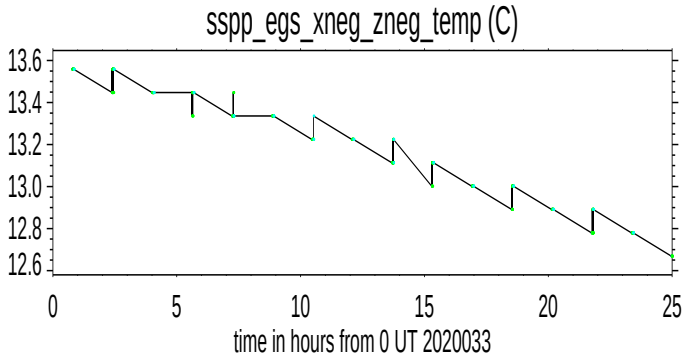

mu_cpu_brd_temp (C)
19.0
18.5
18.0
17.5
0
5
10
15
20
25
time in hours from 0 UT 2020033

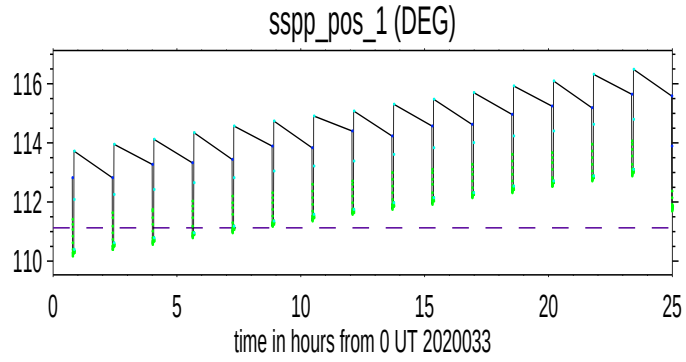

egs_5 (V)
5.02
5.01
5.00
4.99
4.98
4.97
4.96
0
5
10
15
20
25
time in hours from 0 UT 2020033

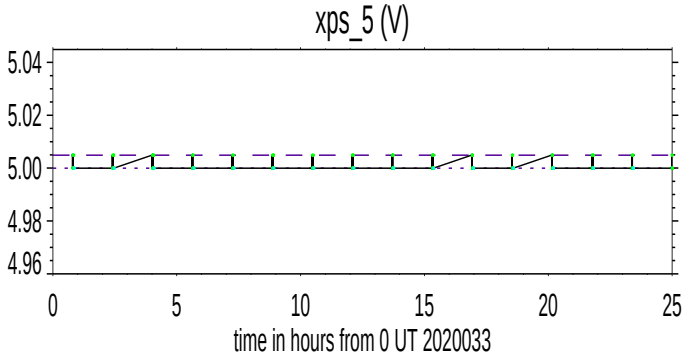

egs_lamp_mon (V)
0.1
0.0
-0.1
-0.2
-0.3
0
5
10
15
20
25
time in hours from 0 UT 2020033

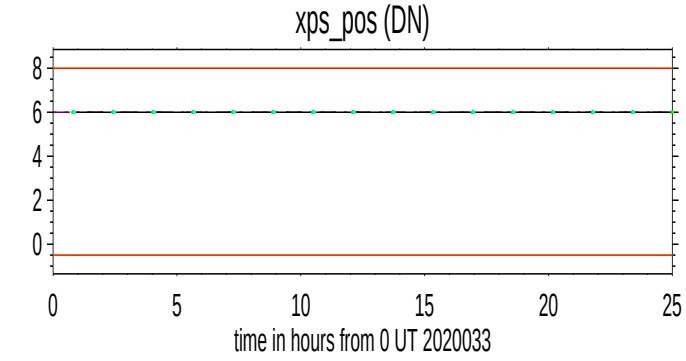

egs_hv_mon (V)
2
0
-2
-4
-6
-8
-10
0
5
10
15
20
25
time in hours from 0 UT 2020033

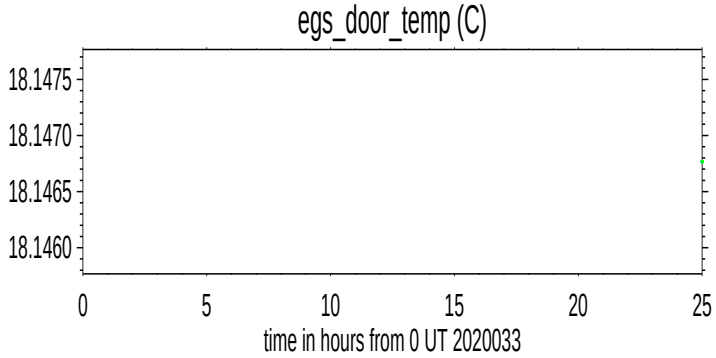

sspp_5 (V)
5.04
5.02
5.00
4.98
4.96
0
5
10
15
20
25
time in hours from 0 UT 2020033

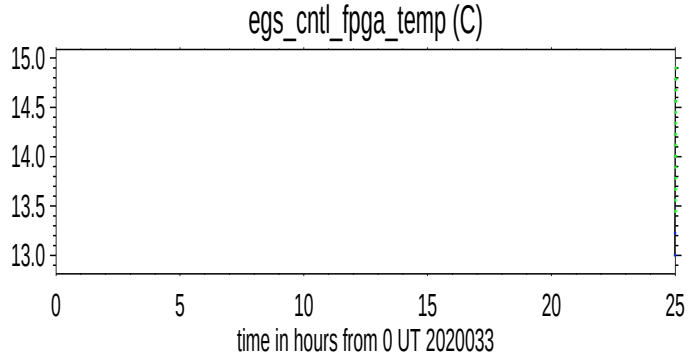

sspp_egs_xneg_zneg_temp (C)
13.6
13.4
13.2
13.0
12.8
12.6
0
5
10
15
20
25
time in hours from 0 UT 2020033

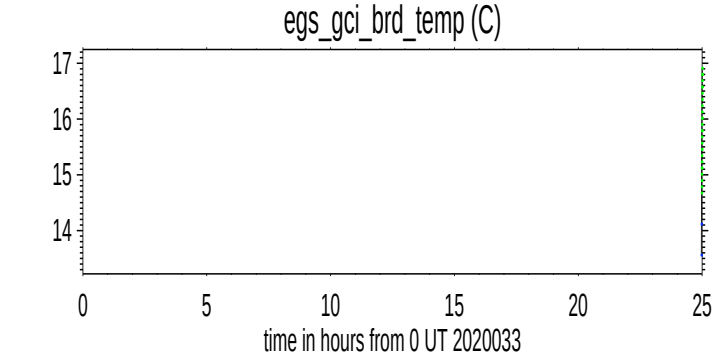

sspp_pos_1 (DEG)
116
114
112
110
0
5
10
15
20
25
time in hours from 0 UT 2020033

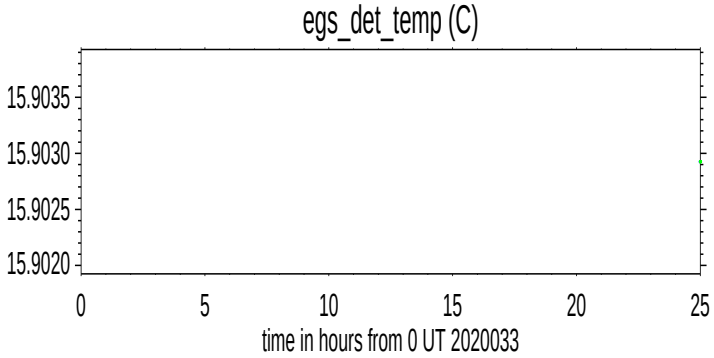

xps_5 (V)
5.04
5.02
5.00
4.98
4.96
0
5
10
15
20
25
time in hours from 0 UT 2020033

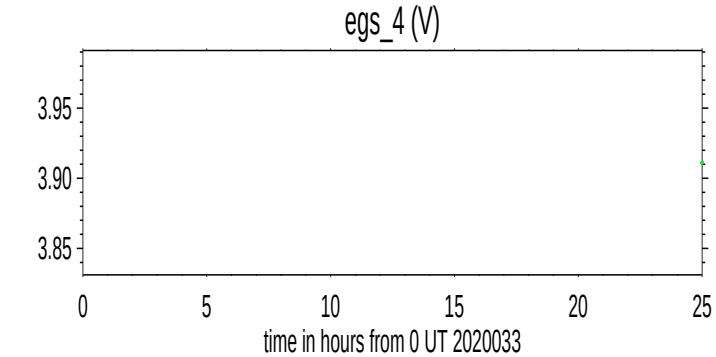

xps_pos (DN)
8
6
4
2
0
0
5
10
15
20
25
time in hours from 0 UT 2020033

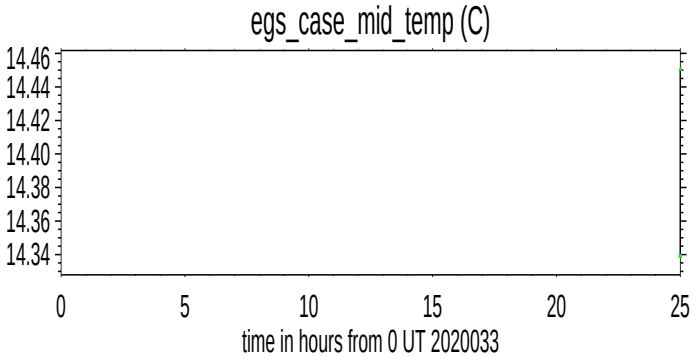

egs_door_temp (C)
18.1475
18.1470
18.1465
18.1460
0
5
10
15
20
25
time in hours from 0 UT 2020033

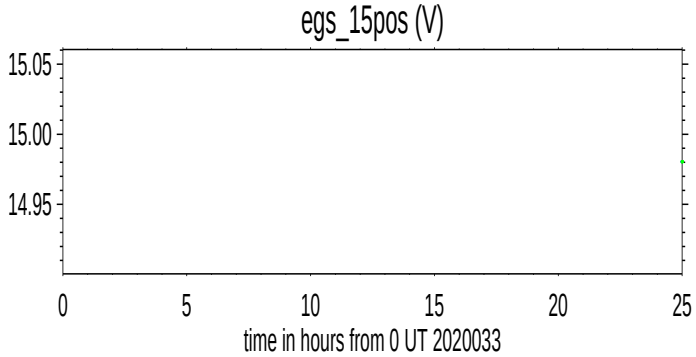

egs_cntl_fpga_temp (C)
15.0
14.5
14.0
13.5
13.0
0
5
10
15
20
25
time in hours from 0 UT 2020033

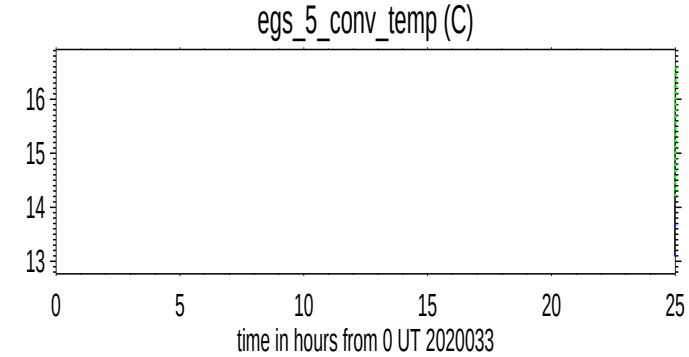

egs_gci_brd_temp (C)
17
16
15
14
0
5
10
15
20
25
time in hours from 0 UT 2020033

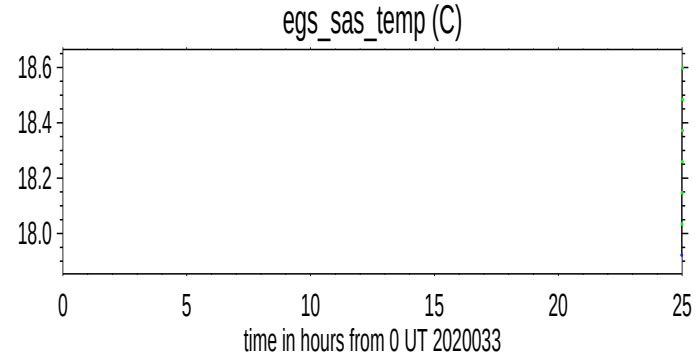

egs_det_temp (C)
15.9035
15.9030
15.9025
15.9020
0
5
10
15
20
25
time in hours from 0 UT 2020033

