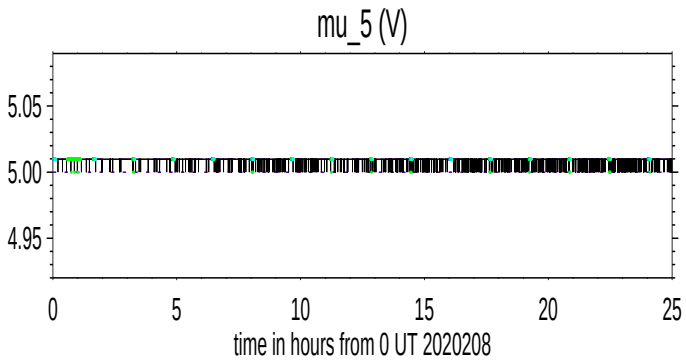
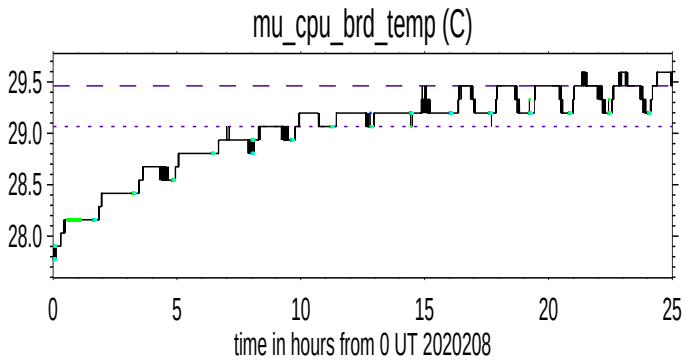
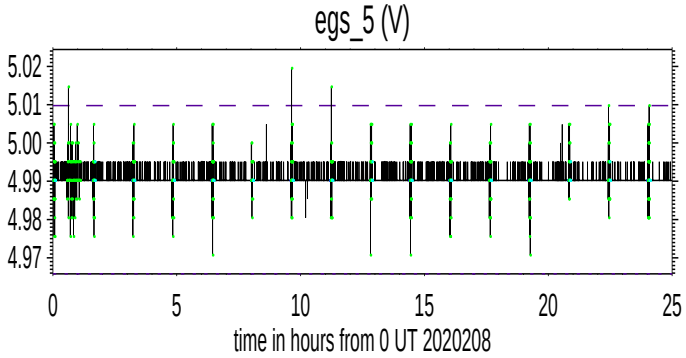
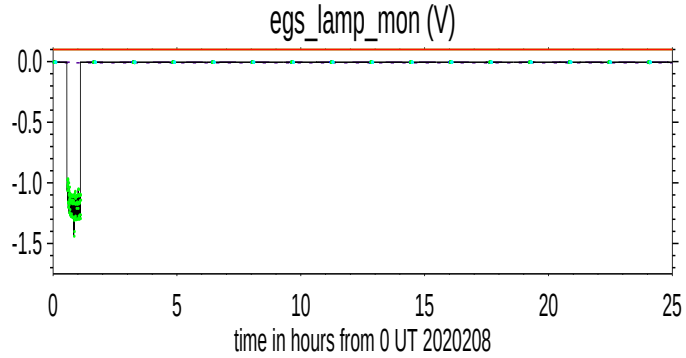
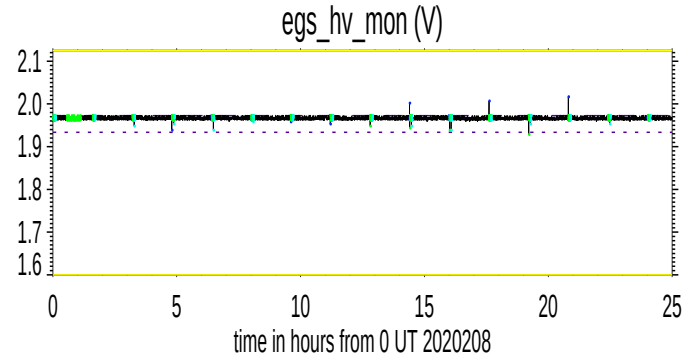
Information for 2020208

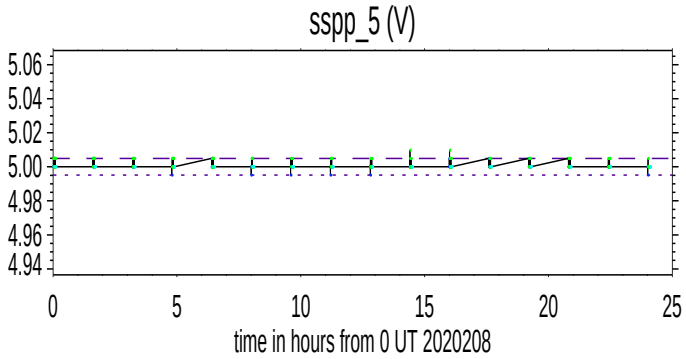

mu_5 (V)
5.05
5.00
4.95
0
5
10
15
20
25
time in hours from 0 UT 2020208

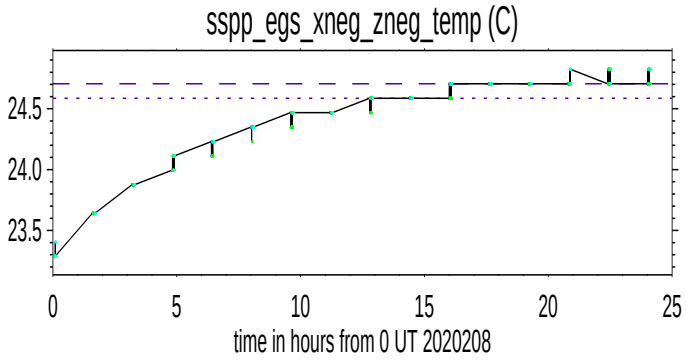

mu_cpu_brd_temp (C)
29.5
29.0
28.5
28.0
0
5
10
15
20
25
time in hours from 0 UT 2020208


egs_5 (V)
5.02
5.01
5.00
4.99
4.98
4.97
0
5
10
15
20
25
time in hours from 0 UT 2020208


egs_lamp_mon (V)
0.0
-0.5
-1.0
-1.5
0
5
10
15
20
25
time in hours from 0 UT 2020208


egs_hv_mon (V)
2.1
2.0
1.9
1.8
1.7
1.6
0
5
10
15
20
25
time in hours from 0 UT 2020208


sspp_5 (V)
5.06
5.04
5.02
5.00
4.98
4.96
4.94
0
5
10
15
20
25
time in hours from 0 UT 2020208


sspp_egs_xneg_zneg_temp (C)
24.5
24.0
23.5
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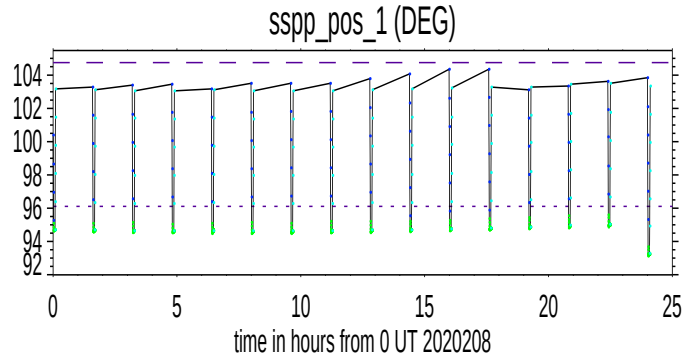
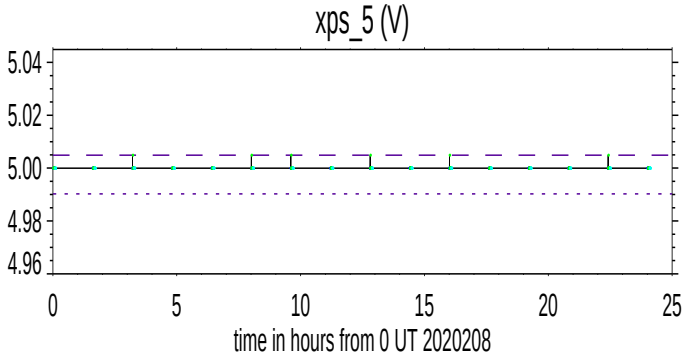
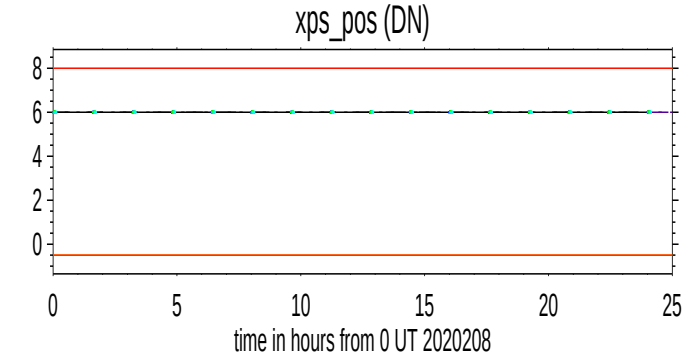
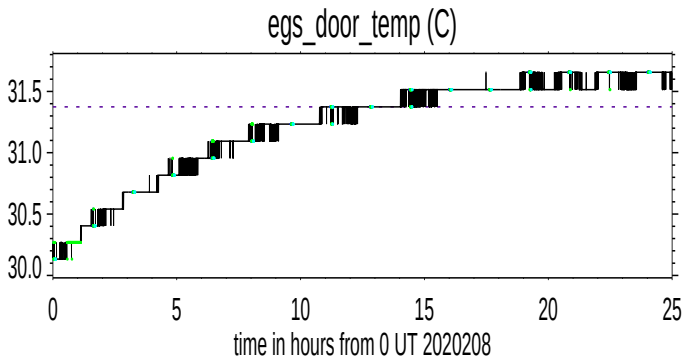
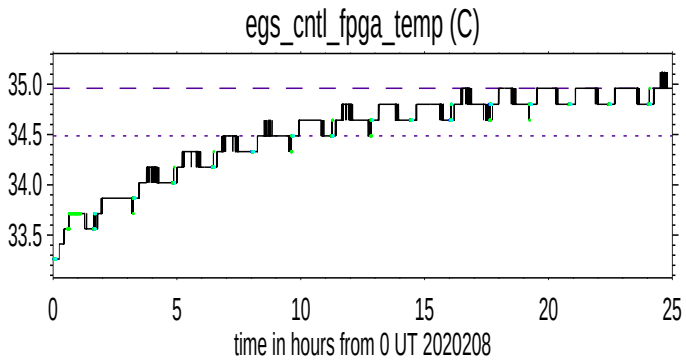
5
10
15
20
25
time in hours from 0 UT 2020208

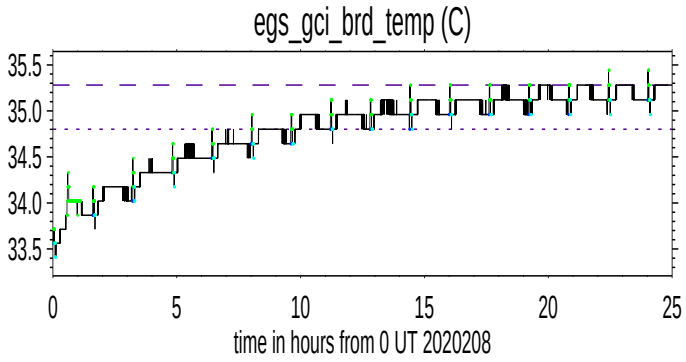

sspp_pos_1 (DEG)
104
102
100
98
96
94
92
0
5
10
15
20
25
time in hours from 0 UT 2020208

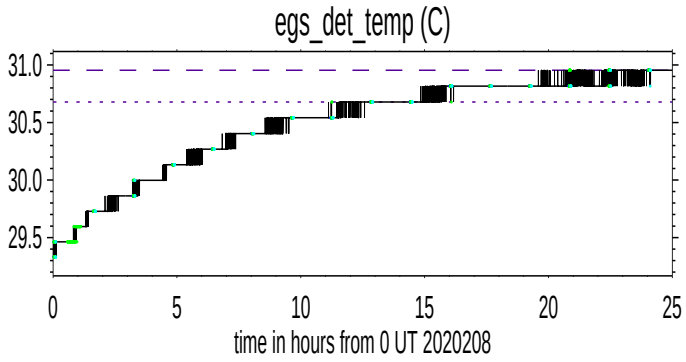

xps_5 (V)
5.04
5.02
5.00
4.98
4.96
0
5
10
15
20
25
time in hours from 0 UT 2020208

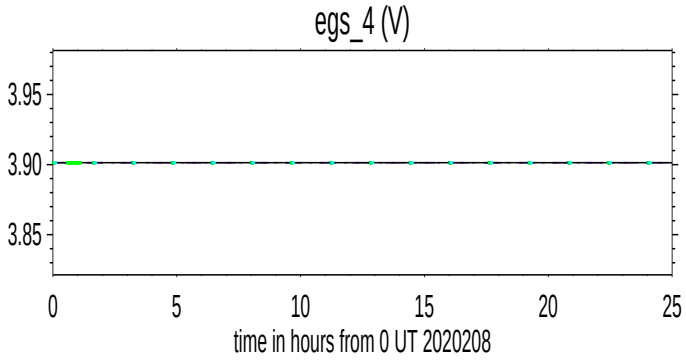

xps_pos (DN)
8
6
4
2
0
0
5
10
15
20
25
time in hours from 0 UT 2020208

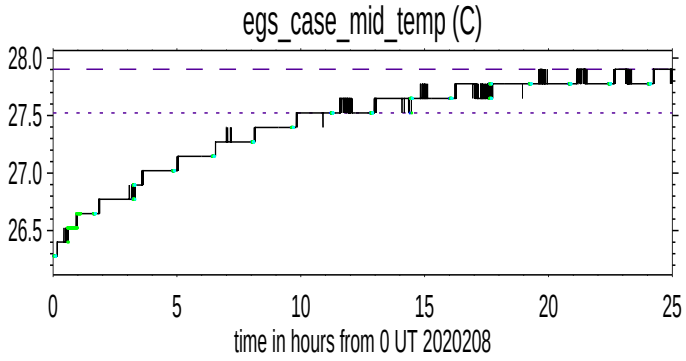

egs_door_temp (C)
31.5
31.0
30.5
30.0
0
5
10
15
20
25
time in hours from 0 UT 2020208

