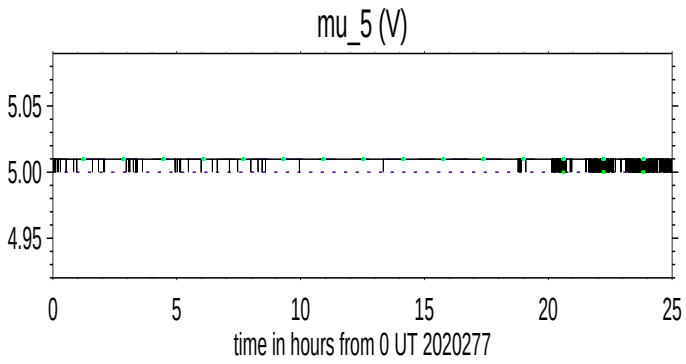
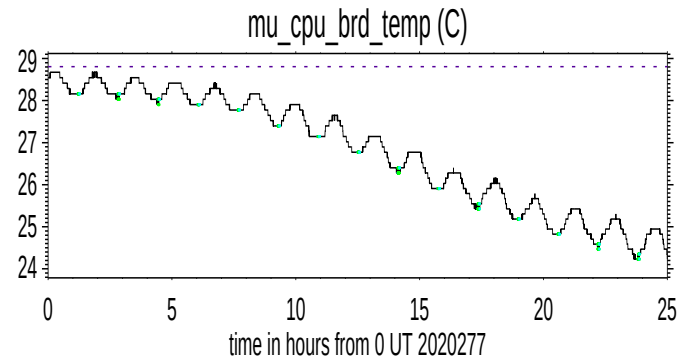
Information for 2020277


mu_5 (V)
5.05
5.00
4.95
0
5
10
15
20
25
time in hours from 0 UT 2020277


mu_cpu_brd_temp (C)
29
28
27
26
25
24
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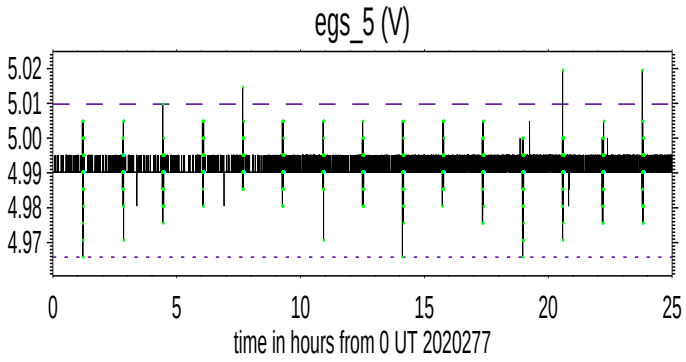
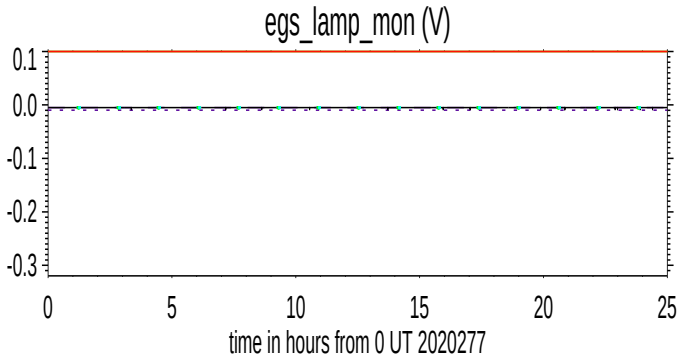
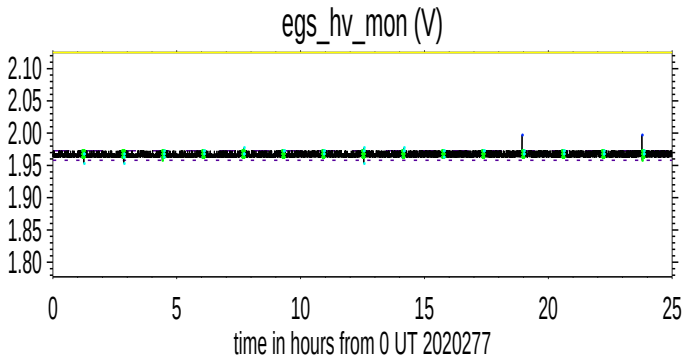
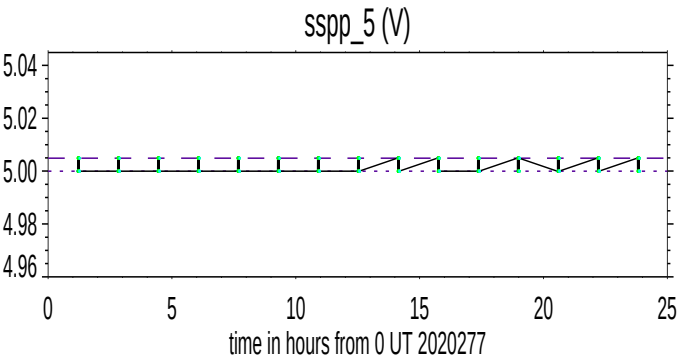
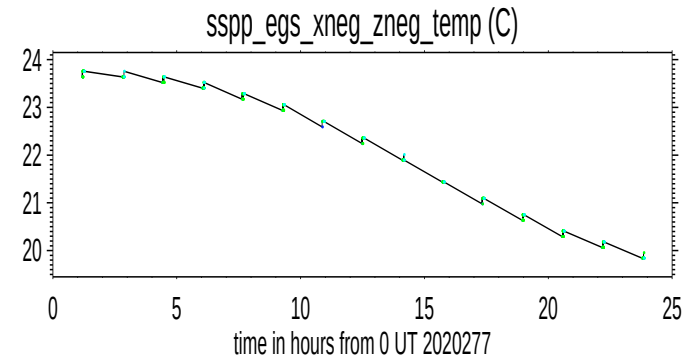
5
10
15
20
25
time in hours from 0 UT 2020277