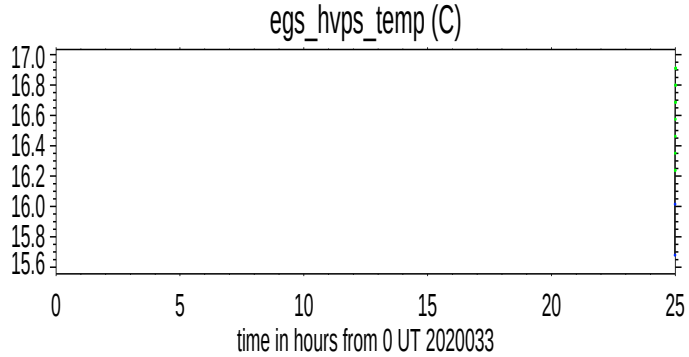

egs_4 (V)
3.95
3.90
3.85
0
5
10
15
20
25
time in hours from 0 UT 2020033

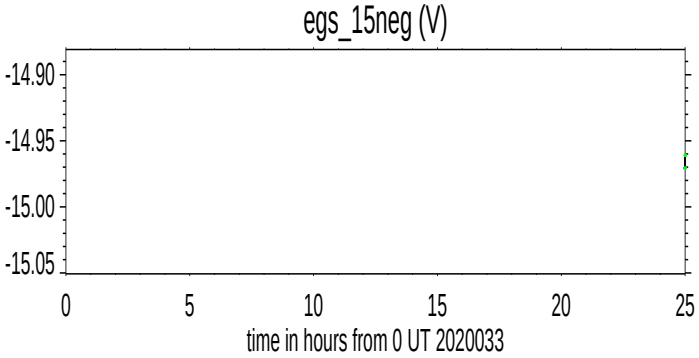

egs_case_mid_temp (C)
14.46
14.44
14.42
14.40
14.38
14.36
14.34
0
5
10
15
20
25
time in hours from 0 UT 2020033

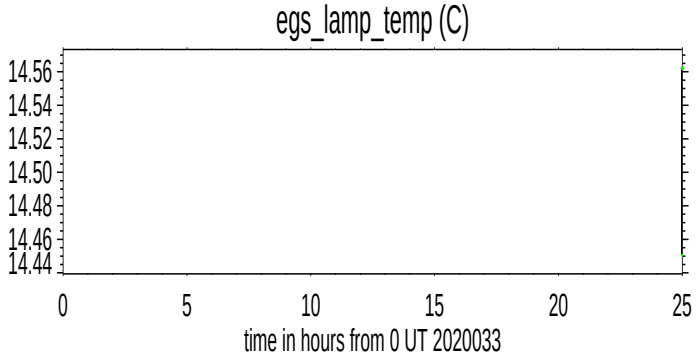

egs_15pos (V)
15.05
15.00
14.95
0
5
10
15
20
25
time in hours from 0 UT 2020033

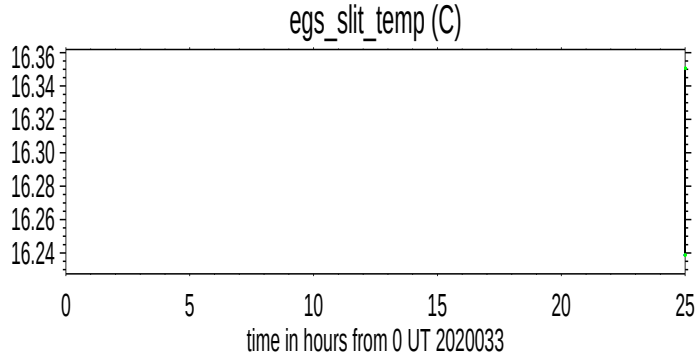

egs_5_conv_temp (C)
16
15
14
13
0
5
10
15
20
25
time in hours from 0 UT 2020033

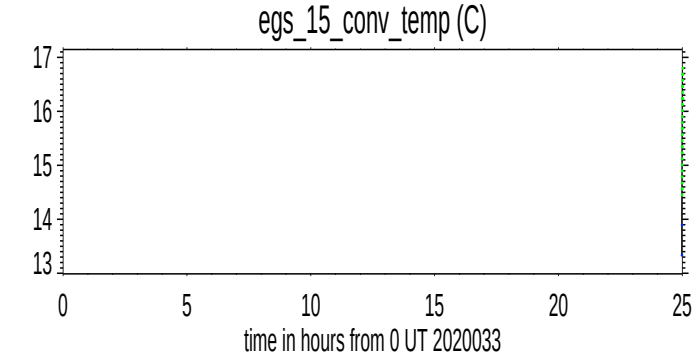

egs_sas_temp (C)
18.6
18.4
18.2
18.0
0
5
10
15
20
25
time in hours from 0 UT 2020033

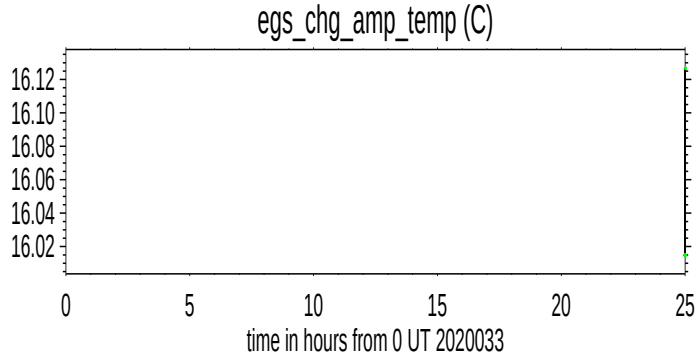

egs_hvps_temp (C)
17.0
16.8
16.6
16.4
16.2
16.0
15.8
15.6
0
5
10
15
20
25
time in hours from 0 UT 2020033

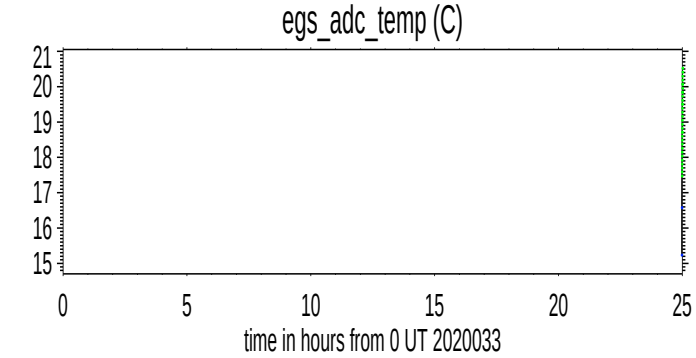

egs_15neg (V)
-14.90
-14.95
-15.00
-15.05
0 5 10 15 20 25
time in hours from 0 UT 2020033

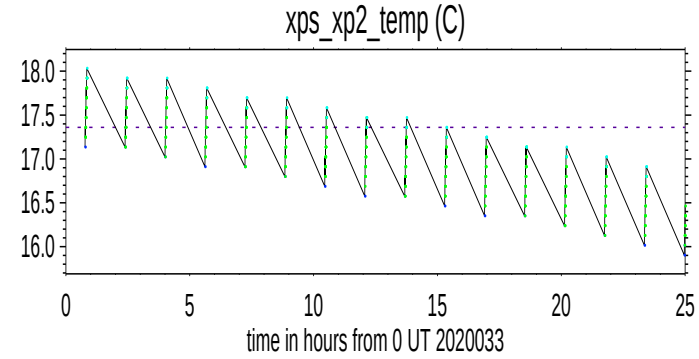

egs_lamp_temp (C)
14.56
14.54
14.52
14.50
14.48
14.46
14.44
0 5 10 15 20 25
time in hours from 0 UT 2020033

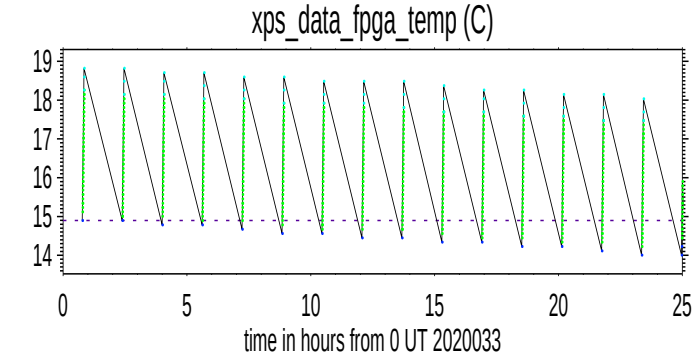

egs_slit_temp (C)
16.36
16.34
16.32
16.30
16.28
16.26
16.24
0 5 10 15 20 25
time in hours from 0 UT 2020033

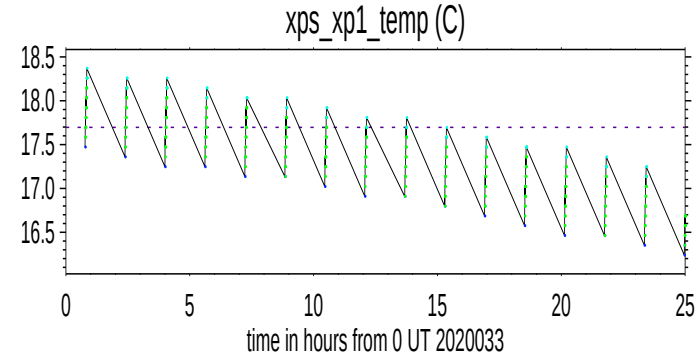

egs_15_conv_temp (C)
17
16
15
14
13
0 5 10 15 20 25
time in hours from 0 UT 2020033

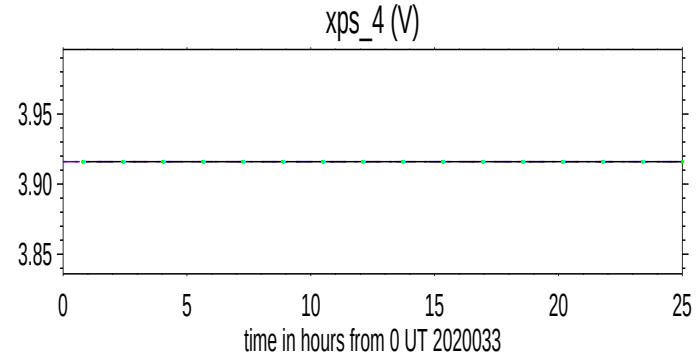

egs_chg_amp_temp (C)
16.12
16.10
16.08
16.06
16.04
16.02
0 5 10 15 20 25
time in hours from 0 UT 2020033

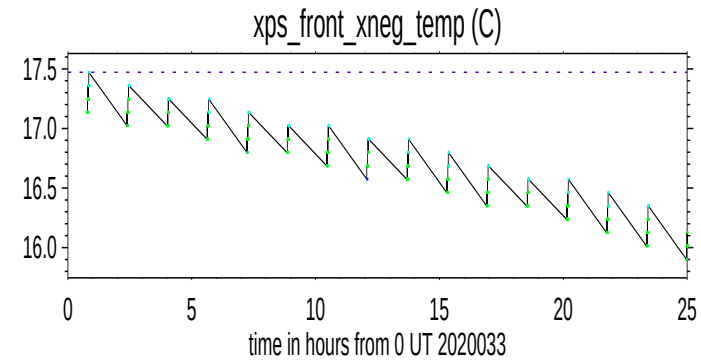

egs_adc_temp (C)
21
20
19
18
17
16
15
0 5 10 15 20 25
time in hours from 0 UT 2020033

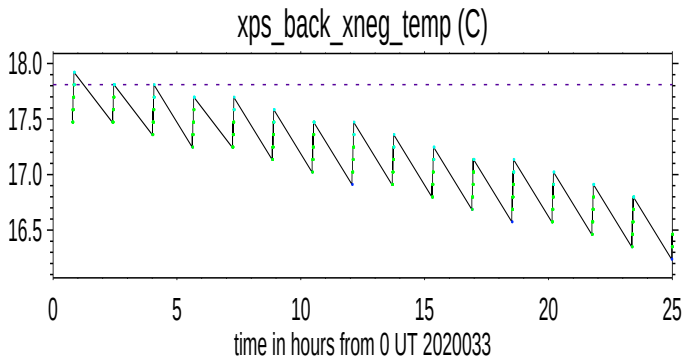

xps_xp2_temp (C)
18.0
17.5
17.0
16.5
16.0
0 5 10 15 20 25
time in hours from 0 UT 2020033

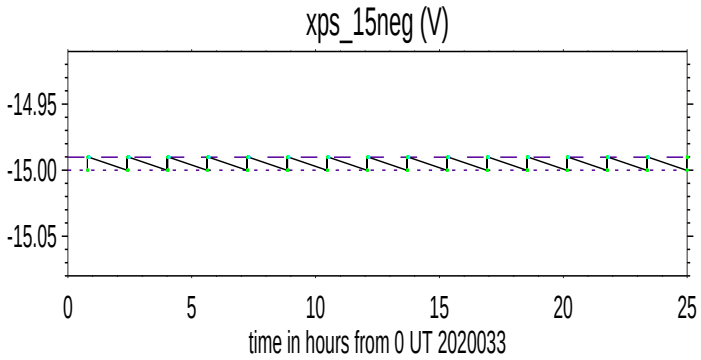

xps_data_fpga_temp (C)
19
18
17
16
15
14
0 5 10 15 20 25
time in hours from 0 UT 2020033

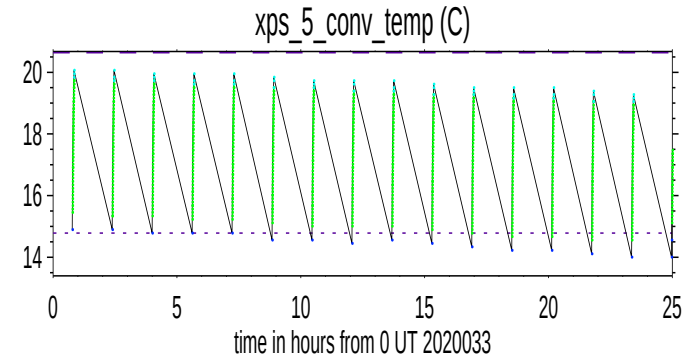

xps_xp1_temp (C)
18.5
18.0
17.5
17.0
16.5
0 5 10 15 20 25
time in hours from 0 UT 2020033

