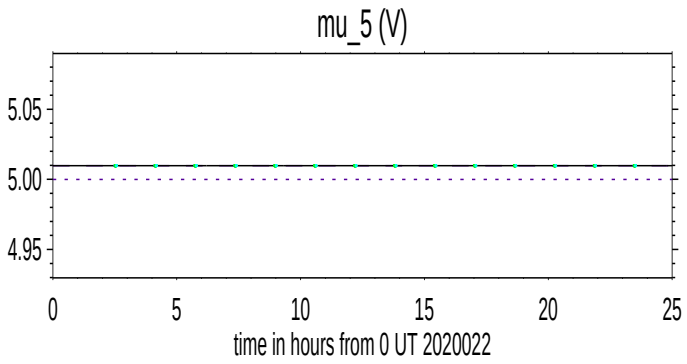
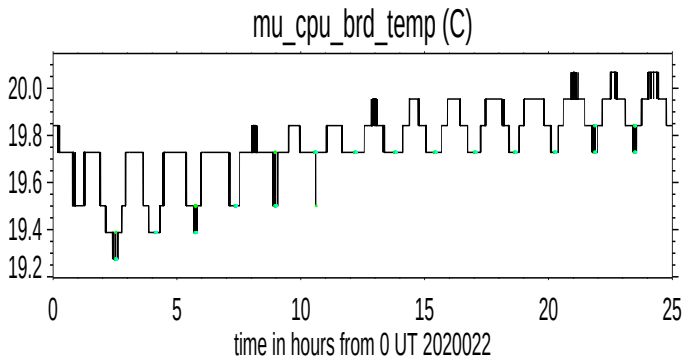
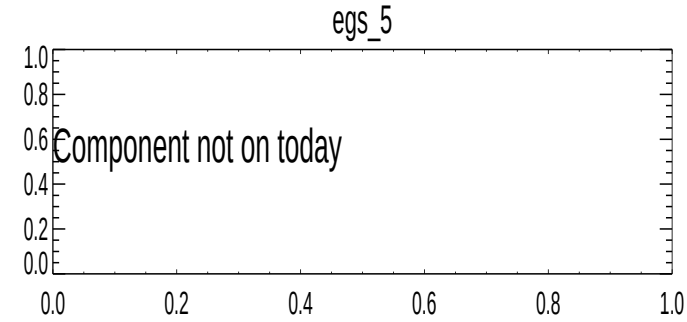
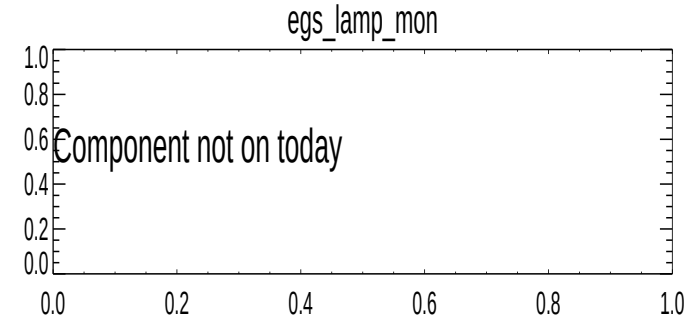
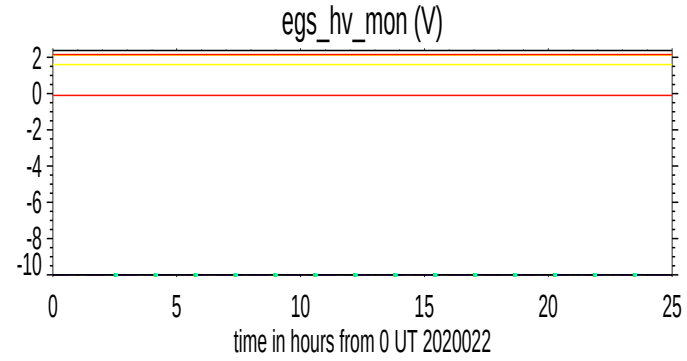
```
Information for      2020022
22:30:57.877: hk: 3 cmd pkt accepted   cmd = ODCs Loaded
22:31:12.877: hk: 9 cmd pkt accepted   cmd = ODCs Loaded
22:31:27.877: hk: 6 cmd pkt accepted   cmd = ODCs Loaded
```

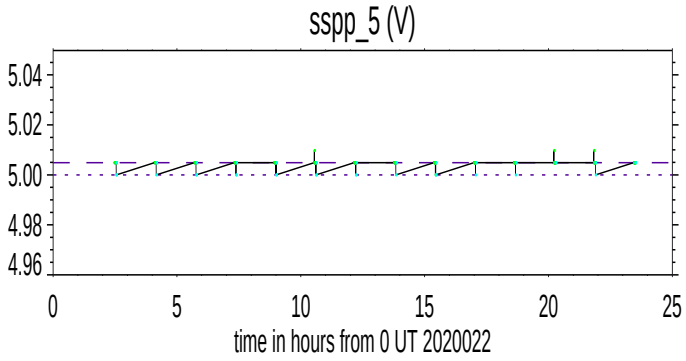

mu_5 (V)
5.05
5.00
4.95
0
5
10
15
20
25
time in hours from 0 UT 2020022

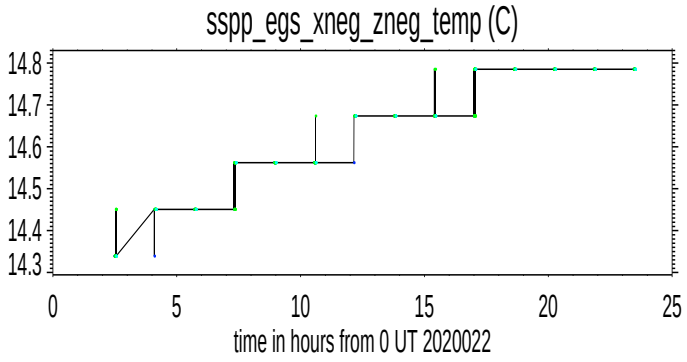

mu_cpu_brd_temp (C)
20.0
19.8
19.6
19.4
19.2
0
5
10
15
20
25
time in hours from 0 UT 2020022

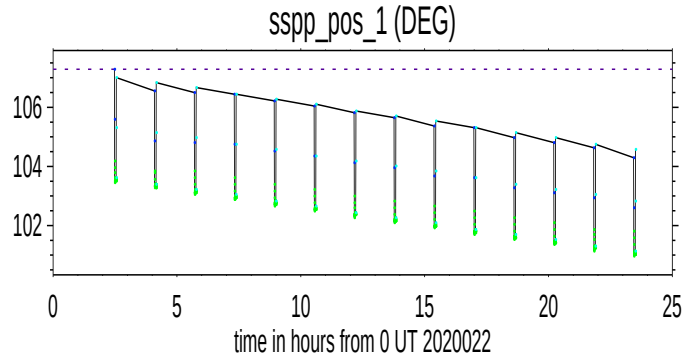

egs_5
1.0
0.8
0.6
0.4
0.2
0.0
Component not on today
0.0
0.2
0.4
0.6
0.8
1.0

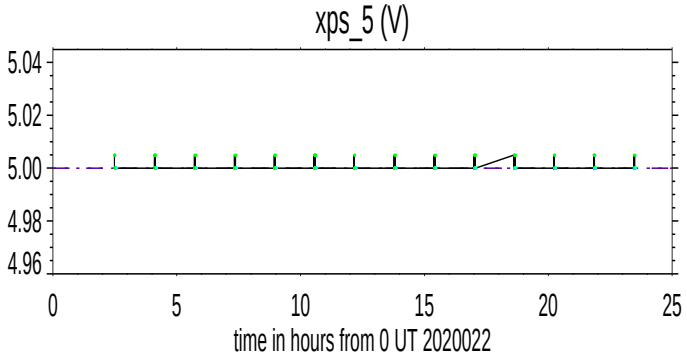

egs_lamp_mon
1.0
0.8
0.6
0.4
0.2
0.0
Component not on today
0.0
0.2
0.4
0.6
0.8
1.0

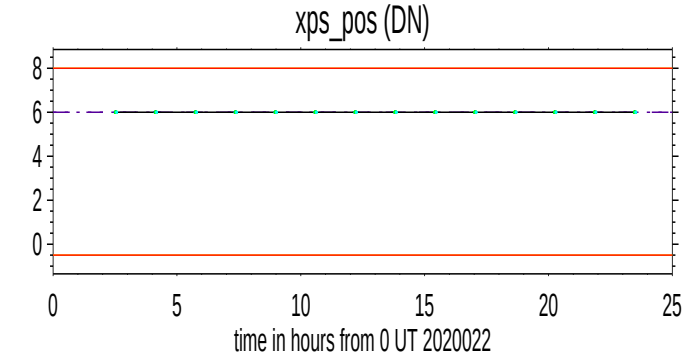

egs_hv_mon (V)
2
0
-2
-4
-6
-8
-10
0
5
10
15
20
25
time in hours from 0 UT 2020022

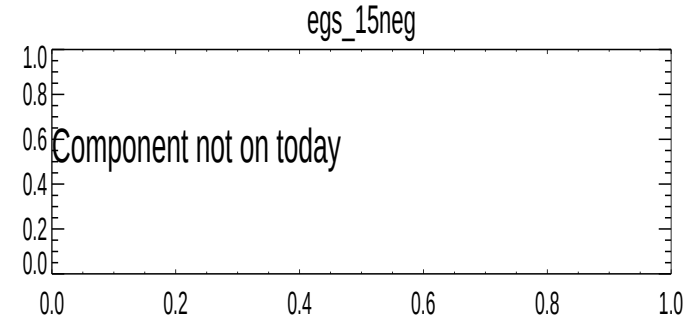

sspp_5 (V)
5.04
5.02
5.00
4.98
4.96
0
5
10
15
20
25
time in hours from 0 UT 2020022

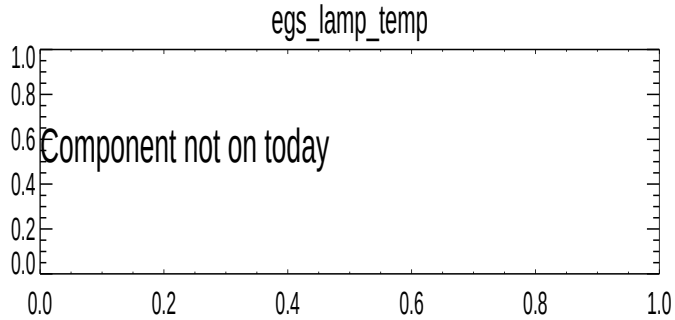

sspp_egs_xneg_zneg_temp (C)
14.8
14.7
14.6
14.5
14.4
14.3
0
5
10
15
20
25
time in hours from 0 UT 2020022

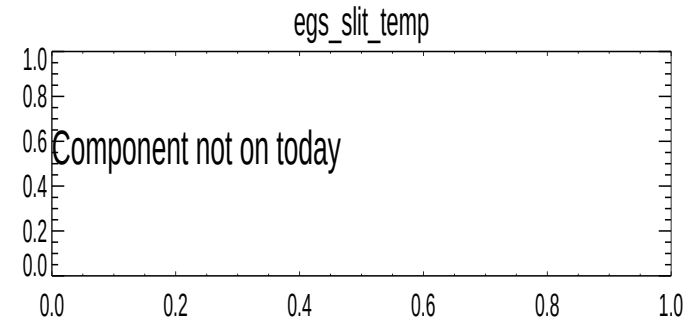

sspp_pos_1 (DEG)
106
104
102
0
5
10
15
20
25
time in hours from 0 UT 2020022

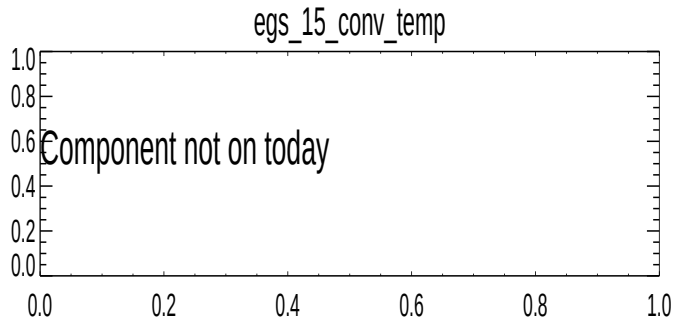

xps_5 (V)
5.04
5.02
5.00
4.98
4.96
0
5
10
15
20
25
time in hours from 0 UT 2020022

