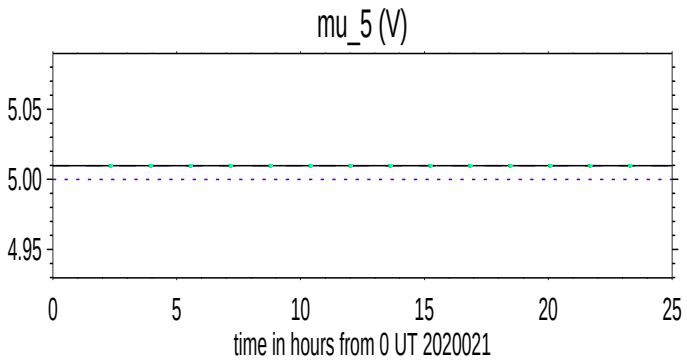
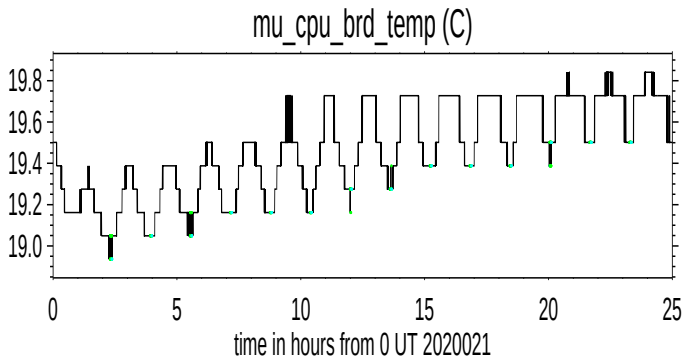
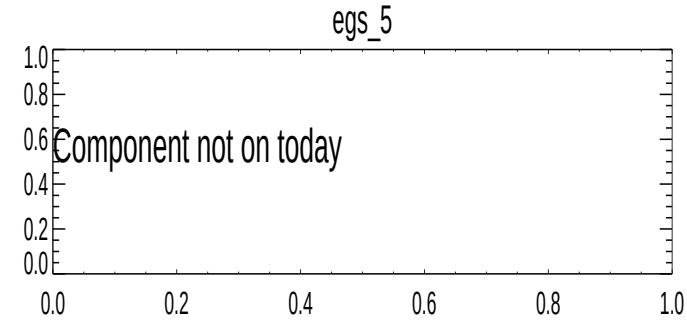
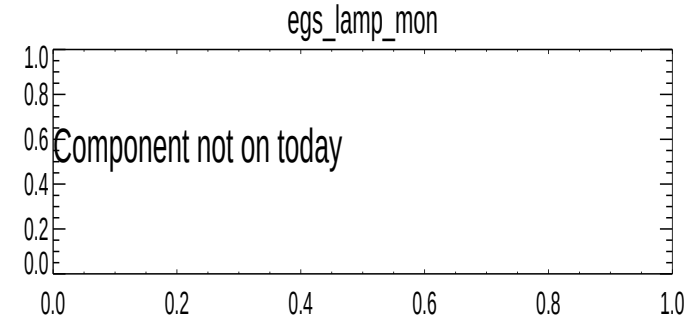
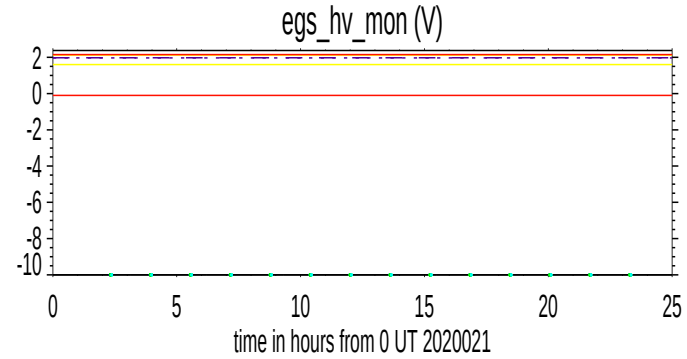
Information for 2020021

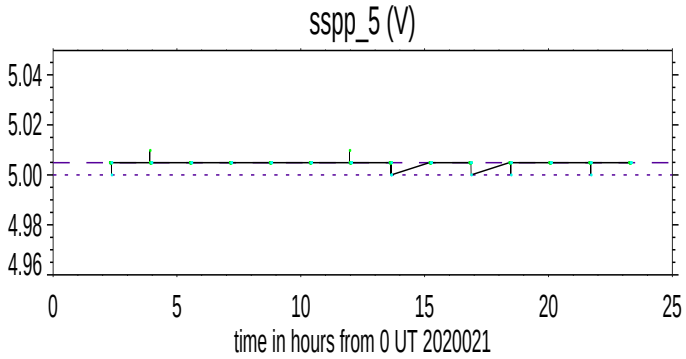

mu_5 (V)
5.05
5.00
4.95
0
5
10
15
20
25
time in hours from 0 UT 2020021

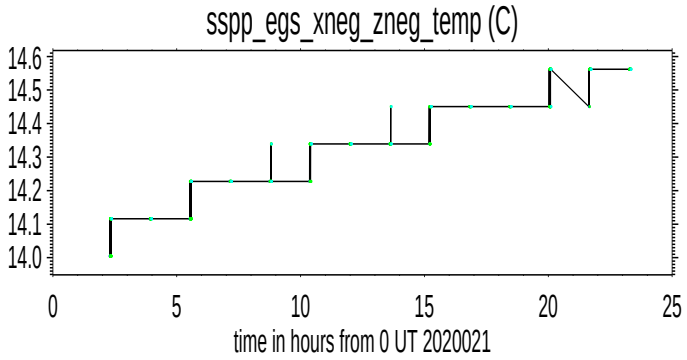

mu_cpu_brd_temp (C)
19.8
19.6
19.4
19.2
19.0
0
5
10
15
20
25
time in hours from 0 UT 2020021

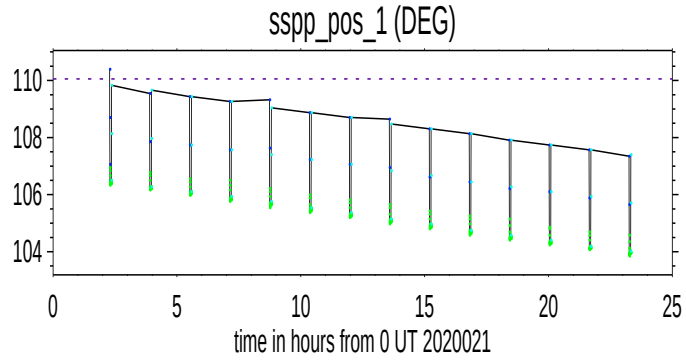

egs_5
1.0
0.8
0.6
0.4
0.2
0.0
Component not on today
0.0
0.2
0.4
0.6
0.8
1.0

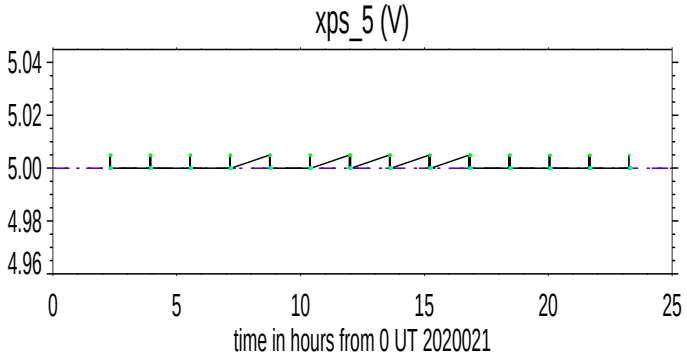

egs_lamp_mon
1.0
0.8
0.6
0.4
0.2
0.0
Component not on today
0.0
0.2
0.4
0.6
0.8
1.0

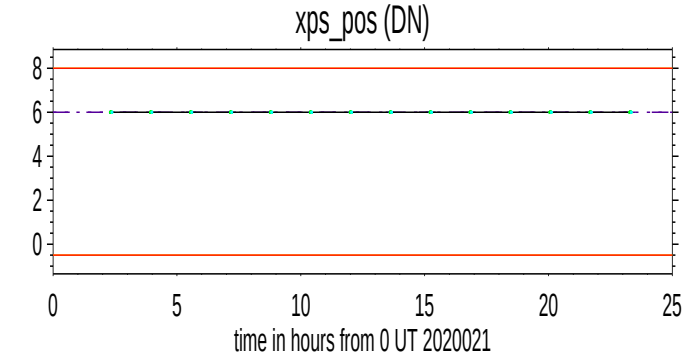

egs_hv_mon (V)
2
0
-2
-4
-6
-8
-10
0
5
10
15
20
25
time in hours from 0 UT 2020021

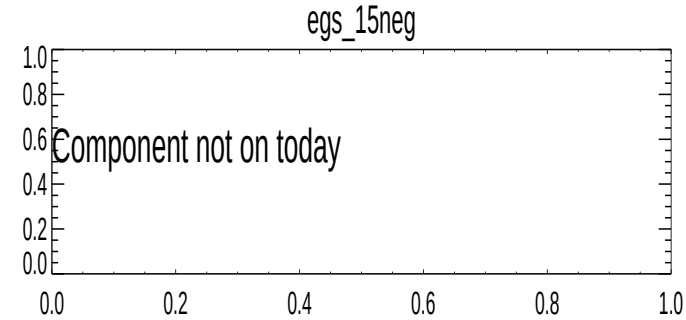

sspp_5 (V)
5.04
5.02
5.00
4.98
4.96
0
5
10
15
20
25
time in hours from 0 UT 2020021

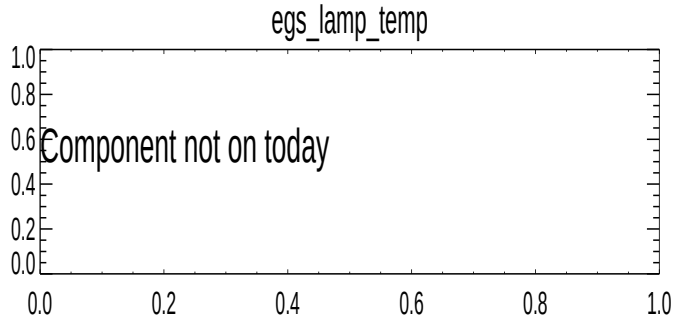

sspp_egs_xneg_zneg_temp (C)
14.6
14.5
14.4
14.3
14.2
14.1
14.0
0
5
10
15
20
25
time in hours from 0 UT 2020021

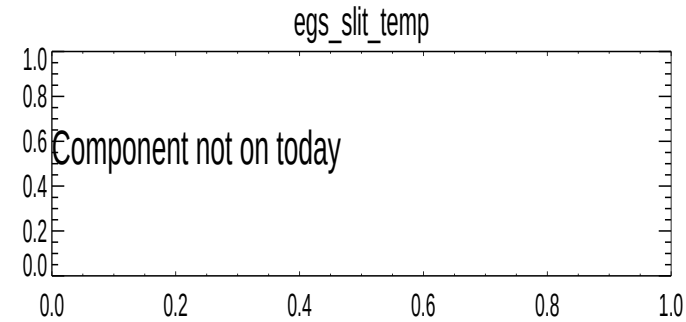

sspp_pos_1 (DEG)
110
108
106
104
0
5
10
15
20
25
time in hours from 0 UT 2020021

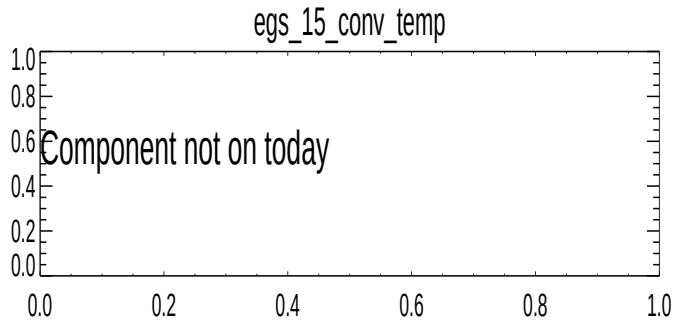

xps_5 (V)
5.04
5.02
5.00
4.98
4.96
0
5
10
15
20
25
time in hours from 0 UT 2020021