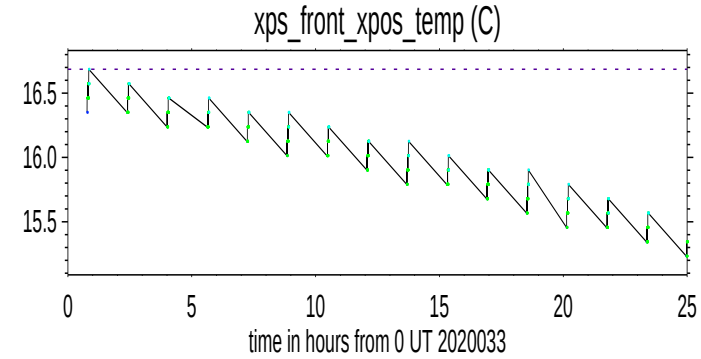

xps_4 (V)
3.95
3.90
3.85
0 5 10 15 20 25
time in hours from 0 UT 2020033

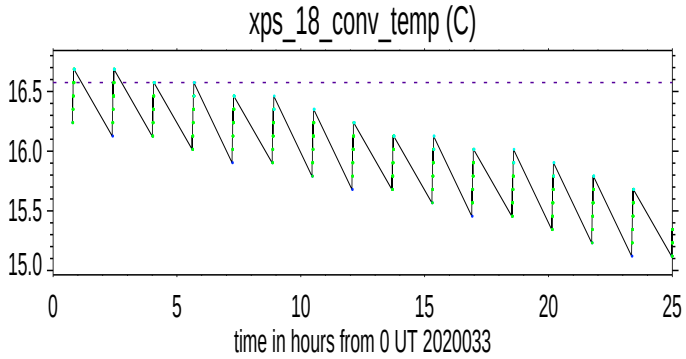

xps_front_xneg_temp (C)
17.5
17.0
16.5
16.0
0
5
10
15
20
25
time in hours from 0 UT 2020033

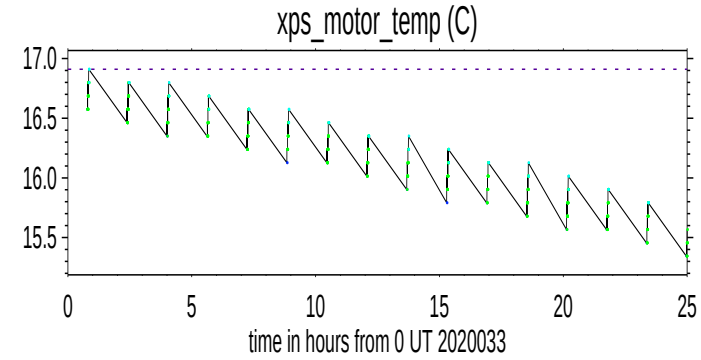

xps_back_xneg_temp (C)
18.0
17.5
17.0
16.5
0
5
10
15
20
25
time in hours from 0 UT 2020033

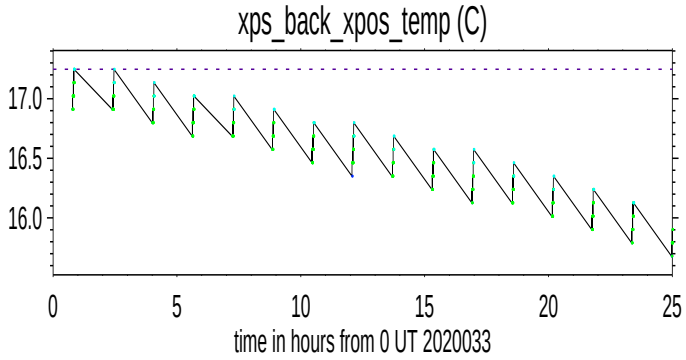

xps_15neg (V)
-14.95
-15.00
-15.05
0
5
10
15
20
25
time in hours from 0 UT 2020033

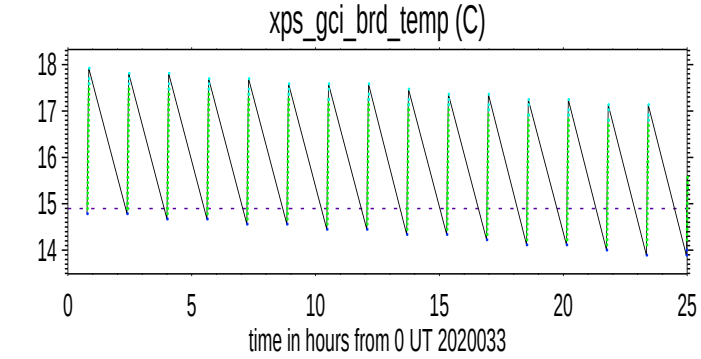

xps_5_conv_temp (C)
20
18
16
14
0
5
10
15
20
25
time in hours from 0 UT 2020033

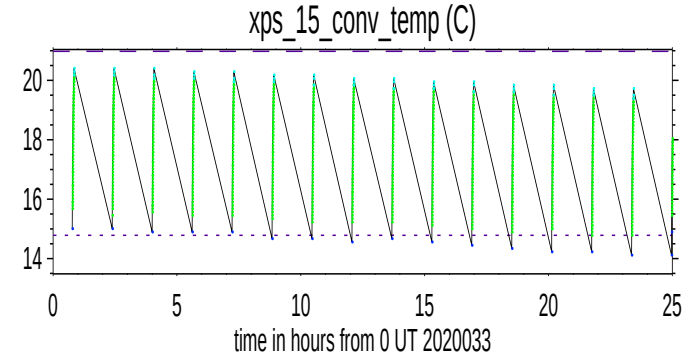

xps_front_xpos_temp (C)
16.5
16.0
15.5
0
5
10
15
20
25
time in hours from 0 UT 2020033

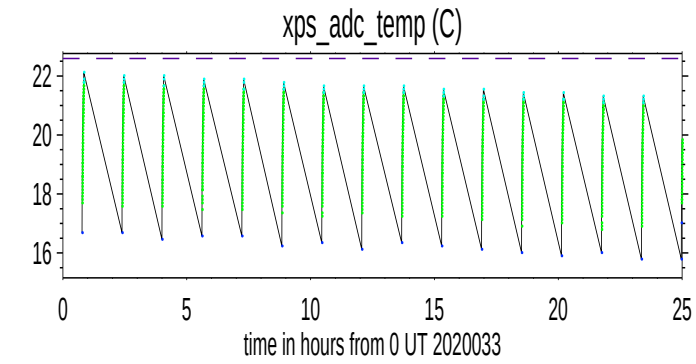

xps_18_conv_temp (C)
16.5
16.0
15.5
15.0
0
5
10
15
20
25
time in hours from 0 UT 2020033

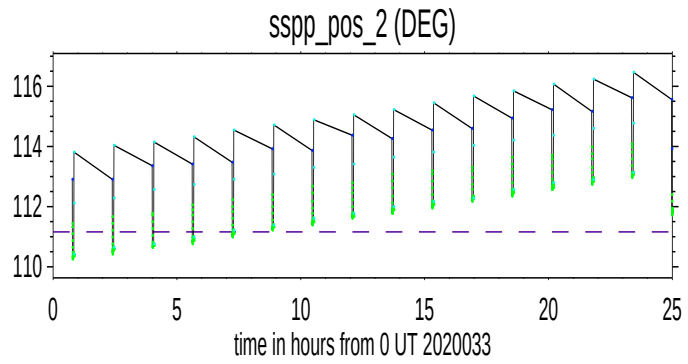

xps_motor_temp (C)
17.0
16.5
16.0
15.5
0
5
10
15
20
25
time in hours from 0 UT 2020033

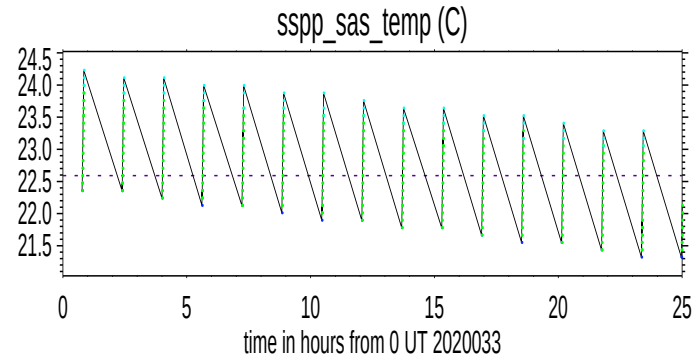

xps_back_xpos_temp (C)
17.0
16.5
16.0
0
5
10
15
20
25
time in hours from 0 UT 2020033

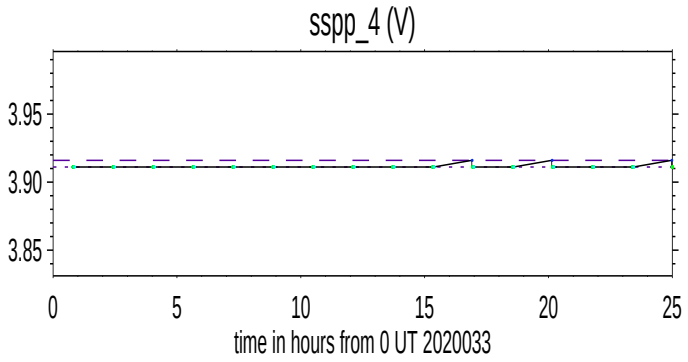

xps_gci_brd_temp (C)
18
17
16
15
14
0
5
10
15
20
25
time in hours from 0 UT 2020033

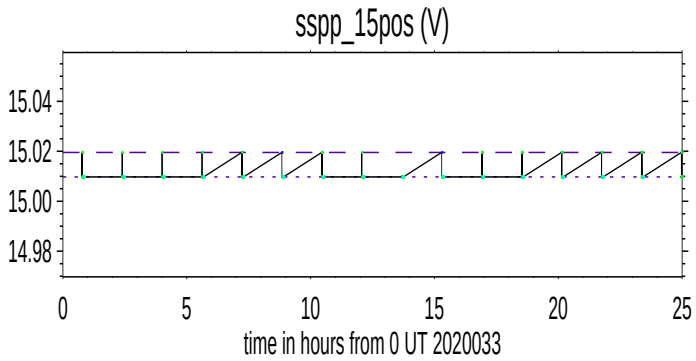

xps_15_conv_temp (C)
20
18
16
14
0
5
10
15
20
25
time in hours from 0 UT 2020033

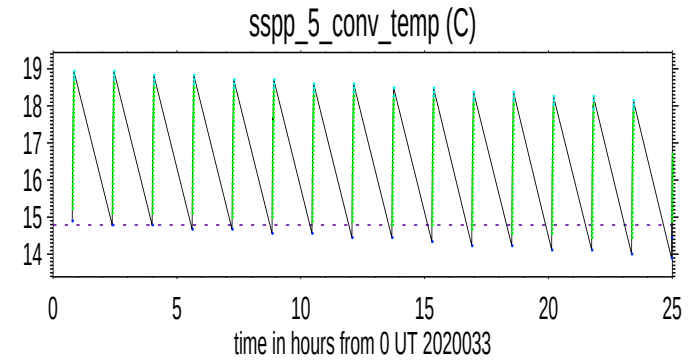

xps_adc_temp (C)
22
20
18
16
0
5
10
15
20
25
time in hours from 0 UT 2020033

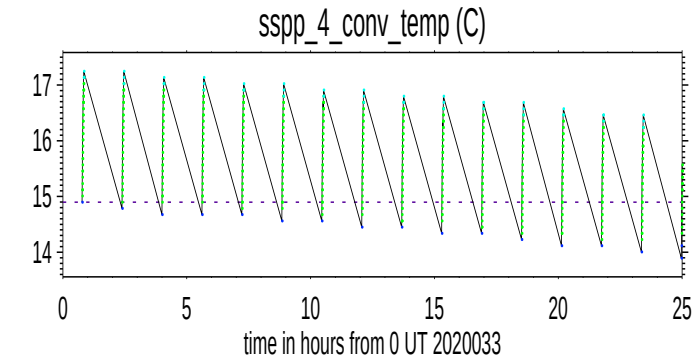

sspp_pos_2 (DEG)
116
114
112
110
0
5
10
15
20
25
time in hours from 0 UT 2020033

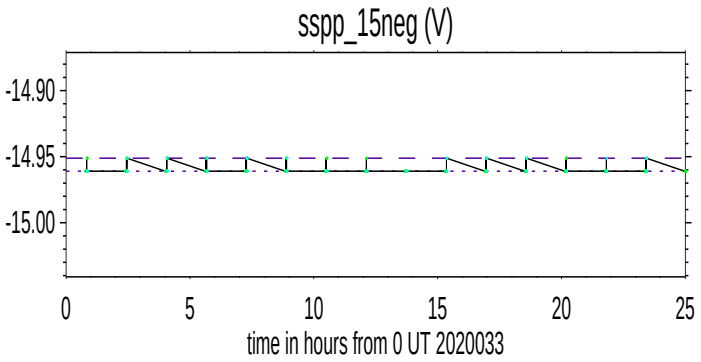

sspp_sas_temp (C)
24.5
24.0
23.5
23.0
22.5
22.0
21.5
0
5
10
15
20
25
time in hours from 0 UT 2020033