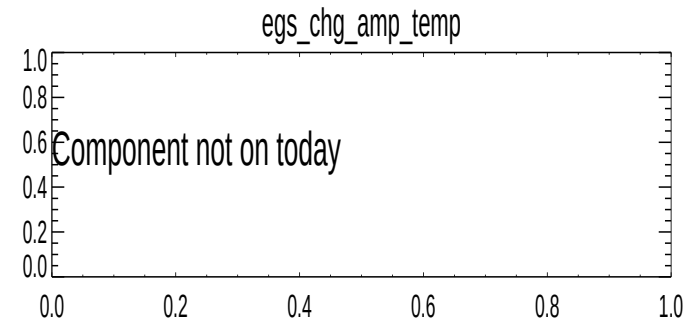

xps_pos (DN)
8
6
4
2
0
0
5
10
15
20
25
time in hours from 0 UT 2020022

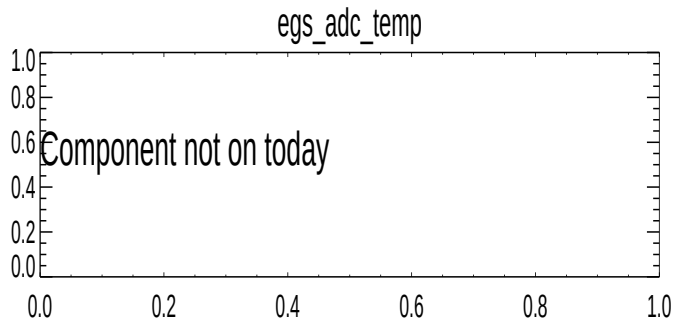

egs_15neg
Component not on today

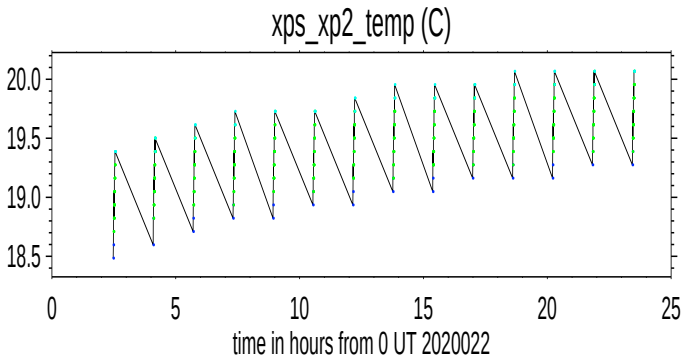

egs_lamp_temp
Component not on today

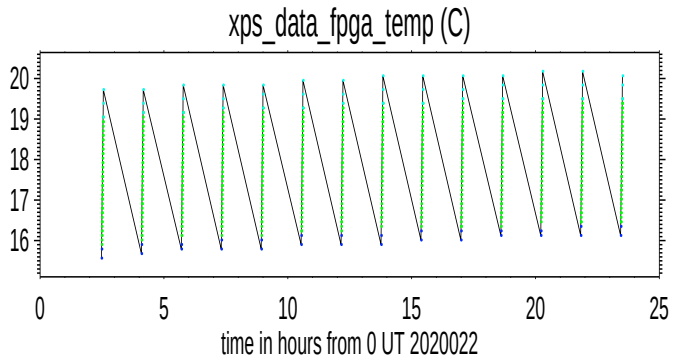

egs_slit_temp
Component not on today

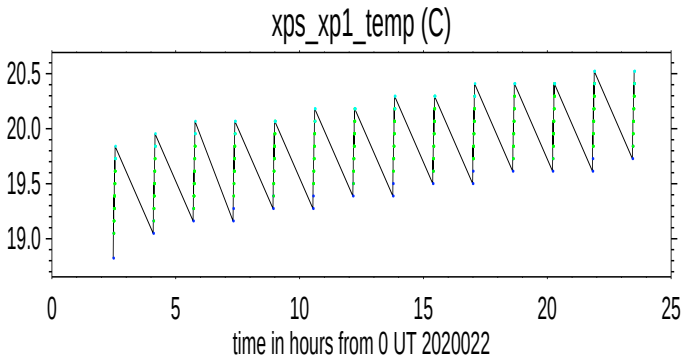

egs_15_conv_temp
Component not on today

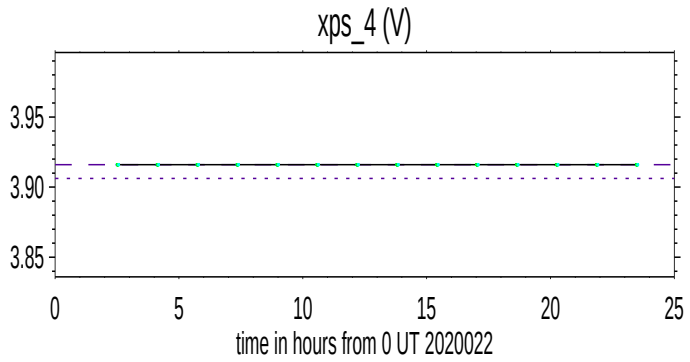

egs_chg_amp_temp
Component not on today

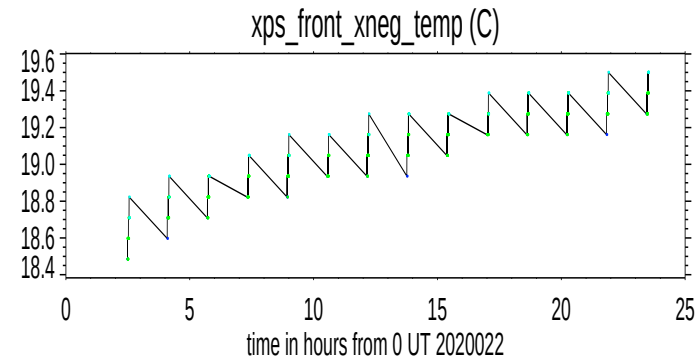

egs_adc_temp
Component not on today

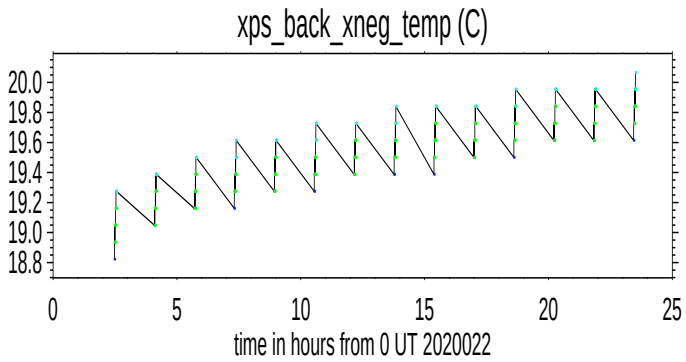

xps_xp2_temp (C)
time in hours from 0 UT 2020022

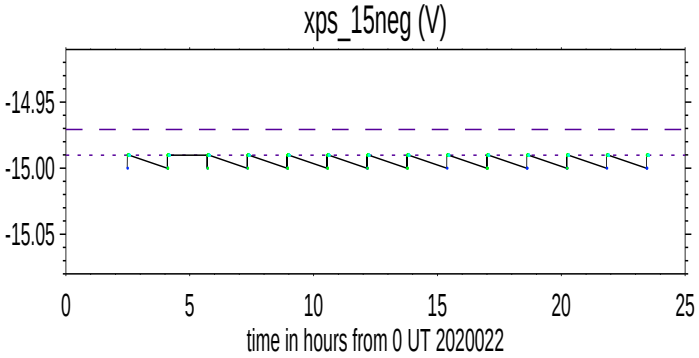

xps_data_fpga_temp (C)
time in hours from 0 UT 2020022

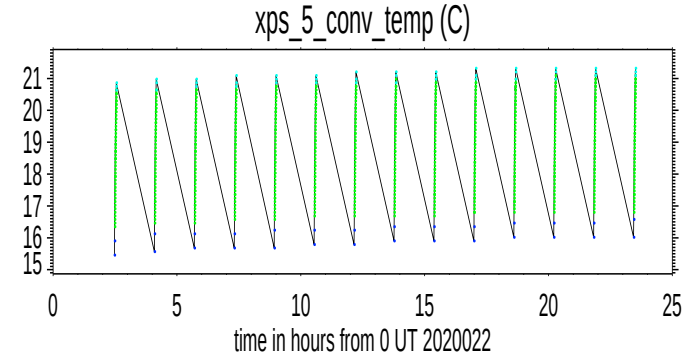

xps_xp1_temp (C)
time in hours from 0 UT 2020022

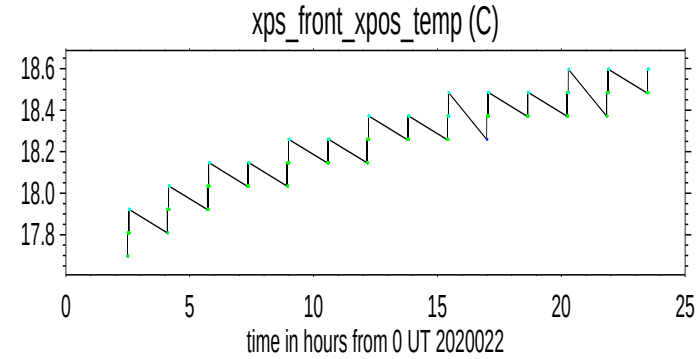

xps_4 (V)
time in hours from 0 UT 2020022

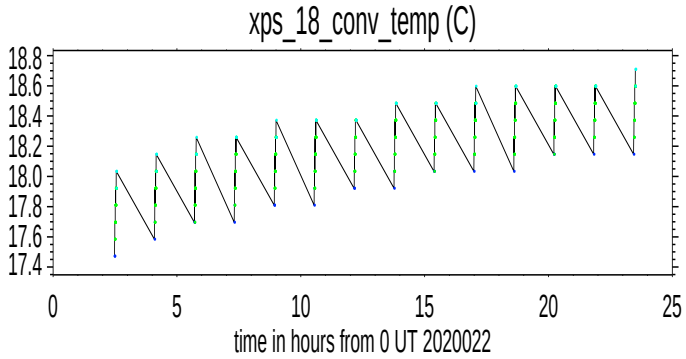

xps_front_xneg_temp (C)
19.6
19.4
19.2
19.0
18.8
18.6
18.4
0
5
10
15
20
25
time in hours from 0 UT 2020022


xps_back_xneg_temp (C)
20.0
19.8
19.6
19.4
19.2
19.0
18.8
0
5
10
15
20
25
time in hours from 0 UT 2020022


xps_15neg (V)
-14.95
-15.00
-15.05
0
5
10
15
20
25
time in hours from 0 UT 2020022


xps_5_conv_temp (C)
21
20
19
18
17
16
15
0
5
10
15
20
25
time in hours from 0 UT 2020022


xps_front_xpos_temp (C)
18.6
18.4
18.2
18.0
17.8
0
5
10
15
20
25
time in hours from 0 UT 2020022