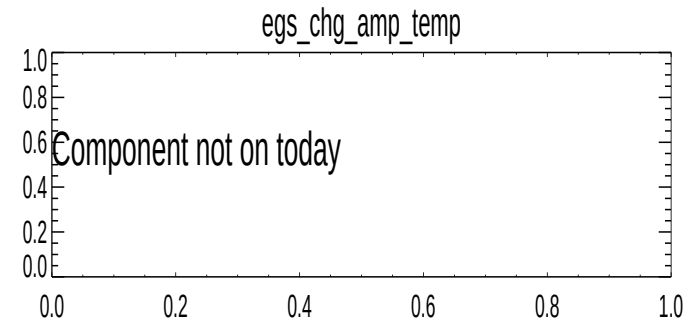

xps_pos (DN)
8
6
4
2
0
0
5
10
15
20
25
time in hours from 0 UT 2020021

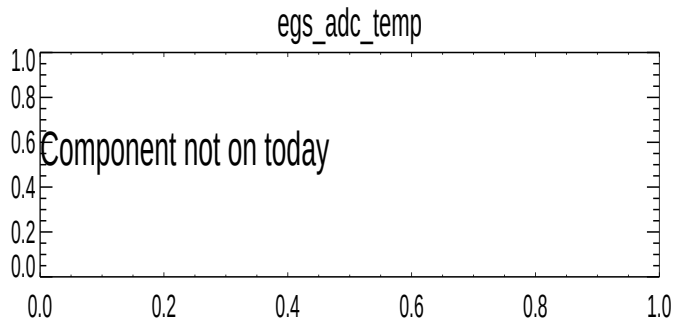

egs_15neg
Component not on today

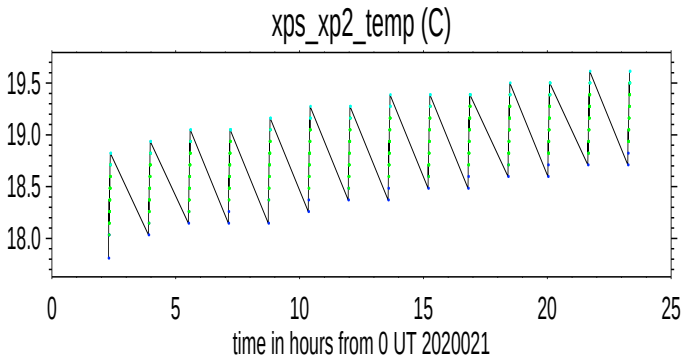

egs_lamp_temp
Component not on today

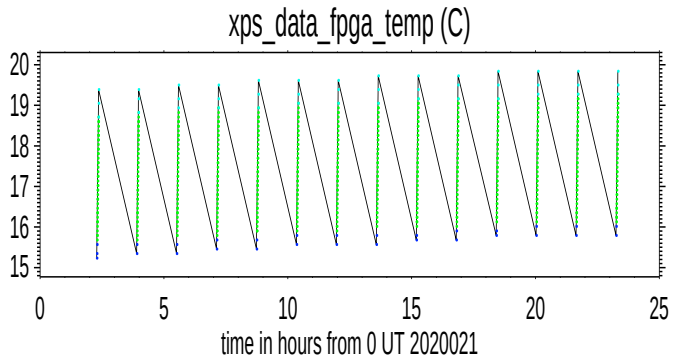

egs_slit_temp
Component not on today

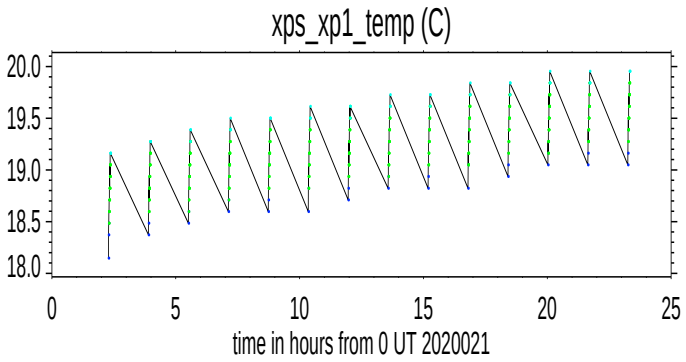

egs_15_conv_temp
Component not on today

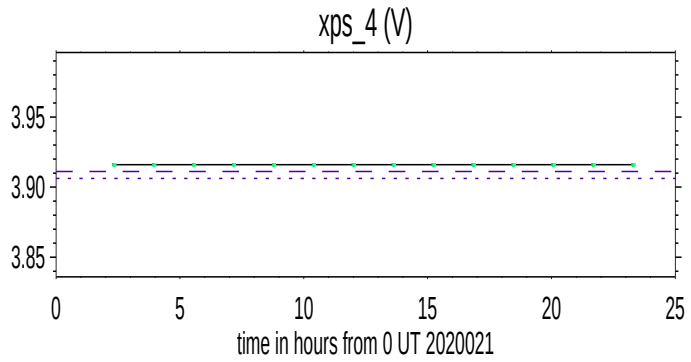

egs_chg_amp_temp
Component not on today

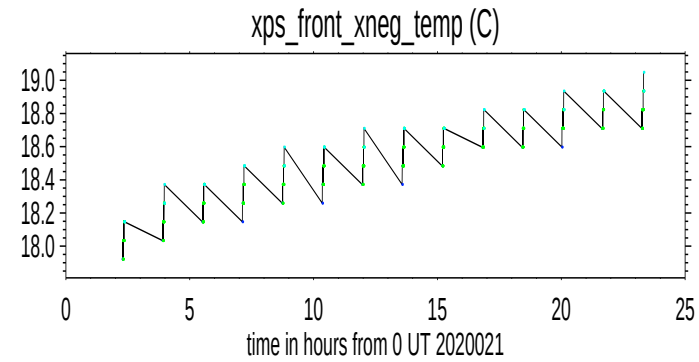

egs_adc_temp
Component not on today

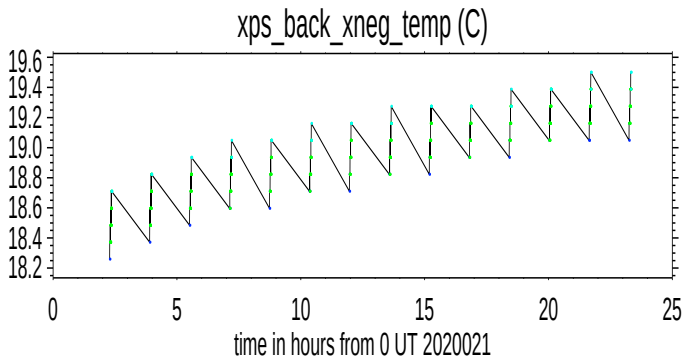

xps_xp2_temp (C)
time in hours from 0 UT 2020021

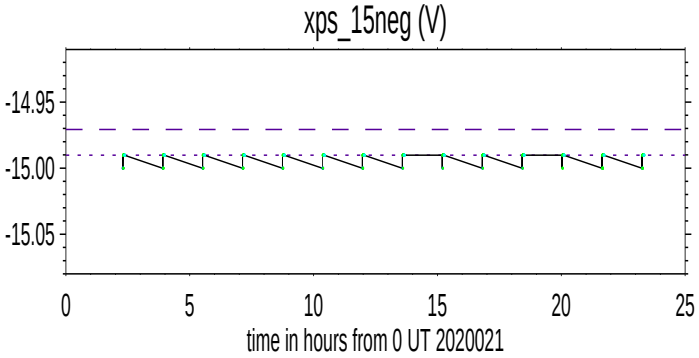

xps_data_fpga_temp (C)
time in hours from 0 UT 2020021

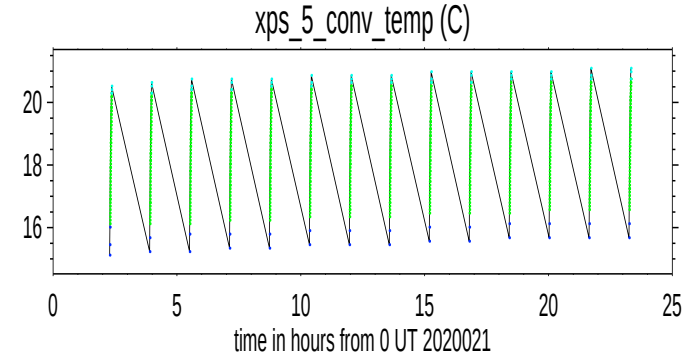

xps_xp1_temp (C)
time in hours from 0 UT 2020021

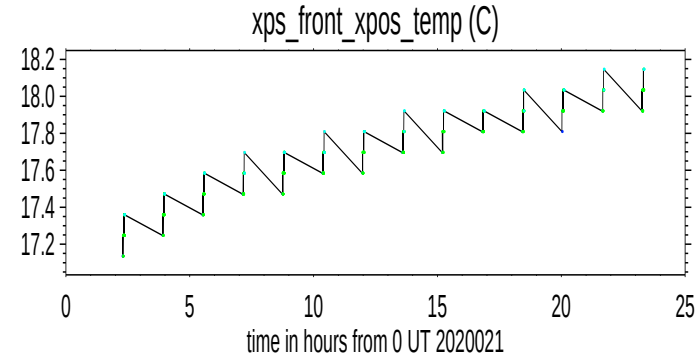

xps_4 (V)
time in hours from 0 UT 2020021

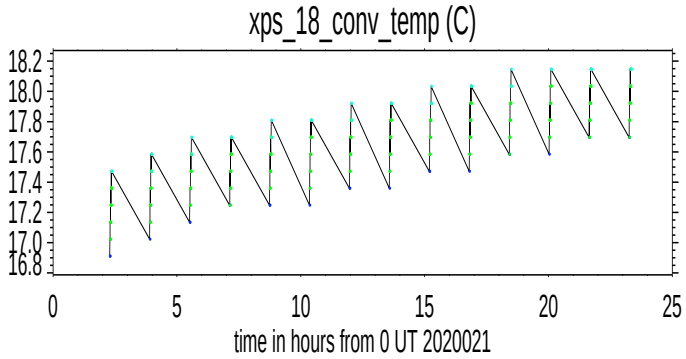

xps_front_xneg_temp (C)
19.0
18.8
18.6
18.4
18.2
18.0
0
5
10
15
20
25
time in hours from 0 UT 2020021

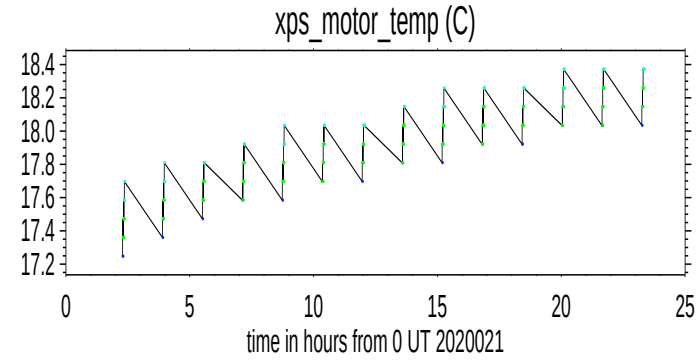

xps_back_xneg_temp (C)
19.6
19.4
19.2
19.0
18.8
18.6
18.4
18.2
0
5
10
15
20
25
time in hours from 0 UT 2020021

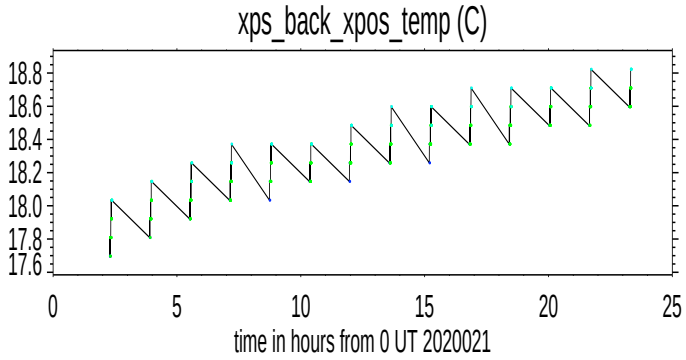

xps_15neg (V)
-14.95
-15.00
-15.05
0
5
10
15
20
25
time in hours from 0 UT 2020021