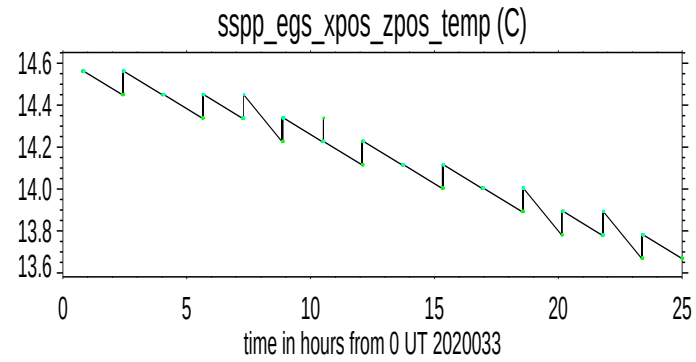

sspp_4 (V)
3.95
3.90
3.85
0
5
10
15
20
25
time in hours from 0 UT 2020033

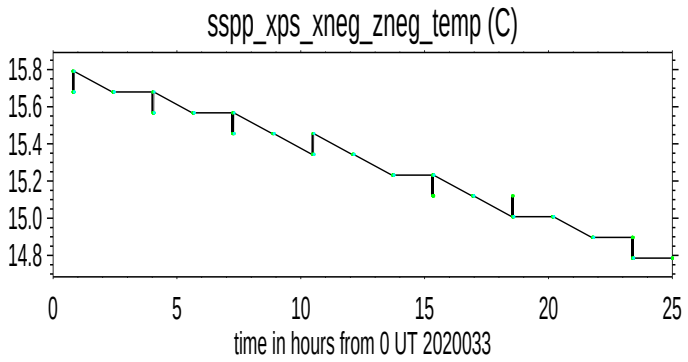

sspp_15pos (V)
15.04
15.02
15.00
14.98
0
5
10
15
20
25
time in hours from 0 UT 2020033

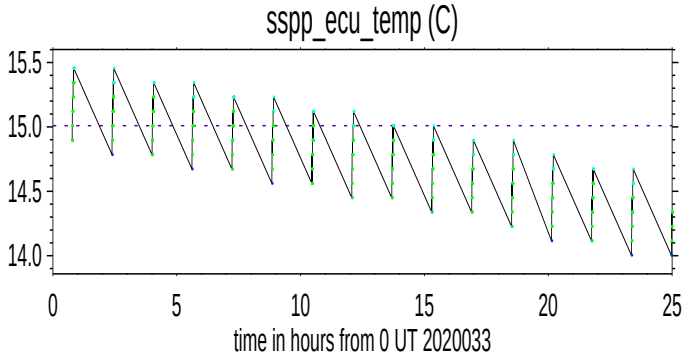

sspp_5_conv_temp (C)
19
18
17
16
15
14
0
5
10
15
20
25
time in hours from 0 UT 2020033

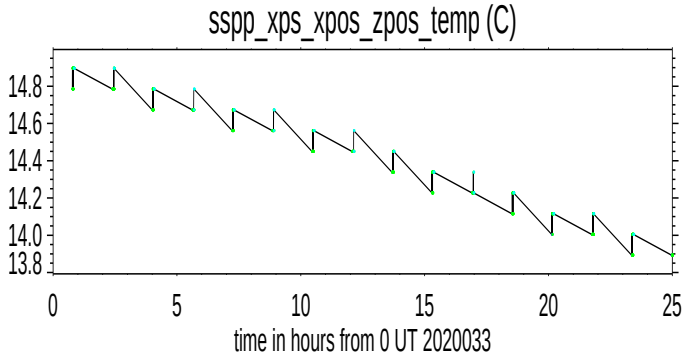

sspp_4_conv_temp (C)
17
16
15
14
0
5
10
15
20
25
time in hours from 0 UT 2020033

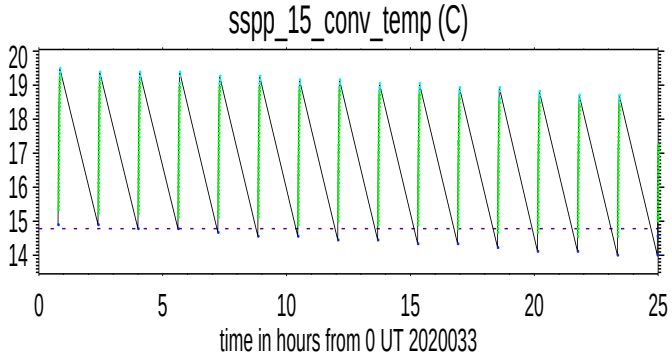

sspp_15neg (V)
-14.90
-14.95
-15.00
0
5
10
15
20
25
time in hours from 0 UT 2020033

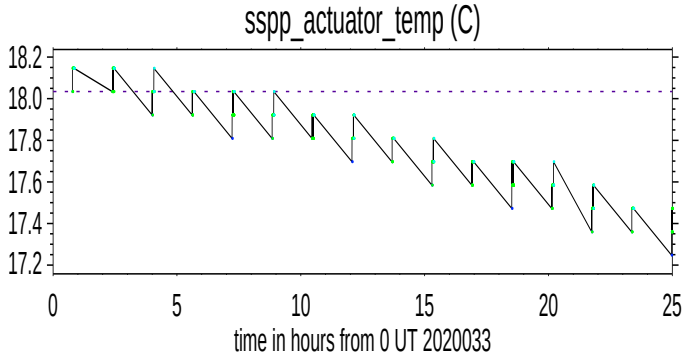

sspp_egs_xpos_zpos_temp (C)
14.6
14.4
14.2
14.0
13.8
13.6
0
5
10
15
20
25
time in hours from 0 UT 2020033

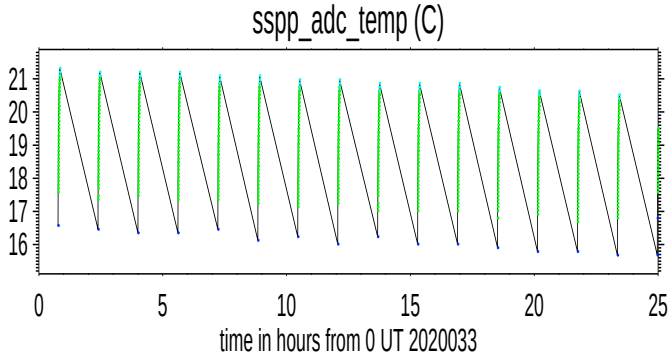

sspp_xps_xneg_zneg_temp (C)
15.8
15.6
15.4
15.2
15.0
14.8
0
5
10
15
20
25
time in hours from 0 UT 2020033

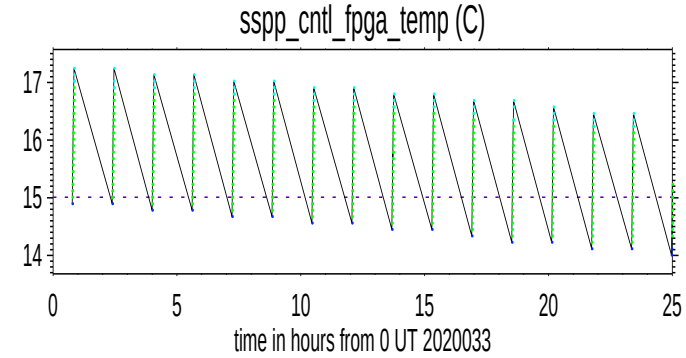

sspp_ecu_temp (C)
15.5
15.0
14.5
14.0
0
5
10
15
20
25
time in hours from 0 UT 2020033

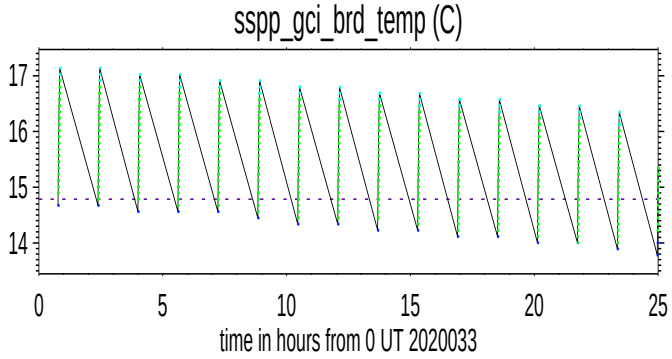

sspp_xps_xpos_zpos_temp (C)
14.8
14.6
14.4
14.2
14.0
13.8
0
5
10
15
20
25
time in hours from 0 UT 2020033

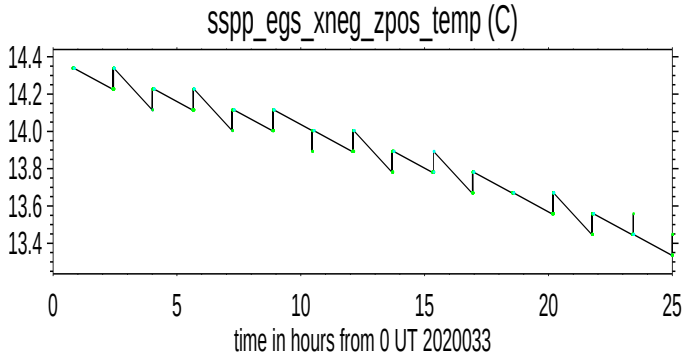

sspp_15_conv_temp (C)
20
19
18
17
16
15
14
0
5
10
15
20
25
time in hours from 0 UT 2020033

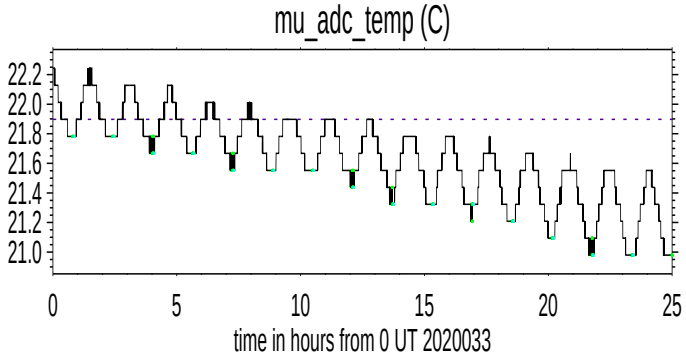

sspp_actuator_temp (C)
18.2
18.0
17.8
17.6
17.4
17.2
0
5
10
15
20
25
time in hours from 0 UT 2020033

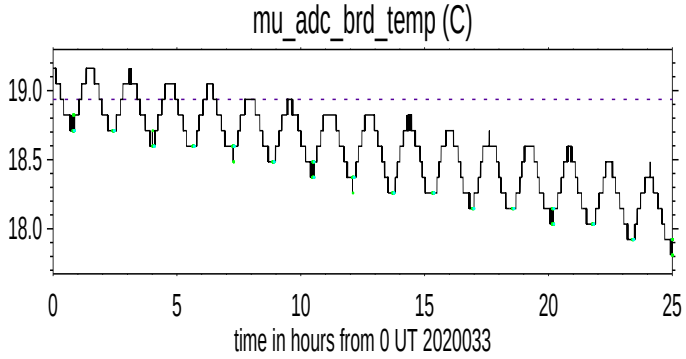

sspp_adc_temp (C)
21
20
19
18
17
16
0
5
10
15
20
25
time in hours from 0 UT 2020033

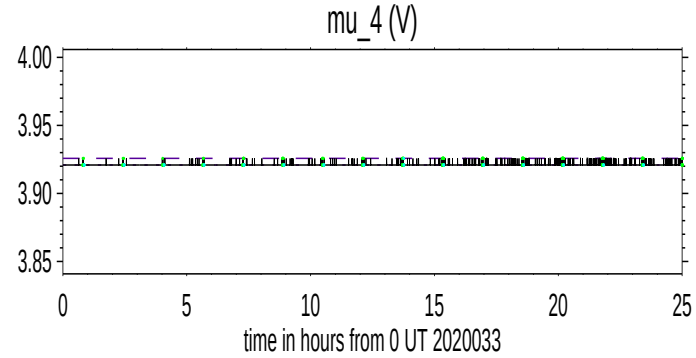

sspp_cntl_fpga_temp (C)
17
16
15
14
0
5
10
15
20
25
time in hours from 0 UT 2020033

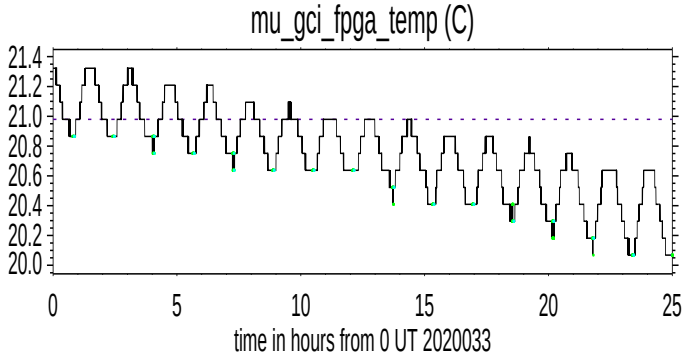

sspp_gci_brd_temp (C)
17
16
15
14
0
5
10
15
20
25
time in hours from 0 UT 2020033