xps_18_conv_temp (C)
18.8
18.6
18.4
18.2
18.0
17.8
17.6
17.4
0
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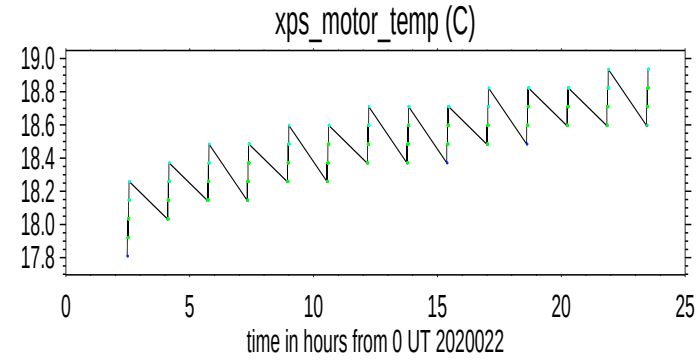
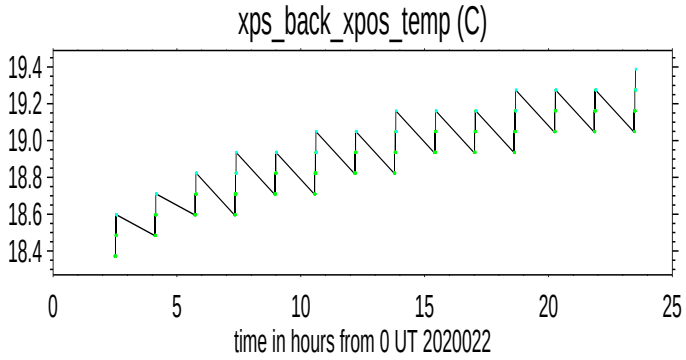
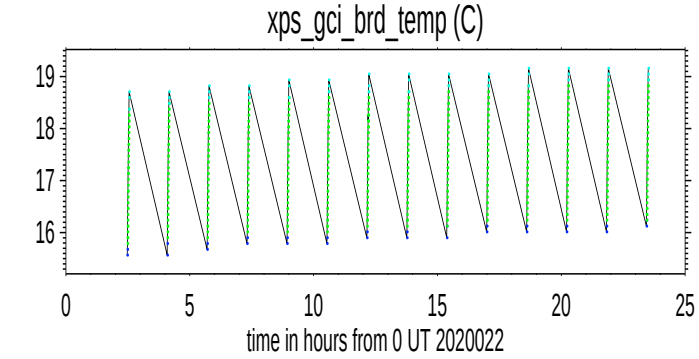
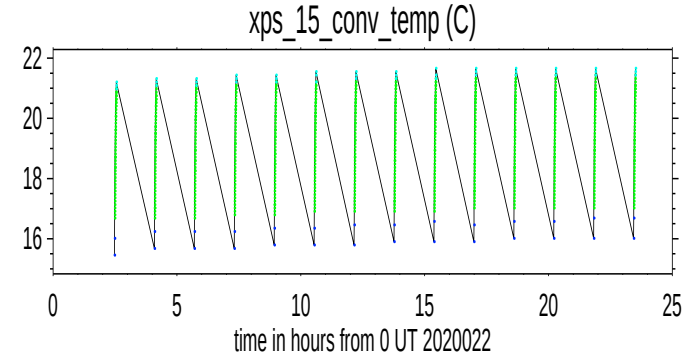
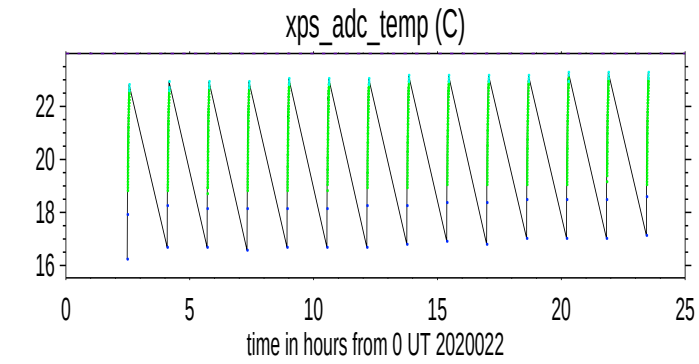
10
15
20
25
time in hours from 0 UT 2020022

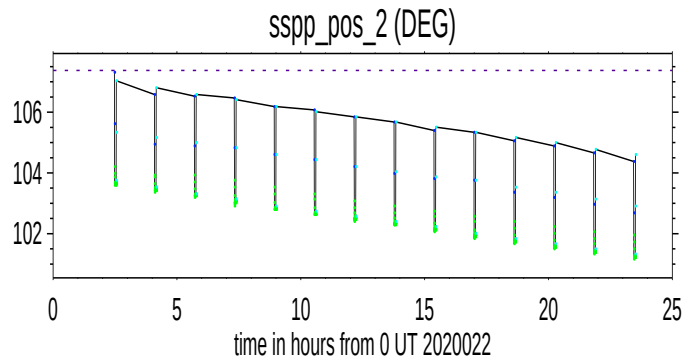

xps_motor_temp (C)
19.0
18.8
18.6
18.4
18.2
18.0
17.8
0
5
10
15
20
25
time in hours from 0 UT 2020022

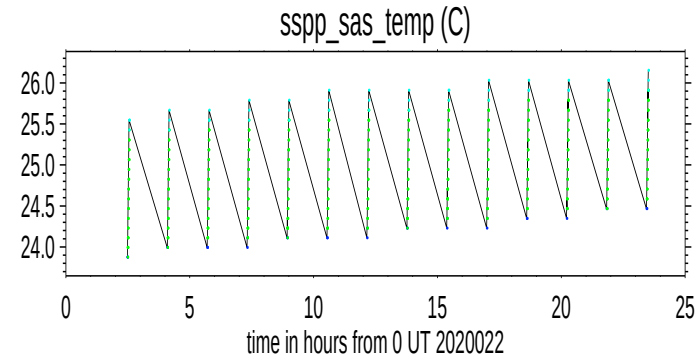

xps_back_xpos_temp (C)
19.4
19.2
19.0
18.8
18.6
18.4
0
5
10
15
20
25
time in hours from 0 UT 2020022


xps_gci_brd_temp (C)
19
18
17
16
0
5
10
15
20
25
time in hours from 0 UT 2020022


xps_15_conv_temp (C)
22
20
18
16
0
5
10
15
20
25
time in hours from 0 UT 2020022


xps_adc_temp (C)
22
20
18
16
0
5
10
15
20
25
time in hours from 0 UT 2020022


sspp_pos_2 (DEG)
106
104
102
0
5
10
15
20
25
time in hours from 0 UT 2020022


sspp_sas_temp (C)
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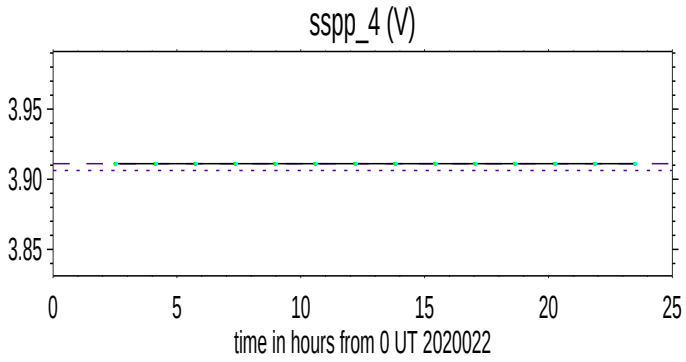
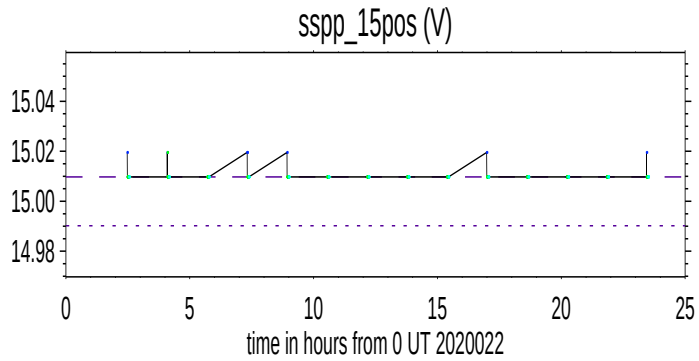
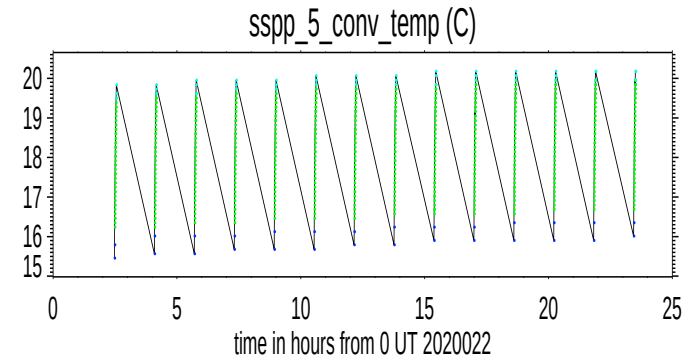
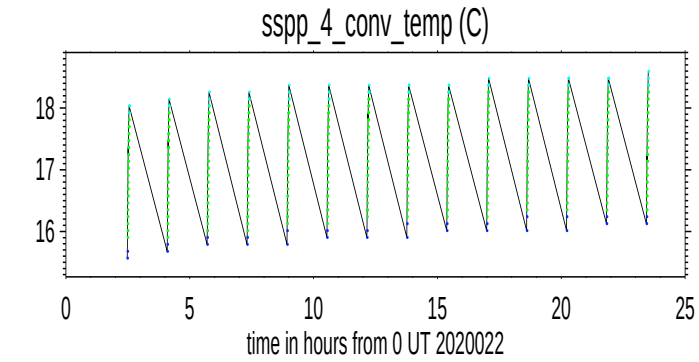
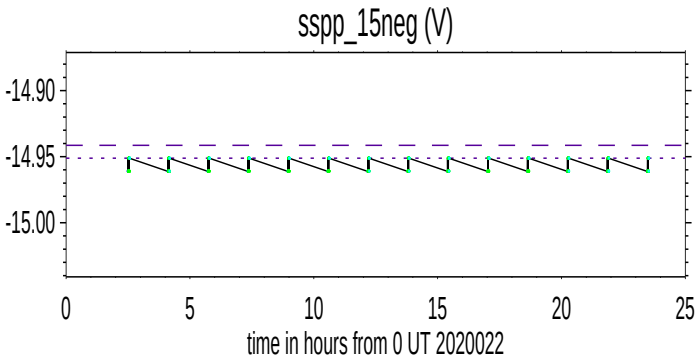
25.5
25.0
24.5
24.0
0
5
10
15
20
25
time in hours from 0 UT 2020022

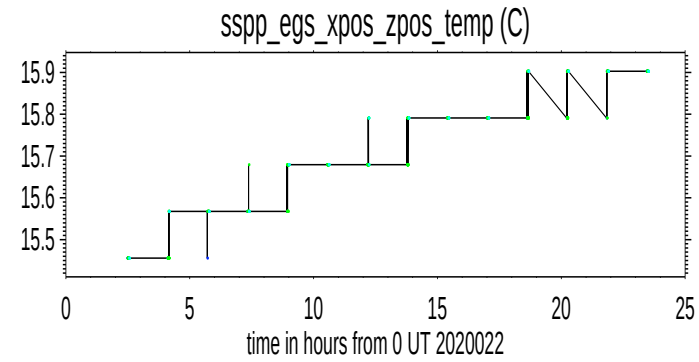

sspp_4 (V)
3.95
3.90
3.85
0
5
10
15
20
25
time in hours from 0 UT 2020022

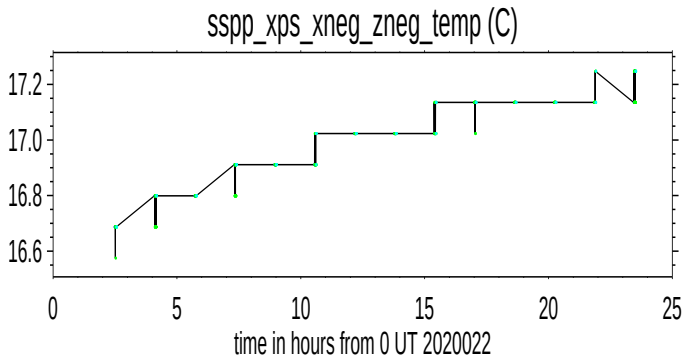

sspp_15pos (V)
15.04
15.02
15.00
14.98
0
5
10
15
20
25
time in hours from 0 UT 2020022