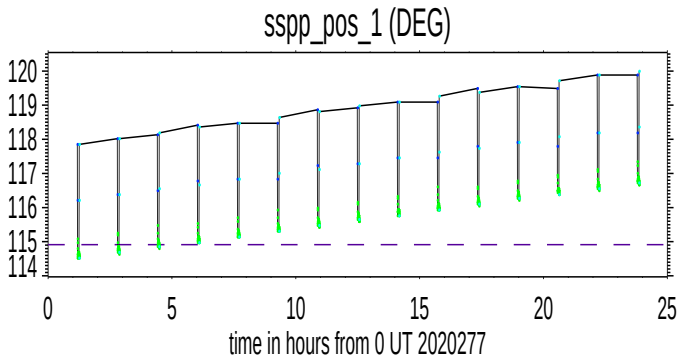

egs_5 (V)
5.02
5.01
5.00
4.99
4.98
4.97
0
5
10
15
20
25
time in hours from 0 UT 2020277

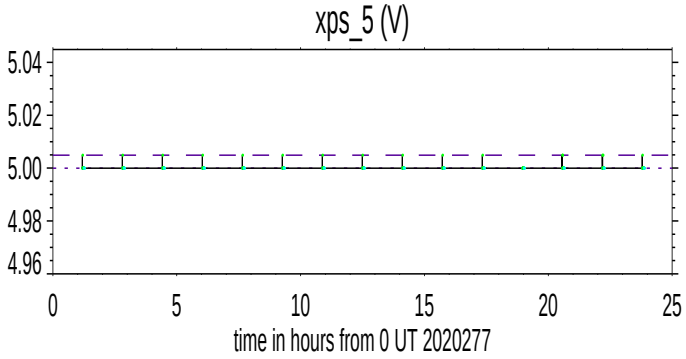

egs_lamp_mon (V)
0.1
0.0
-0.1
-0.2
-0.3
0
5
10
15
20
25
time in hours from 0 UT 2020277

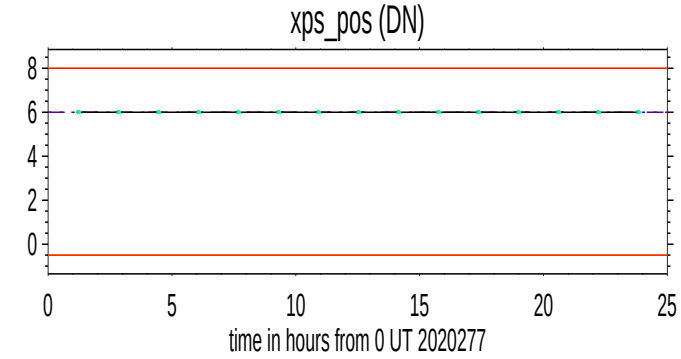

egs_hv_mon (V)
2.10
2.05
2.00
1.95
1.90
1.85
1.80
0
5
10
15
20
25
time in hours from 0 UT 2020277


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 2020277


sspp_egs_xneg_zneg_temp (C)
24
23
22
21
20
0
5
10
15
20
25
time in hours from 0 UT 2020277


sspp_pos_1 (DEG)
120
119
118
117
116
115
114
0
5
10
15
20
25
time in hours from 0 UT 2020277


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 2020277


xps_pos (DN)
8
6
4
2
0
0
5
10
15
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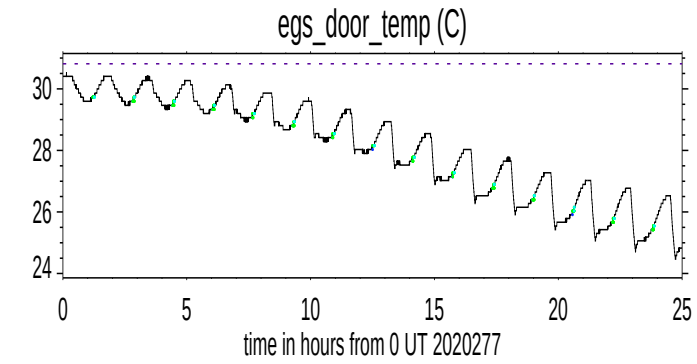
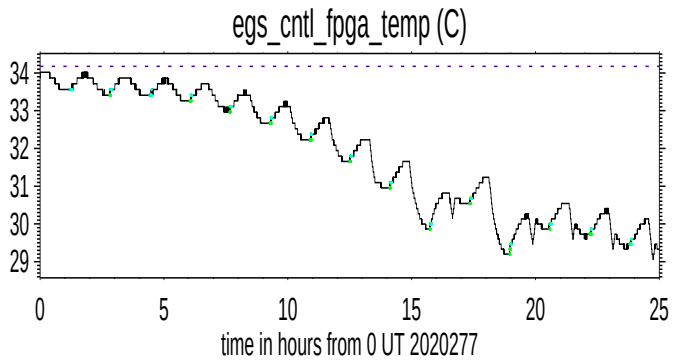
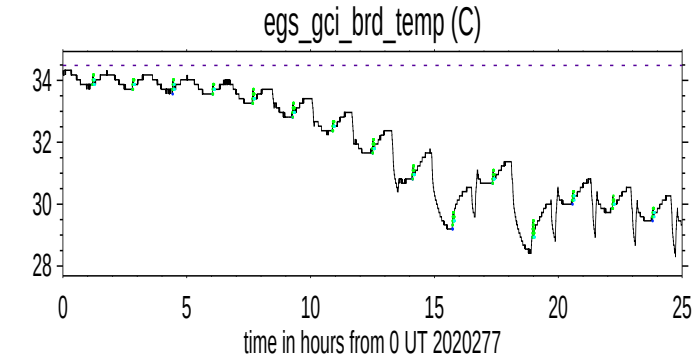
25
time in hours from 0 UT 2020277