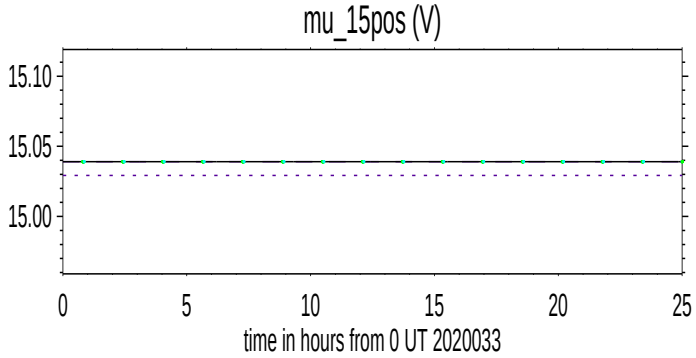

sspp_egs_xneg_zpos_temp (C)
14.4
14.2
14.0
13.8
13.6
13.4
0
5
10
15
20
25
time in hours from 0 UT 2020033

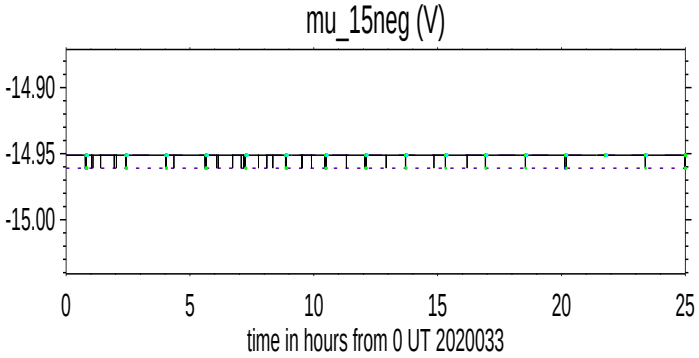

mu_adc_temp (C)
22.2
22.0
21.8
21.6
21.4
21.2
21.0
0
5
10
15
20
25
time in hours from 0 UT 2020033

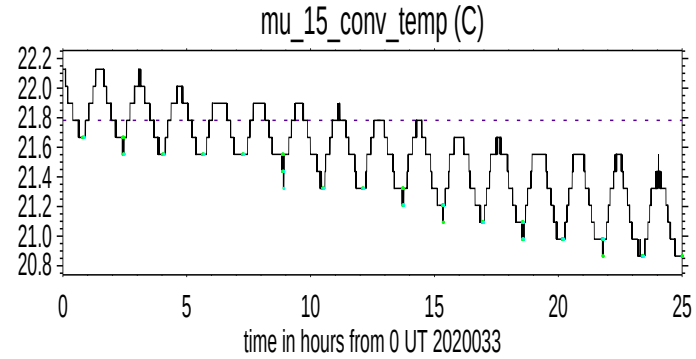

mu_adc_brd_temp (C)
19.0
18.5
18.0
0
5
10
15
20
25
time in hours from 0 UT 2020033

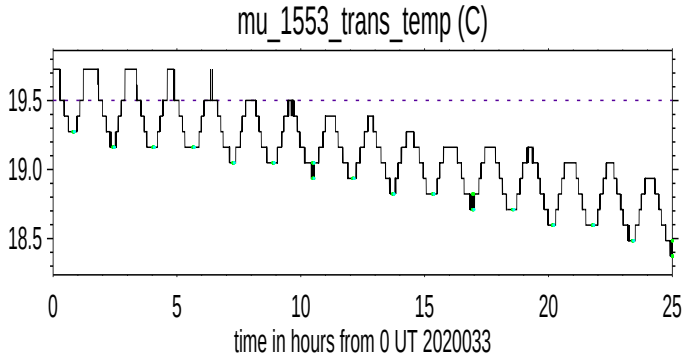

mu_4 (V)
4.00
3.95
3.90
3.85
0
5
10
15
20
25
time in hours from 0 UT 2020033

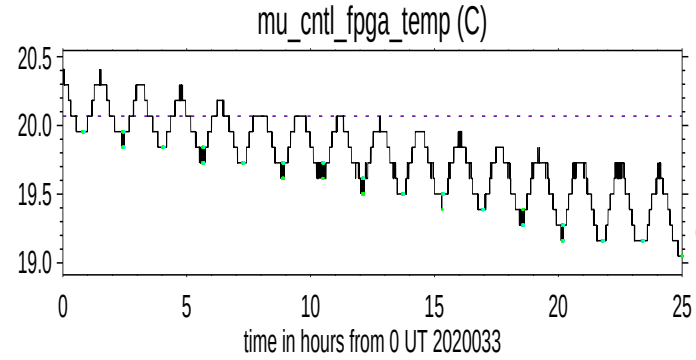

mu_gci_fpga_temp (C)
21.4
21.2
21.0
20.8
20.6
20.4
20.2
20.0
0
5
10
15
20
25
time in hours from 0 UT 2020033

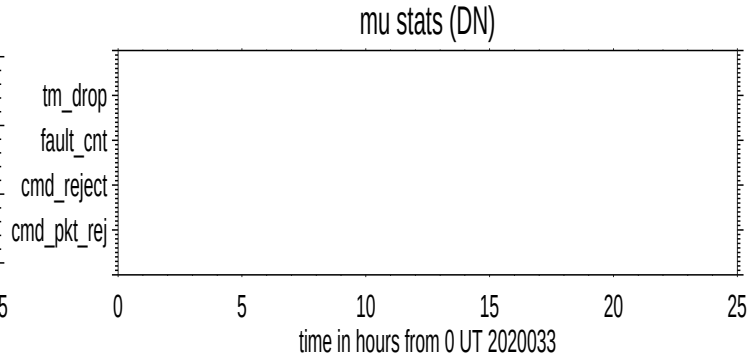

mu_15pos (V)
15.10
15.05
15.00
0
5
10
15
20
25
time in hours from 0 UT 2020033

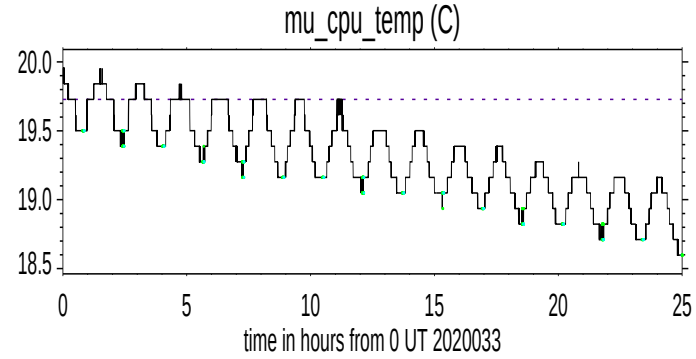

mu_15neg (V)
-14.90
-14.95
-15.00
0
5
10
15
20
25
time in hours from 0 UT 2020033

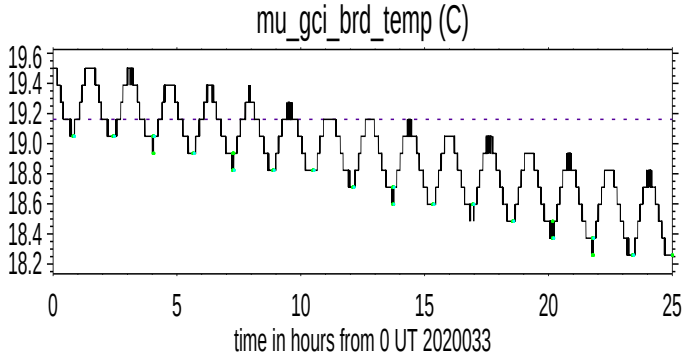

mu_15_conv_temp (C)
22.2
22.0
21.8
21.6
21.4
21.2
21.0
20.8
0
5
10
15
20
25
time in hours from 0 UT 2020033

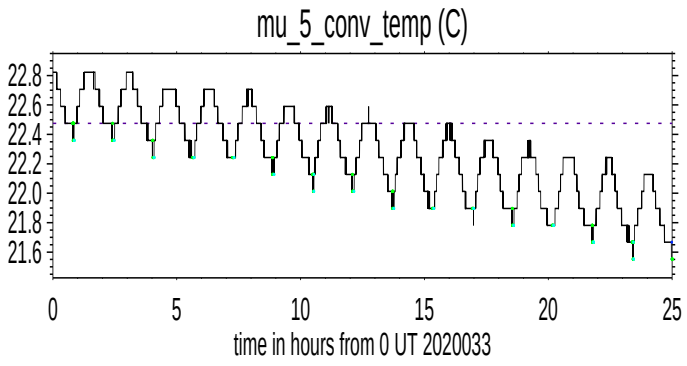

mu_1553_trans_temp (C)
19.5
19.0
18.5
0
5
10
15
20
25
time in hours from 0 UT 2020033

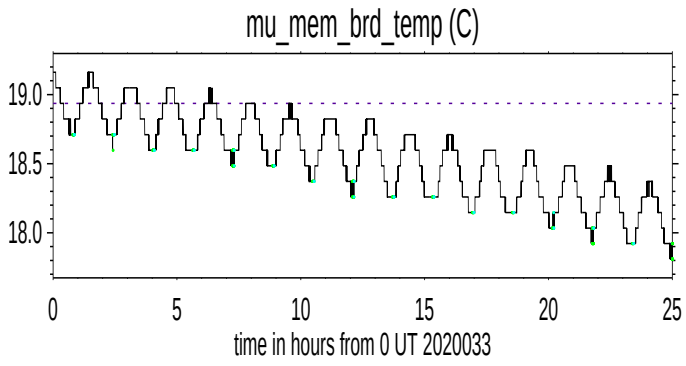

mu_cntl_fpga_temp (C)
20.5
20.0
19.5
19.0
0
5
10
15
20
25
time in hours from 0 UT 2020033

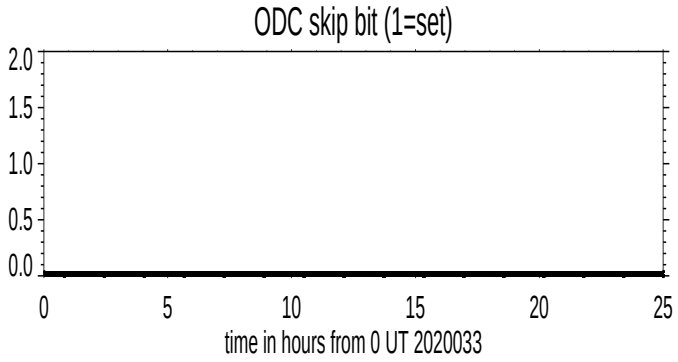

mu stats (DN)
tm_drop
fault_cnt
cmd_reject
cmd_pkt_rej
0
5
10
15
20
25
time in hours from 0 UT 2020033

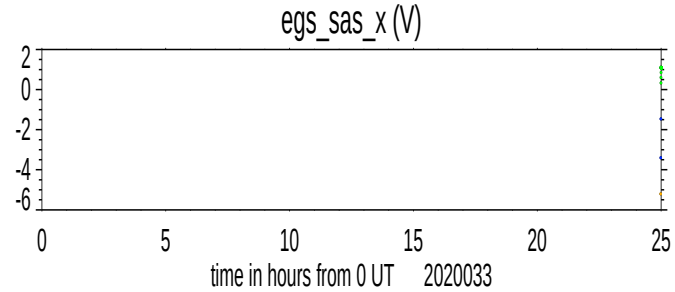

mu_cpu_temp (C)
20.0
19.5
19.0
18.5
0
5
10
15
20
25
time in hours from 0 UT 2020033

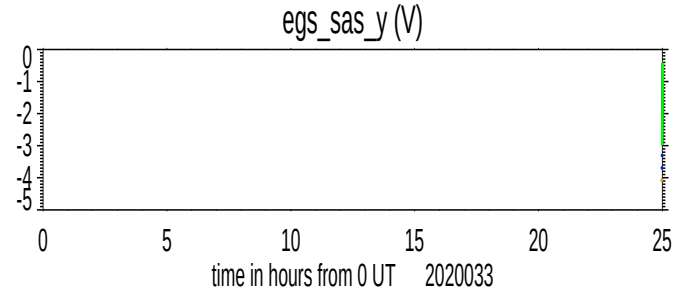

mu_gci_brd_temp (C)
19.6
19.4
19.2
19.0
18.8
18.6
18.4
18.2
0
5
10
15
20
25
time in hours from 0 UT 2020033

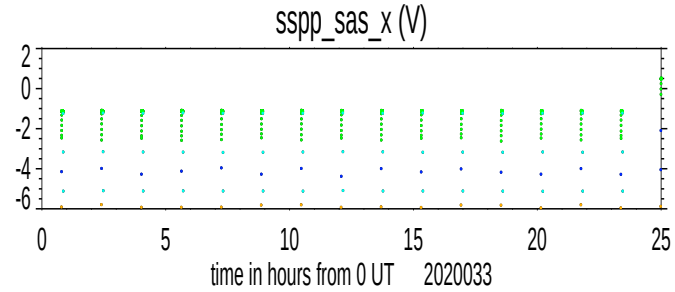

mu_5_conv_temp (C)
22.8
22.6
22.4
22.2
22.0
21.8
21.6
0
5
10
15
20
25
time in hours from 0 UT 2020033