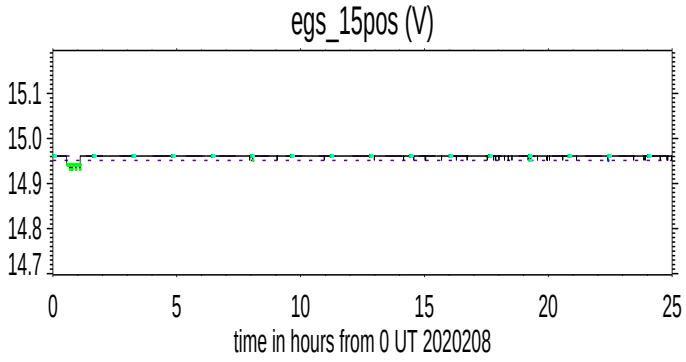

egs_cntl_fpga_temp (C)
35.0
34.5
34.0
33.5
0
5
10
15
20
25
time in hours from 0 UT 2020208

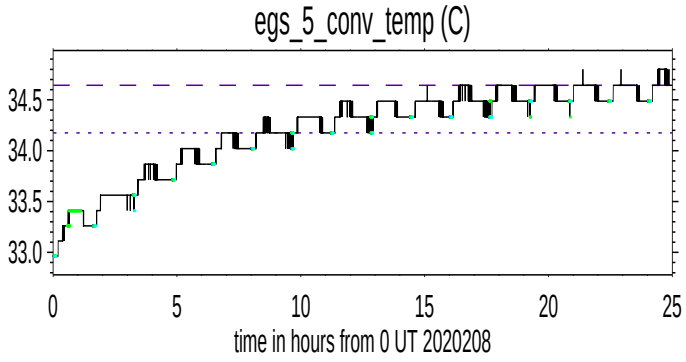

egs_gci_brd_temp (C)
35.5
35.0
34.5
34.0
33.5
0
5
10
15
20
25
time in hours from 0 UT 2020208

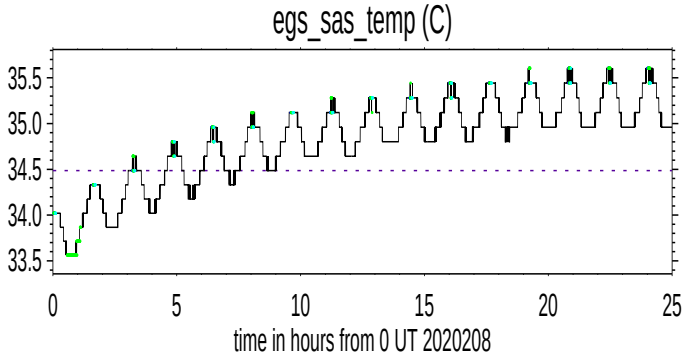

egs_det_temp (C)
31.0
30.5
30.0
29.5
0
5
10
15
20
25
time in hours from 0 UT 2020208


egs_4 (V)
3.95
3.90
3.85
0
5
10
15
20
25
time in hours from 0 UT 2020208


egs_case_mid_temp (C)
28.0
27.5
27.0
26.5
0
5
10
15
20
25
time in hours from 0 UT 2020208


egs_15pos (V)
15.1
15.0
14.9
14.8
14.7
0
5
10
15
20
25
time in hours from 0 UT 2020208


egs_5_conv_temp (C)
34.5
34.0
33.5
33.0
0
5
10
15
20
25
time in hours from 0 UT 2020208


egs_sas_temp (C)
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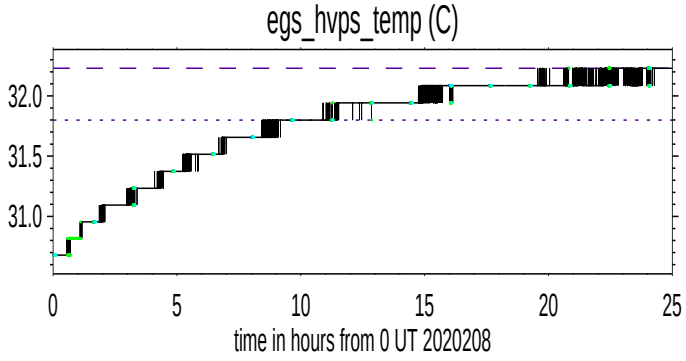
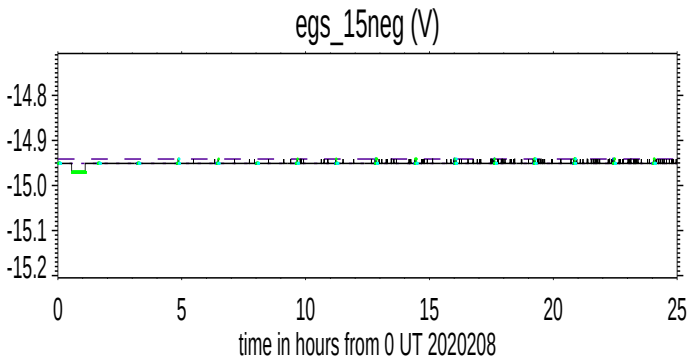
35.0
34.5
34.0
33.5
0
5
10
15
20
25
time in hours from 0 UT 2020208


egs_hvps_temp (C)
32.0
31.5
31.0
0
5
10
15
20
25
time in hours from 0 UT 2020208


egs_15neg (V)
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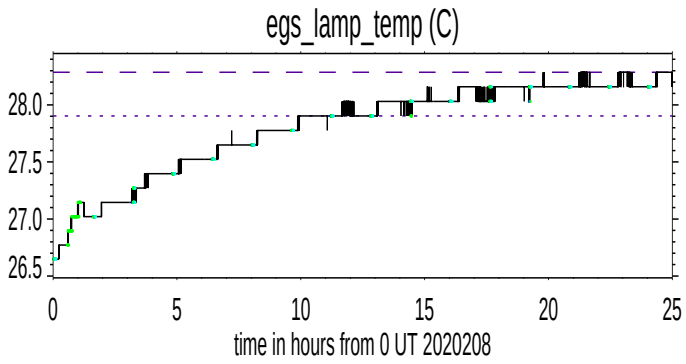
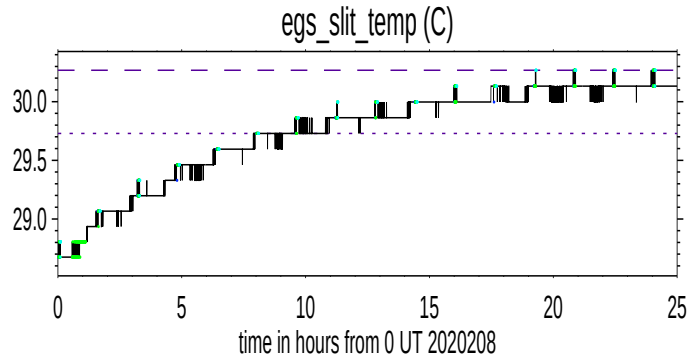
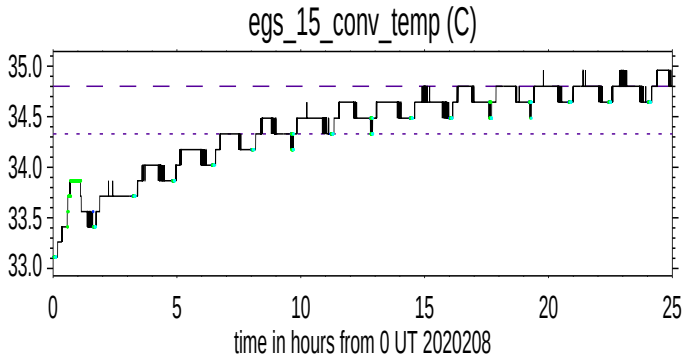
-14.9
-15.0
-15.1
-15.2
0
5
10
15
20
25
time in hours from 0 UT 2020208


egs_lamp_temp (C)
28.0
27.5
27.0
26.5
0
5
10
15
20
25
time in hours from 0 UT 2020208


egs_slit_temp (C)
30.0
29.5
29.0
0
5
10
15
20
25
time in hours from 0 UT 2020208


egs_15_conv_temp (C)
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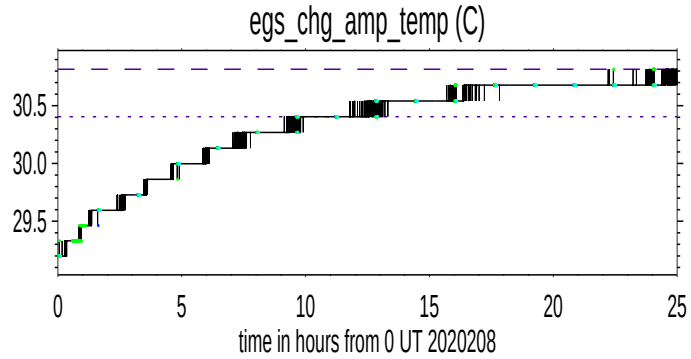
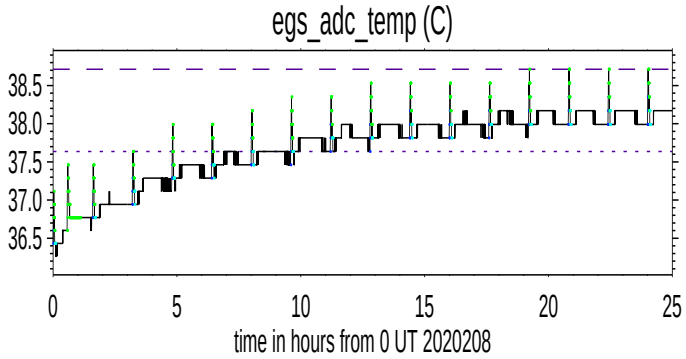
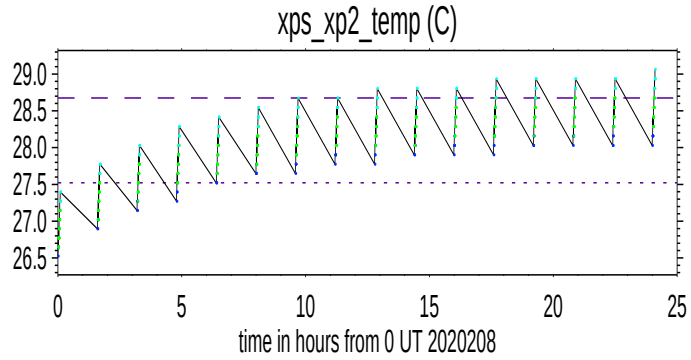
34.5
34.0
33.5
33.0
0
5
10
15
20
25
time in hours from 0 UT 2020208


egs_chg_amp_temp (C)
30.5
30.0
29.5
0
5
10
15
20
25
time in hours from 0 UT 2020208


egs_adc_temp (C)
38.5
38.0
37.5
37.0
36.5
0
5
10
15
20
25
time in hours from 0 UT 2020208


xps_xp2_temp (C)
29.0
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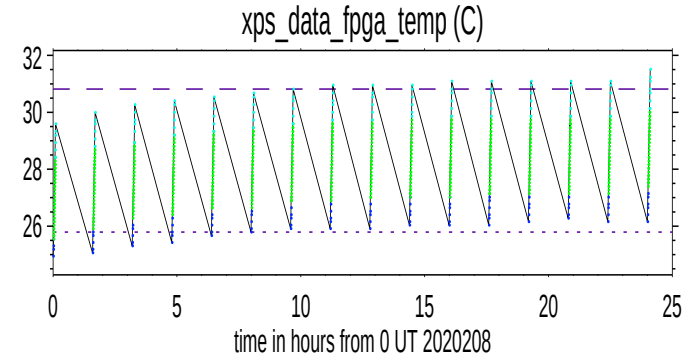
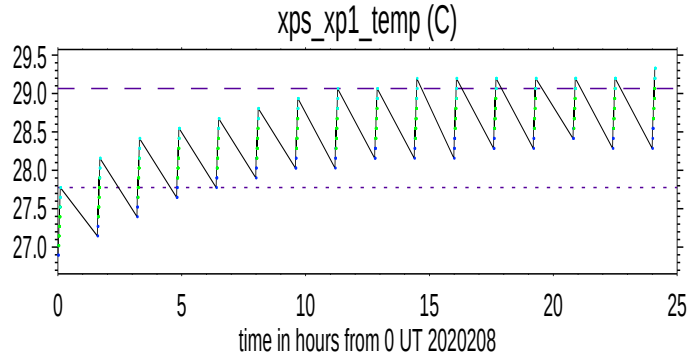
28.0
27.5
27.0
26.5
0
5
10
15
20
25
time in hours from 0 UT 2020208


xps_data_fpga_temp (C)
32
30
28
26
0
5
10
15
20
25
time in hours from 0 UT 2020208