egs_door_temp (C)
30
28
26
24
0
5
10
15
20
25
time in hours from 0 UT 2020277


egs_cntl_fpga_temp (C)
34
33
32
31
30
29
0
5
10
15
20
25
time in hours from 0 UT 2020277


egs_gci_brd_temp (C)
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32
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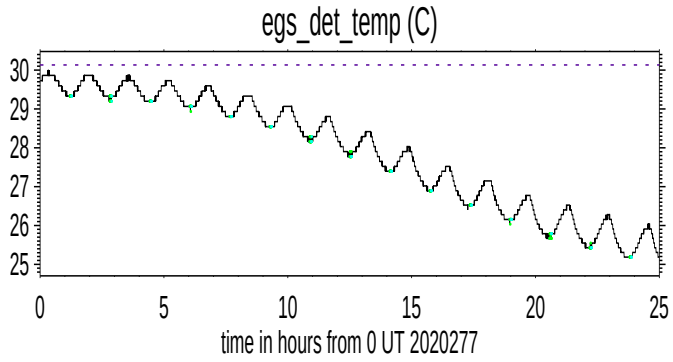
28
0
5
10
15
20
25
time in hours from 0 UT 2020277


egs_det_temp (C)
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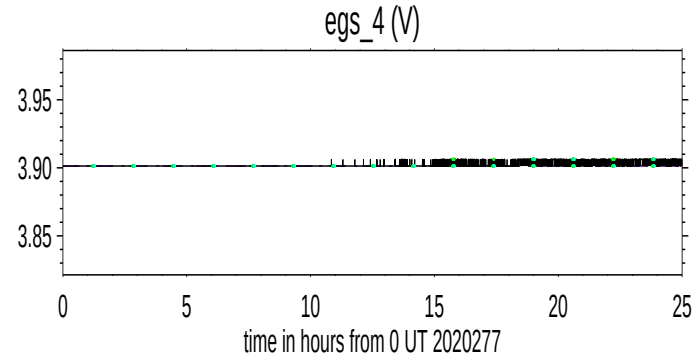
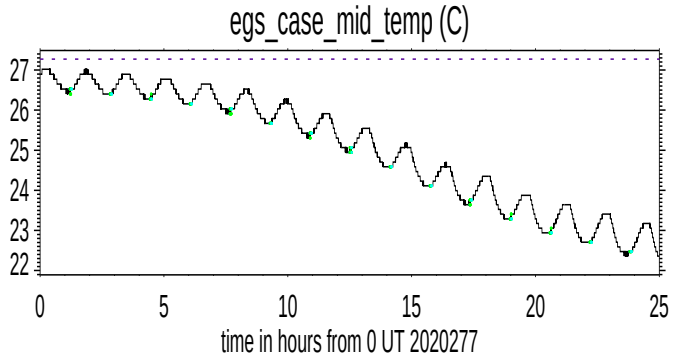
29
28
27
26
25
0
5
10
15
20
25
time in hours from 0 UT 2020277


egs_4 (V)
3.95
3.90
3.85
0
5
10
15
20
25
time in hours from 0 UT 2020277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26
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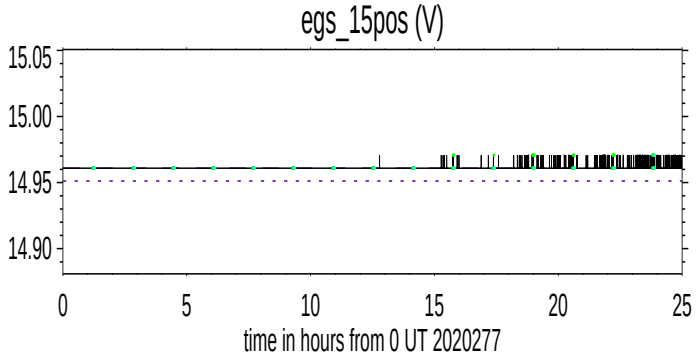
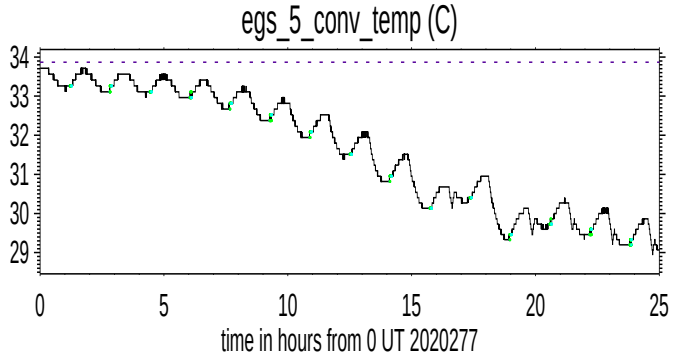
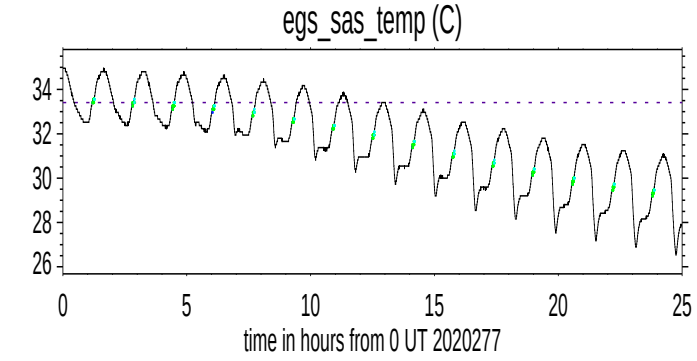
23
22
0
5
10
15
20
25
time in hours from 0 UT 2020277