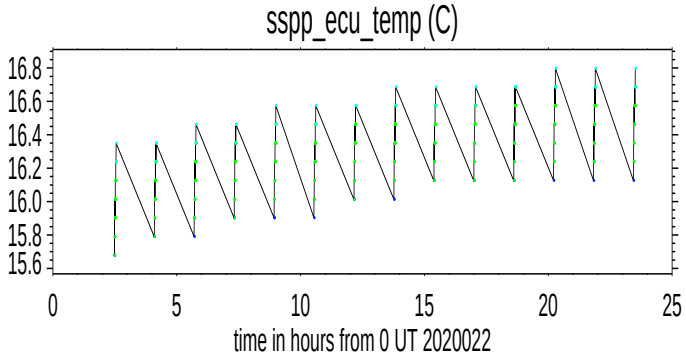

sspp_5_conv_temp (C)
20
19
18
17
16
15
0
5
10
15
20
25
time in hours from 0 UT 2020022

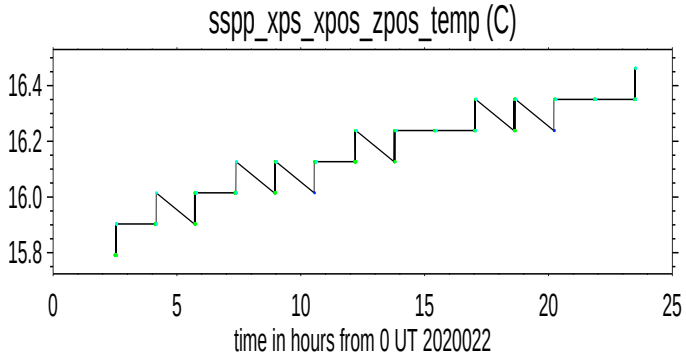

sspp_4_conv_temp (C)
18
17
16
0
5
10
15
20
25
time in hours from 0 UT 2020022

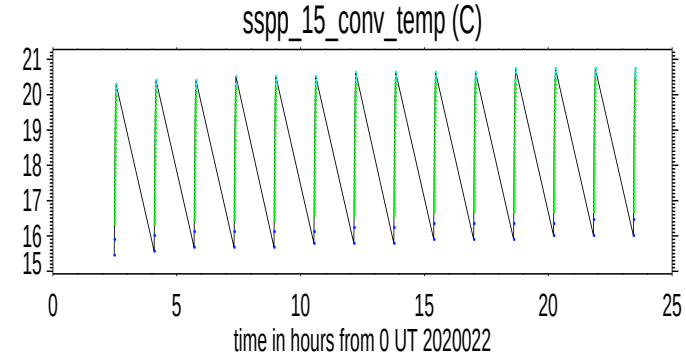

sspp_15neg (V)
-14.90
-14.95
-15.00
0
5
10
15
20
25
time in hours from 0 UT 2020022

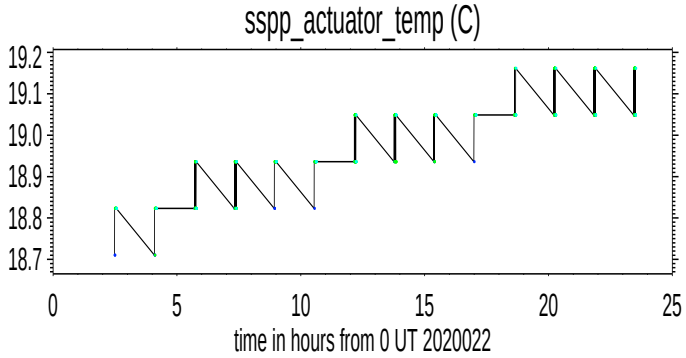

sspp_egs_xpos_zpos_temp (C)
15.9
15.8
15.7
15.6
15.5
0
5
10
15
20
25
time in hours from 0 UT 2020022

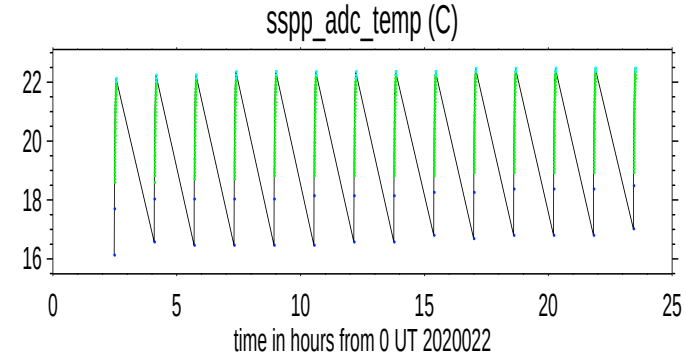

sspp_xps_xneg_zneg_temp (C)
17.2
17.0
16.8
16.6
0
5
10
15
20
25
time in hours from 0 UT 2020022

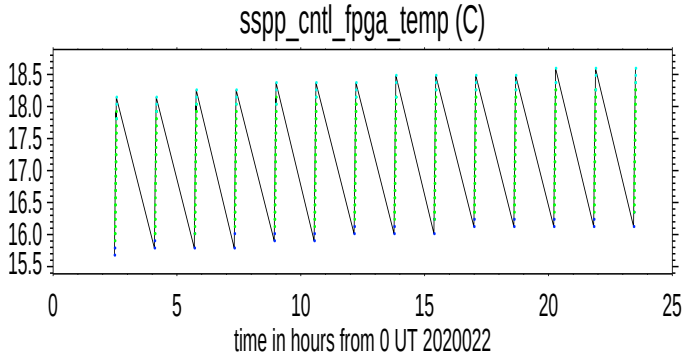

sspp_ecu_temp (C)
16.8
16.6
16.4
16.2
16.0
15.8
15.6
0
5
10
15
20
25
time in hours from 0 UT 2020022

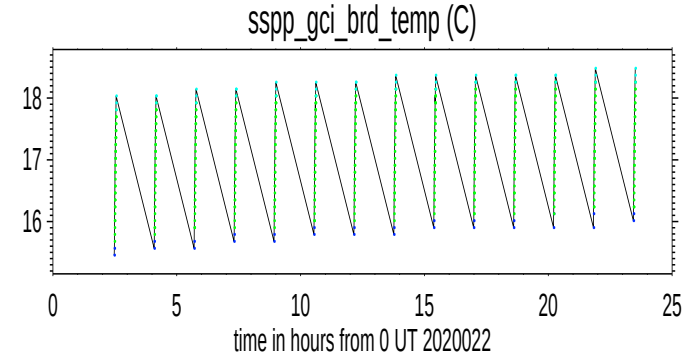

sspp_xps_xpos_zpos_temp (C)
16.4
16.2
16.0
15.8
0
5
10
15
20
25
time in hours from 0 UT 2020022

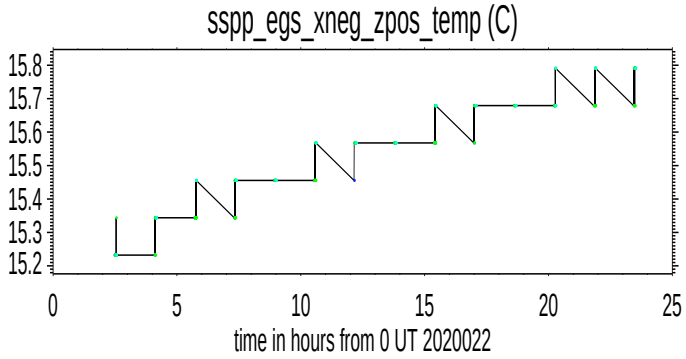

sspp_15_conv_temp (C)
21
20
19
18
17
16
15
0
5
10
15
20
25
time in hours from 0 UT 2020022

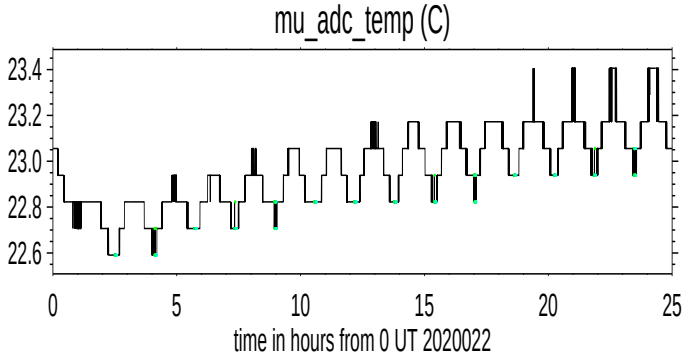

sspp_actuator_temp (C)
19.2
19.1
19.0
18.9
18.8
18.7
0
5
10
15
20
25
time in hours from 0 UT 2020022

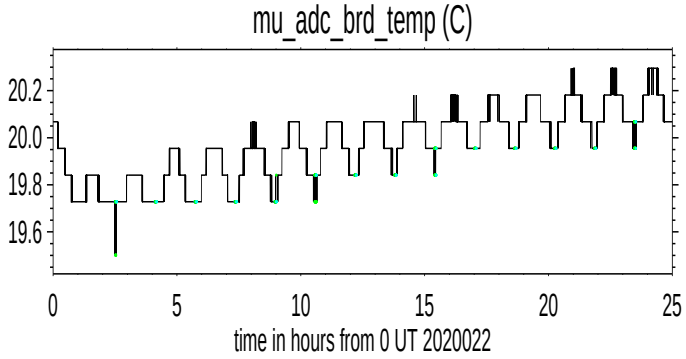

sspp_adc_temp (C)
22
20
18
16
0
5
10
15
20
25
time in hours from 0 UT 2020022

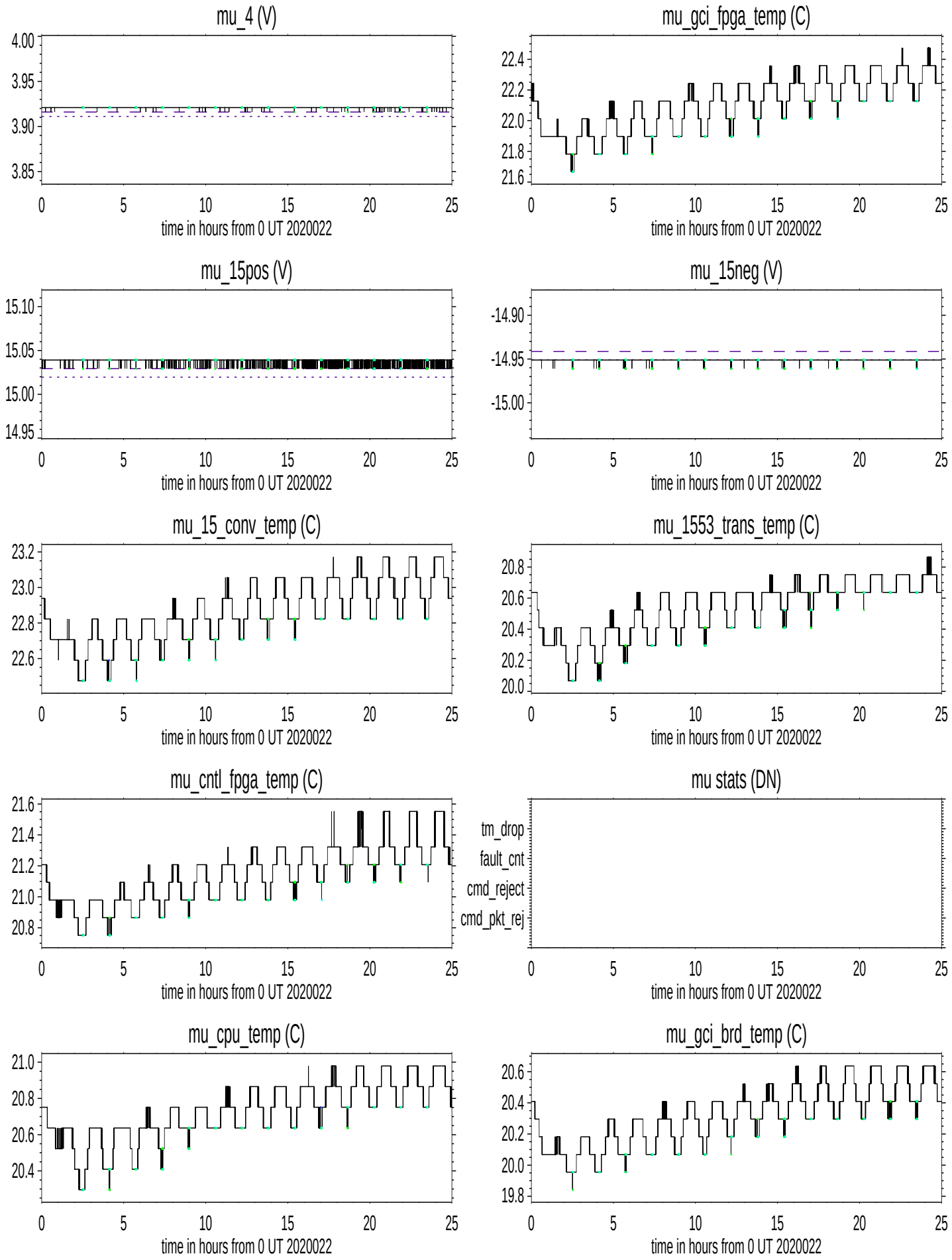

sspp_cntl_fpga_temp (C)
18.5
18.0
17.5
17.0
16.5
16.0
15.5
0
5
10
15
20
25
time in hours from 0 UT 2020022