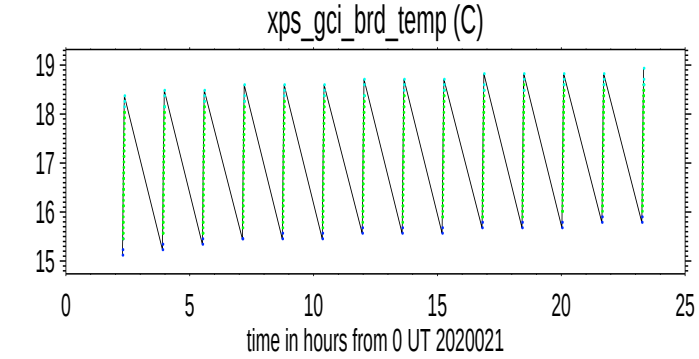

xps_5_conv_temp (C)
20
18
16
0
5
10
15
20
25
time in hours from 0 UT 2020021

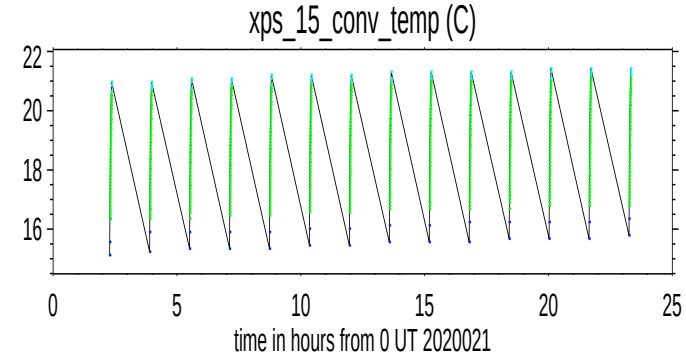

xps_front_xpos_temp (C)
18.2
18.0
17.8
17.6
17.4
17.2
0
5
10
15
20
25
time in hours from 0 UT 2020021

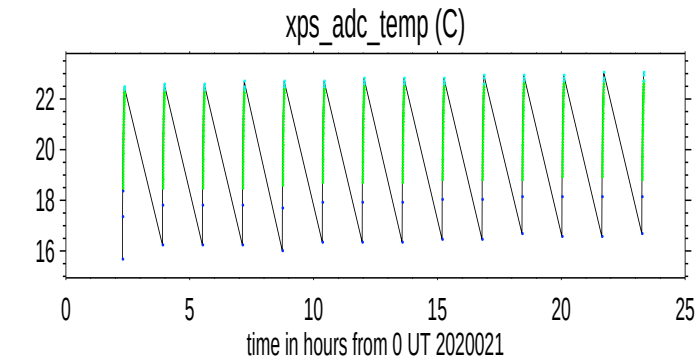

xps_18_conv_temp (C)
18.2
18.0
17.8
17.6
17.4
17.2
17.0
16.8
0
5
10
15
20
25
time in hours from 0 UT 2020021

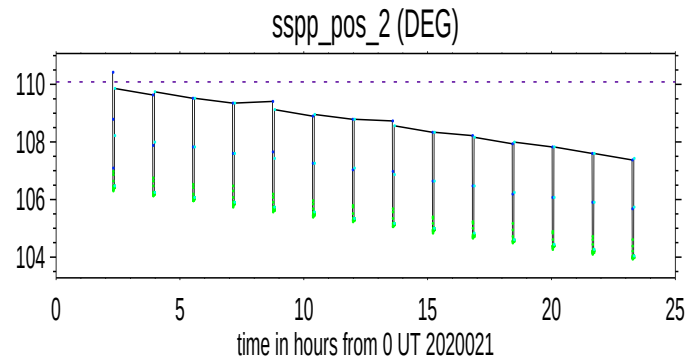

xps_motor_temp (C)
18.4
18.2
18.0
17.8
17.6
17.4
17.2
0
5
10
15
20
25
time in hours from 0 UT 2020021

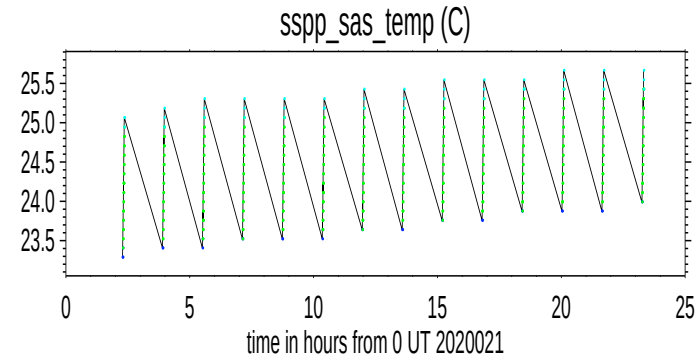

xps_back_xpos_temp (C)
18.8
18.6
18.4
18.2
18.0
17.8
17.6
0
5
10
15
20
25
time in hours from 0 UT 2020021

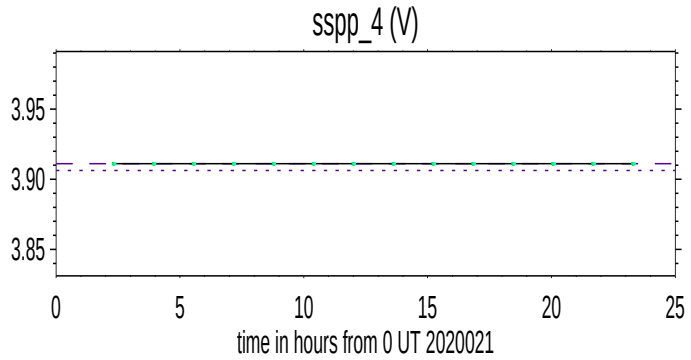

xps_gci_brd_temp (C)
19
18
17
16
15
0
5
10
15
20
25
time in hours from 0 UT 2020021

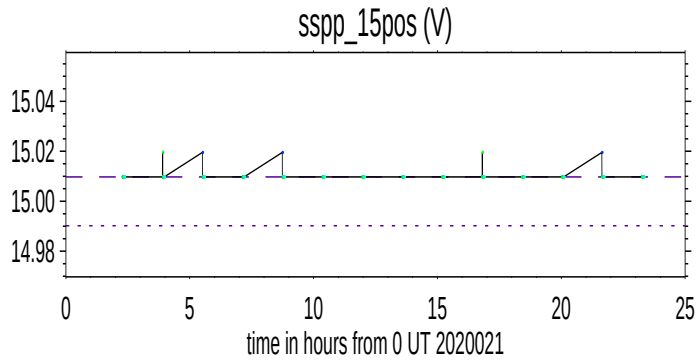

xps_15_conv_temp (C)
22
20
18
16
0
5
10
15
20
25
time in hours from 0 UT 2020021

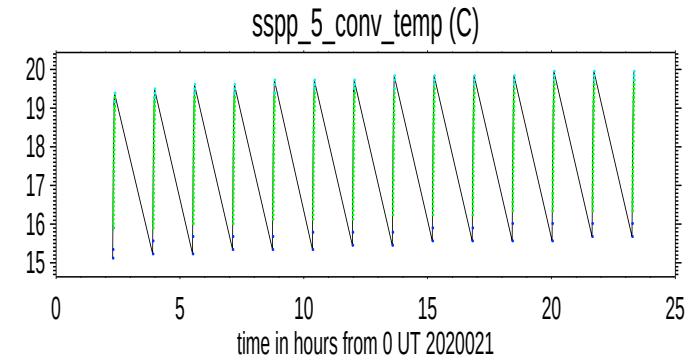

xps_adc_temp (C)
22
20
18
16
0
5
10
15
20
25
time in hours from 0 UT 2020021

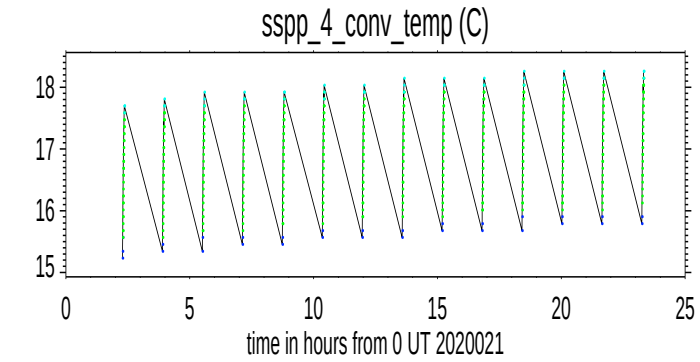

sspp_pos_2 (DEG)
110
108
106
104
0
5
10
15
20
25
time in hours from 0 UT 2020021

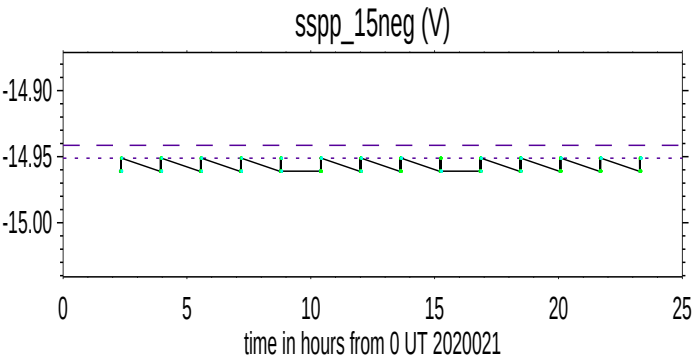

sspp_sas_temp (C)
25.5
25.0
24.5
24.0
23.5
0
5
10
15
20
25
time in hours from 0 UT 2020021

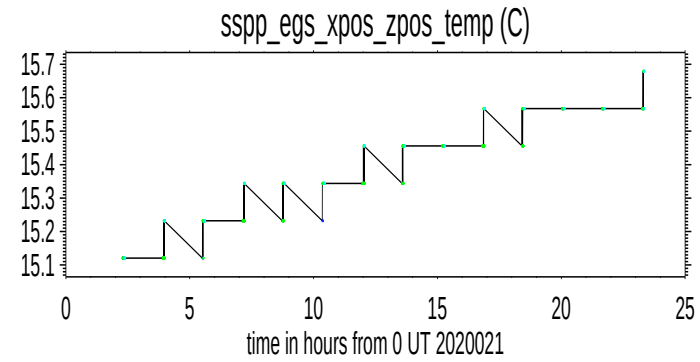

sspp_4 (V)
3.95
3.90
3.85
0
5
10
15
20
25
time in hours from 0 UT 2020021

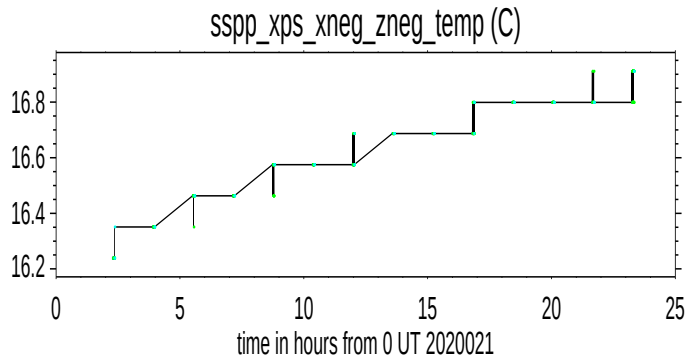

sspp_15pos (V)
15.04
15.02
15.00
14.98
0
5
10
15
20
25
time in hours from 0 UT 2020021

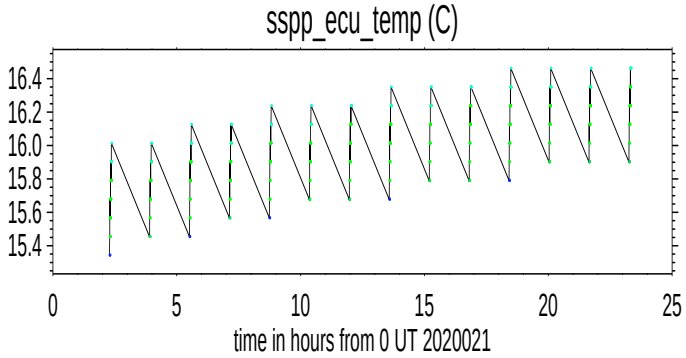

sspp_5_conv_temp (C)
20
19
18
17
16
15
0
5
10
15
20
25
time in hours from 0 UT 2020021