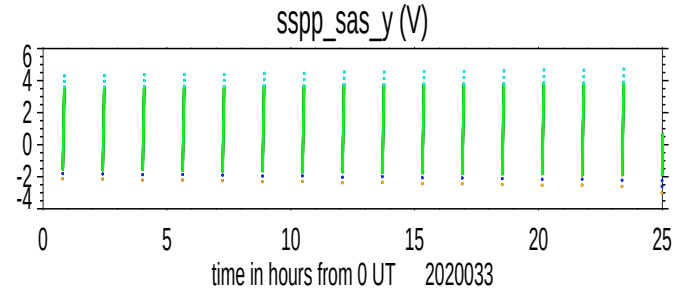

mu_mem_brd_temp (C)
19.0
18.5
18.0
0
5
10
15
20
25
time in hours from 0 UT 2020033

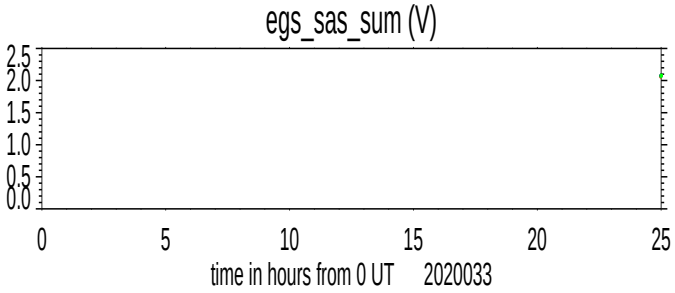

ODC skip bit (1=set)
2.0
1.5
1.0
0.5
0.0
0
5
10
15
20
25
time in hours from 0 UT 2020033

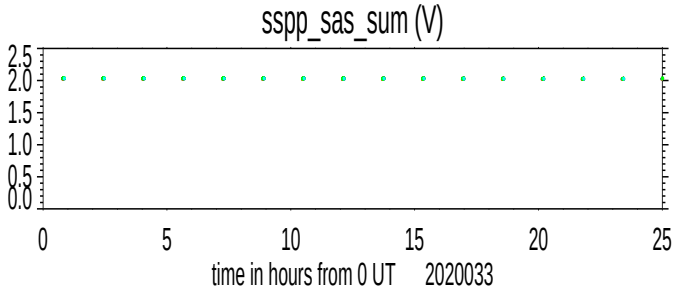

egs_sas_x (V)
2
0
-2
-4
-6
0
5
10
15
20
25
time in hours from 0 UT 2020033

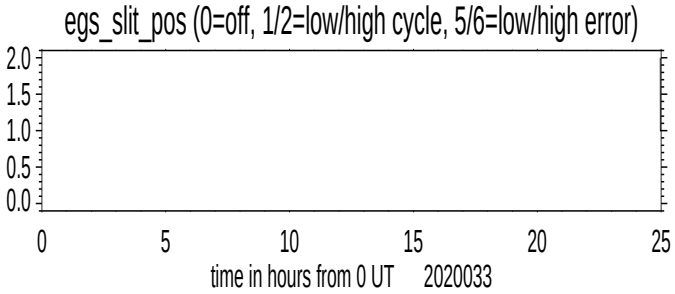

egs_sas_y (V)
0
-1
-2
-3
-4
-5
0
5
10
15
20
25
time in hours from 0 UT 2020033

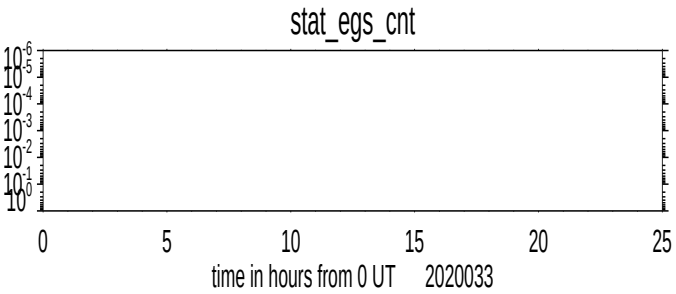

sspp_sas_x (V)
2
0
-2
-4
-6
0
5
10
15
20
25
time in hours from 0 UT 2020033

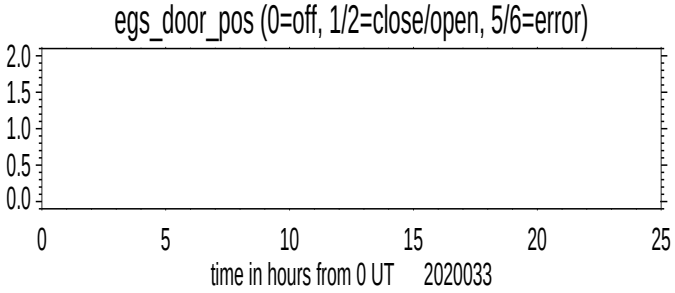

sspp_sas_y (V)
6
4
2
0
-2
-4
0
5
10
15
20
25
time in hours from 0 UT 2020033

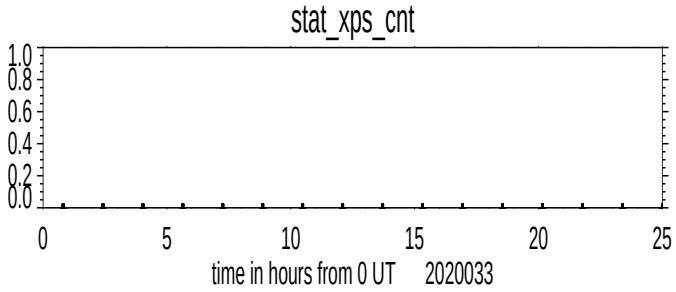

egs_sas_sum (V)
2.5
2.0
1.5
1.0
0.5
0.0
0
5
10
15
20
25
time in hours from 0 UT 2020033

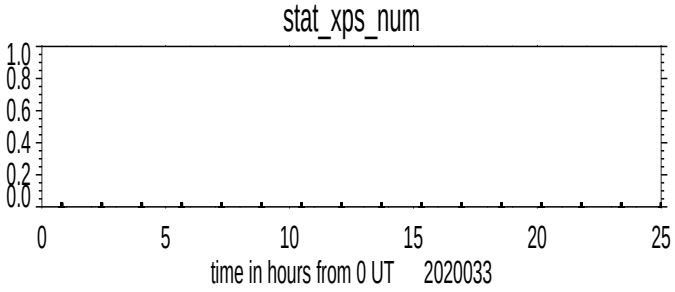

sspp_sas_sum (V)
2.5
2.0
1.5
1.0
0.5
0.0
0
5
10
15
20
25
time in hours from 0 UT 2020033

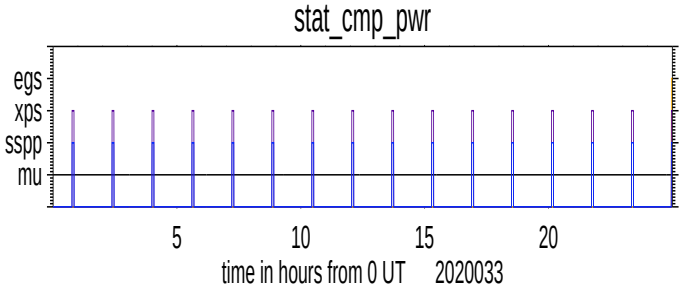

egs_slit_pos (0=off, 1/2=low/high cycle, 5/6=low/high error)
2.0
1.5
1.0
0.5
0.0
0
5
10
15
20
25
time in hours from 0 UT 2020033


stat_egs_cnt
10^{-6}
10^{-5}
10^{-4}
10^{-3}
10^{-2}
10^{-1}
10^{0}
0
5
10
15
20
25
time in hours from 0 UT 2020033

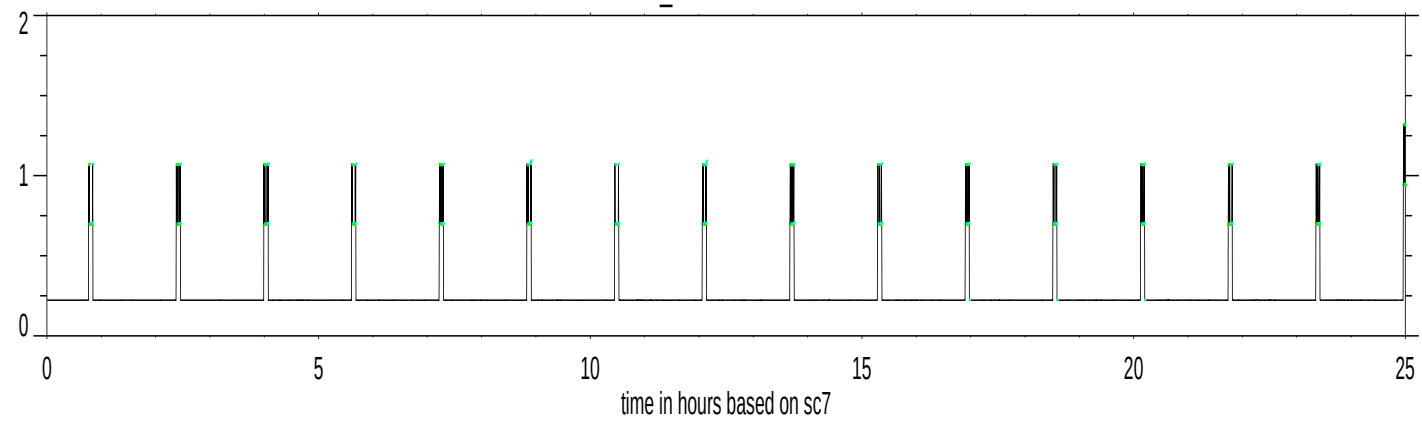

egs_door_pos (0=off, 1/2=close/open, 5/6=error)
2.0
1.5
1.0
0.5
0.0
0
5
10
15
20
25
time in hours from 0 UT 2020033


stat_xps_cnt
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
time in hours from 0 UT 2020033

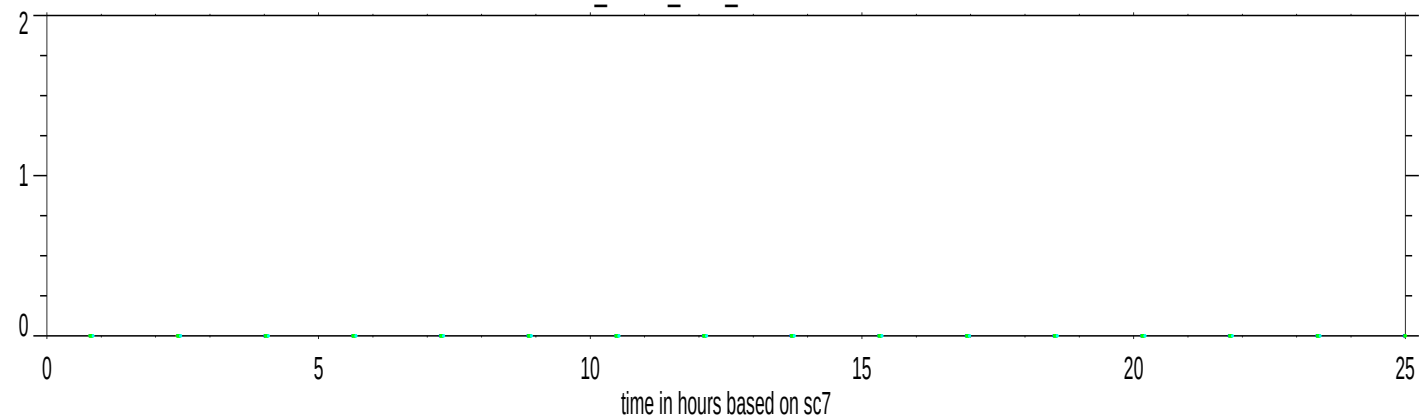

stat_xps_num
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
time in hours from 0 UT 2020033