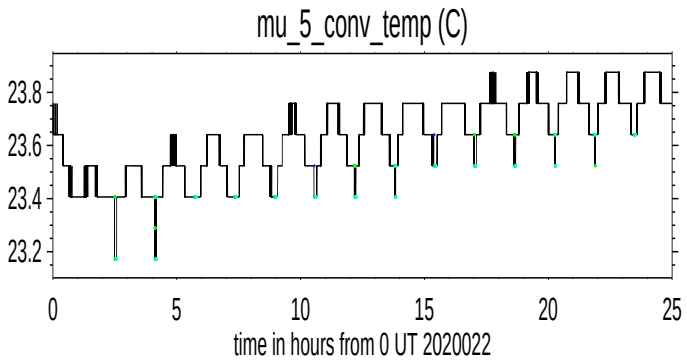

sspp_gci_brd_temp (C)
18
17
16
0
5
10
15
20
25
time in hours from 0 UT 2020022

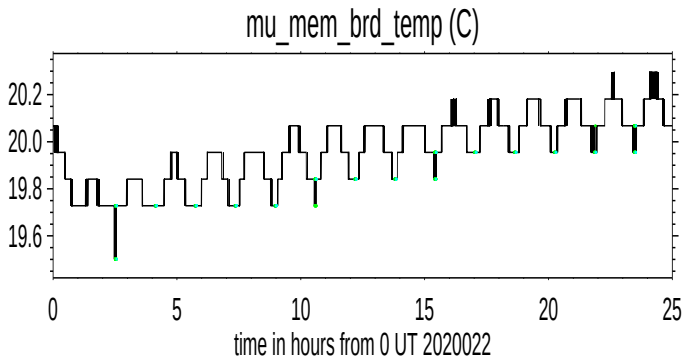

sspp_egs_xneg_zpos_temp (C)
15.8
15.7
15.6
15.5
15.4
15.3
15.2
0
5
10
15
20
25
time in hours from 0 UT 2020022

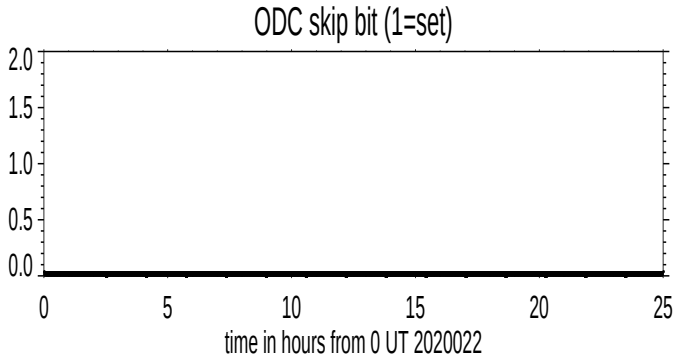

mu_adc_temp (C)
23.4
23.2
23.0
22.8
22.6
0
5
10
15
20
25
time in hours from 0 UT 2020022

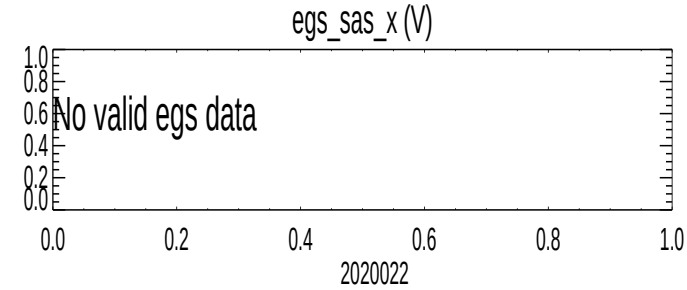

mu_adc_brd_temp (C)
20.2
20.0
19.8
19.6
0
5
10
15
20
25
time in hours from 0 UT 2020022

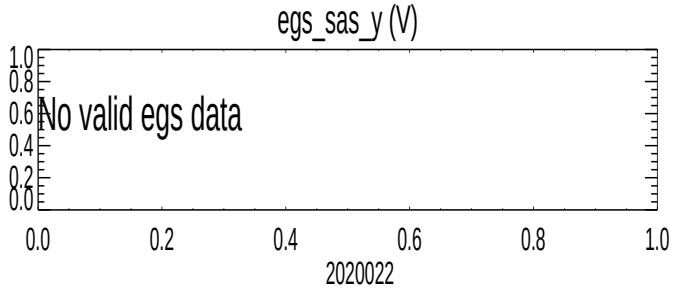

mu_4 (V)
4.00
3.95
3.90
3.85
mu_gci_fpga_temp (C)
22.4
22.2
22.0
21.8
21.6
mu_15pos (V)
15.10
15.05
15.00
14.95
mu_15neg (V)
-14.90
-14.95
-15.00
mu_15_conv_temp (C)
23.2
23.0
22.8
22.6
mu_1553_trans_temp (C)
20.8
20.6
20.4
20.2
20.0
mu_cntl_fpga_temp (C)
21.6
21.4
21.2
21.0
20.8
mu stats (DN)
tm_drop
fault_cnt
cmd_reject
cmd_pkt_rej
mu_cpu_temp (C)
21.0
20.8
20.6
20.4
mu_gci_brd_temp (C)
20.6
20.4
20.2
20.0
19.8
0
5
10
15
20
25
time in hours from 0 UT 2020022

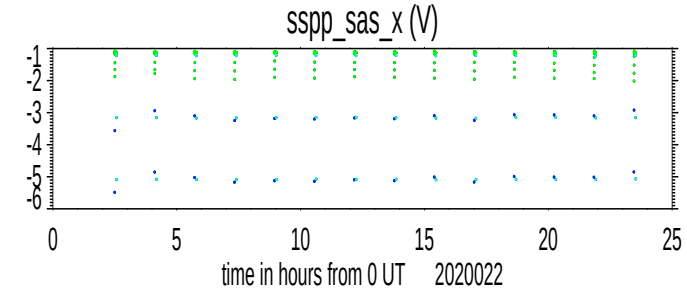

mu_5_conv_temp (C)
23.8
23.6
23.4
23.2
0
5
10
15
20
25
time in hours from 0 UT 2020022

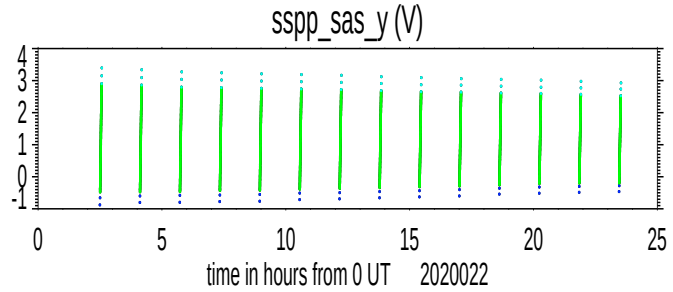

mu_mem_brd_temp (C)
20.2
20.0
19.8
19.6
0
5
10
15
20
25
time in hours from 0 UT 2020022

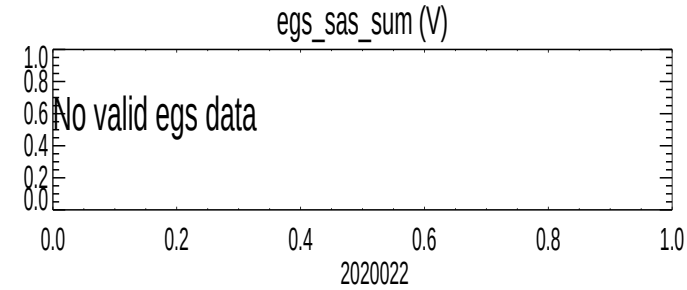

ODC skip bit (1=set)
2.0
1.5
1.0
0.5
0.0
0
5
10
15
20
25
time in hours from 0 UT 2020022