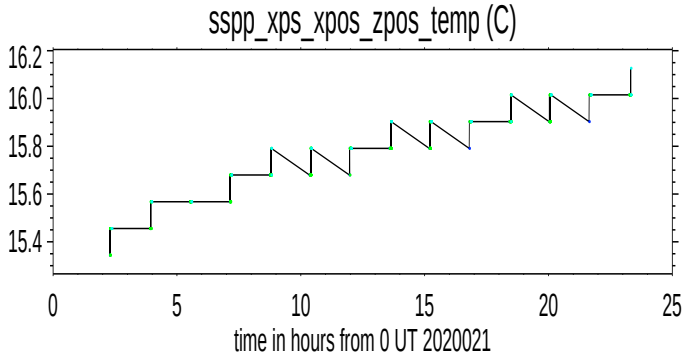

sspp_4_conv_temp (C)
18
17
16
15
0
5
10
15
20
25
time in hours from 0 UT 2020021

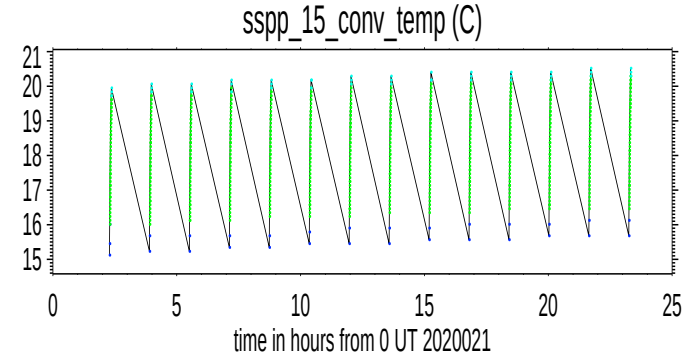

sspp_15neg (V)
-14.90
-14.95
-15.00
0
5
10
15
20
25
time in hours from 0 UT 2020021

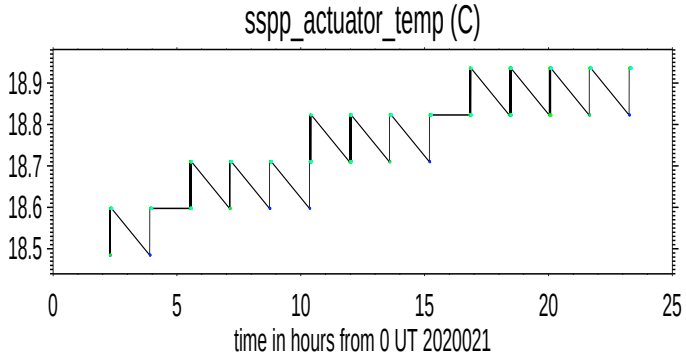

sspp_egs_xpos_zpos_temp (C)
15.7
15.6
15.5
15.4
15.3
15.2
15.1
0
5
10
15
20
25
time in hours from 0 UT 2020021

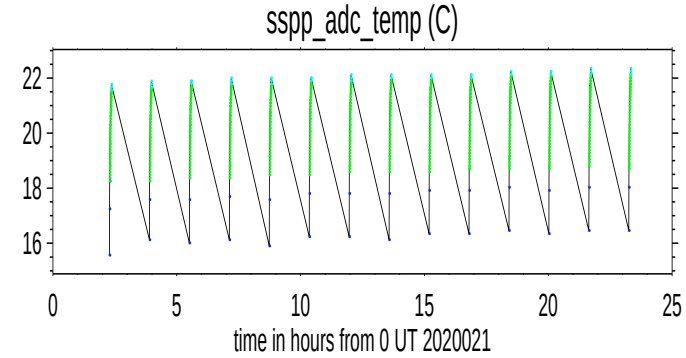

sspp_xps_xneg_zneg_temp (C)
16.8
16.6
16.4
16.2
0
5
10
15
20
25
time in hours from 0 UT 2020021

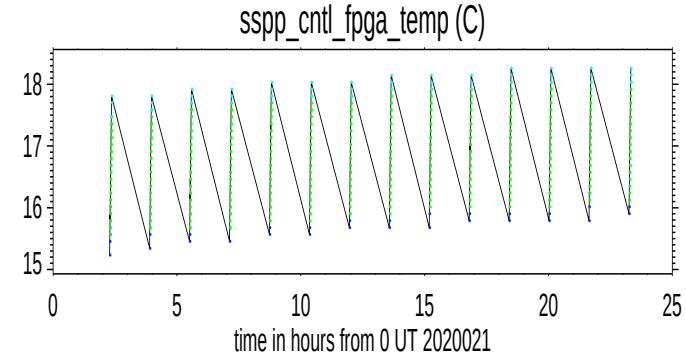

sspp_ecu_temp (C)
16.4
16.2
16.0
15.8
15.6
15.4
0
5
10
15
20
25
time in hours from 0 UT 2020021

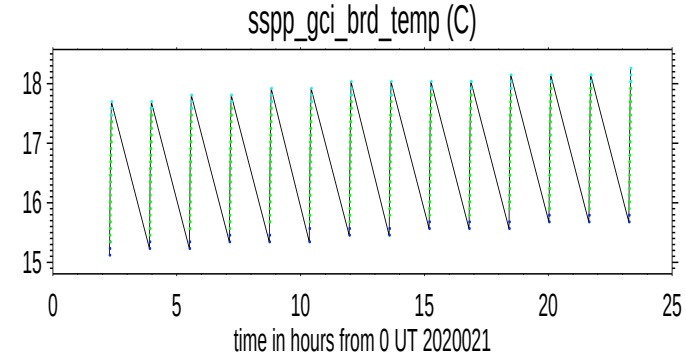

sspp_xps_xpos_zpos_temp (C)
16.2
16.0
15.8
15.6
15.4
0
5
10
15
20
25
time in hours from 0 UT 2020021

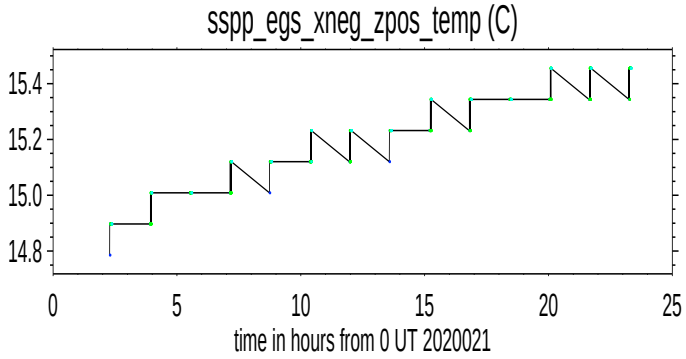

sspp_15_conv_temp (C)
21
20
19
18
17
16
15
0
5
10
15
20
25
time in hours from 0 UT 2020021

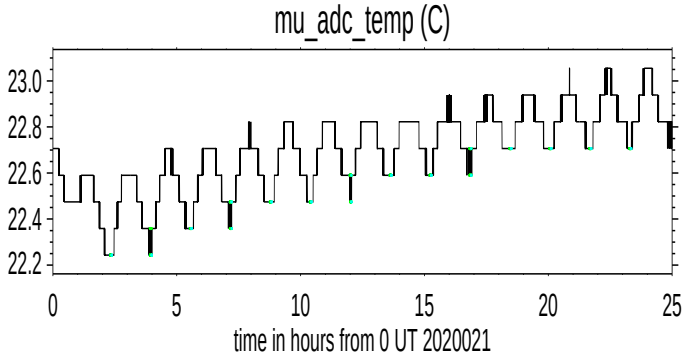

sspp_actuator_temp (C)
18.9
18.8
18.7
18.6
18.5
0
5
10
15
20
25
time in hours from 0 UT 2020021

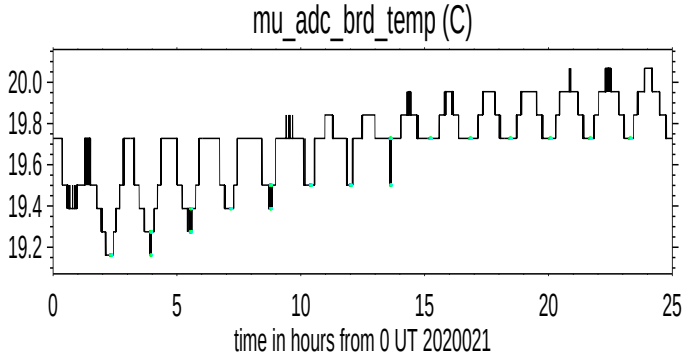

sspp_adc_temp (C)
22
20
18
16
0
5
10
15
20
25
time in hours from 0 UT 2020021

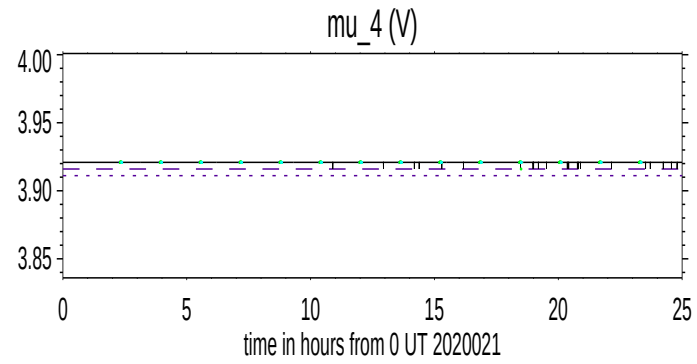

sspp_cntl_fpga_temp (C)
18
17
16
15
0
5
10
15
20
25
time in hours from 0 UT 2020021

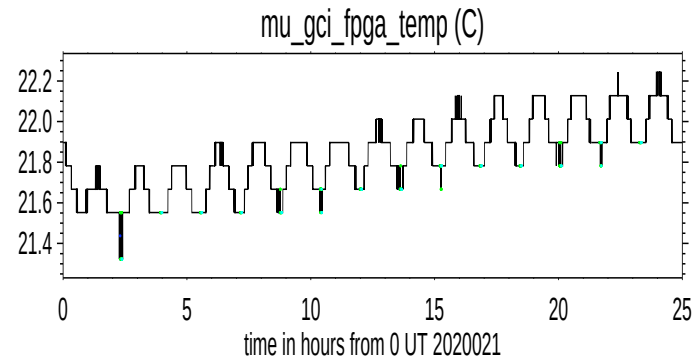

sspp_gci_brd_temp (C)
18
17
16
15
0
5
10
15
20
25
time in hours from 0 UT 2020021

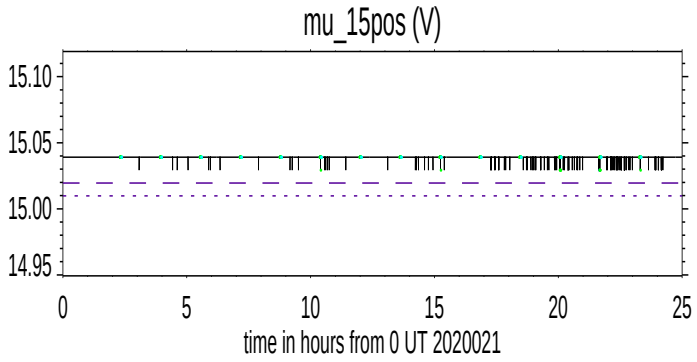

sspp_egs_xneg_zpos_temp (C)
15.4
15.2
15.0
14.8
0
5
10
15
20
25
time in hours from 0 UT 2020021

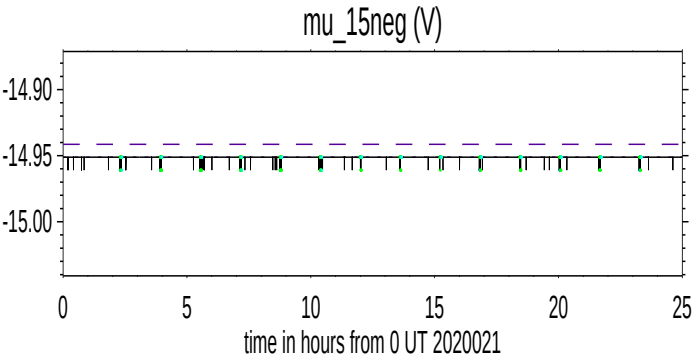

mu_adc_temp (C)
23.0
22.8
22.6
22.4
22.2
0
5
10
15
20
25
time in hours from 0 UT 2020021

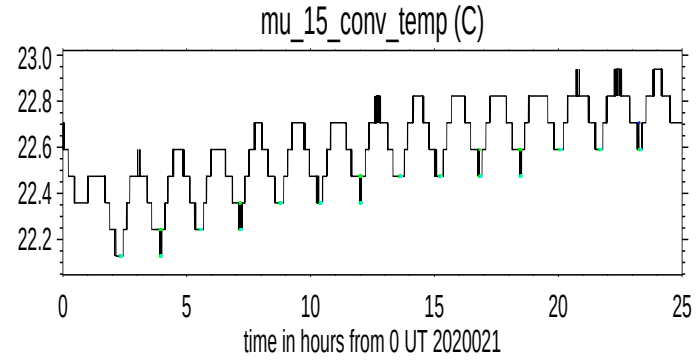

mu_adc_brd_temp (C)
20.0
19.8
19.6
19.4
19.2
0
5
10
15
20
25
time in hours from 0 UT 2020021