stat_cmp_pwr
egs
xps
sspp
mu
5
10
15
20
time in hours from 0 UT 2020033

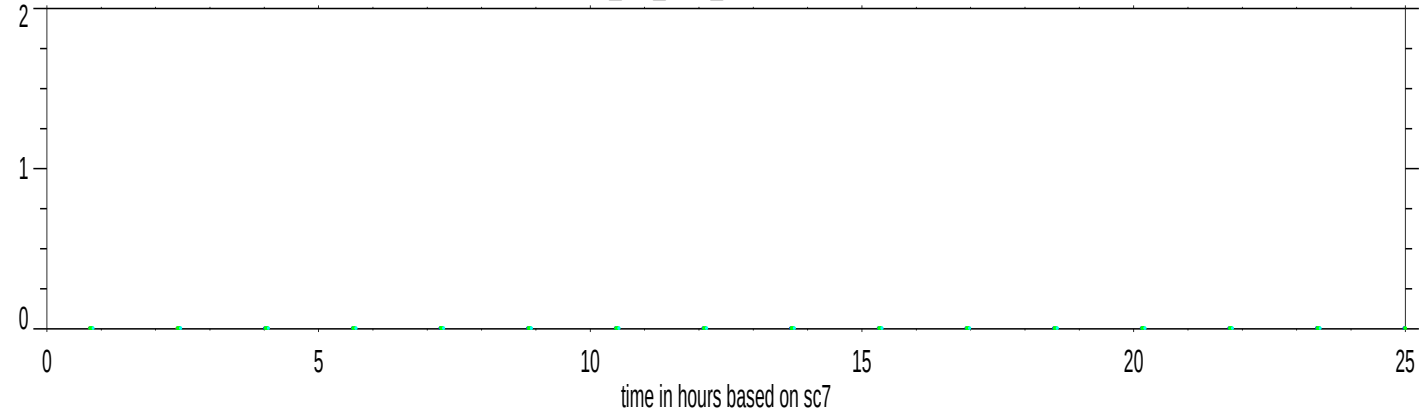
SEE_CUR 2020033



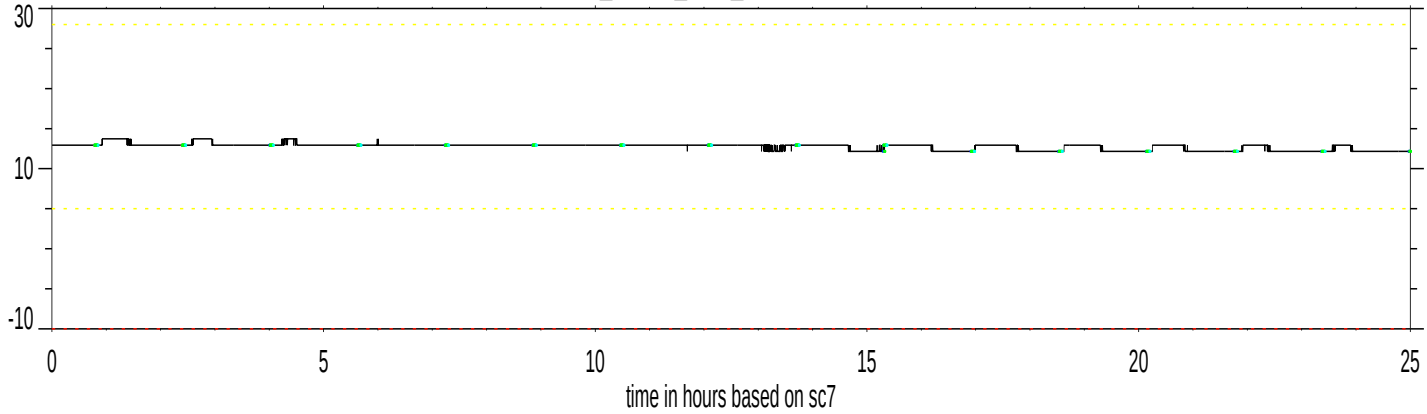
SEE_SURV_HTR_CUR 2020033

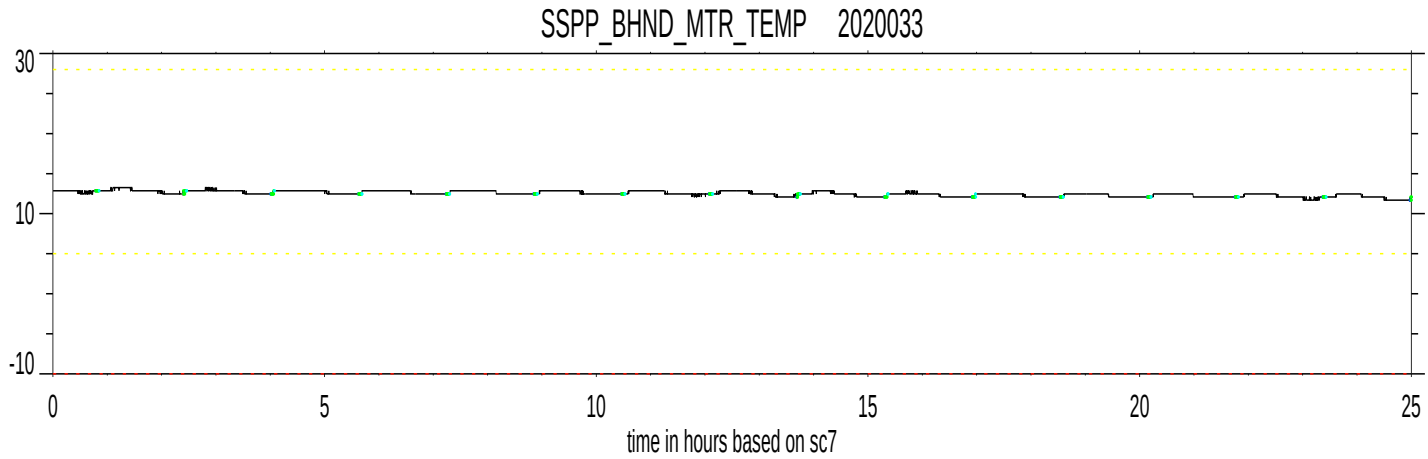


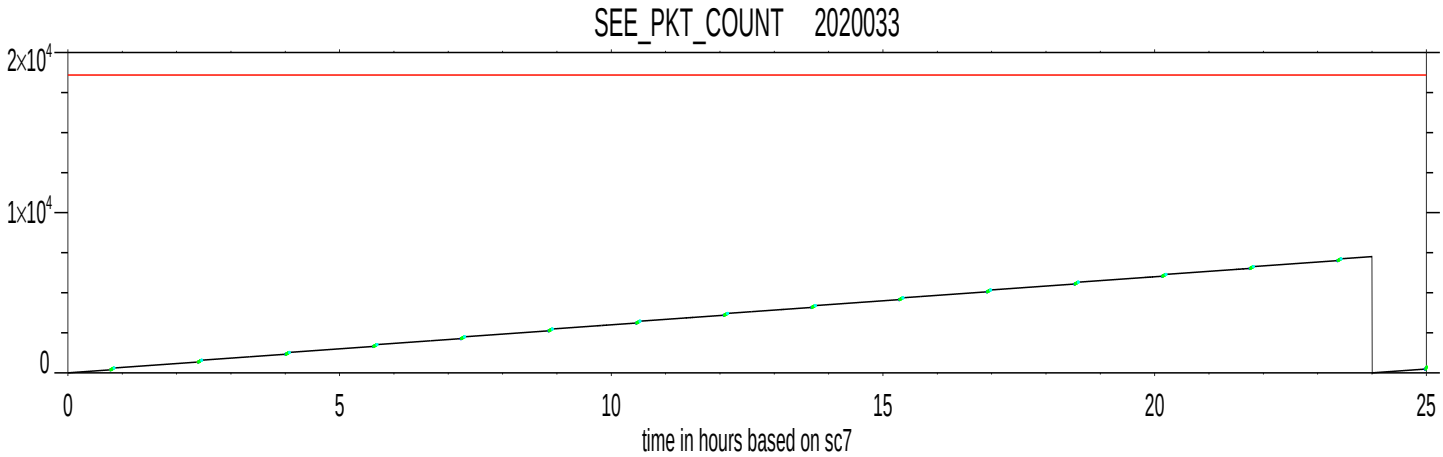
SEE_OP_HTR_CUR 2020033

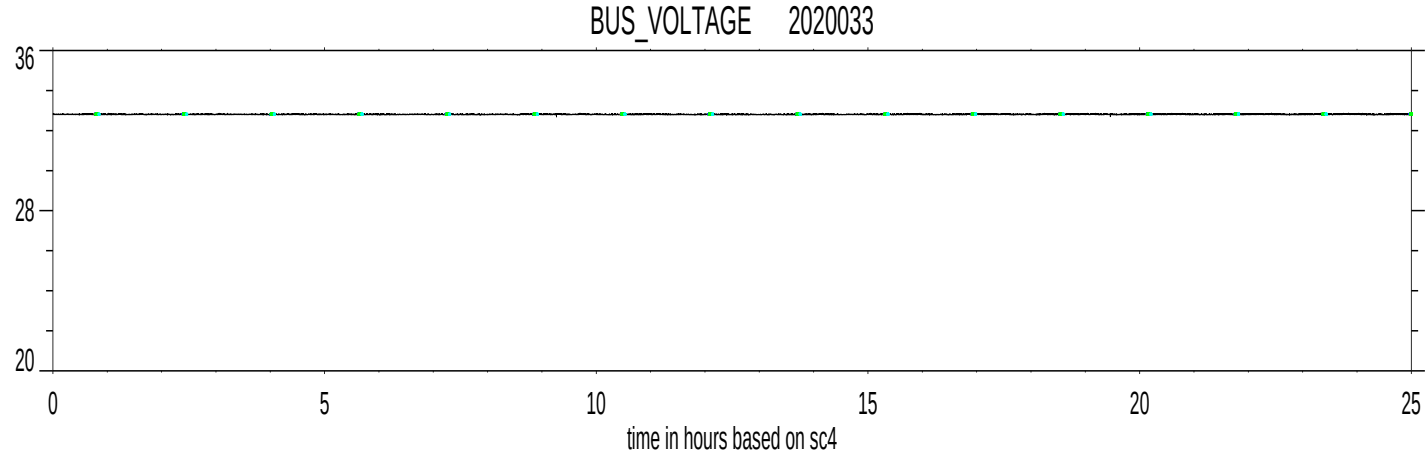


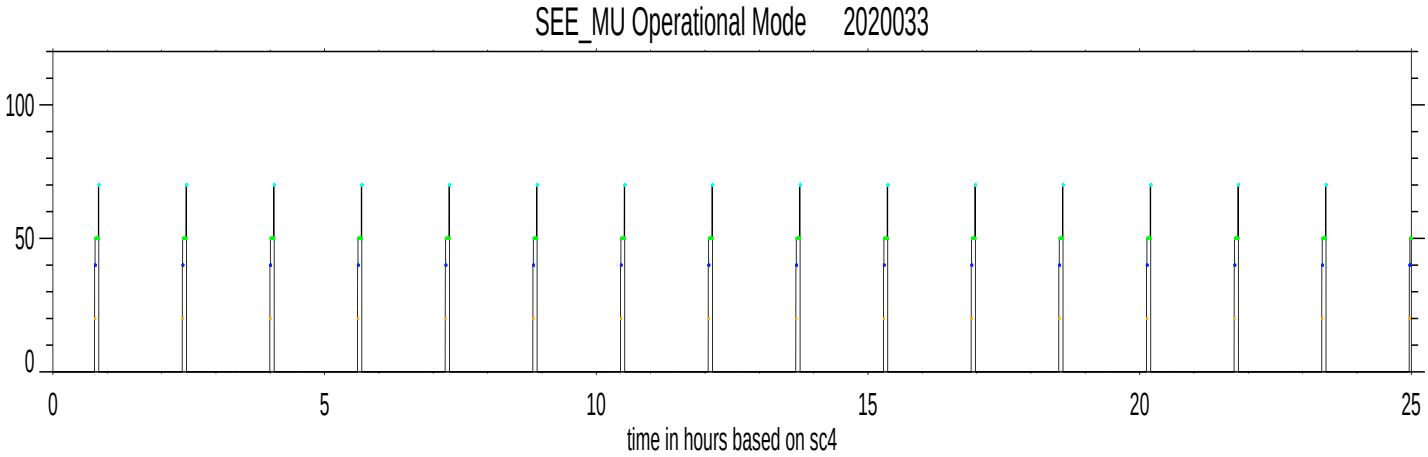
SSPP_BHND_XPS_TEMP 2020033



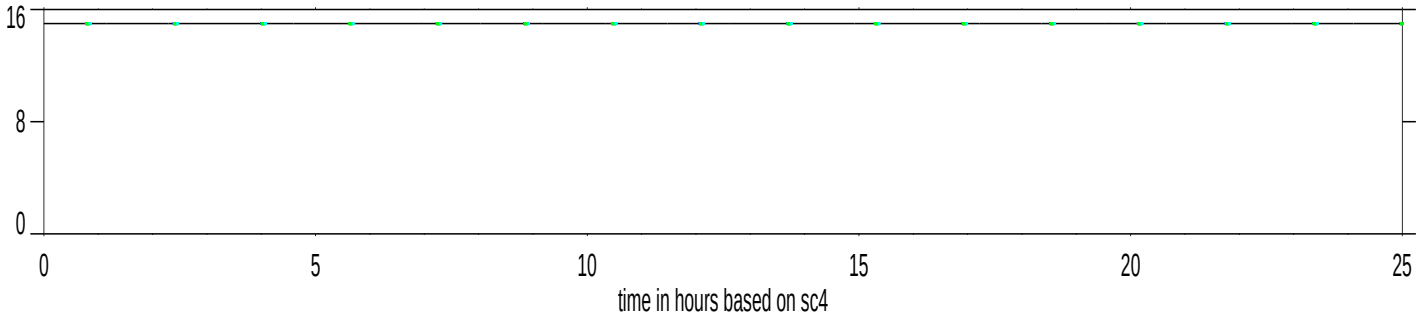

SSPP_BHND_MTR_TEMP 2020033
30
10
-10
0
5
10
15
20
25
time in hours based on sc7


SEE_PKT_COUNT 2020033
2×10^4
1×10^4
0
0
5
10
15
20
25
time in hours based on sc7

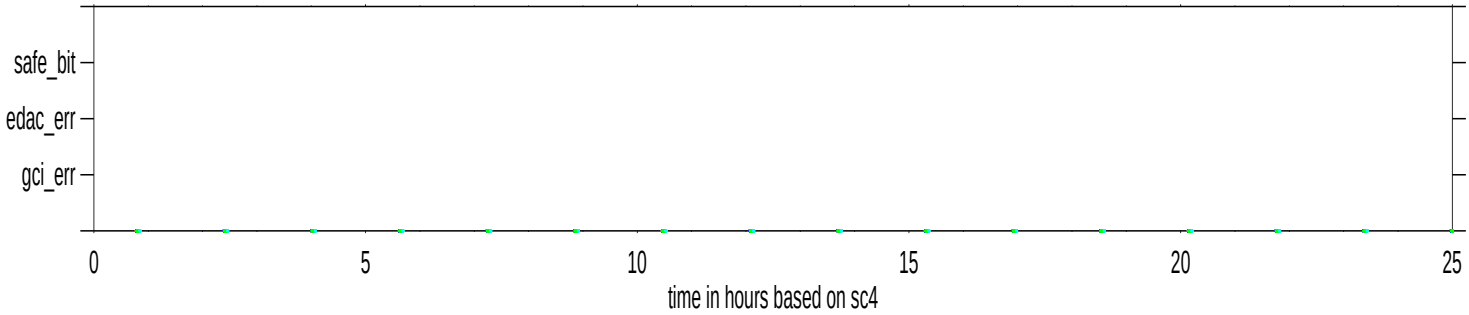

BUS_VOLTAGE 2020033
36
28
20
0
5
10
15
20
25
time in hours based on sc4


SEE_MU Operational Mode 2020033
100
50
0
0
5
10
15
20
25
time in hours based on sc4