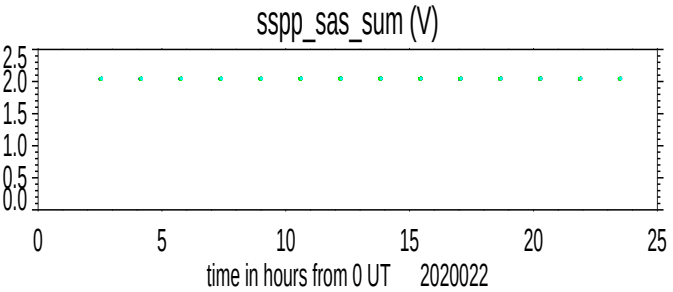

egs_sas_x (V)
No valid egs data
2020022

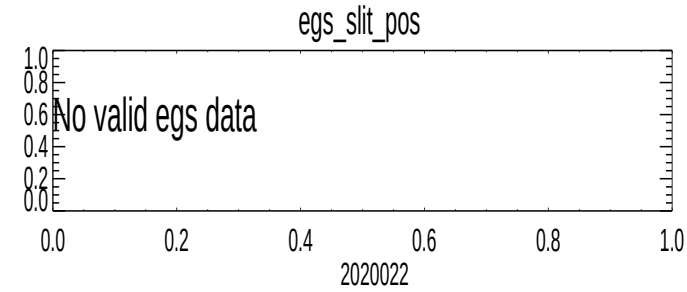

egs_sas_y (V)
No valid egs data
2020022

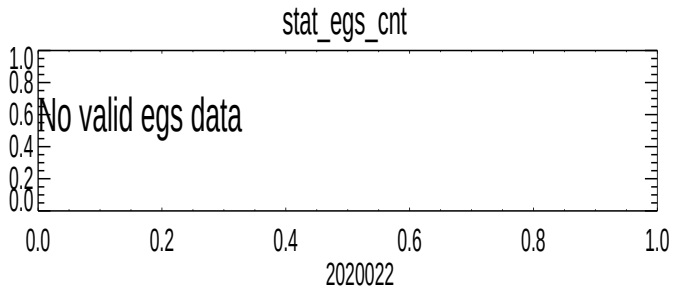

sspp_sas_x (V)
time in hours from 0 UT 2020022

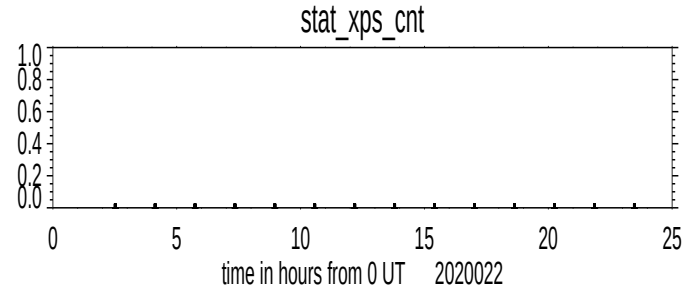

sspp_sas_y (V)
time in hours from 0 UT 2020022

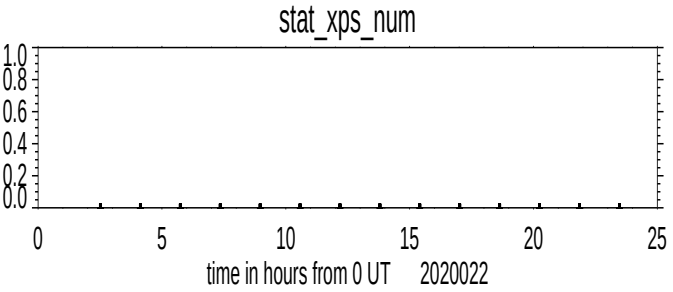

egs_sas_sum (V)
No valid egs data
2020022

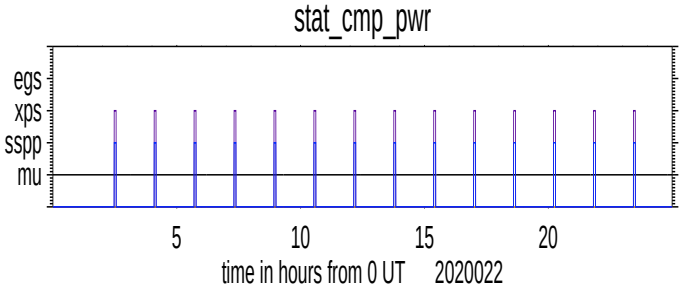

sspp_sas_sum (V)
time in hours from 0 UT 2020022

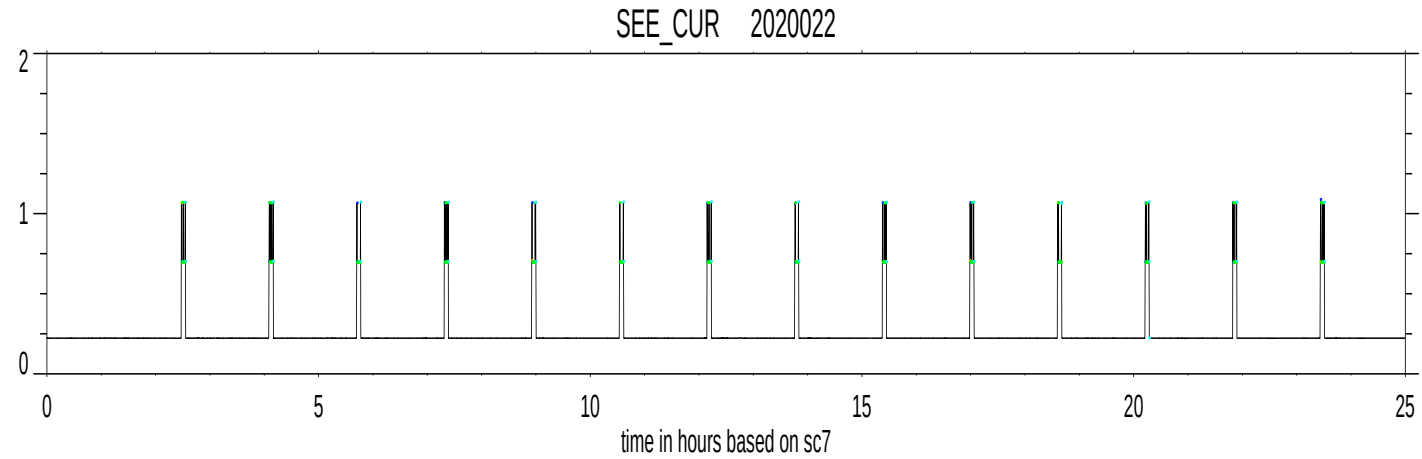

egs_slit_pos
No valid egs data
2020022

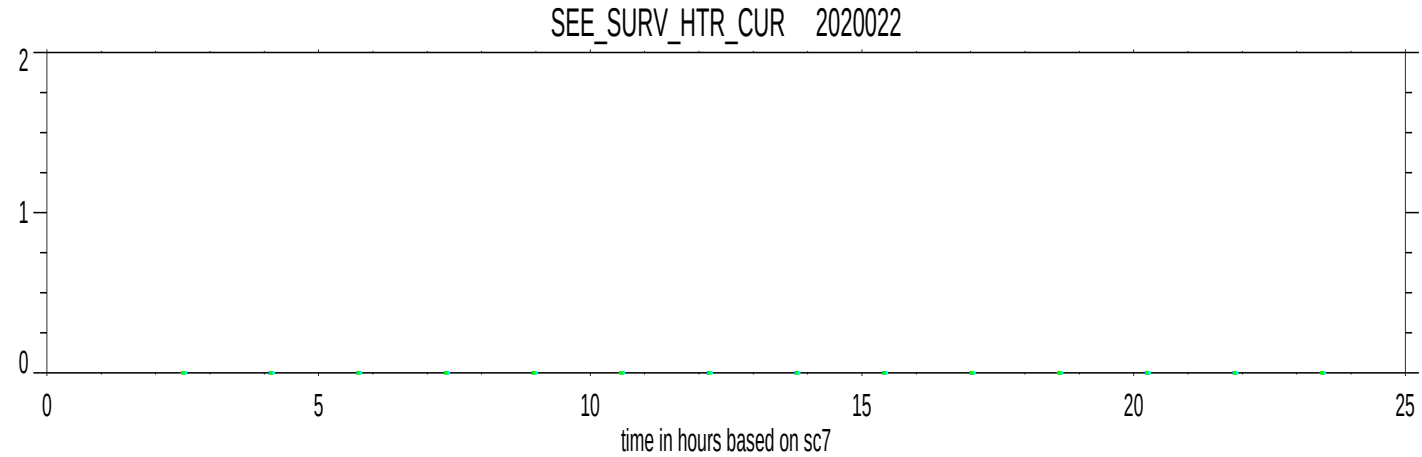

stat_egs_cnt
No valid egs data
2020022

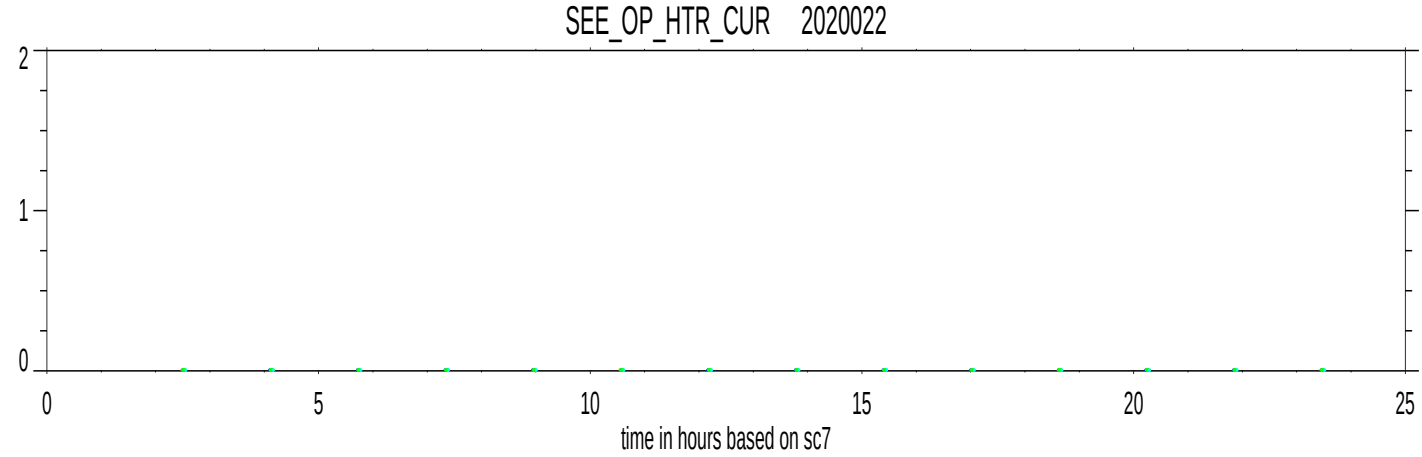

stat_xps_cnt
time in hours from 0 UT 2020022

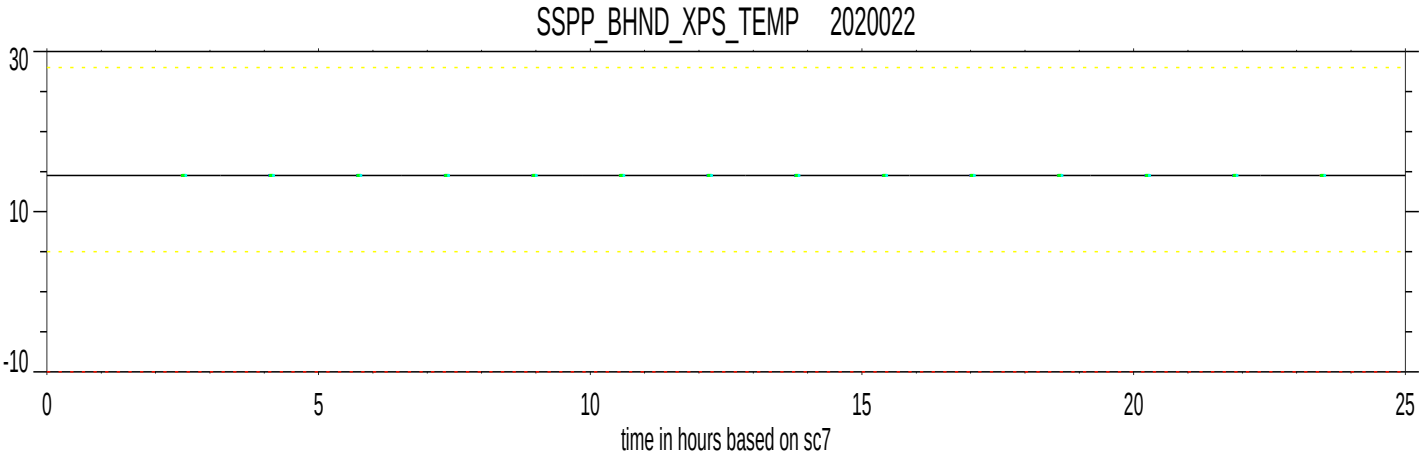

stat_xps_num
time in hours from 0 UT 2020022


stat_cmp_pwr
egs
xps
sspp
mu
time in hours from 0 UT 2020022

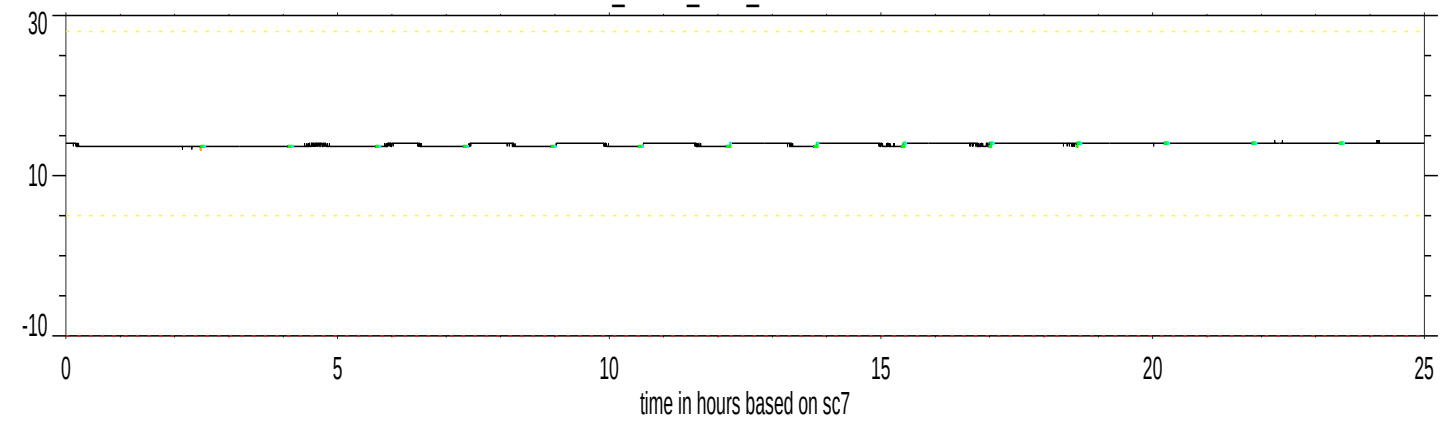

SEE_CUR 2020022
2
1
0
0
5
10
15
20
25
time in hours based on sc7