egs_15pos (V)
15.05
15.00
14.95
14.90
0
5
10
15
20
25
time in hours from 0 UT 2020277


egs_5_conv_temp (C)
34
33
32
31
30
29
0
5
10
15
20
25
time in hours from 0 UT 2020277


egs_sas_temp (C)
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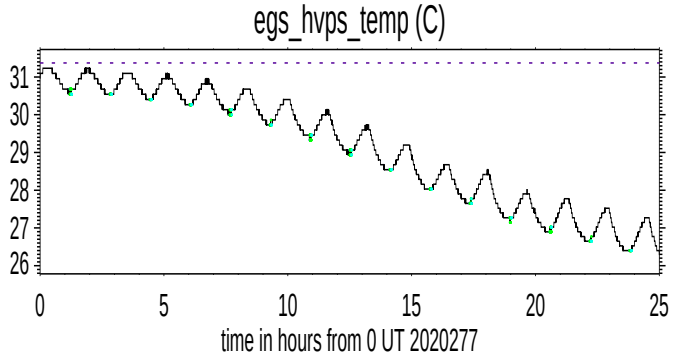
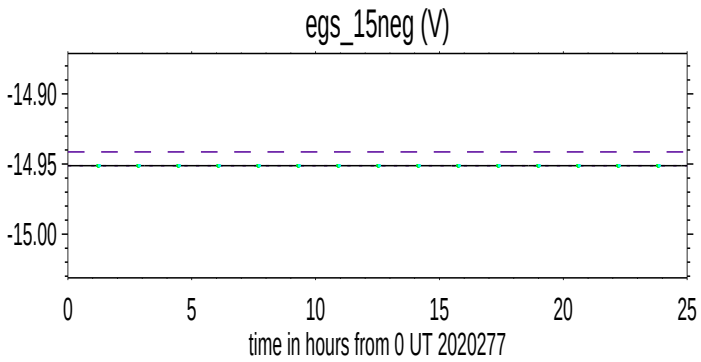
32
30
28
26
0
5
10
15
20
25
time in hours from 0 UT 2020277


egs_hvps_temp (C)
31
30
29
28
27
26
0
5
10
15
20
25
time in hours from 0 UT 2020277


egs_15neg (V)
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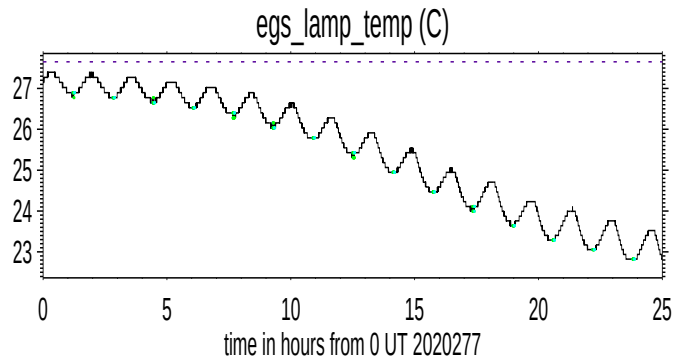
-14.95
-15.00
0
5
10
15
20
25
time in hours from 0 UT 2020277


egs_lamp_temp (C)
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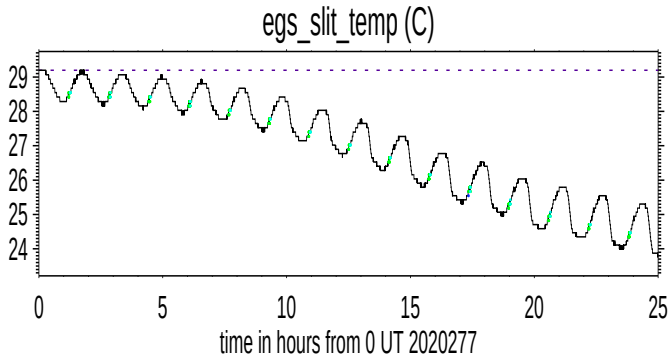
24
23
0
5
10
15
20
25
time in hours from 0 UT 2020277