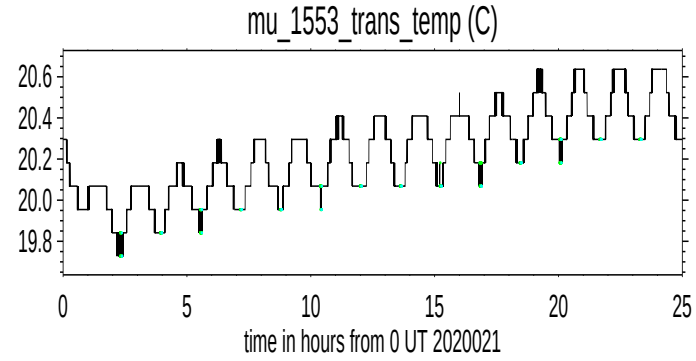

mu_4 (V)
4.00
3.95
3.90
3.85
0
5
10
15
20
25
time in hours from 0 UT 2020021

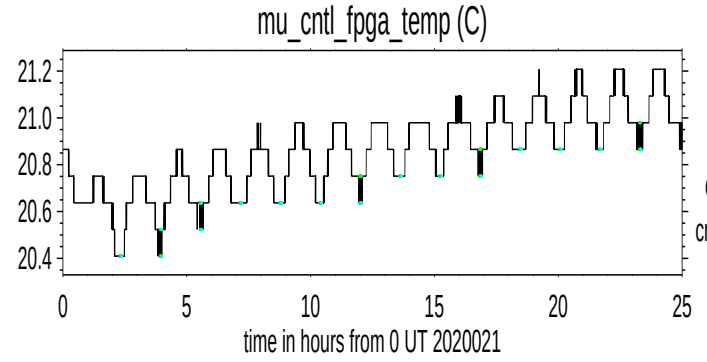

mu_gci_fpga_temp (C)
22.2
22.0
21.8
21.6
21.4
0
5
10
15
20
25
time in hours from 0 UT 2020021

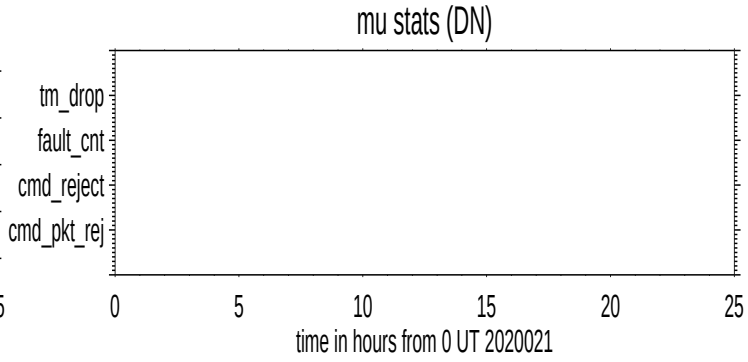

mu_15pos (V)
15.10
15.05
15.00
14.95
0
5
10
15
20
25
time in hours from 0 UT 2020021

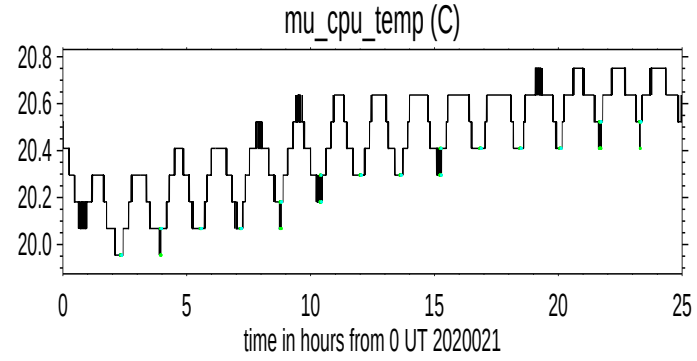

mu_15neg (V)
-14.90
-14.95
-15.00
0
5
10
15
20
25
time in hours from 0 UT 2020021

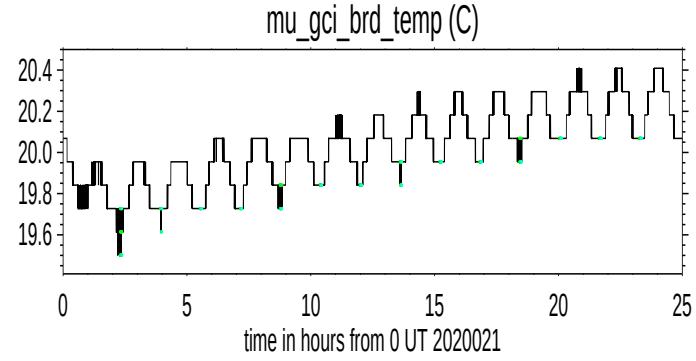

mu_15_conv_temp (C)
23.0
22.8
22.6
22.4
22.2
0
5
10
15
20
25
time in hours from 0 UT 2020021

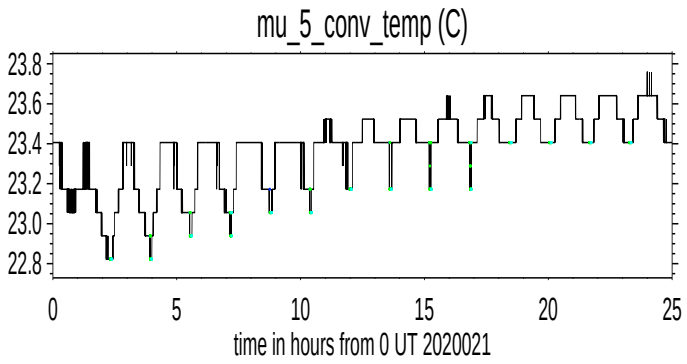

mu_1553_trans_temp (C)
20.6
20.4
20.2
20.0
19.8
0
5
10
15
20
25
time in hours from 0 UT 2020021

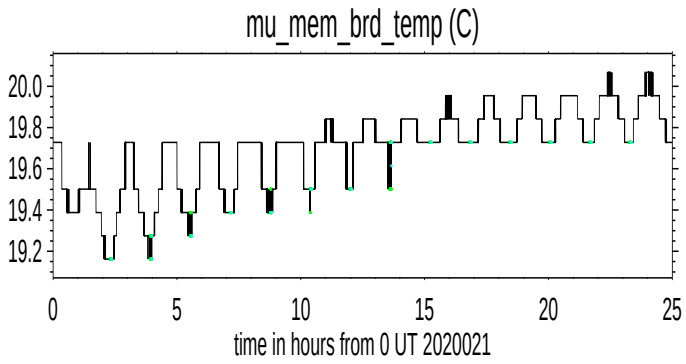

mu_cntl_fpga_temp (C)
21.2
21.0
20.8
20.6
20.4
0
5
10
15
20
25
time in hours from 0 UT 2020021

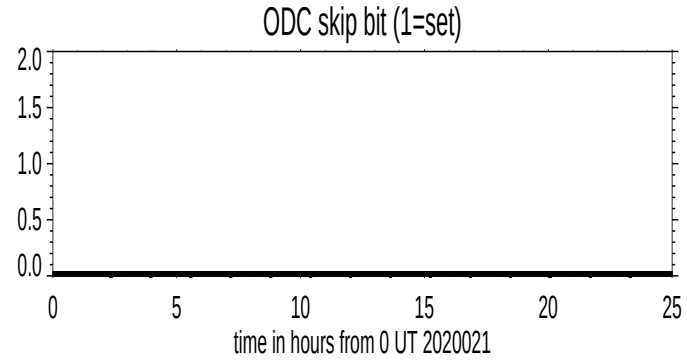

mu stats (DN)
tm_drop
fault_cnt
cmd_reject
cmd_pkt_rej
0
5
10
15
20
25
time in hours from 0 UT 2020021

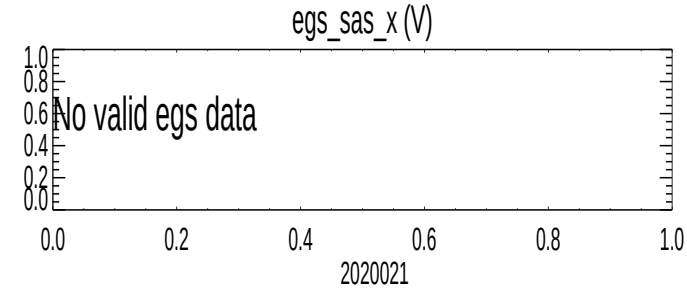

mu_cpu_temp (C)
20.8
20.6
20.4
20.2
20.0
0
5
10
15
20
25
time in hours from 0 UT 2020021

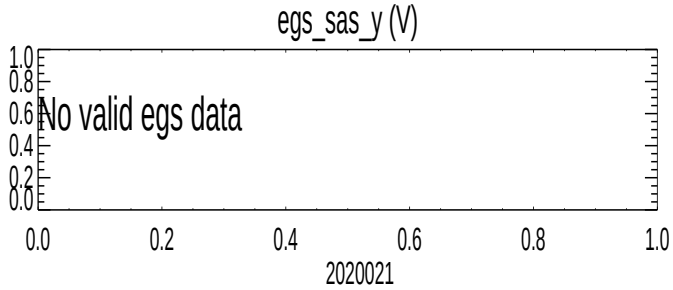

mu_gci_brd_temp (C)
20.4
20.2
20.0
19.8
19.6
0
5
10
15
20
25
time in hours from 0 UT 2020021

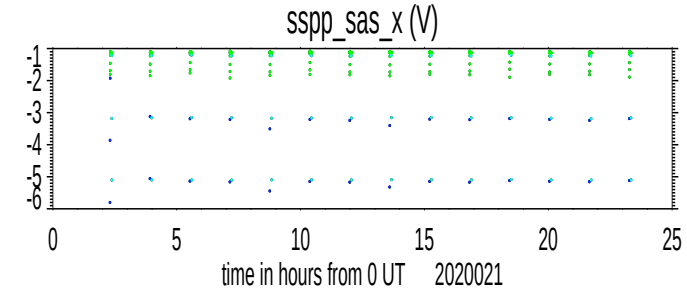

mu_5_conv_temp (C)
23.8
23.6
23.4
23.2
23.0
22.8
0
5
10
15
20
25
time in hours from 0 UT 2020021

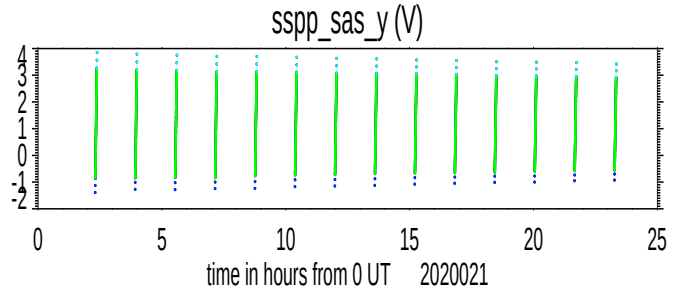

mu_mem_brd_temp (C)
20.0
19.8
19.6
19.4
19.2
0
5
10
15
20
25
time in hours from 0 UT 2020021

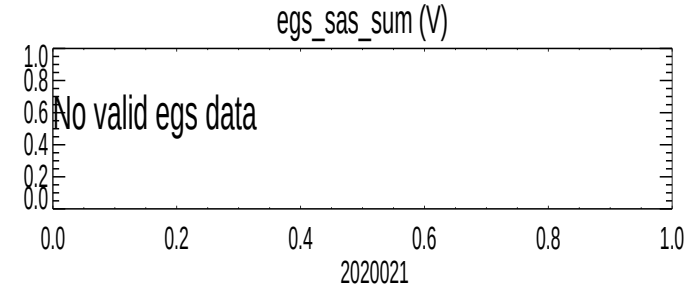

ODC skip bit (1=set)
2.0
1.5
1.0
0.5
0.0
0
5
10
15
20
25
time in hours from 0 UT 2020021