SEE_SURV_HTR_CUR 2020022
2
1
0
0
5
10
15
20
25
time in hours based on sc7

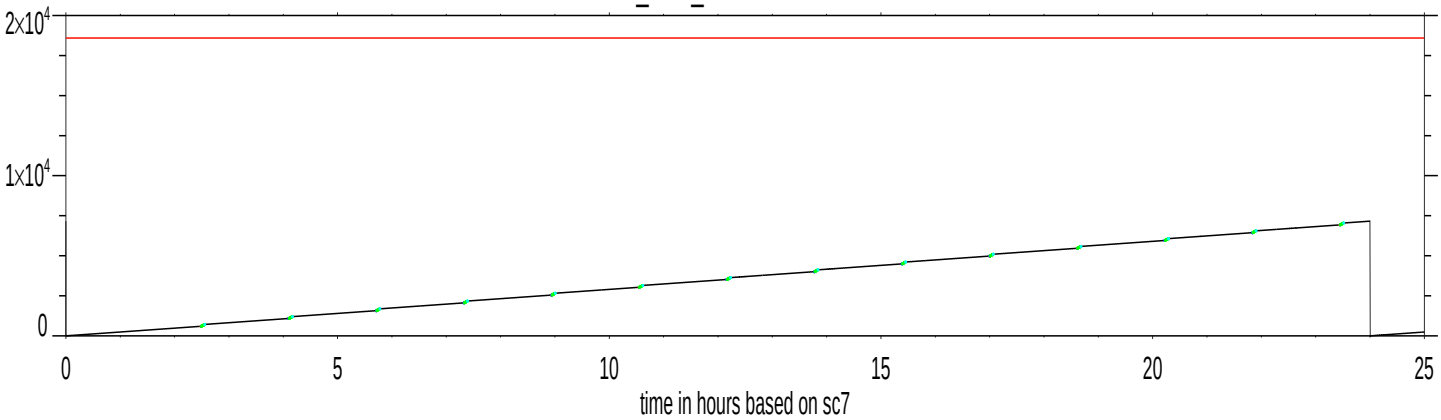

SEE_OP_HTR_CUR 2020022
2
1
0
0
5
10
15
20
25
time in hours based on sc7


SSPP_BHND_XPS_TEMP 2020022
30
10
-10
0
5
10
15
20
25
time in hours based on sc7

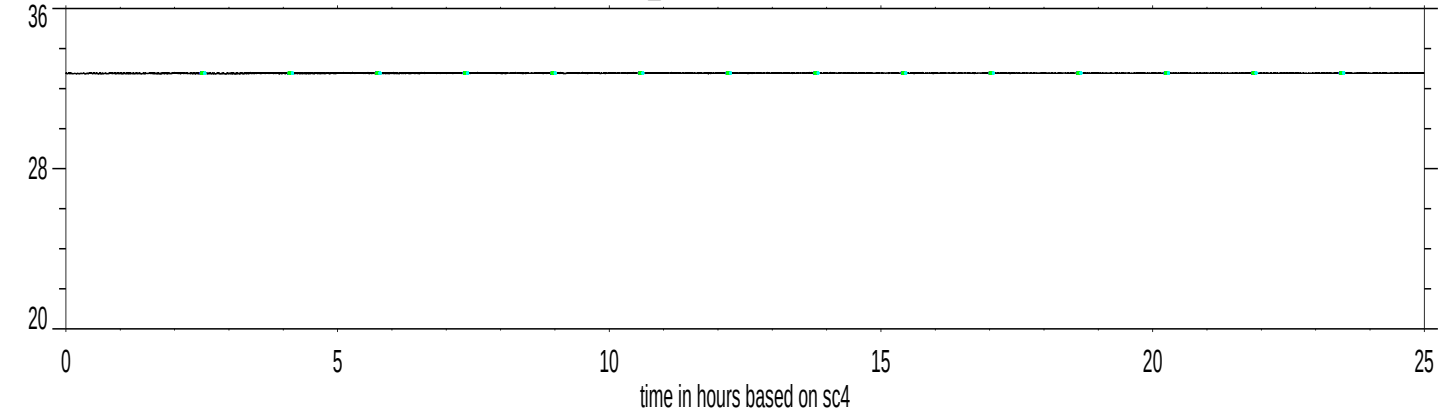
SSPP_BHND_MTR_TEMP 2020022



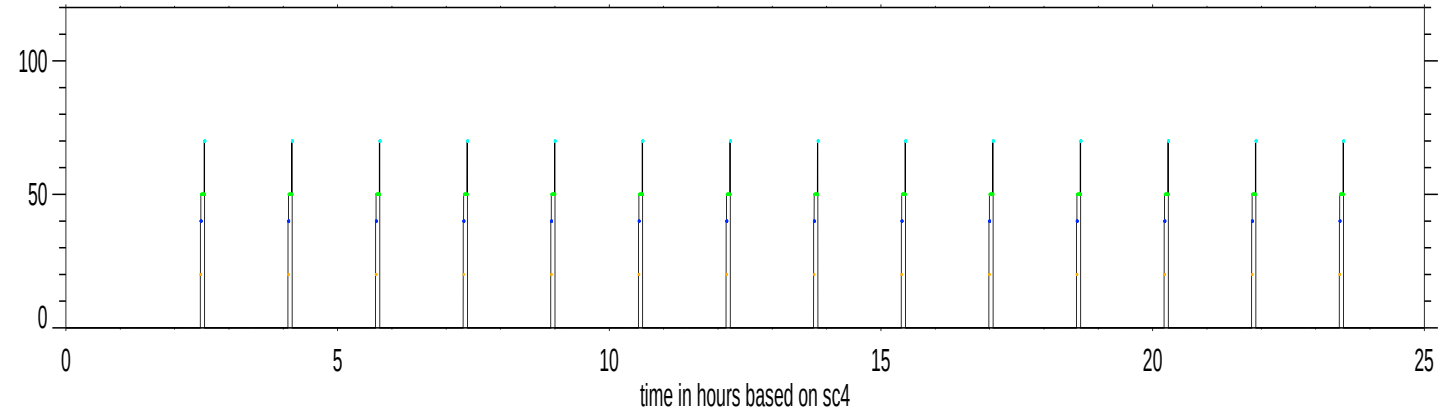
SEE_PKT_COUNT 2020022

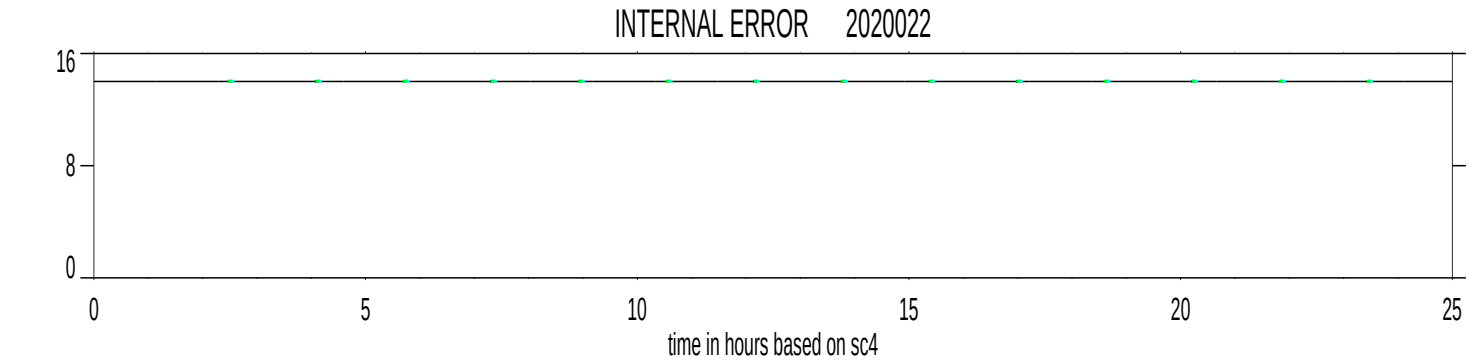


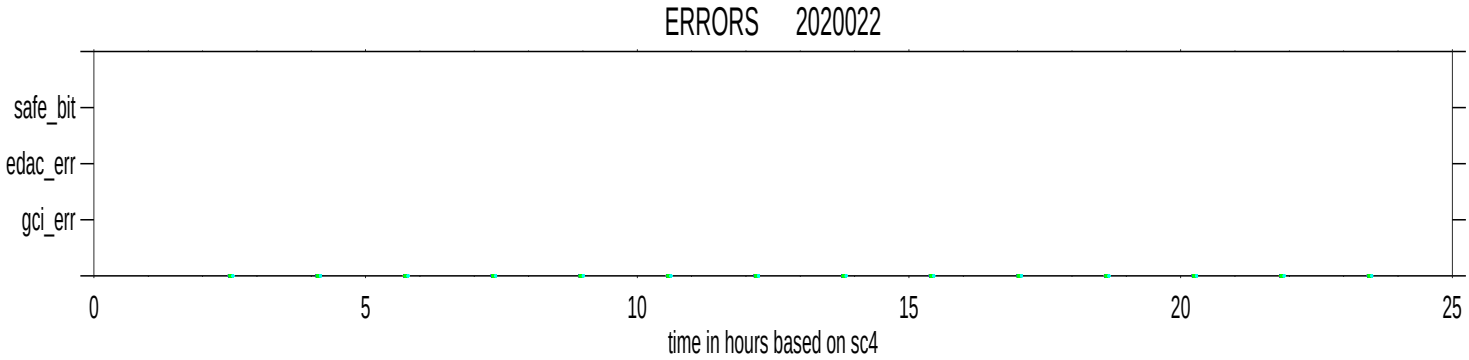
BUS_VOLTAGE 2020022

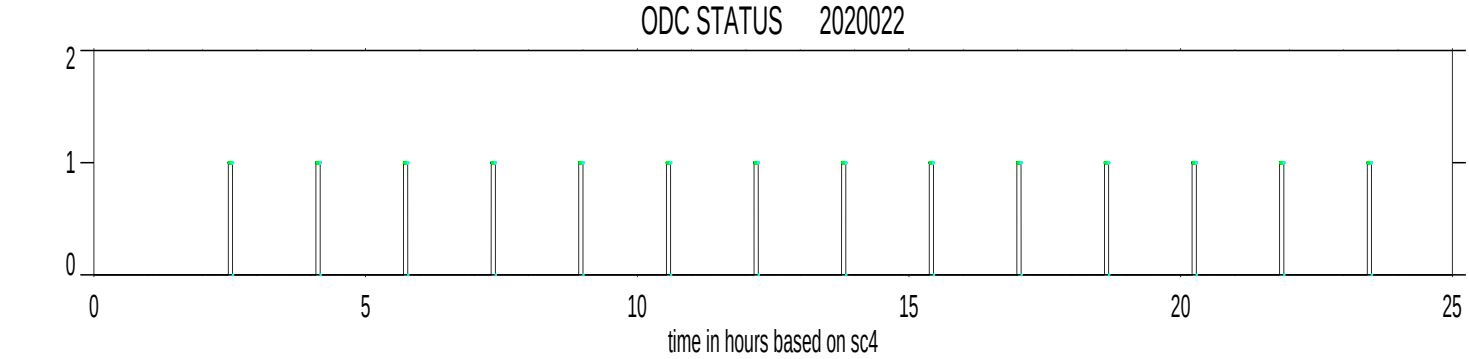


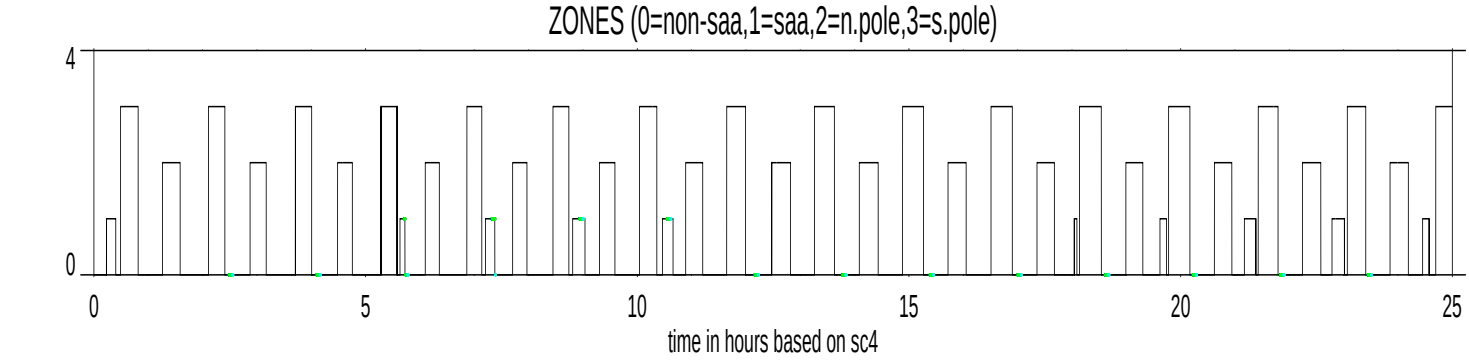
SEE_MU Operational Mode 2020022

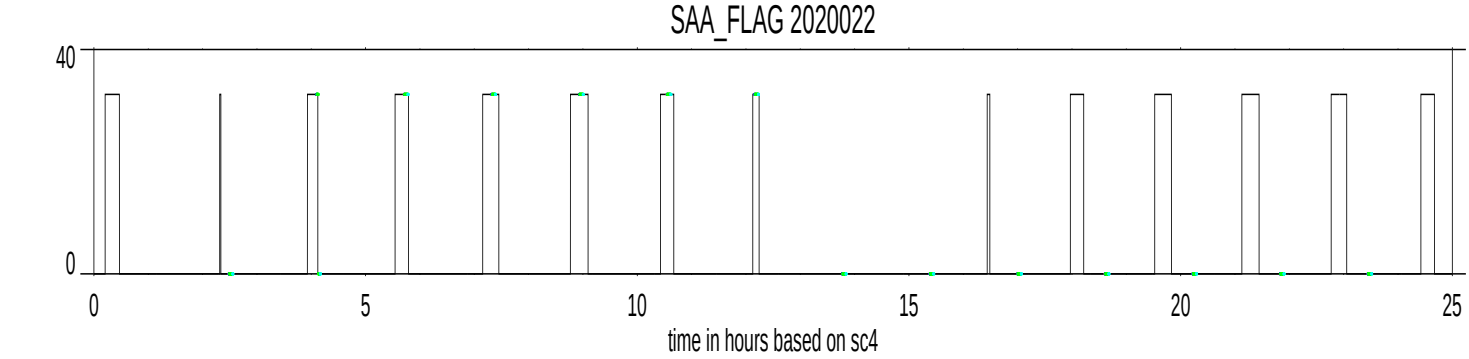


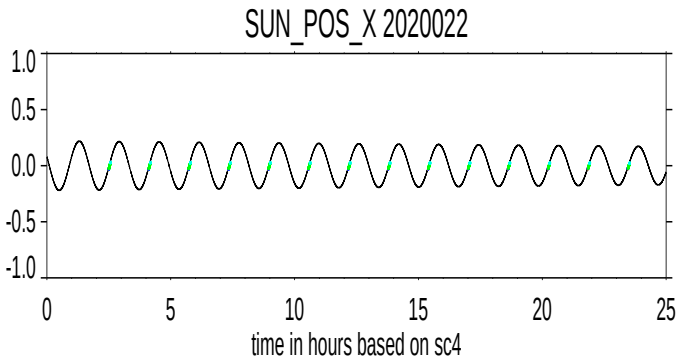

INTERNAL ERROR 2020022
16
8
0
0
5
10
15
20
25
time in hours based on sc4

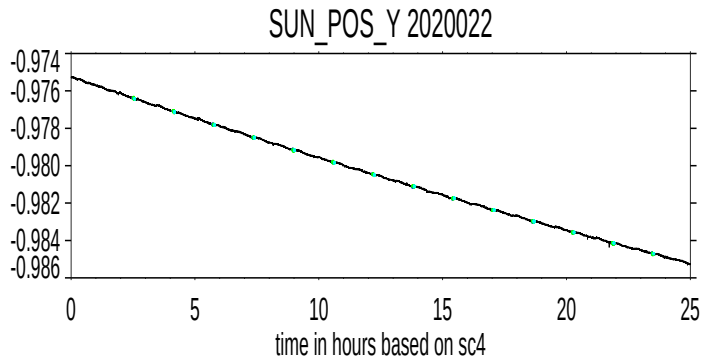

ERRORS 2020022
safe_bit
edac_err
gci_err
0
5
10
15
20
25
time in hours based on sc4

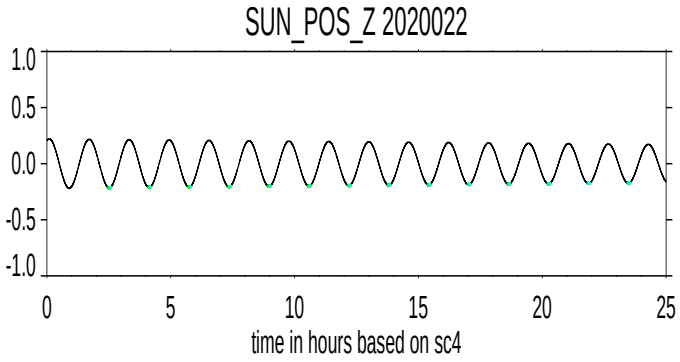

ODC STATUS 2020022
2
1
0
0
5
10
15
20
25
time in hours based on sc4