egs_slit_temp (C)
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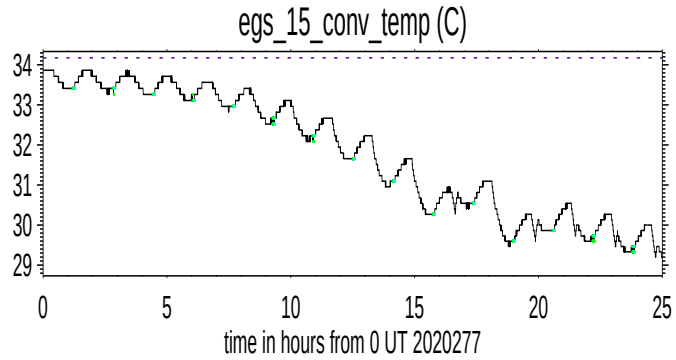
28
27
26
25
24
0
5
10
15
20
25
time in hours from 0 UT 2020277


egs_15_conv_temp (C)
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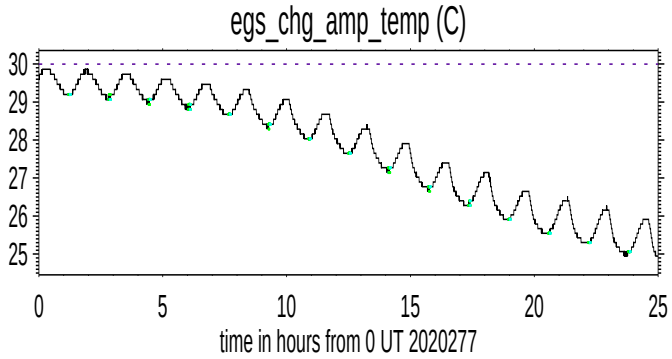
33
32
31
30
29
0
5
10
15
20
25
time in hours from 0 UT 2020277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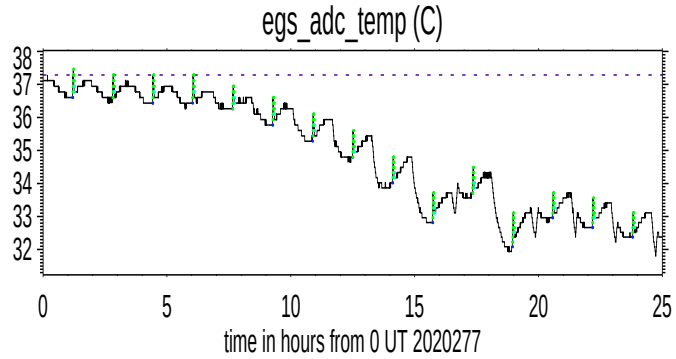
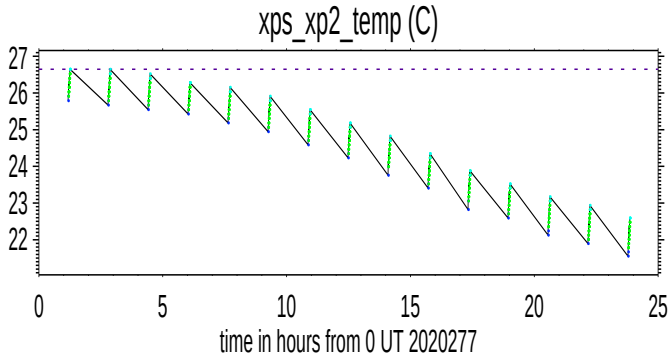
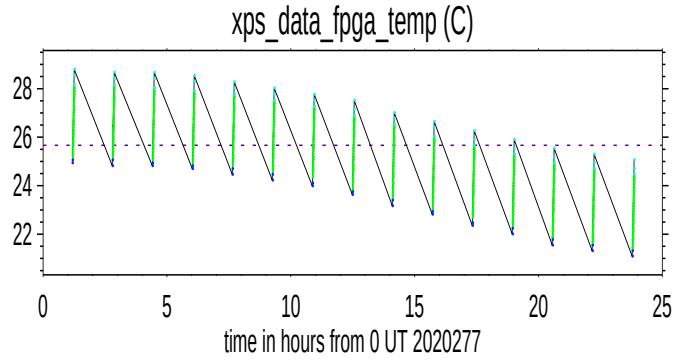
29
28
27
26
25
0
5
10
15
20
25
time in hours from 0 UT 2020277


egs_adc_temp (C)
38
37
36
35
34
33
32
0
5
10
15
20
25
time in hours from 0 UT 2020277


xps_xp2_temp (C)
27
26
25
24
23
22
0
5
10
15
20
25
time in hours from 0 UT 2020277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26
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22
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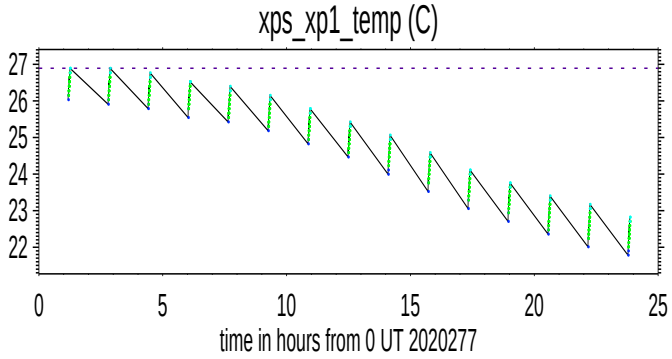
5
10
15
20
25
time in hours from 0 UT 2020277