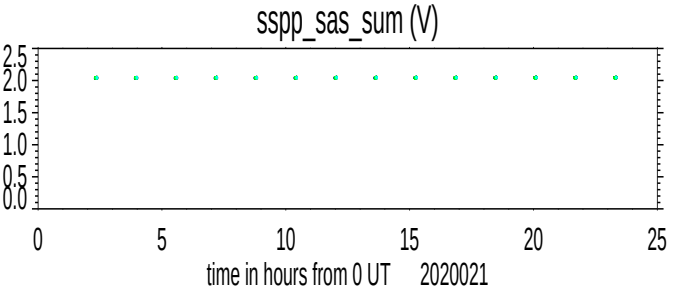

egs_sas_x (V)
No valid egs data
2020021

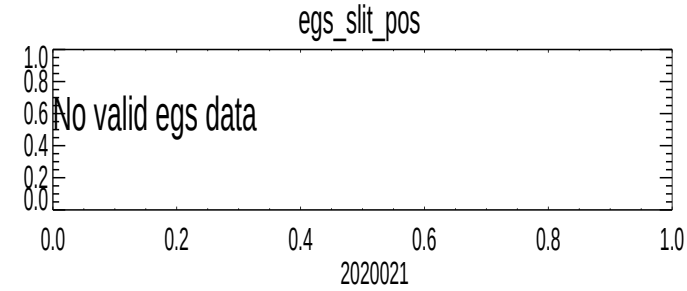

egs_sas_y (V)
No valid egs data
2020021

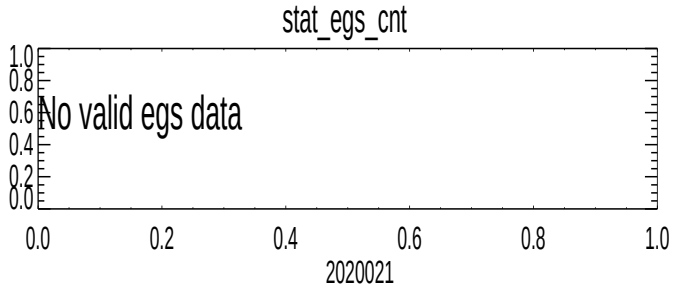

sspp_sas_x (V)
time in hours from 0 UT 2020021

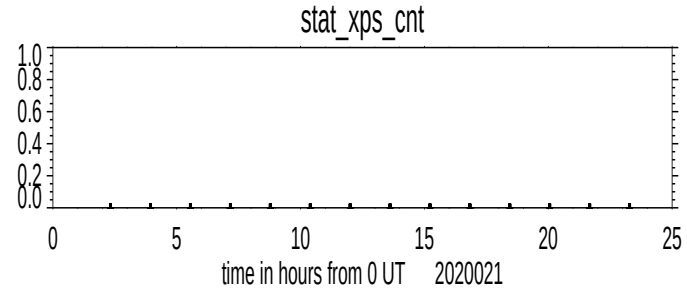

sspp_sas_y (V)
time in hours from 0 UT 2020021

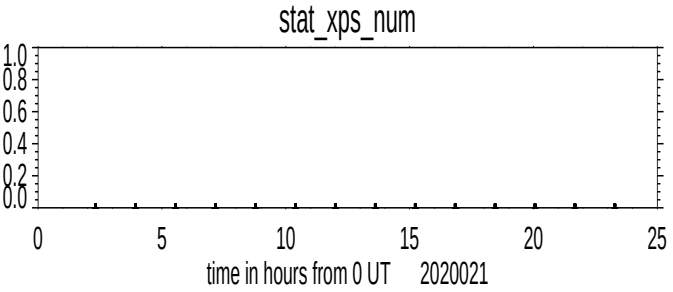

egs_sas_sum (V)
No valid egs data
2020021

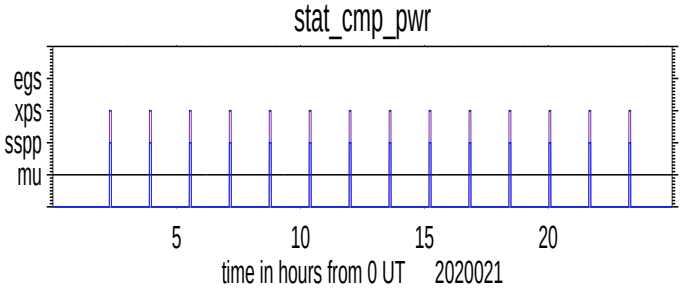

sspp_sas_sum (V)
time in hours from 0 UT 2020021


egs_slit_pos
No valid egs data
2020021

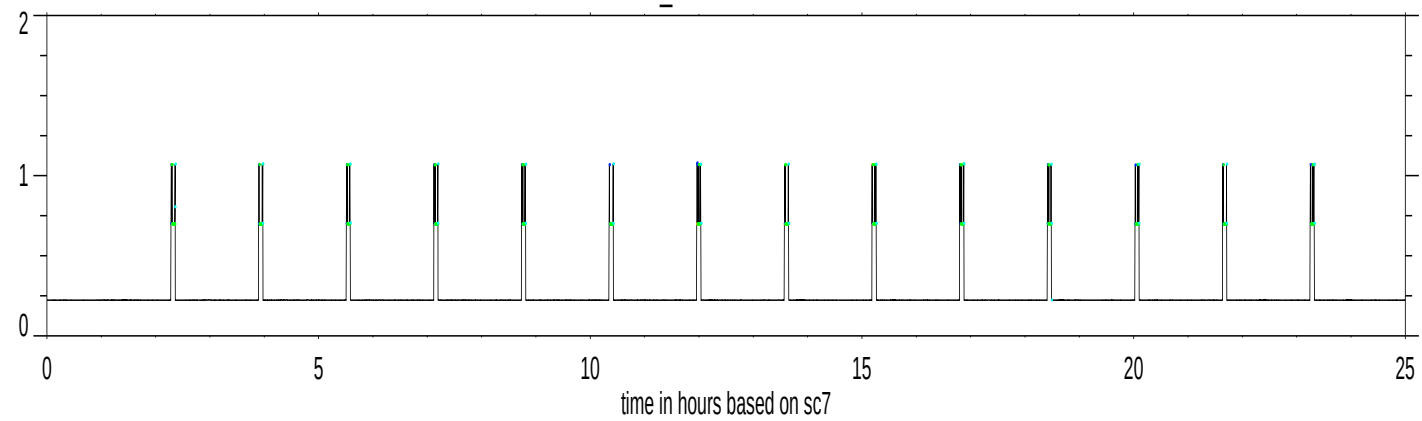

stat_egs_cnt
No valid egs data
2020021


stat_xps_cnt
time in hours from 0 UT 2020021

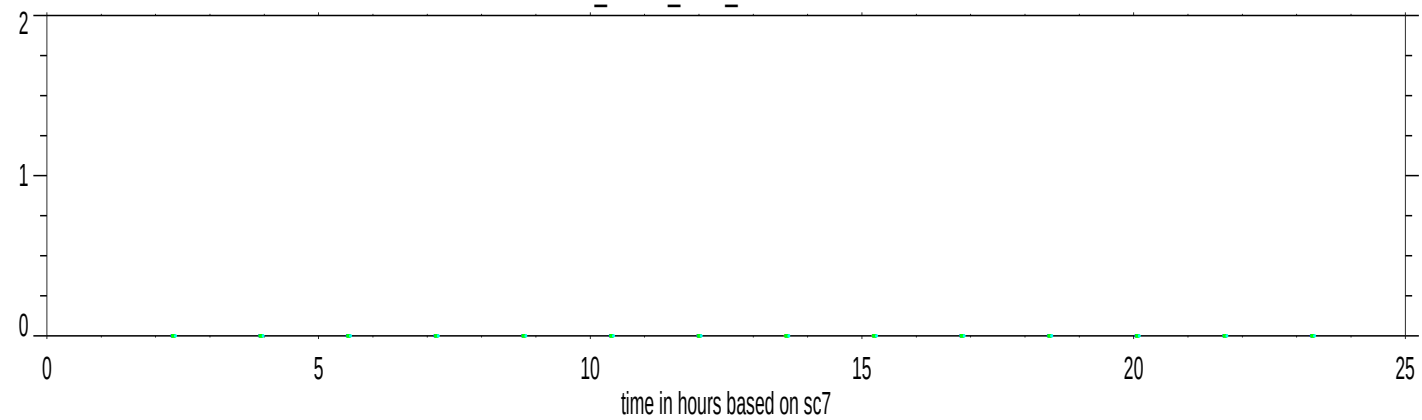

stat_xps_num
time in hours from 0 UT 2020021


stat_cmp_pwr
egs
xps
sspp
mu
time in hours from 0 UT 2020021

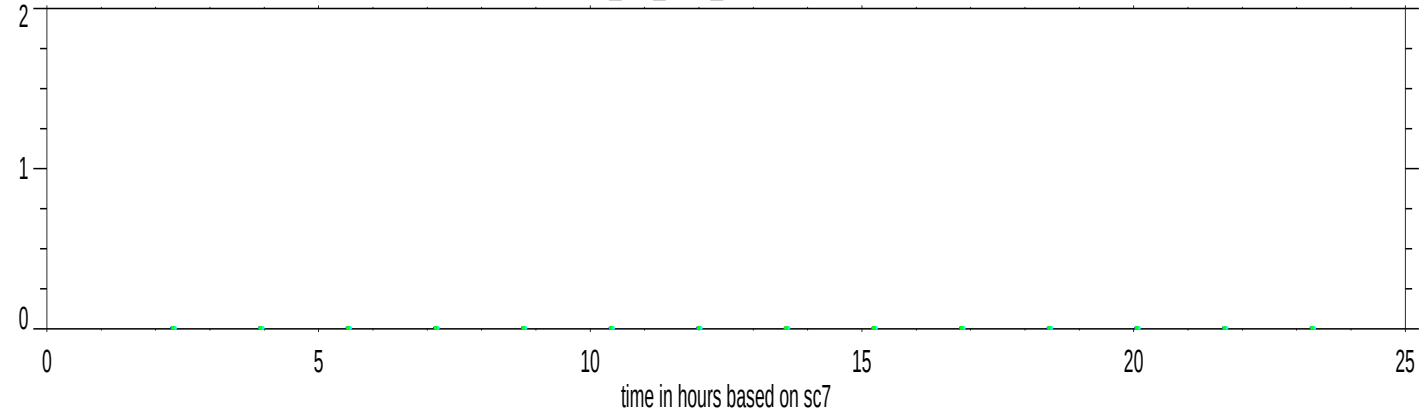
SEE_CUR 2020021



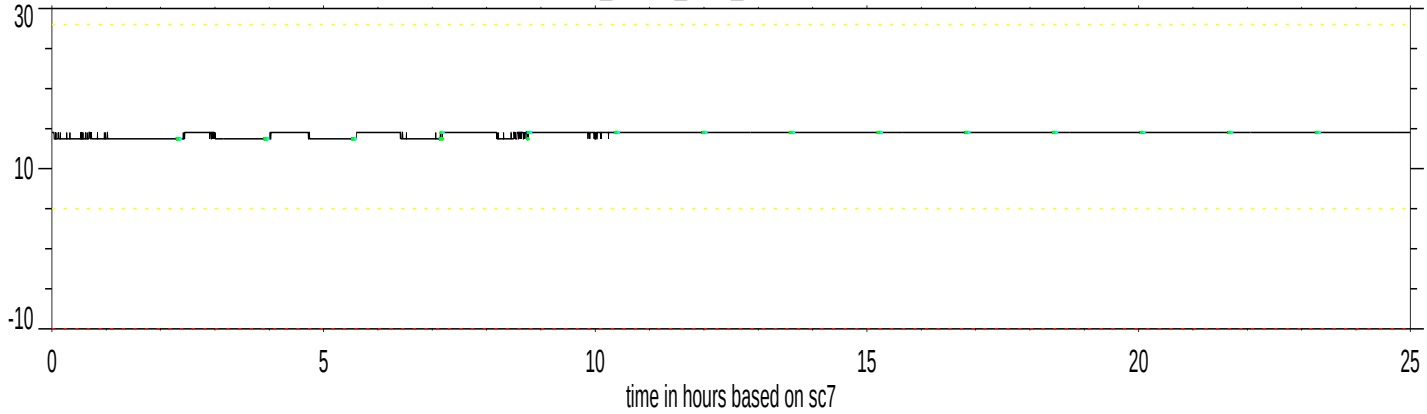
SEE_SURV_HTR_CUR 2020021