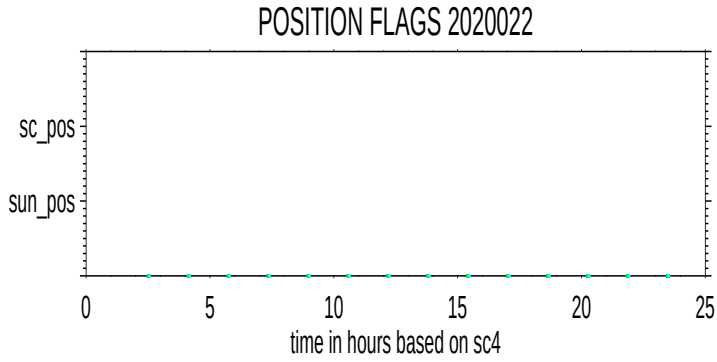

ZONES (0=non-saa,1=saa,2=n.pole,3=s.pole)
4
0
0
5
10
15
20
25
time in hours based on sc4

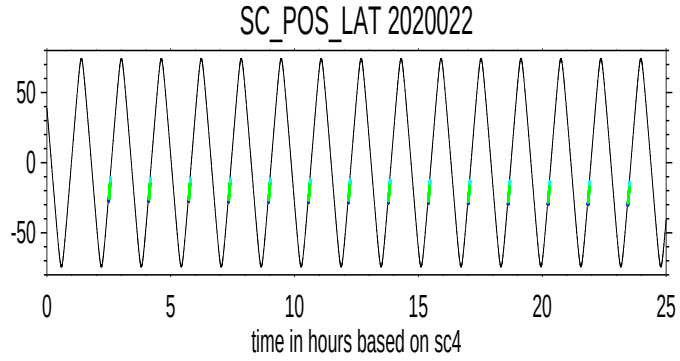

SAA_FLAG 2020022
40
0
0
5
10
15
20
25
time in hours based on sc4

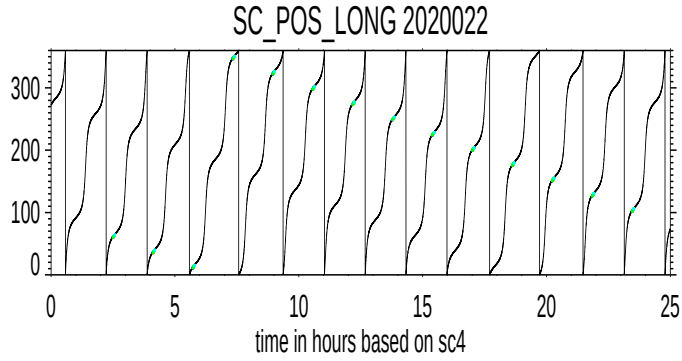

SUN_POS_X 2020022
1.0
0.5
0.0
-0.5
-1.0
0
5
10
15
20
25
time in hours based on sc4

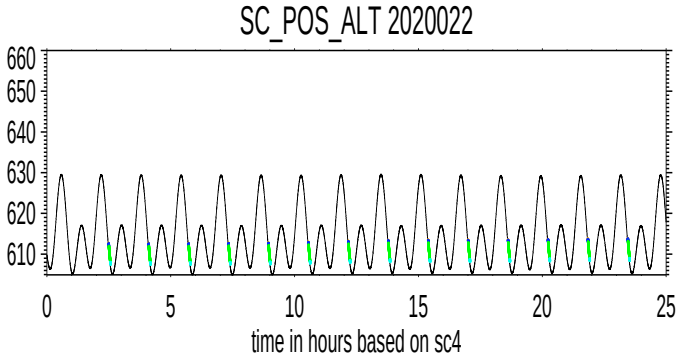

SUN_POS_Y 2020022
-0.974
-0.976
-0.978
-0.980
-0.982
-0.984
-0.986
0
5
10
15
20
25
time in hours based on sc4

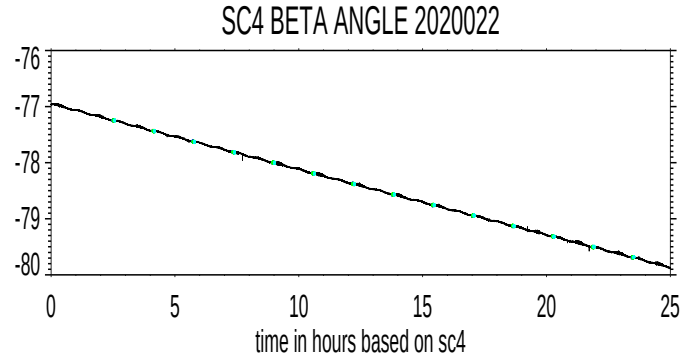

SUN_POS_Z 2020022
1.0
0.5
0.0
-0.5
-1.0
0
5
10
15
20
25
time in hours based on sc4


POSITION FLAGS 2020022
sc_pos
sun_pos
0
5
10
15
20
25
time in hours based on sc4


SC_POS_LAT 2020022
50
0
-50
0
5
10
15
20
25
time in hours based on sc4


SC_POS_LONG 2020022
300
200
100
0
0
5
10
15
20
25
time in hours based on sc4


SC_POS_ALT 2020022
660
650
640
630
620
610
0
5
10
15
20
25
time in hours based on sc4


SC4 BETA ANGLE 2020022
-76
-77
-78
-79
-80
0
5
10
15
20
25
time in hours based on sc4