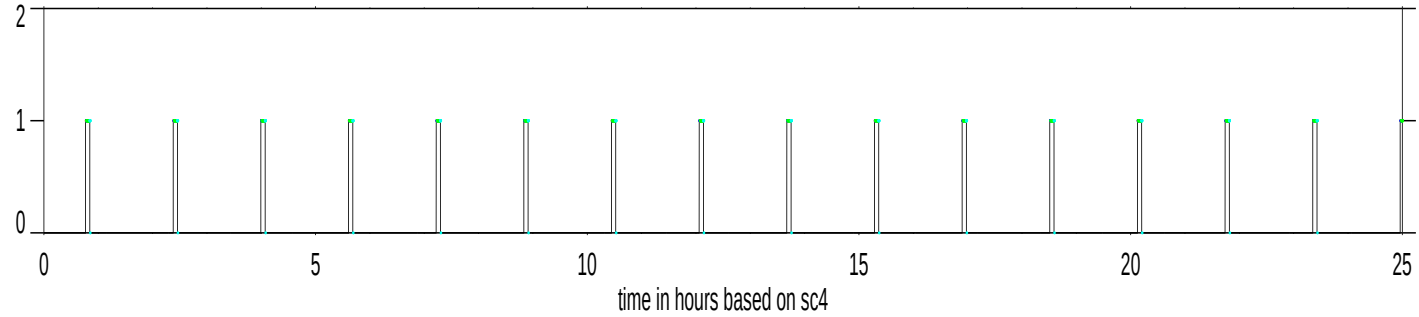
INTERNAL ERROR 2020033



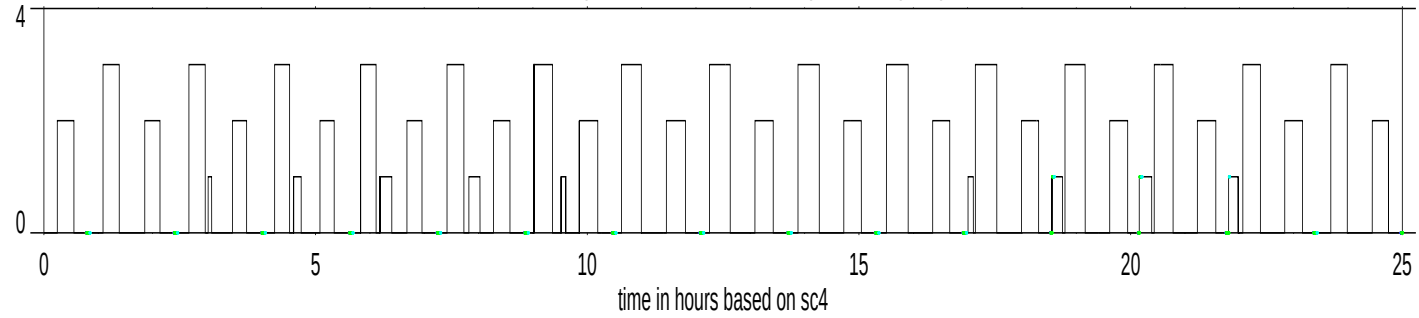
ERRORS 2020033



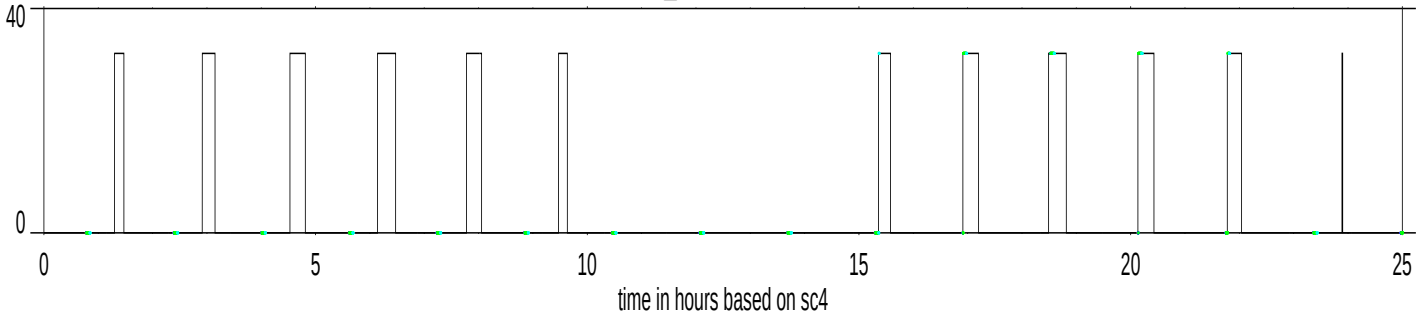
ODC STATUS 2020033

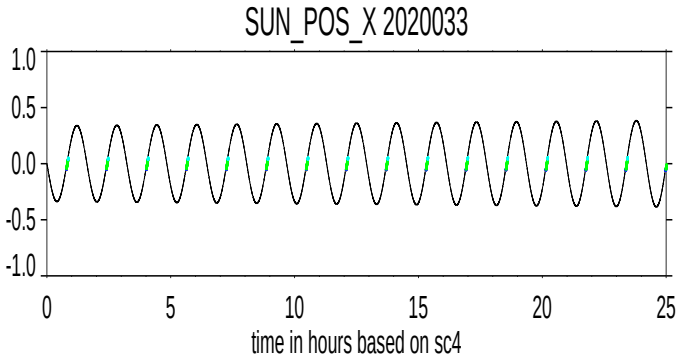


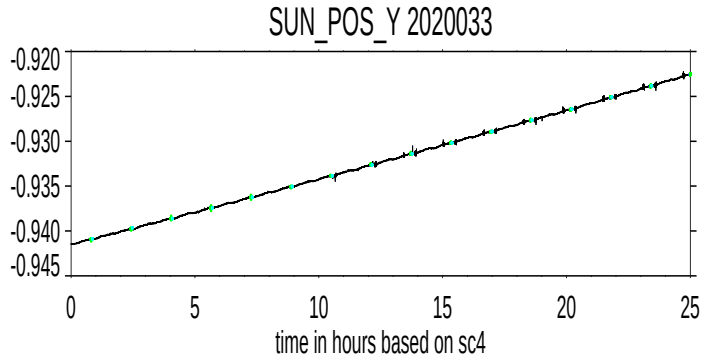
ZONES (0=non-saa,1=saa,2=n.pole,3=s.pole)

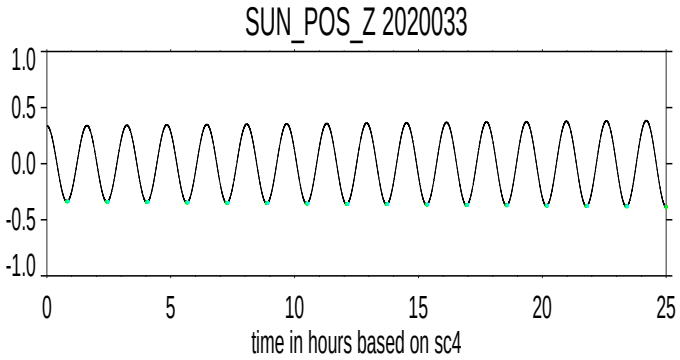


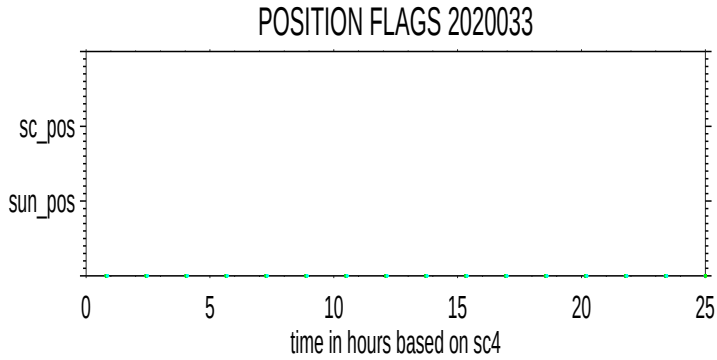
SAA_FLAG 2020033

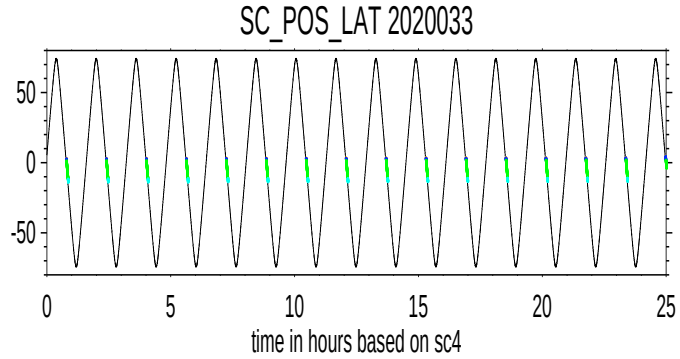


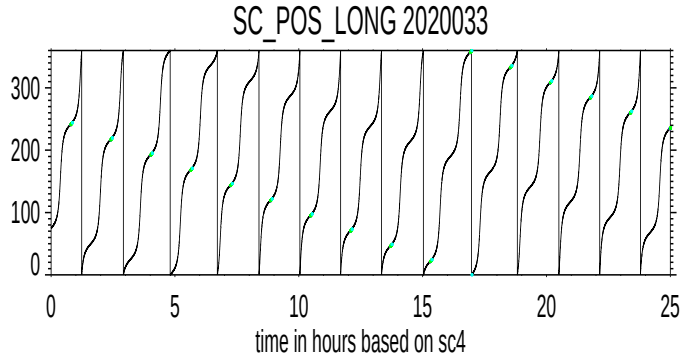

SUN_POS_X 2020033
1.0
0.5
0.0
-0.5
-1.0
0
5
10
15
20
25
time in hours based on sc4

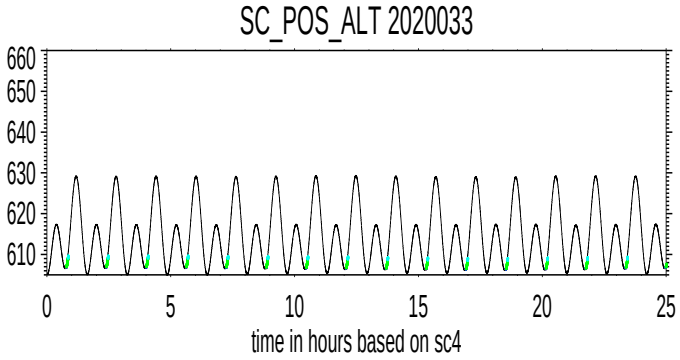

SUN_POS_Y 2020033
-0.920
-0.925
-0.930
-0.935
-0.940
-0.945
0
5
10
15
20
25
time in hours based on sc4

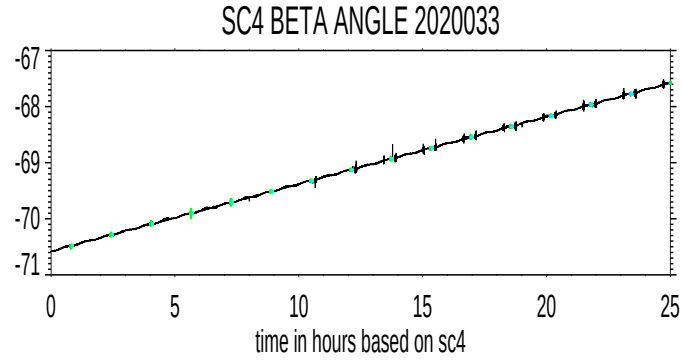

SUN_POS_Z 2020033
1.0
0.5
0.0
-0.5
-1.0
0
5
10
15
20
25
time in hours based on sc4


POSITION FLAGS 2020033
sc_pos
sun_pos
0
5
10
15
20
25
time in hours based on sc4


SC_POS_LAT 2020033
50
0
-50
0
5
10
15
20
25
time in hours based on sc4


SC_POS_LONG 2020033
300
200
100
0
0
5
10
15
20
25
time in hours based on sc4


SC_POS_ALT 2020033
660
650
640
630
620
610
0
5
10
15
20
25
time in hours based on sc4


SC4 BETA ANGLE 2020033
-67
-68
-69
-70
-71
0
5
10
15
20
25
time in hours based on sc4