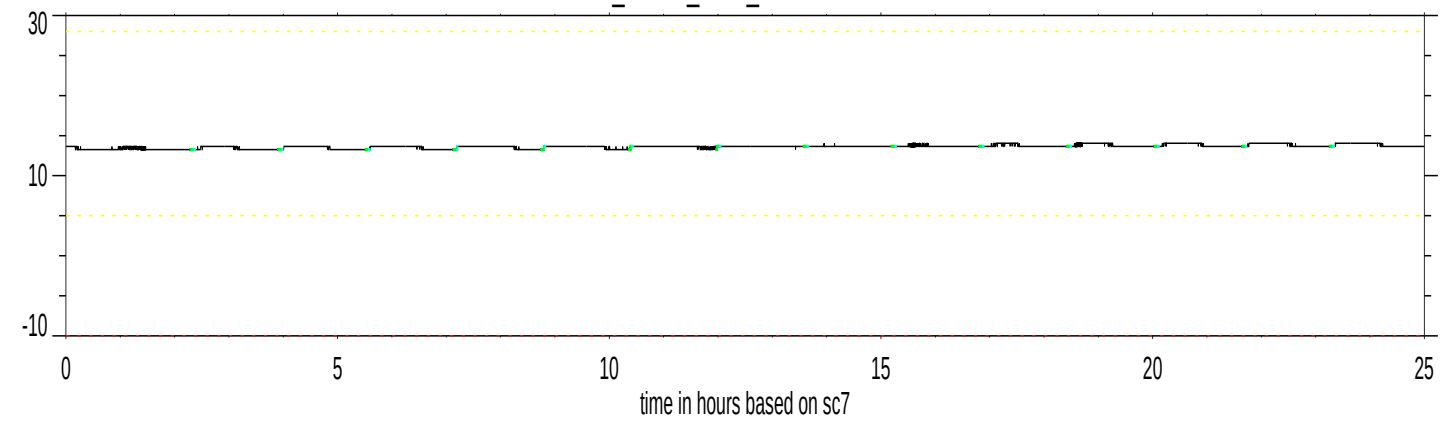
SEE_OP_HTR_CUR 2020021



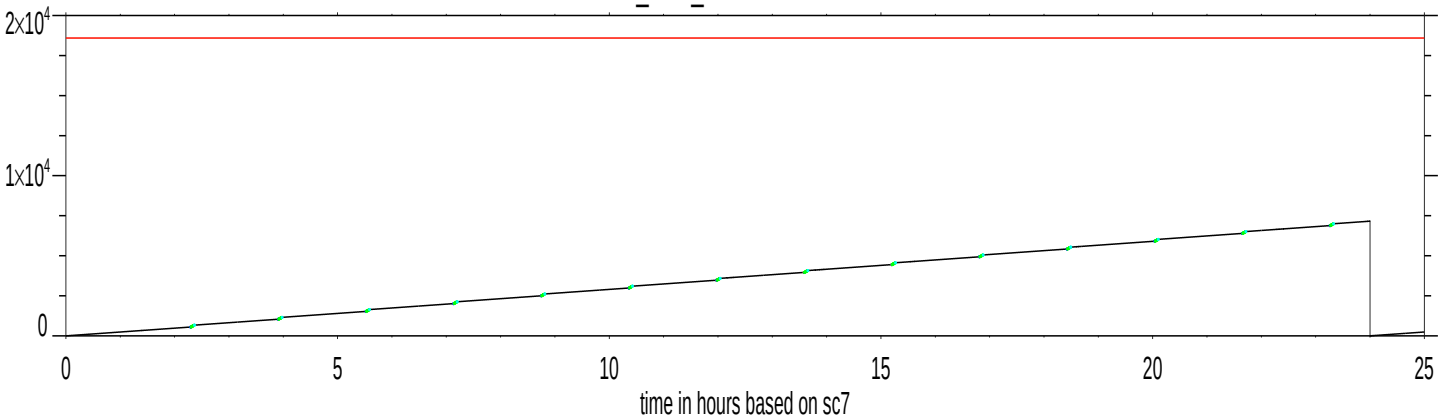
SSPP_BHND_XPS_TEMP 2020021



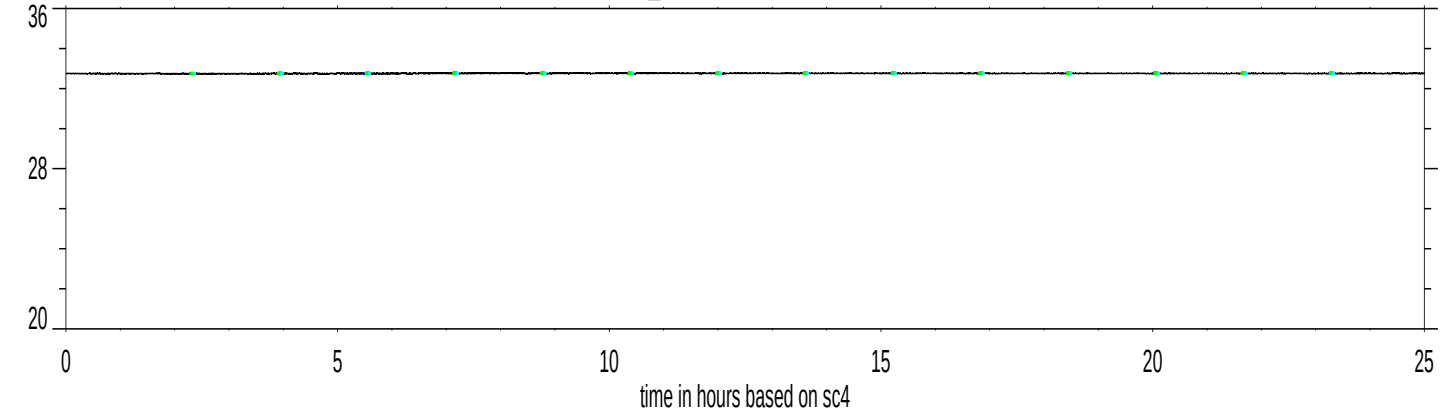
SSPP_BHND_MTR_TEMP 2020021



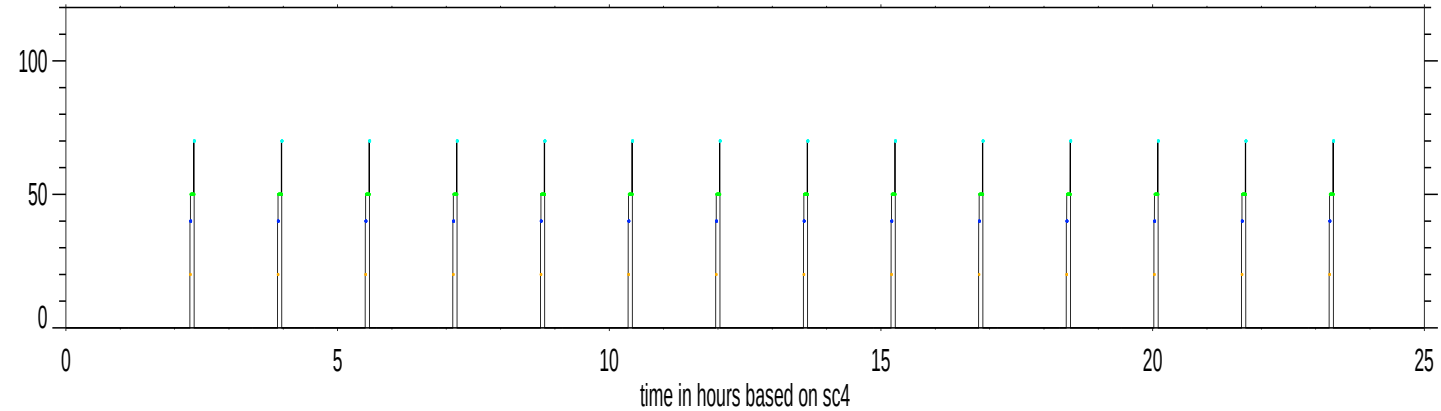
SEE_PKT_COUNT 2020021

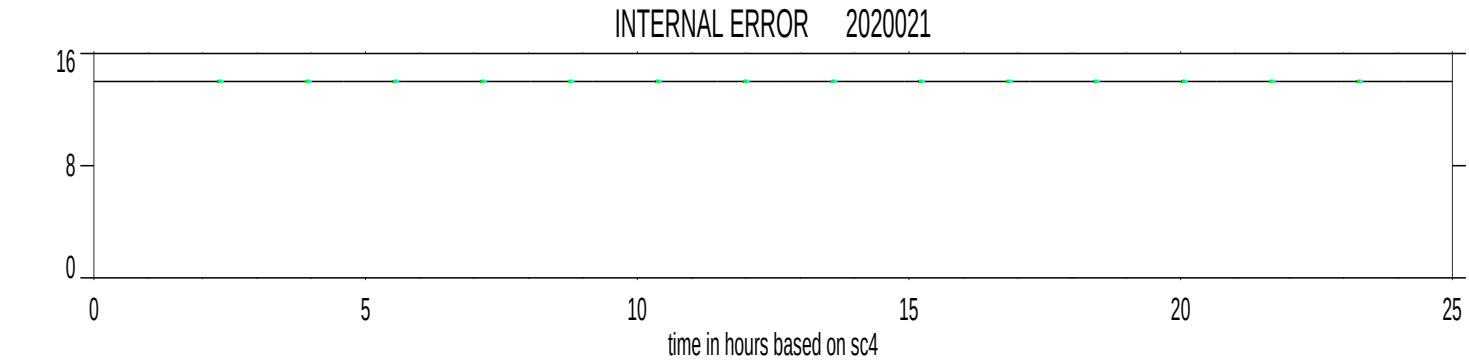


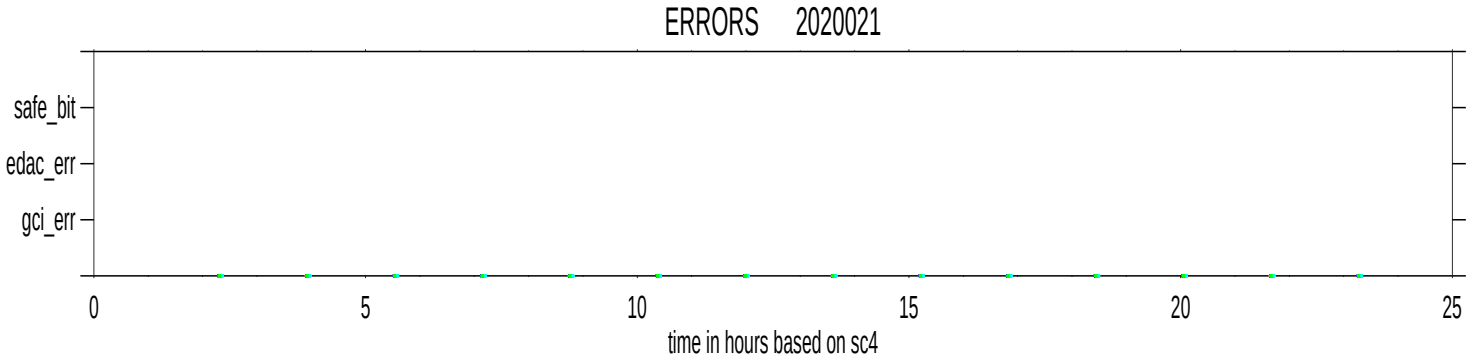
BUS_VOLTAGE 2020021

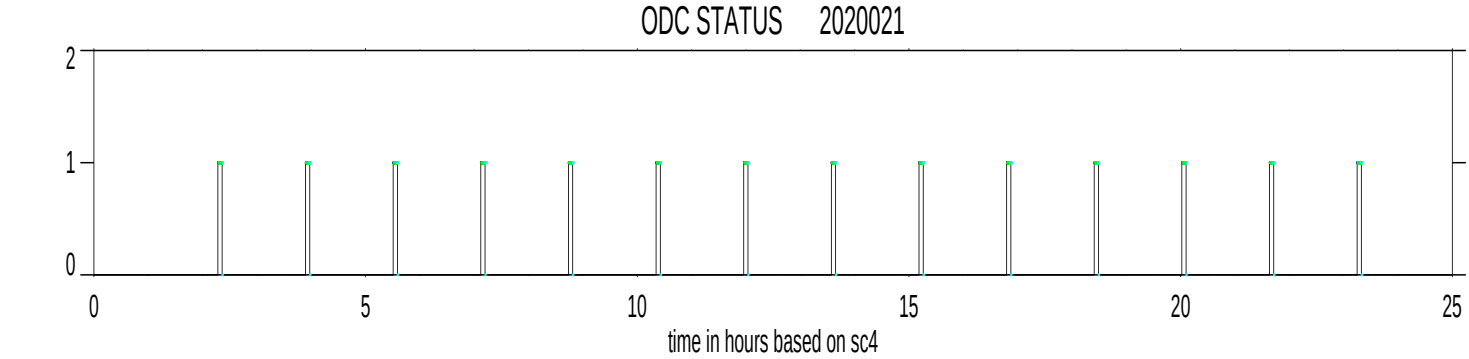


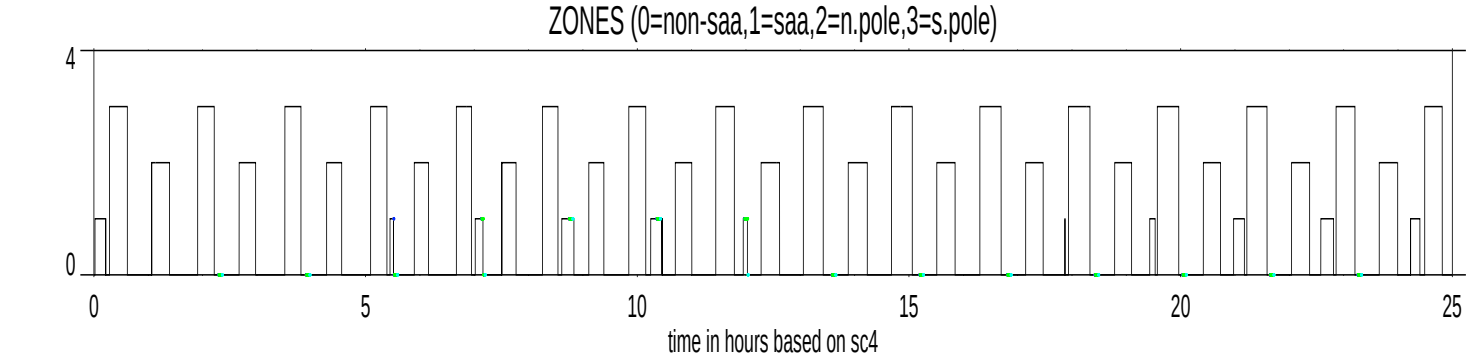
SEE_MU Operational Mode 2020021

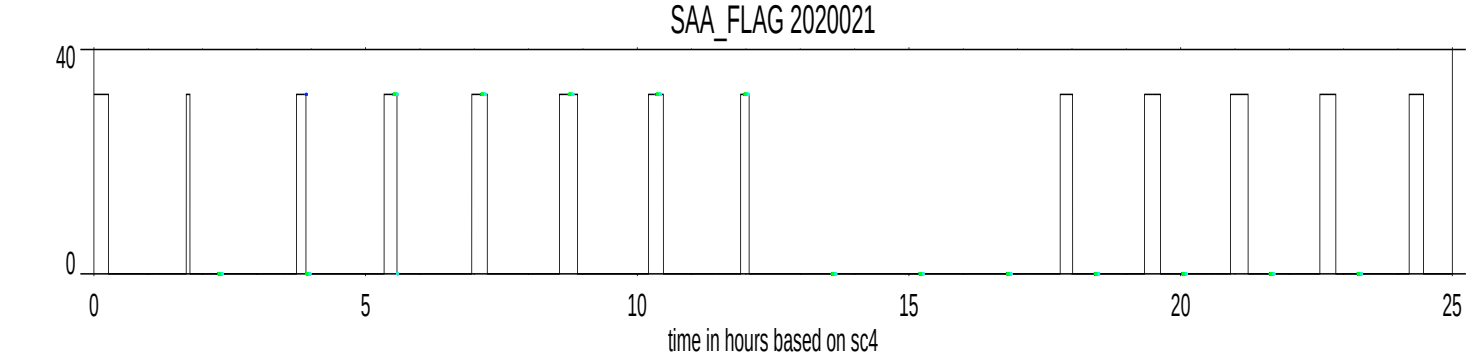


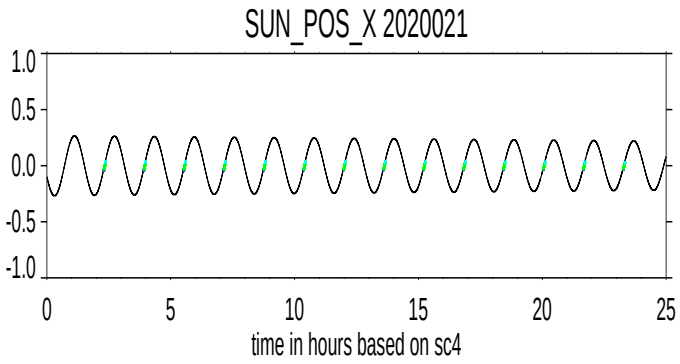

INTERNAL ERROR 2020021
16
8
0
0
5
10
15
20
25
time in hours based on sc4

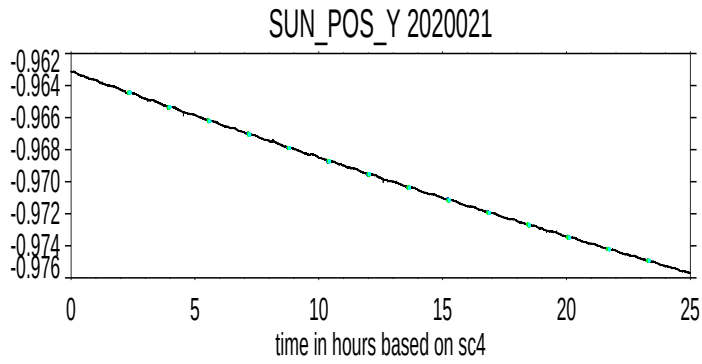

ERRORS 2020021
safe_bit
edac_err
gci_err
0
5
10
15
20
25
time in hours based on sc4

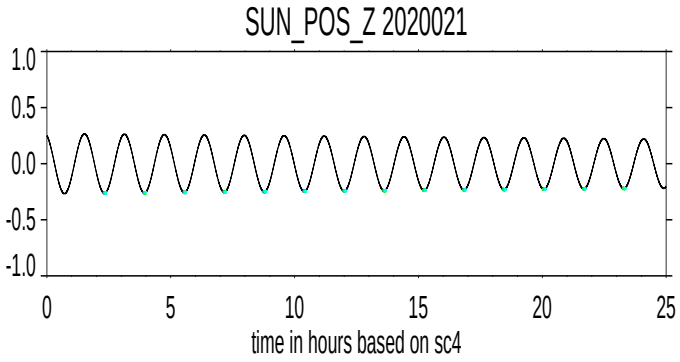

ODC STATUS 2020021
2
1
0
0
5
10
15
20
25
time in hours based on sc4

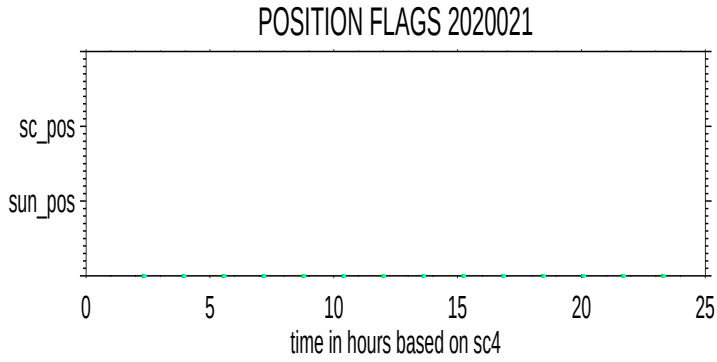

ZONES (0=non-saa,1=saa,2=n.pole,3=s.pole)
4