xps_xp1_temp (C)
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26
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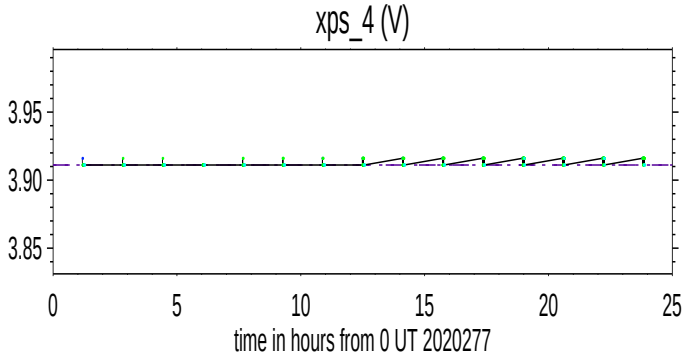
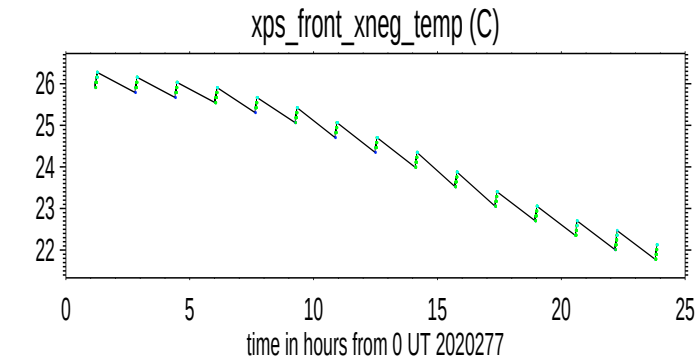
24
23
22
0
5
10
15
20
25
time in hours from 0 UT 2020277


xps_4 (V)
3.95
3.90
3.85
0
5
10
15
20
25
time in hours from 0 UT 2020277


xps_front_xneg_temp (C)
26
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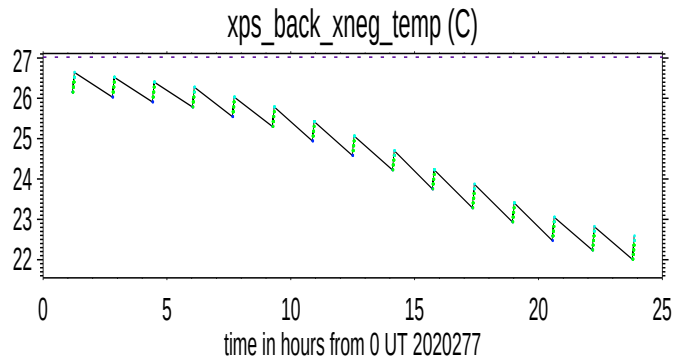
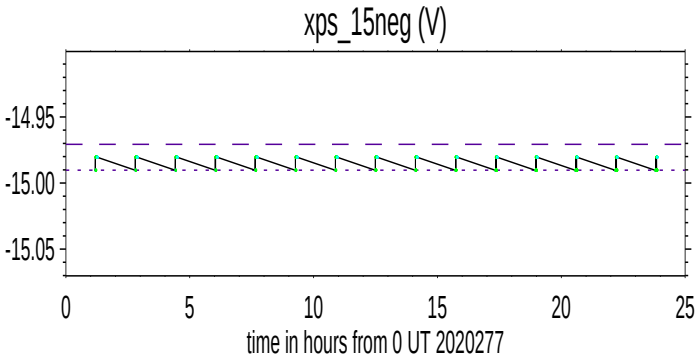
24
23
22
0
5
10
15
20
25
time in hours from 0 UT 2020277


xps_back_xneg_temp (C)
27
26
25
24
23
22
0
5
10
15
20
25
time in hours from 0 UT 2020277


xps_15neg (V)
-14.95
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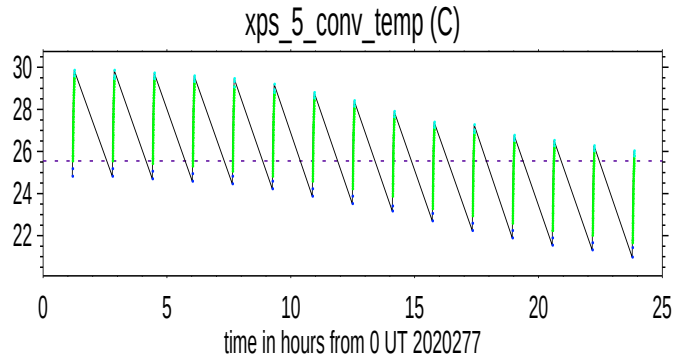
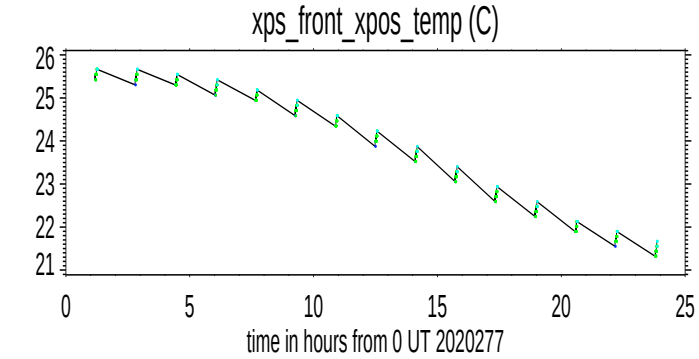
-15.05
0
5
10
15
20
25
time in hours from 0 UT 2020277


xps_5_conv_temp (C)
30
28
26
24
22
0
5
10
15
20
25
time in hours from 0 UT 2020277