xps_xp1_temp (C)
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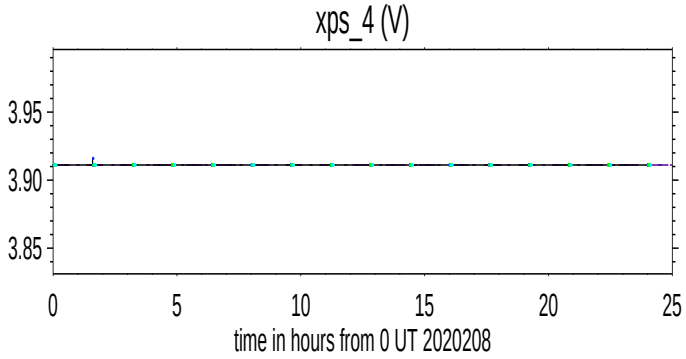
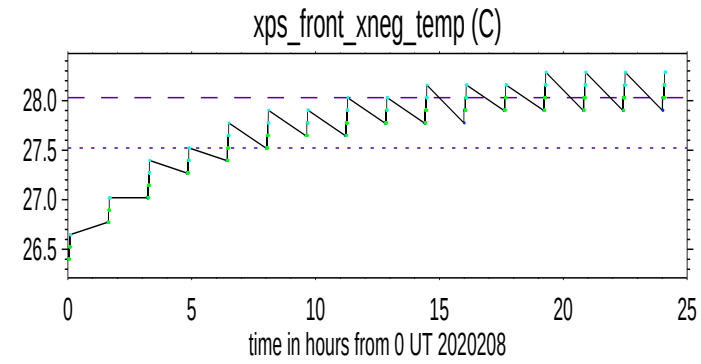
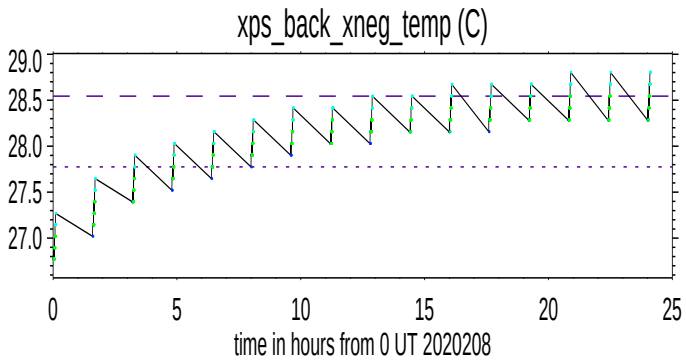
28.5
28.0
27.5
27.0
0
5
10
15
20
25
time in hours from 0 UT 2020208


xps_4 (V)
3.95
3.90
3.85
0
5
10
15
20
25
time in hours from 0 UT 2020208


xps_front_xneg_temp (C)
28.0
27.5
27.0
26.5
0
5
10
15
20
25
time in hours from 0 UT 2020208


xps_back_xneg_temp (C)
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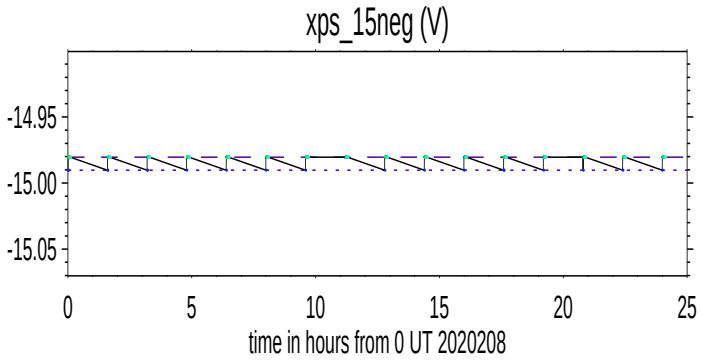
28.5
28.0
27.5
27.0
0
5
10
15
20
25
time in hours from 0 UT 2020208


xps_15neg (V)
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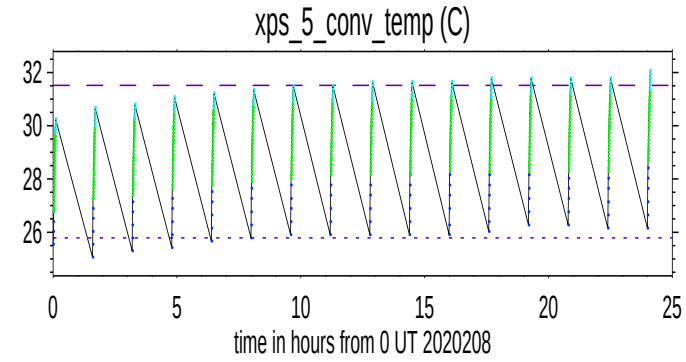
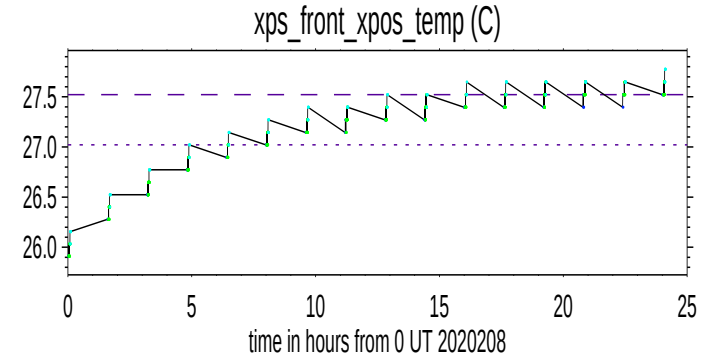
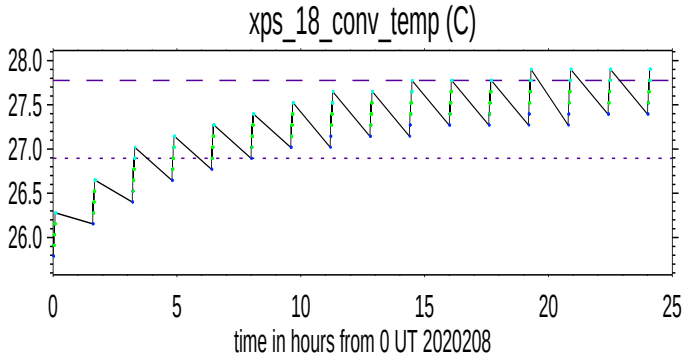
-15.00
-15.05
0
5
10
15
20
25
time in hours from 0 UT 2020208


xps_5_conv_temp (C)
32
30
28
26
0
5
10
15
20
25
time in hours from 0 UT 2020208


xps_front_xpos_temp (C)
27.5
27.0
26.5
26.0
0
5
10
15
20
25
time in hours from 0 UT 2020208


xps_18_conv_temp (C)
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27.5
27.0
26.5
26.0
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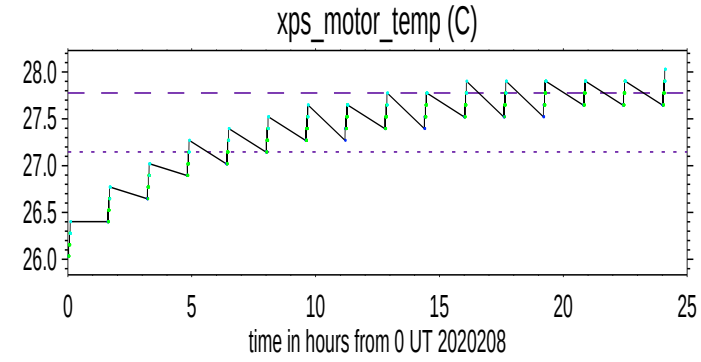
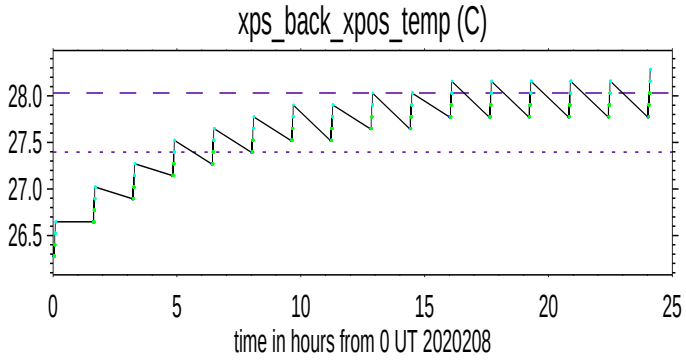
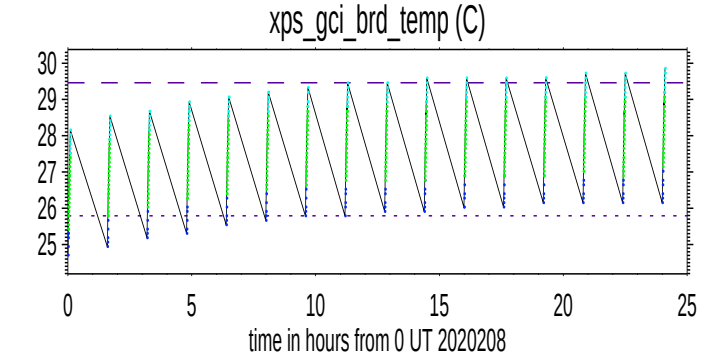
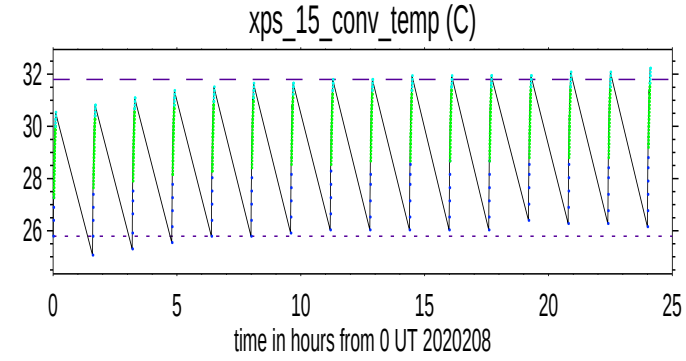
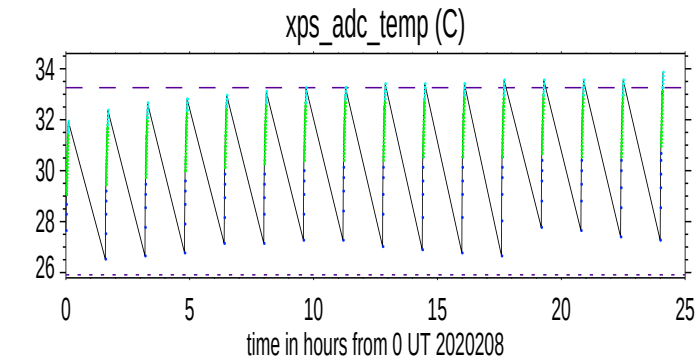
5
10
15
20
25
time in hours from 0 UT 2020208

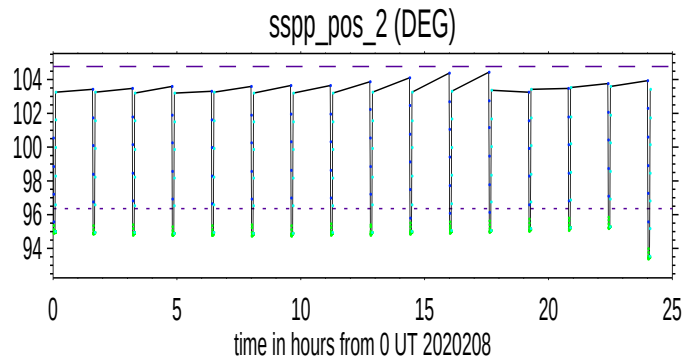

xps_motor_temp (C)
28.0
27.5
27.0
26.5
26.0
0
5
10
15
20
25
time in hours from 0 UT 2020208

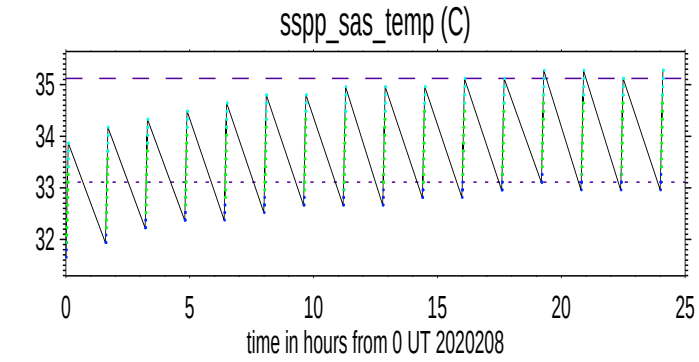

xps_back_xpos_temp (C)
28.0
27.5
27.0
26.5
0
5
10
15
20
25
time in hours from 0 UT 2020208

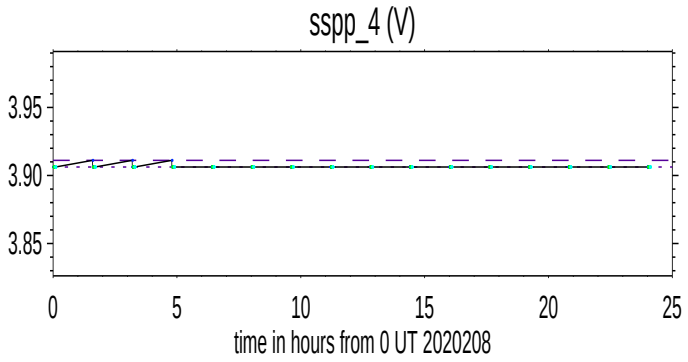

xps_gci_brd_temp (C)
30
29
28
27
26
25
0
5
10
15
20
25
time in hours from 0 UT 2020208