0
0
5
10
15
20
25
time in hours based on sc4

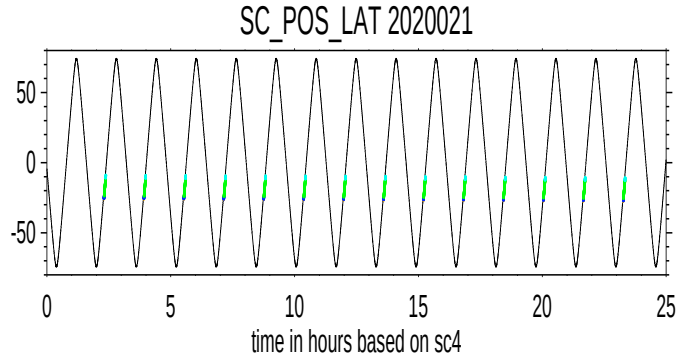

SAA_FLAG 2020021
40
0
0
5
10
15
20
25
time in hours based on sc4

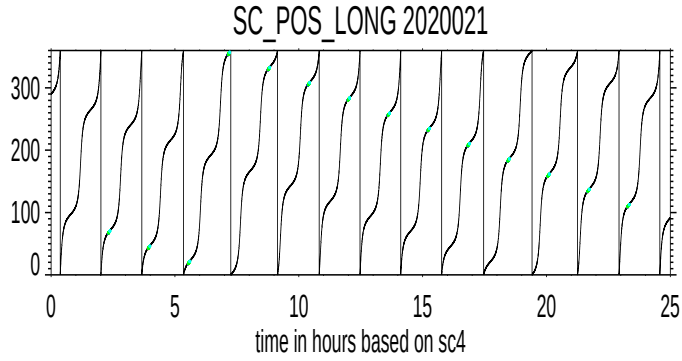

SUN_POS_X 2020021
1.0
0.5
0.0
-0.5
-1.0
0
5
10
15
20
25
time in hours based on sc4

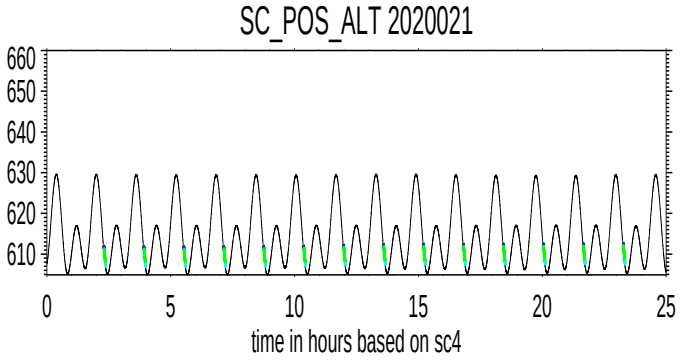

SUN_POS_Y 2020021
-0.962
-0.964
-0.966
-0.968
-0.970
-0.972
-0.974
-0.976
0
5
10
15
20
25
time in hours based on sc4

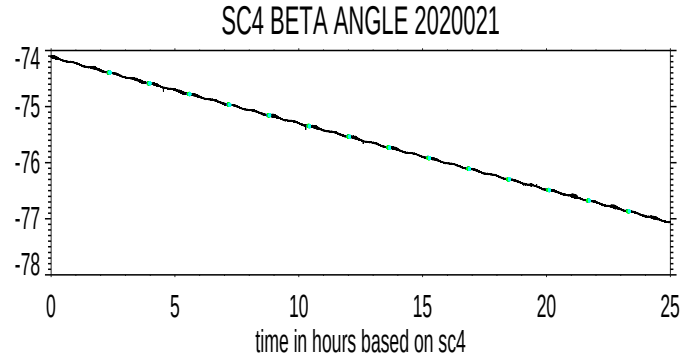

SUN_POS_Z 2020021
1.0
0.5
0.0
-0.5
-1.0
0
5
10
15
20
25
time in hours based on sc4


POSITION FLAGS 2020021
sc_pos
sun_pos
0
5
10
15
20
25
time in hours based on sc4


SC_POS_LAT 2020021
50
0
-50
0
5
10
15
20
25
time in hours based on sc4


SC_POS_LONG 2020021
300
200
100
0
0
5
10
15
20
25
time in hours based on sc4


SC_POS_ALT 2020021
660
650
640
630
620
610
0
5
10
15
20
25
time in hours based on sc4


SC4 BETA ANGLE 2020021
-74
-75
-76
-77
-78
0
5
10
15
20
25
time in hours based on sc4