xps_front_xpos_temp (C)
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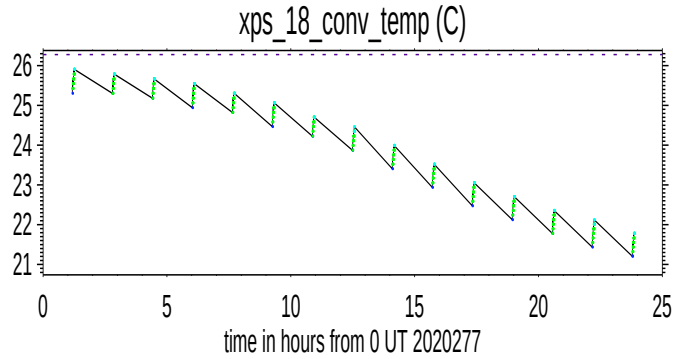
25
24
23
22
21
0
5
10
15
20
25
time in hours from 0 UT 2020277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22
21
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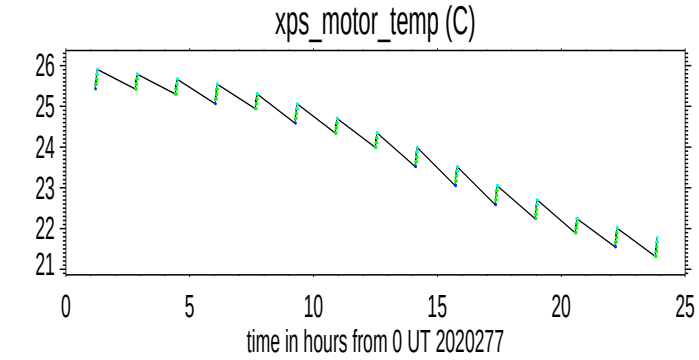
5
10
15
20
25
time in hours from 0 UT 2020277


xps_motor_temp (C)
26
25
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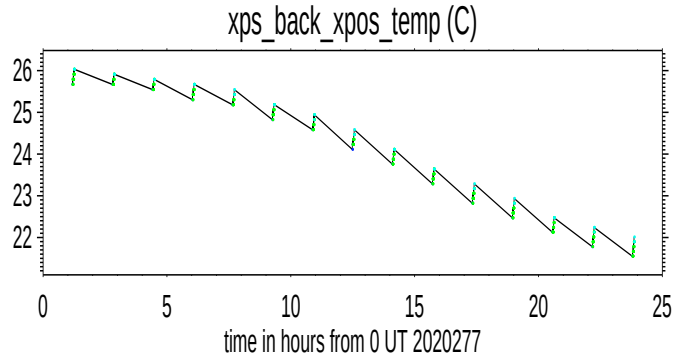
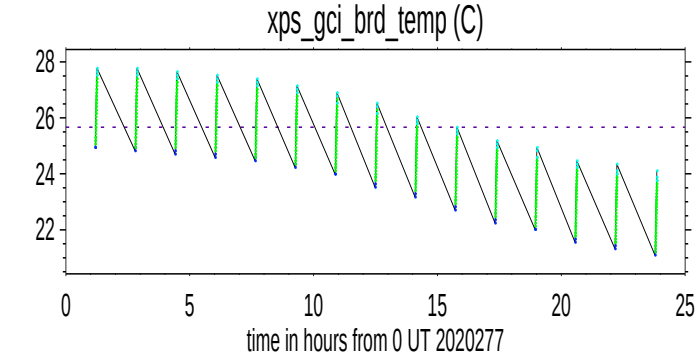
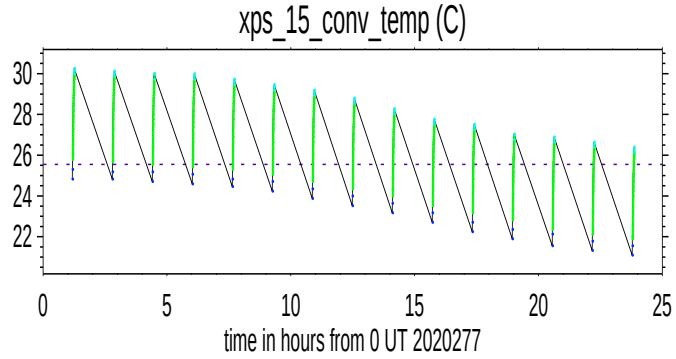
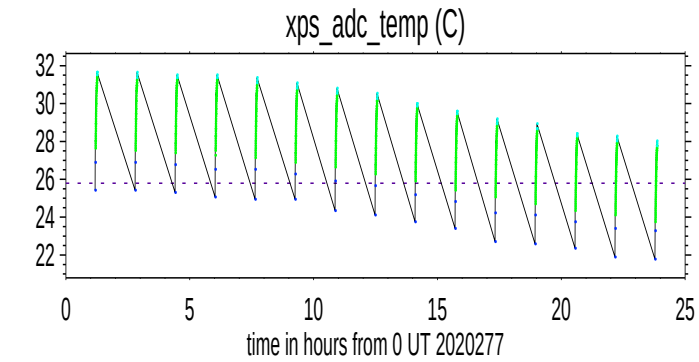
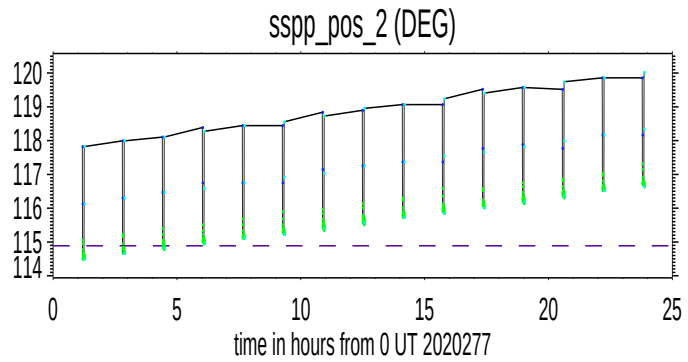
23
22
21
0
5
10
15
20
25
time in hours from 0 UT 2020277