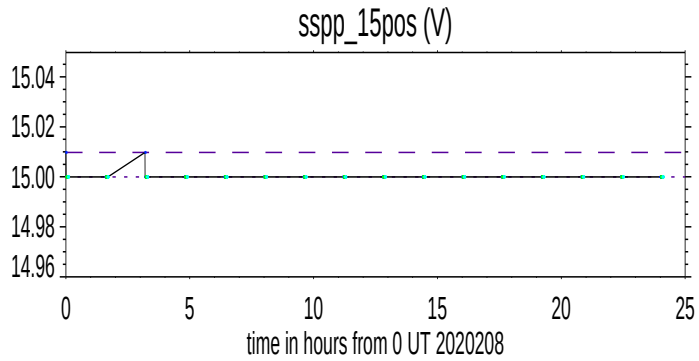

xps_15_conv_temp (C)
32
30
28
26
0
5
10
15
20
25
time in hours from 0 UT 2020208

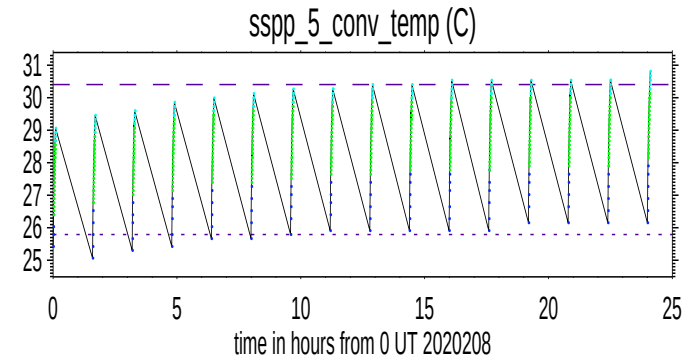

xps_adc_temp (C)
34
32
30
28
26
0
5
10
15
20
25
time in hours from 0 UT 2020208

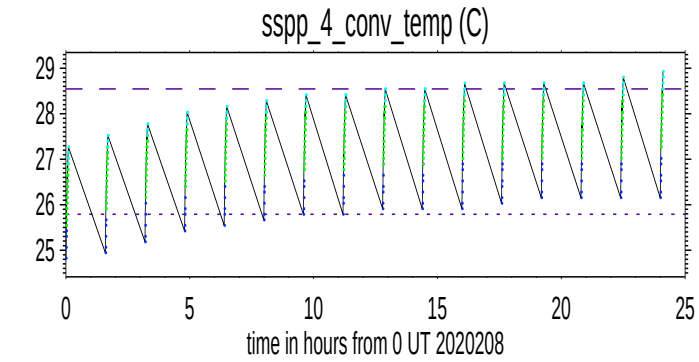

sspp_pos_2 (DEG)
104
102
100
98
96
94
0
5
10
15
20
25
time in hours from 0 UT 2020208

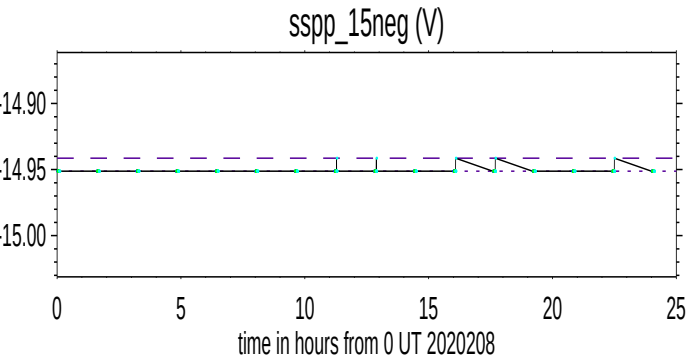

sspp_sas_temp (C)
35
34
33
32
0
5
10
15
20
25
time in hours from 0 UT 2020208

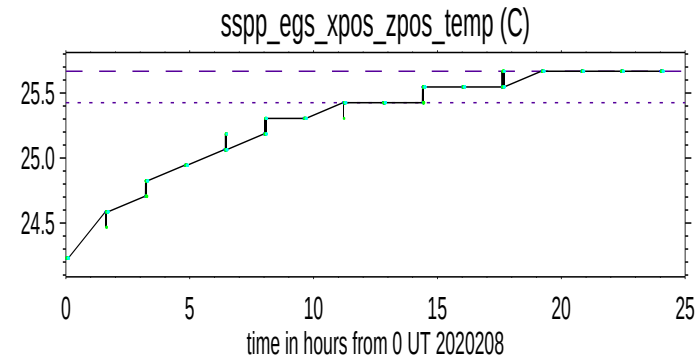

sspp_4 (V)
3.95
3.90
3.85
0
5
10
15
20
25
time in hours from 0 UT 2020208

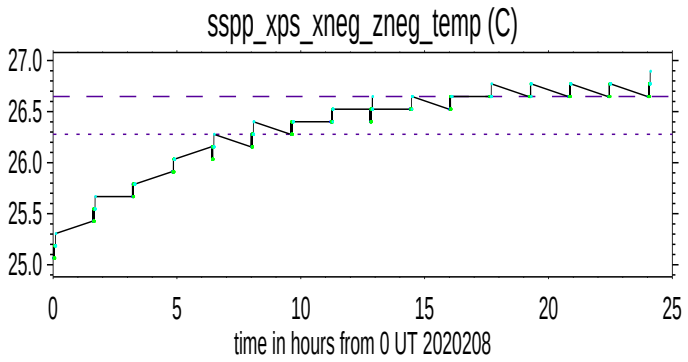

sspp_15pos (V)
15.04
15.02
15.00
14.98
14.96
0
5
10
15
20
25
time in hours from 0 UT 2020208

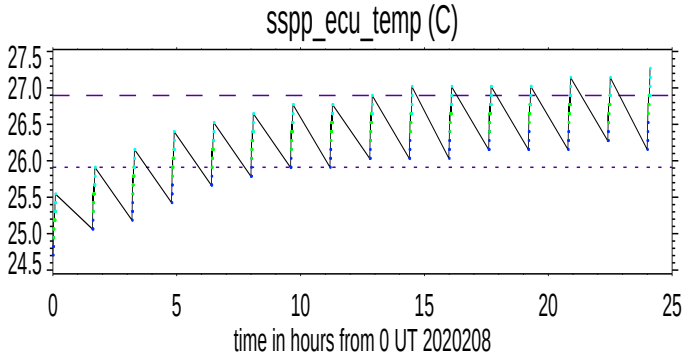

sspp_5_conv_temp (C)
31
30
29
28
27
26
25
0
5
10
15
20
25
time in hours from 0 UT 2020208

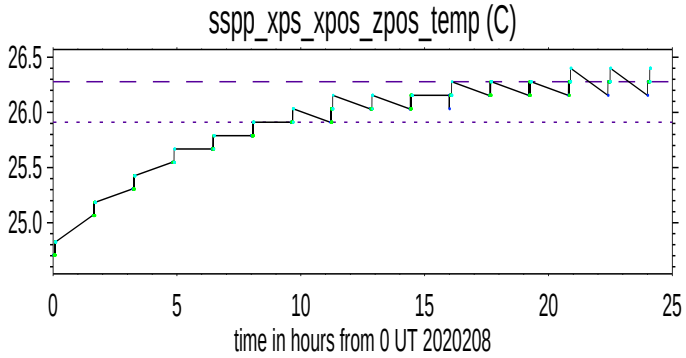

sspp_4_conv_temp (C)
29
28
27
26
25
0
5
10
15
20
25
time in hours from 0 UT 2020208

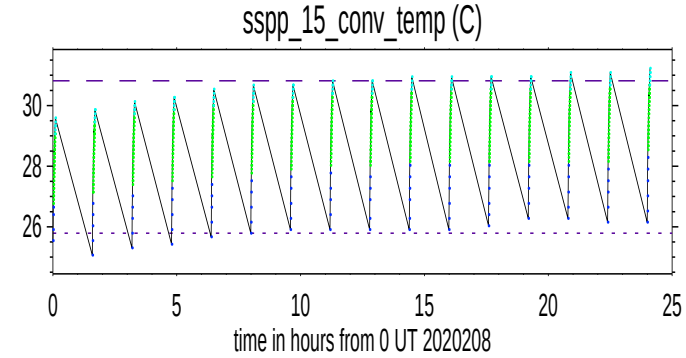

sspp_15neg (V)
-14.90
-14.95
-15.00
0
5
10
15
20
25
time in hours from 0 UT 2020208

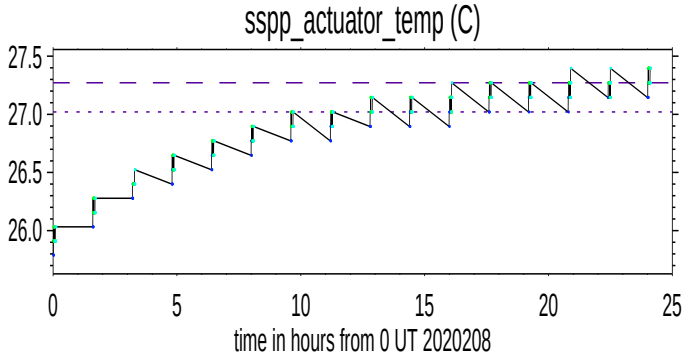

sspp_egs_xpos_zpos_temp (C)
25.5
25.0
24.5
0
5
10
15
20
25
time in hours from 0 UT 2020208

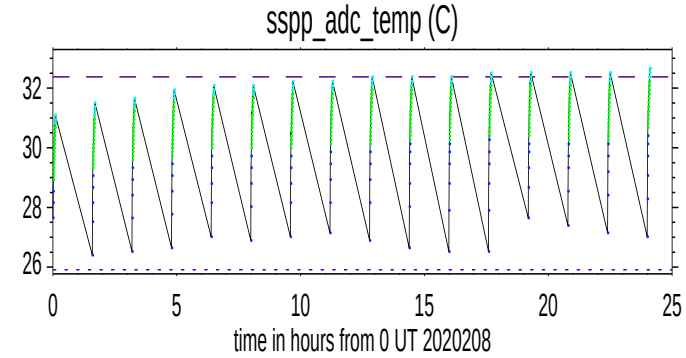

sspp_xps_xneg_zneg_temp (C)
27.0
26.5
26.0
25.5
25.0
0
5
10
15
20
25
time in hours from 0 UT 2020208

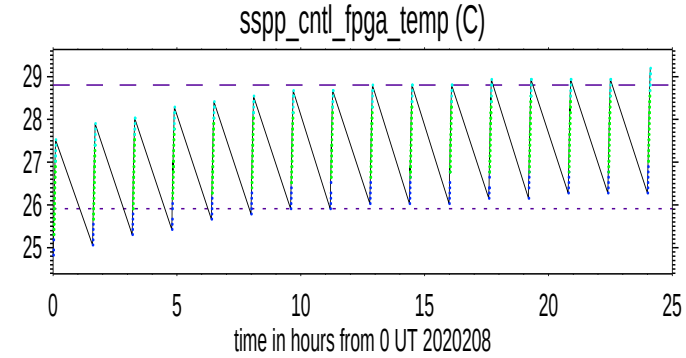

sspp_ecu_temp (C)
27.5
27.0
26.5
26.0
25.5
25.0
24.5
0
5
10
15
20
25
time in hours from 0 UT 2020208

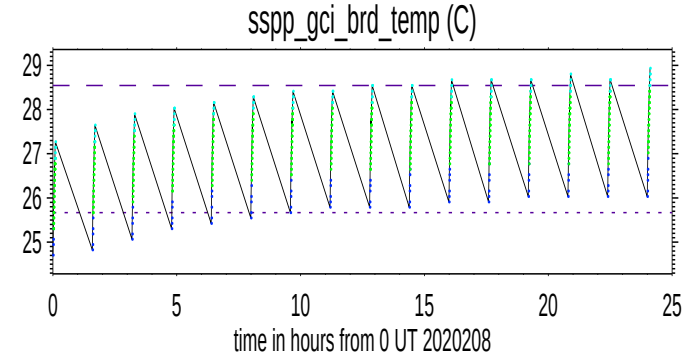

sspp_xps_xpos_zpos_temp (C)
26.5
26.0
25.5
25.0
0
5
10
15
20
25
time in hours from 0 UT 2020208

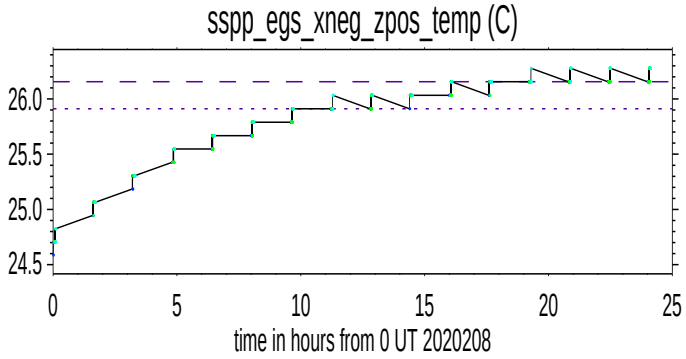

sspp_15_conv_temp (C)
30
28
26
0
5
10
15
20
25
time in hours from 0 UT 2020208

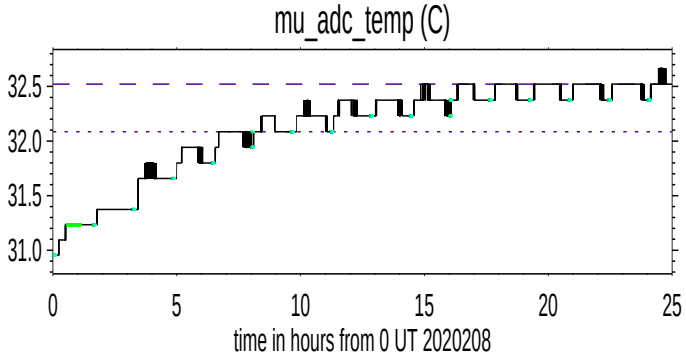

sspp_actuator_temp (C)
27.5
27.0
26.5
26.0
0
5
10
15
20
25
time in hours from 0 UT 2020208

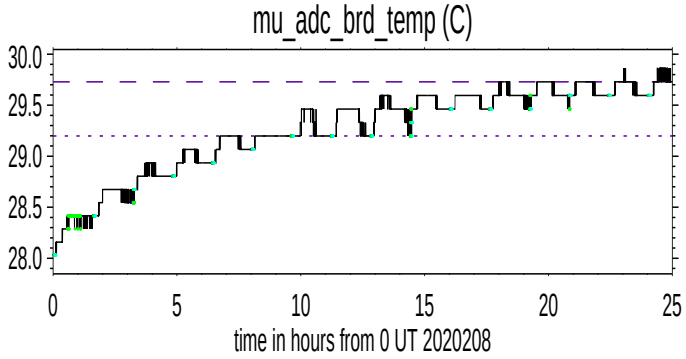

sspp_adc_temp (C)
32
30
28
26
0
5
10
15
20
25
time in hours from 0 UT 2020208

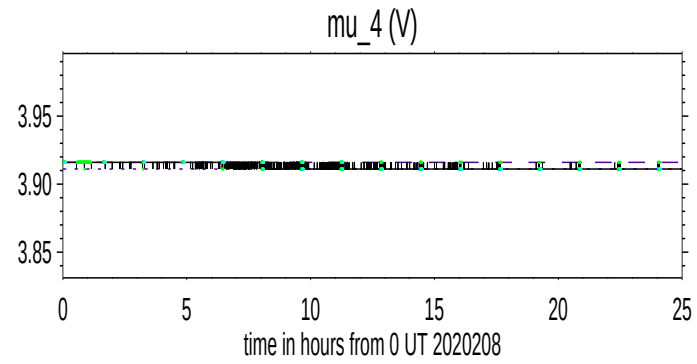

sspp_cntl_fpga_temp (C)
29
28
27
26
25
0
5
10
15
20
25
time in hours from 0 UT 2020208

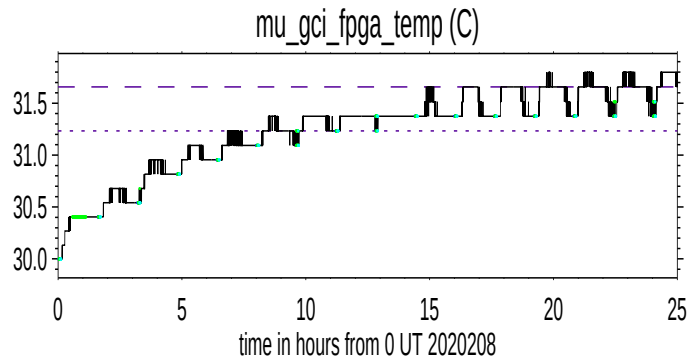

sspp_gci_brd_temp (C)
29
28
27
26
25
0
5
10
15
20
25
time in hours from 0 UT 2020208

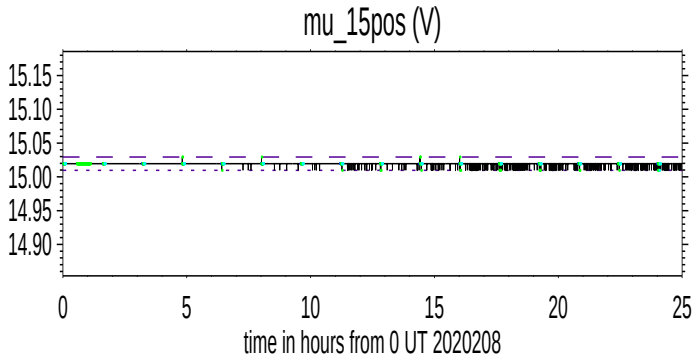

sspp_egs_xneg_zpos_temp (C)
26.0
25.5
25.0
24.5
0
5
10
15
20
25
time in hours from 0 UT 2020208

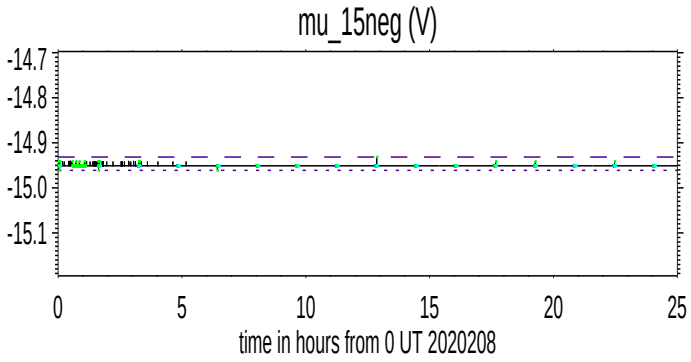

mu_adc_temp (C)
32.5
32.0
31.5
31.0
0
5
10
15
20
25
time in hours from 0 UT 2020208

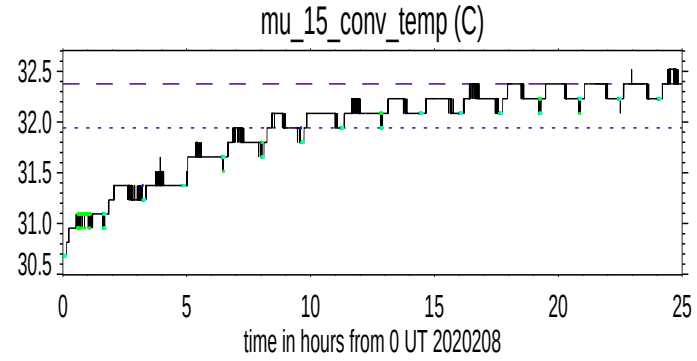

mu_adc_brd_temp (C)
30.0
29.5
29.0
28.5
28.0
0
5
10
15
20
25
time in hours from 0 UT 2020208

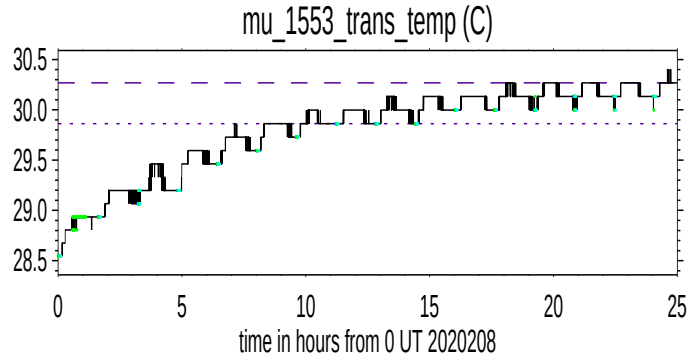

mu_4 (V)
3.95
3.90
3.85
0
5
10
15
20
25
time in hours from 0 UT 2020208

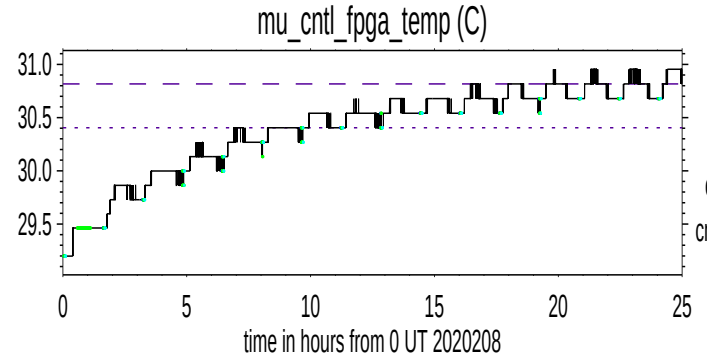

mu_gci_fpga_temp (C)
31.5
31.0
30.5
30.0
0
5
10
15
20
25
time in hours from 0 UT 2020208

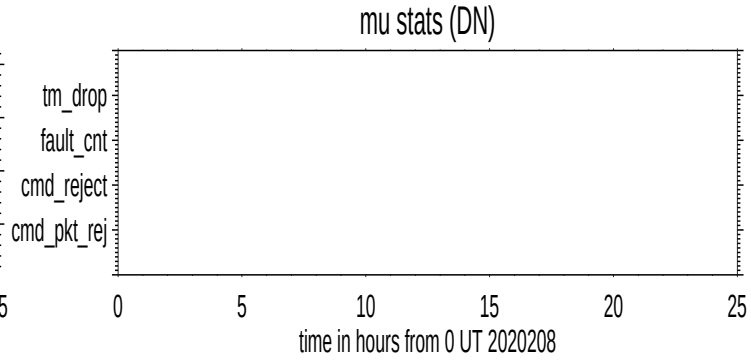

mu_15pos (V)
15.15
15.10
15.05
15.00
14.95
14.90
0
5
10
15
20
25
time in hours from 0 UT 2020208

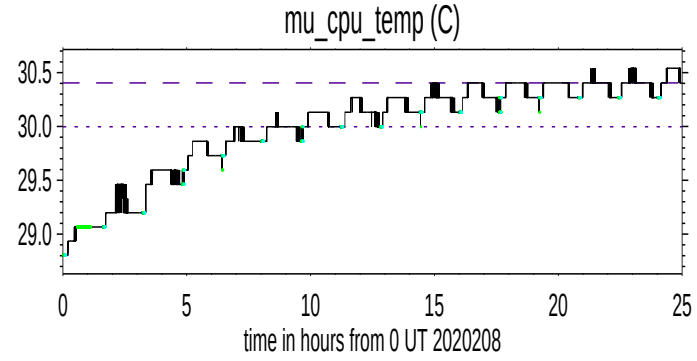

mu_15neg (V)
-14.7
-14.8
-14.9
-15.0
-15.1
0
5
10
15
20
25
time in hours from 0 UT 2020208

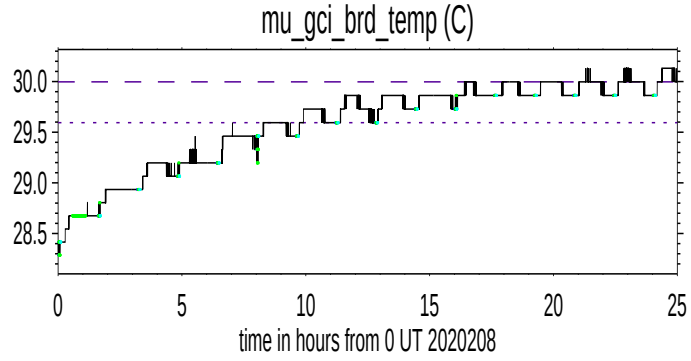

mu_15_conv_temp (C)
32.5
32.0
31.5
31.0
30.5
0
5
10
15
20
25
time in hours from 0 UT 2020208

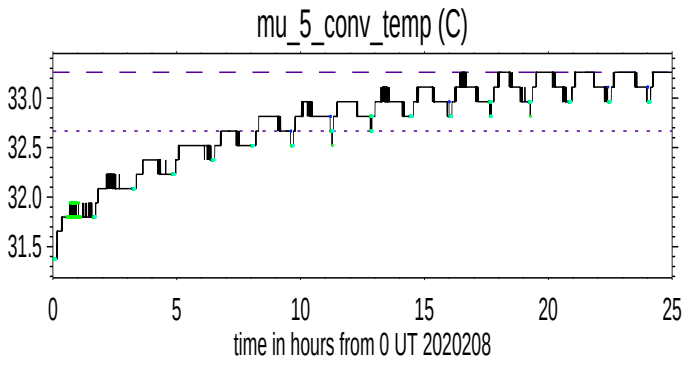

mu_1553_trans_temp (C)
30.5
30.0
29.5
29.0
28.5
0
5
10
15
20
25
time in hours from 0 UT 2020208

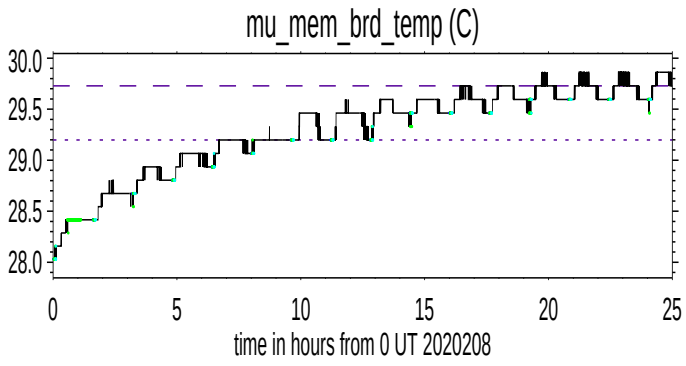

mu_cntl_fpga_temp (C)
31.0
30.5
30.0
29.5
0
5
10
15
20
25
time in hours from 0 UT 2020208

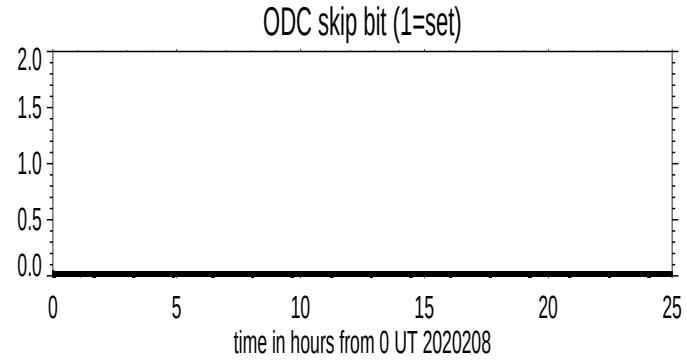

mu stats (DN)
tm_drop
fault_cnt
cmd_reject
cmd_pkt_rej
0
5
10
15
20
25
time in hours from 0 UT 2020208

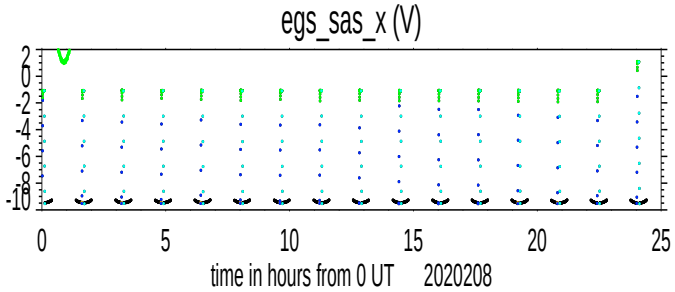

mu_cpu_temp (C)
30.5
30.0
29.5
29.0
0
5
10
15
20
25
time in hours from 0 UT 2020208

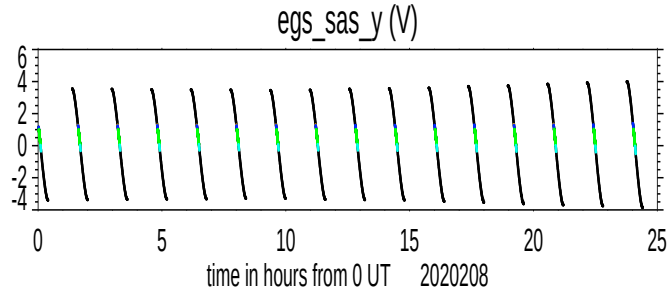

mu_gci_brd_temp (C)
30.0
29.5
29.0
28.5
0
5
10
15
20
25
time in hours from 0 UT 2020208

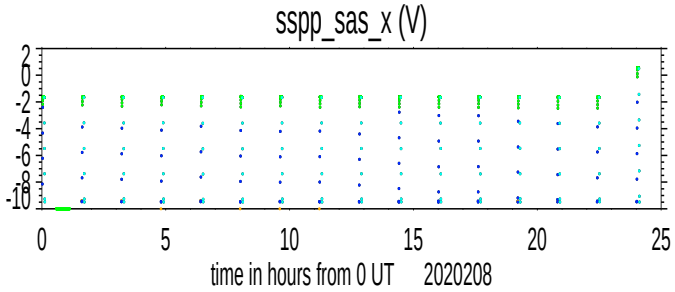

mu_5_conv_temp (C)
33.0
32.5
32.0
31.5
0
5
10
15
20
25
time in hours from 0 UT 2020208

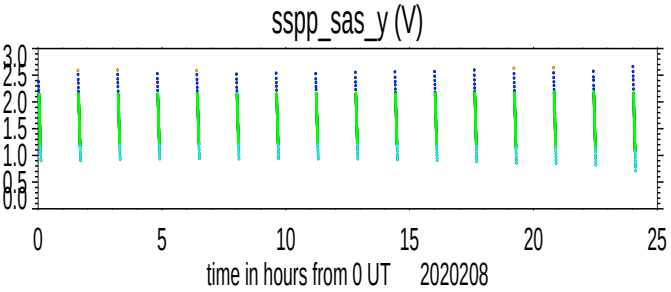

mu_mem_brd_temp (C)
30.0
29.5
29.0
28.5
28.0
0
5
10
15
20
25
time in hours from 0 UT 2020208

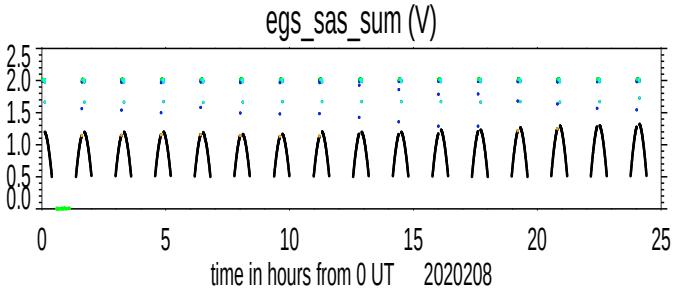

ODC skip bit (1=set)
2.0
1.5
1.0
0.5
0.0
0
5
10
15
20
25
time in hours from 0 UT 2020208

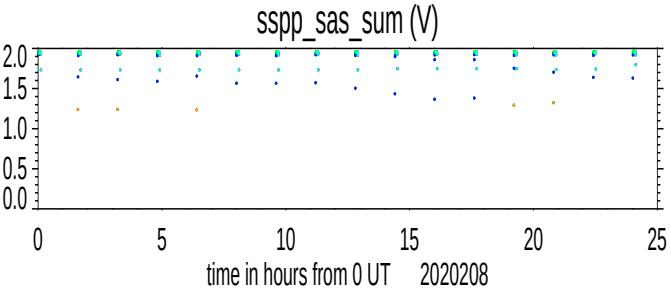

egs_sas_x (V)
time in hours from 0 UT 2020208

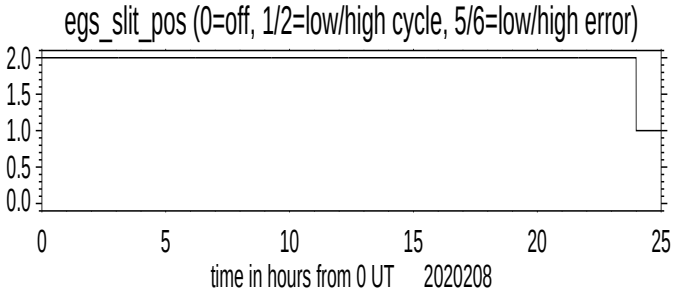

egs_sas_y (V)
time in hours from 0 UT 2020208

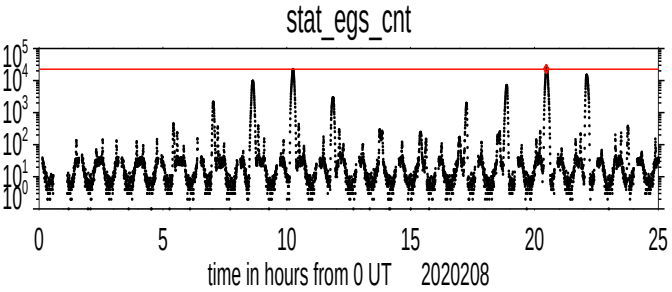

sspp_sas_x (V)
time in hours from 0 UT 2020208

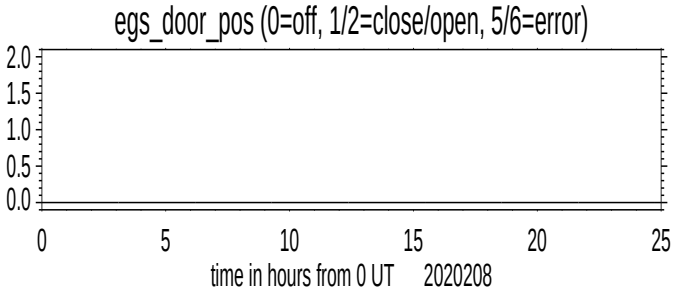

sspp_sas_y (V)
time in hours from 0 UT 2020208

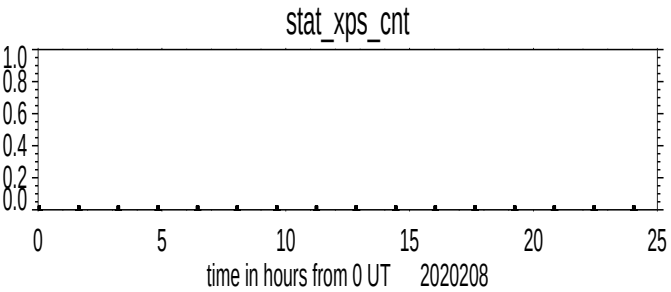

egs_sas_sum (V)
time in hours from 0 UT 2020208

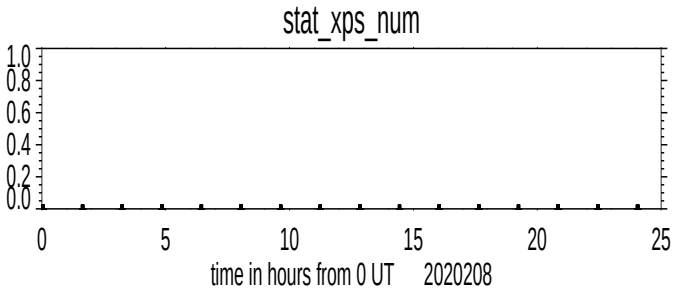

sspp_sas_sum (V)
time in hours from 0 UT 2020208

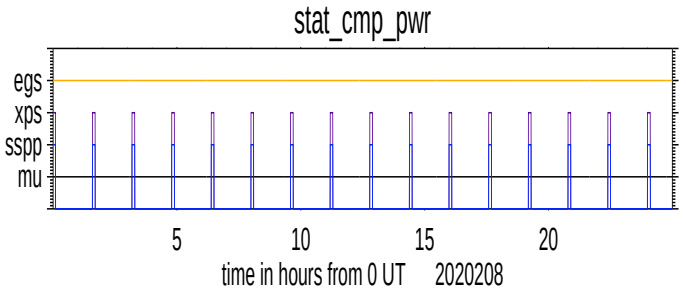

egs_slit_pos (0=off, 1/2=low/high cycle, 5/6=low/high error)
time in hours from 0 UT 2020208


stat_egs_cnt
time in hours from 0 UT 2020208

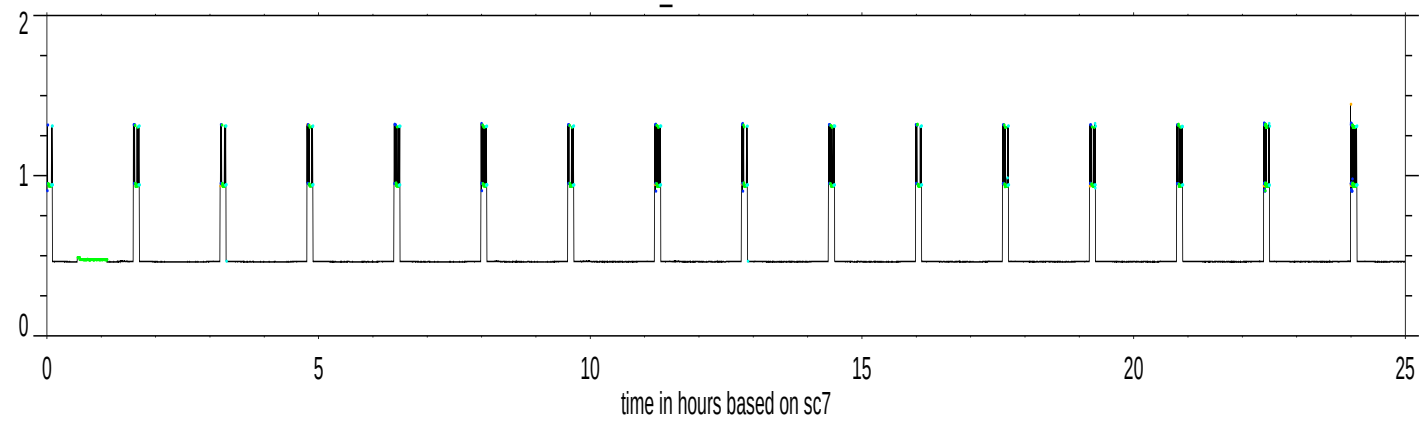

egs_door_pos (0=off, 1/2=close/open, 5/6=error)
time in hours from 0 UT 2020208


stat_xps_cnt
time in hours from 0 UT 2020208

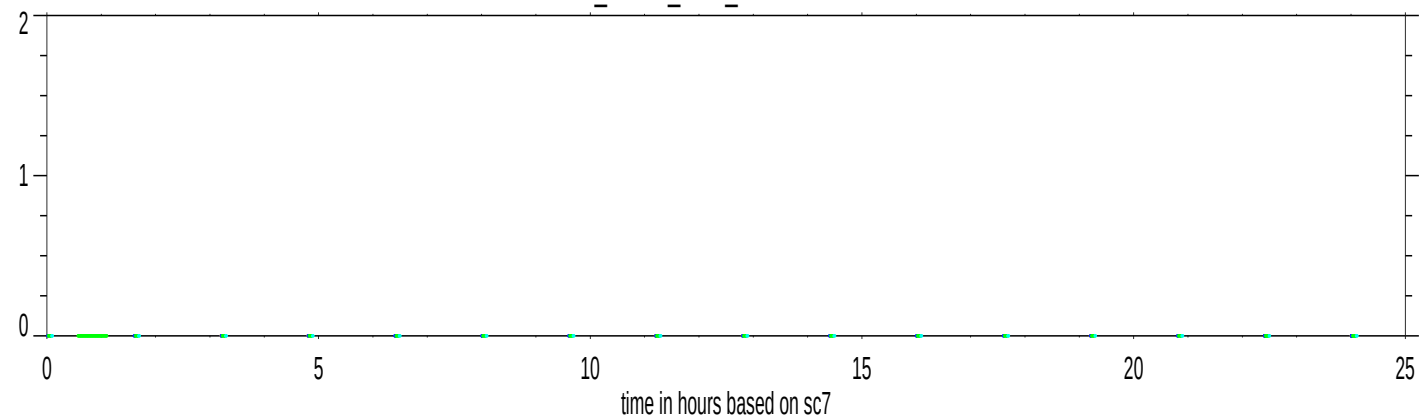

stat_xps_num
time in hours from 0 UT 2020208


stat_cmp_pwr
egs
xps
sspp
mu
time in hours from 0 UT 2020208

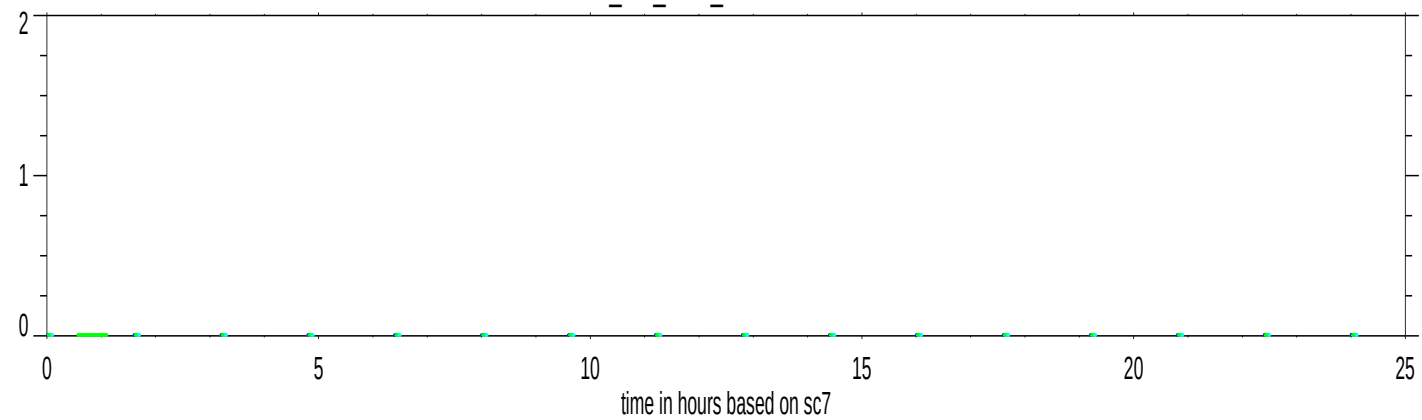
SEE_CUR 2020208



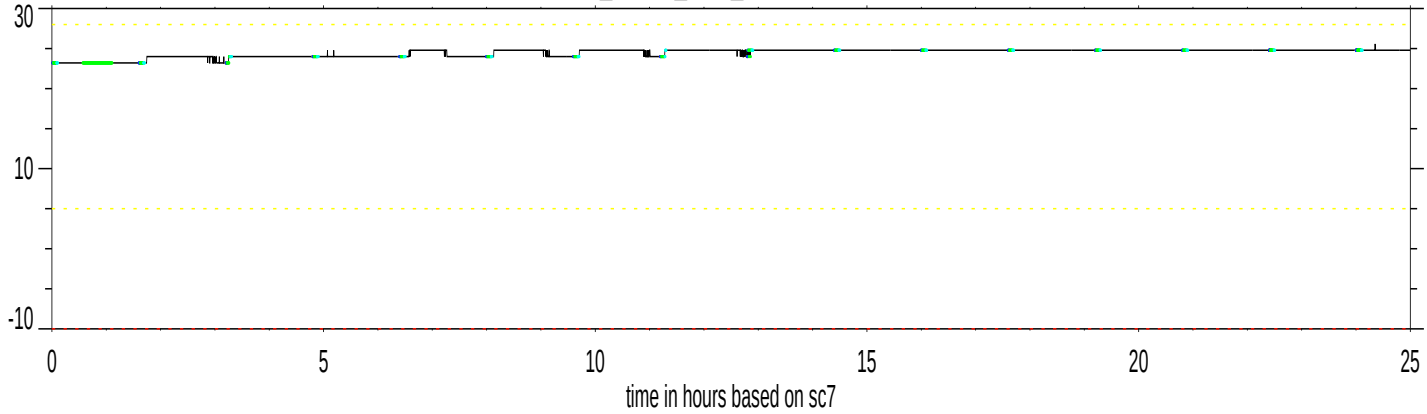

SEE_SURV_HTR_CUR 2020208



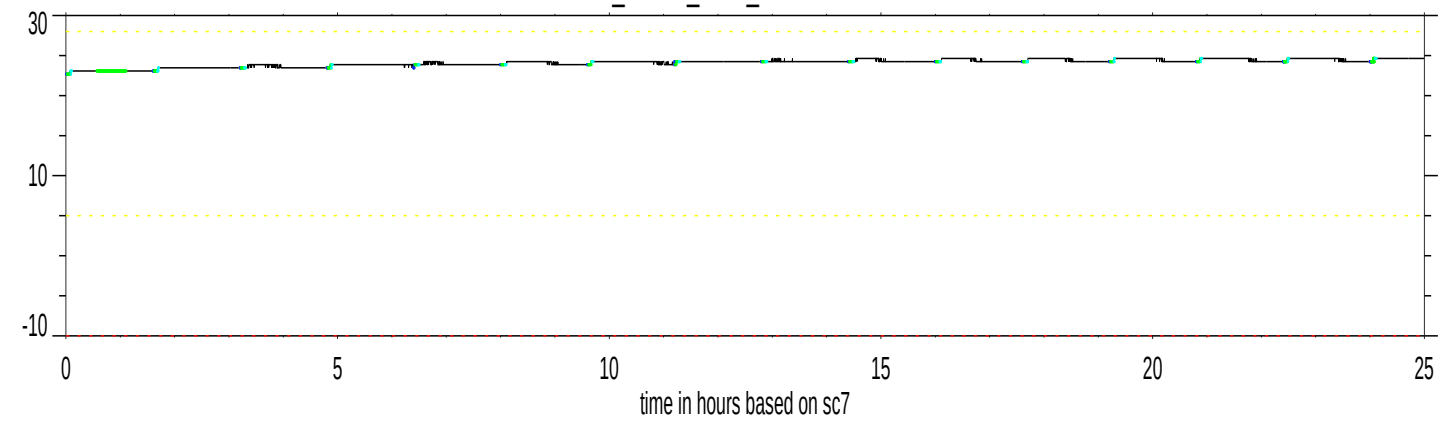

SEE_OP_HTR_CUR 2020208



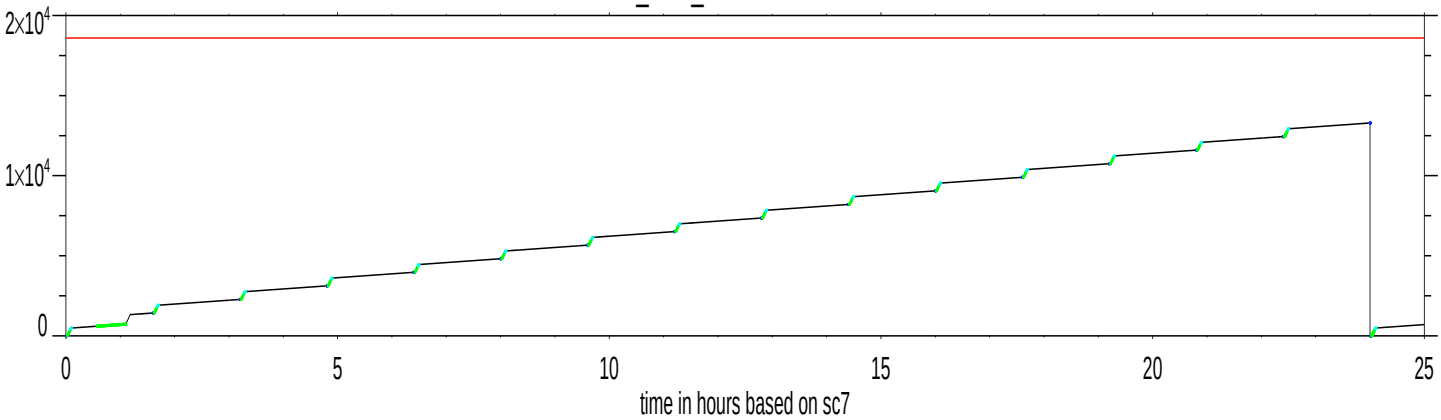

SSPP_BHND_XPS_TEMP 2020208



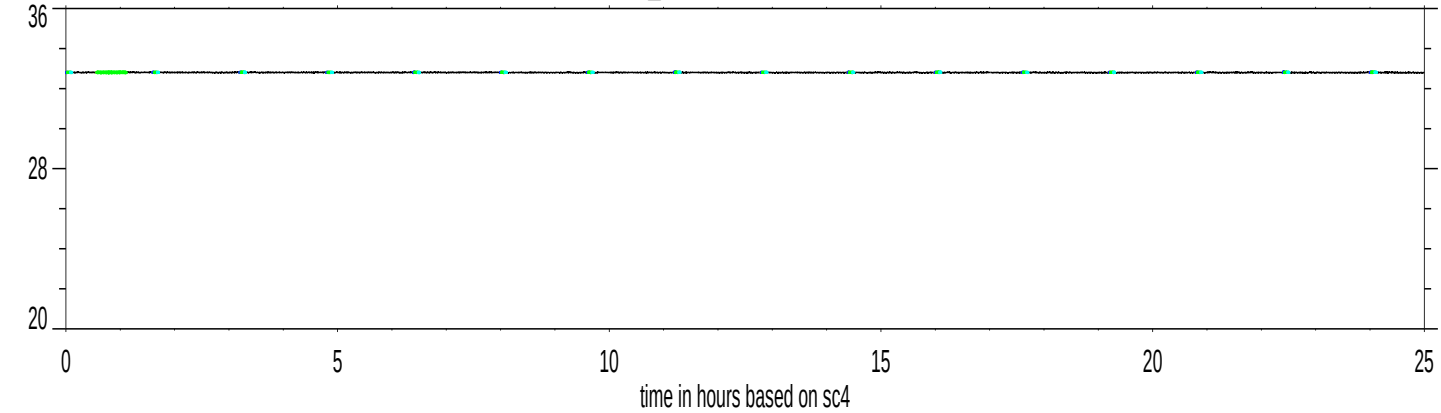
SSPP_BHND_MTR_TEMP 2020208



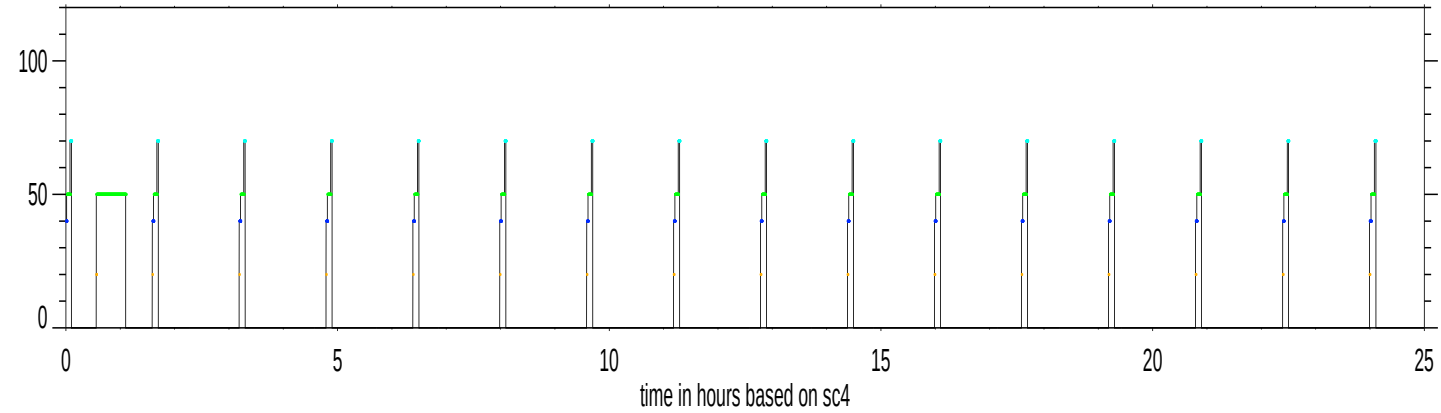

SEE_PKT_COUNT 2020208

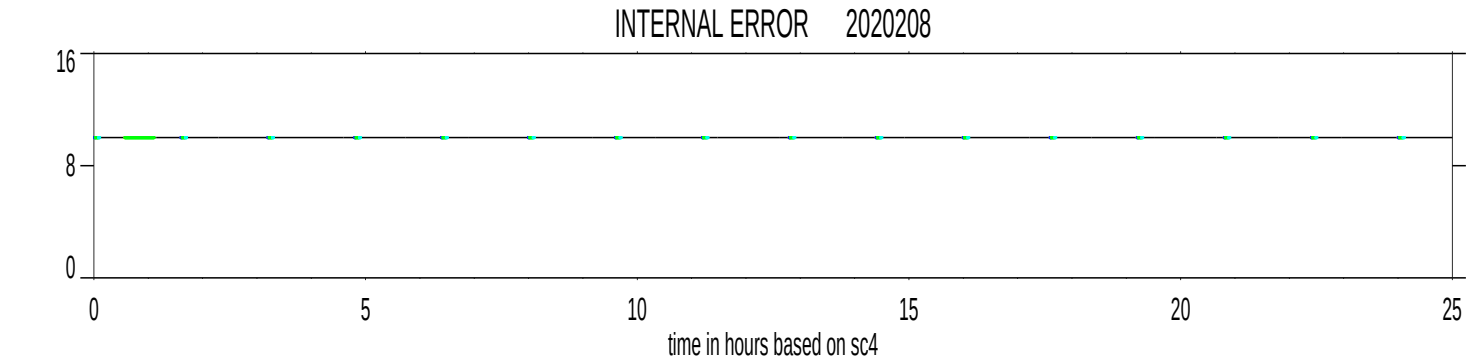


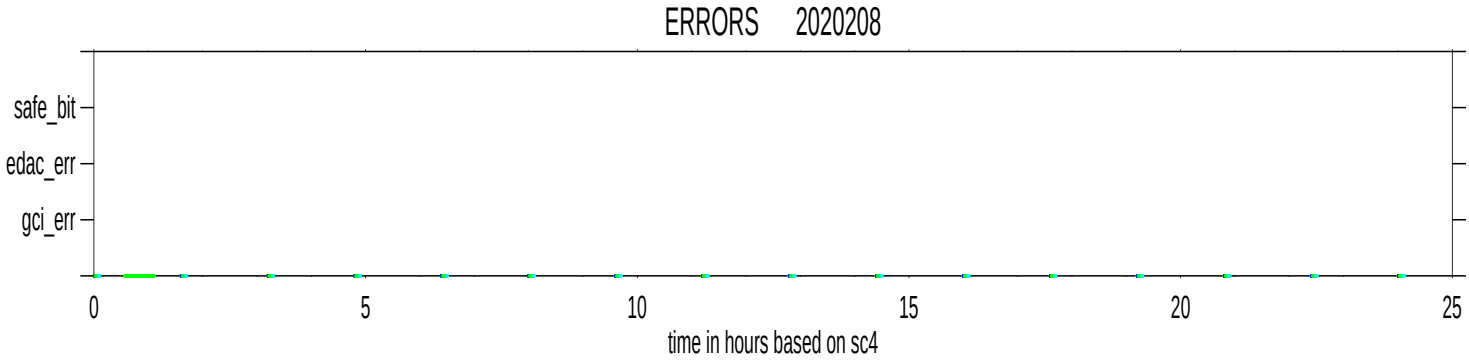

BUS_VOLTAGE 2020208

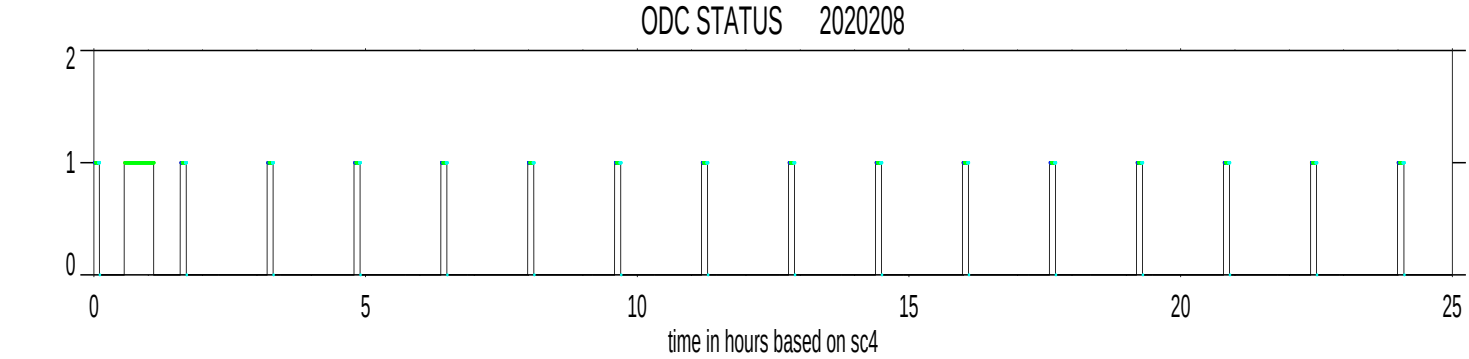


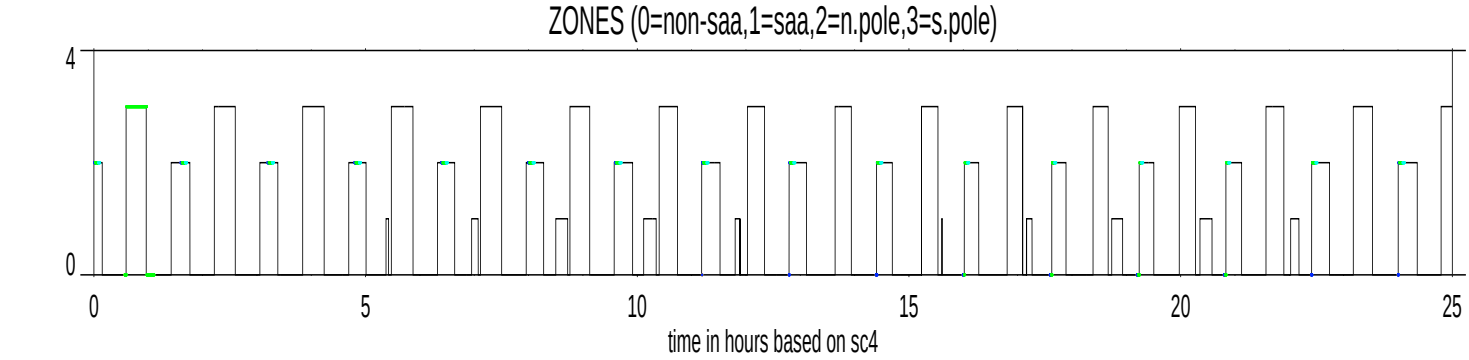

SEE_MU Operational Mode 2020208

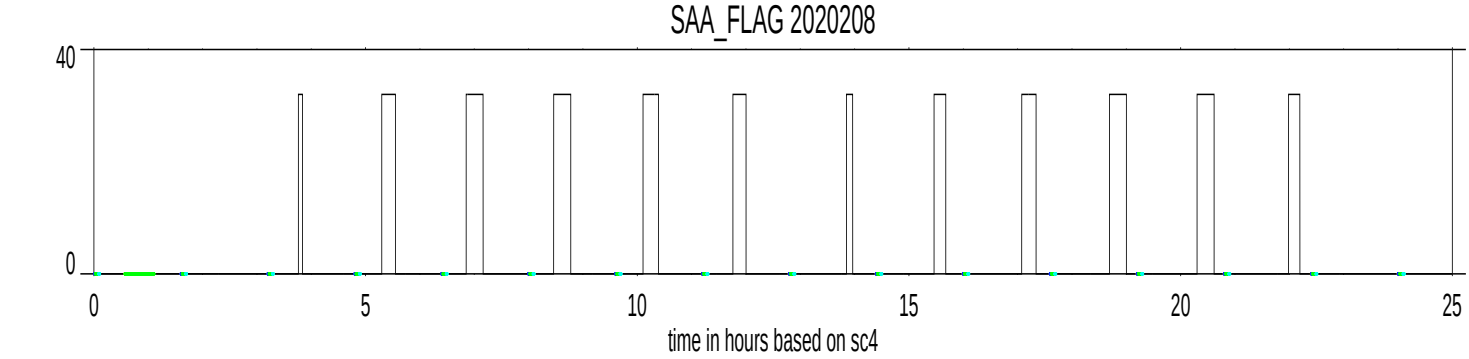


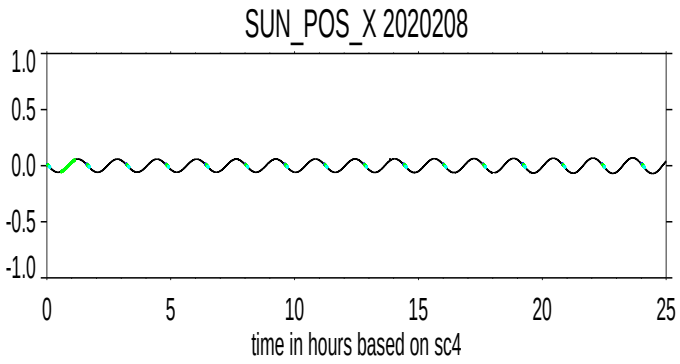

INTERNAL ERROR 2020208
16
8
0
0
5
10
15
20
25
time in hours based on sc4

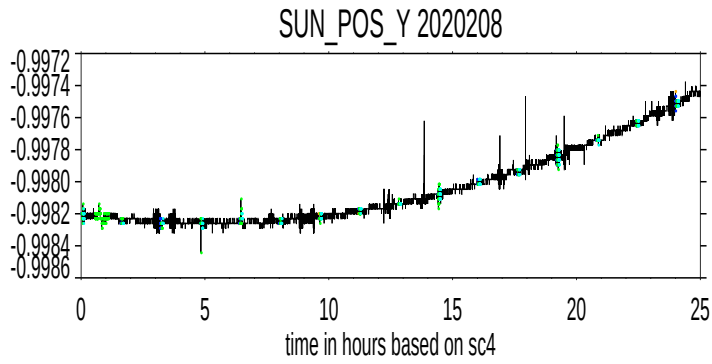

ERRORS 2020208
safe_bit
edac_err
gci_err
0
5
10
15
20
25
time in hours based on sc4

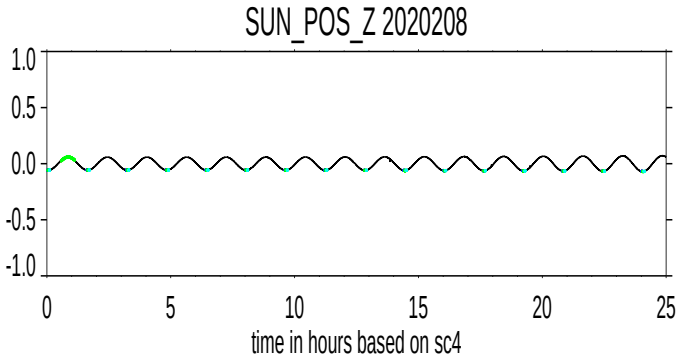

ODC STATUS 2020208
2
1
0
0
5
10
15
20
25
time in hours based on sc4

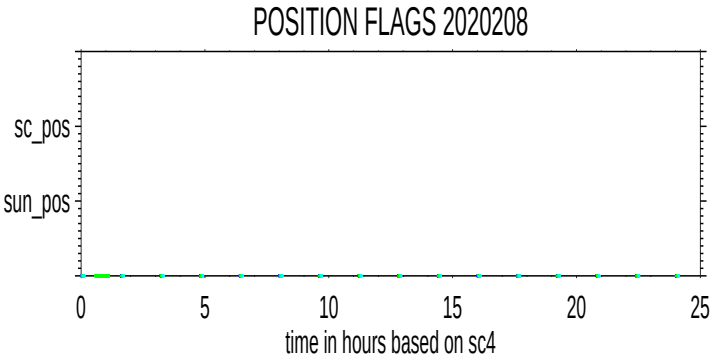

ZONES (0=non-saa,1=saa,2=n.pole,3=s.pole)
4
0
0
5
10
15
20
25
time in hours based on sc4

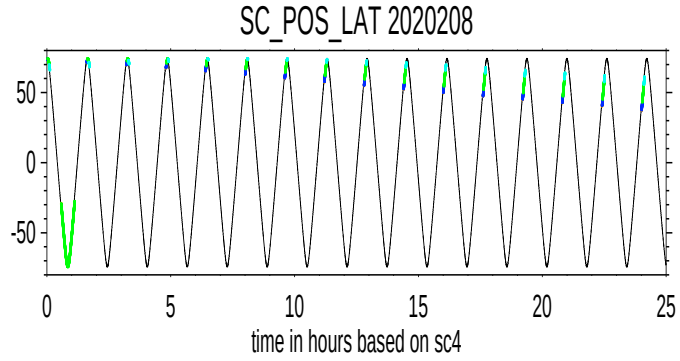

SAA_FLAG 2020208
40
0
0
5
10
15
20
25
time in hours based on sc4

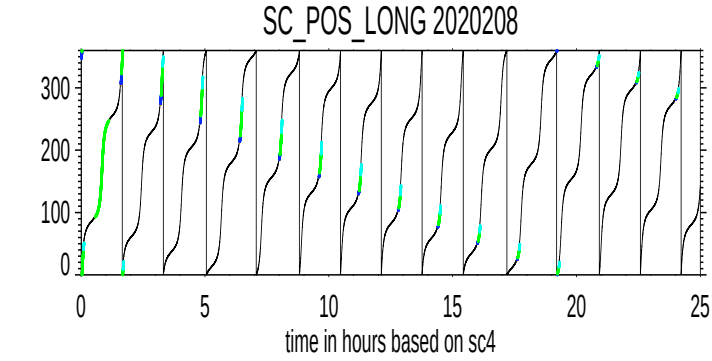

SUN_POS_X 2020208
1.0
0.5
0.0
-0.5
-1.0
0
5
10
15
20
25
time in hours based on sc4

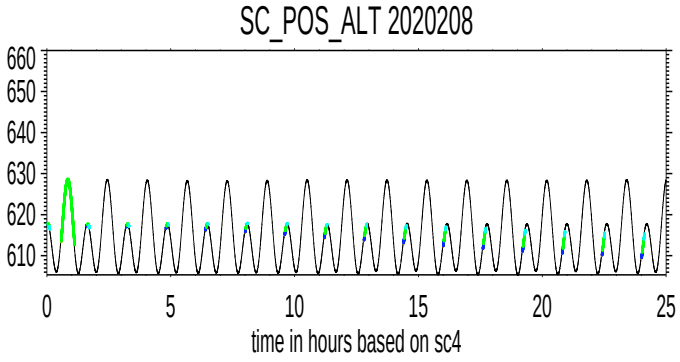

SUN_POS_Y 2020208
-0.9972
-0.9974
-0.9976
-0.9978
-0.9980
-0.9982
-0.9984
-0.9986
0
5
10
15
20
25
time in hours based on sc4

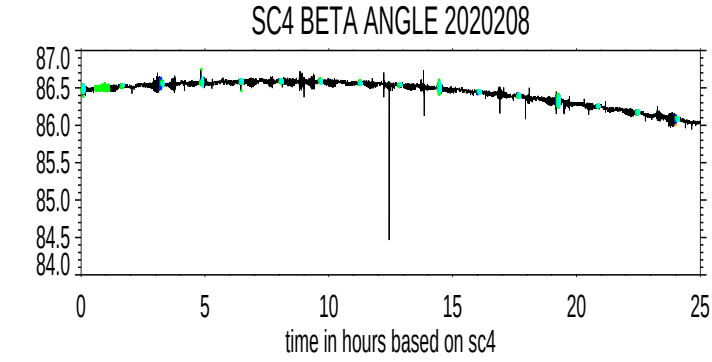

SUN_POS_Z 2020208
1.0
0.5
0.0
-0.5
-1.0
0
5
10
15
20
25
time in hours based on sc4


POSITION FLAGS 2020208
sc_pos
sun_pos
0
5
10
15
20
25
time in hours based on sc4


SC_POS_LAT 2020208
50
0
-50
0
5
10
15
20
25
time in hours based on sc4


SC_POS_LONG 2020208
300
200
100
0
0
5
10
15
20
25
time in hours based on sc4


SC_POS_ALT 2020208
660
650
640
630
620
610
0
5
10
15
20
25
time in hours based on sc4


SC4 BETA ANGLE 2020208
87.0
86.5
86.0
85.5
85.0
84.5
84.0
0
5
10
15
20
25
time in hours based on sc4