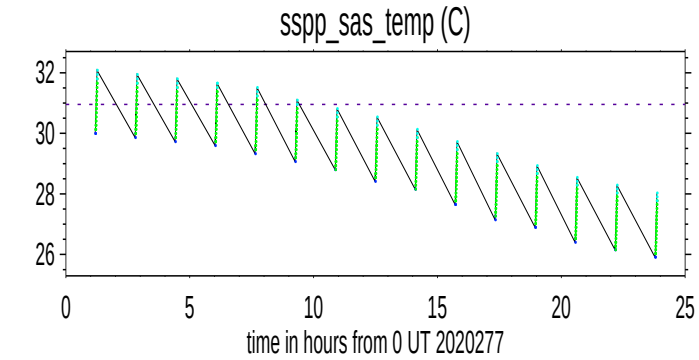

xps_back_xpos_temp (C)
26
25
24
23
22
0
5
10
15
20
25
time in hours from 0 UT 2020277

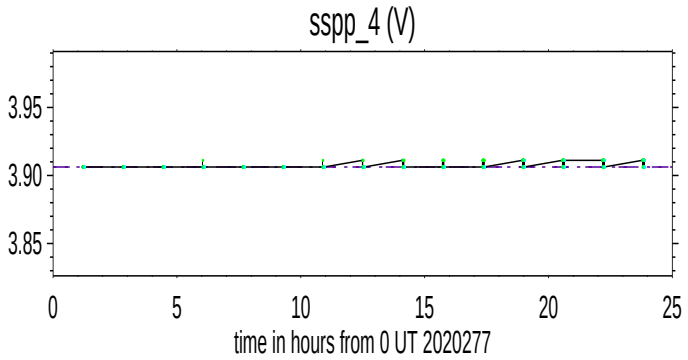

xps_gci_brd_temp (C)
28
26
24
22
0
5
10
15
20
25
time in hours from 0 UT 2020277

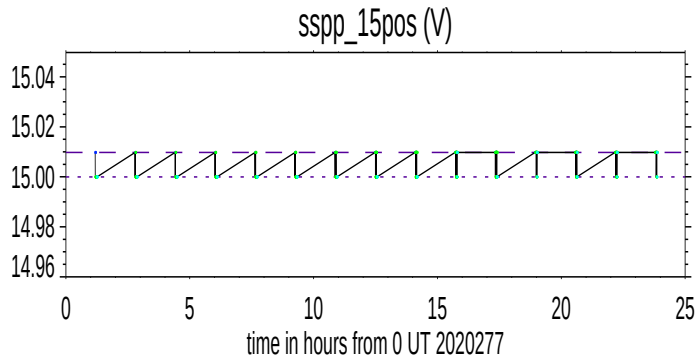

xps_15_conv_temp (C)
30
28
26
24
22
0
5
10
15
20
25
time in hours from 0 UT 2020277

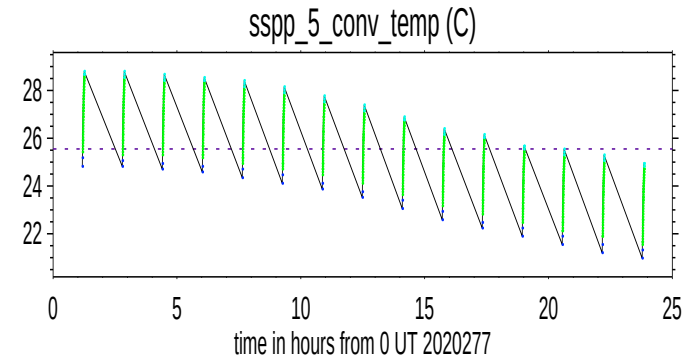

xps_adc_temp (C)
32
30
28
26
24
22
0
5
10
15
20
25
time in hours from 0 UT 2020277

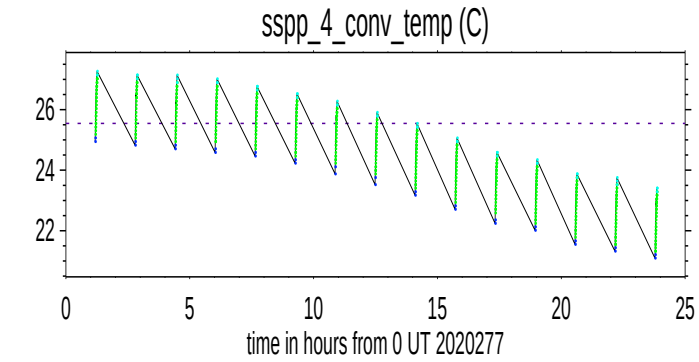

sspp_pos_2 (DEG)
120
119
118
117
116
115
114
0
5
10
15
20
25
time in hours from 0 UT 2020277

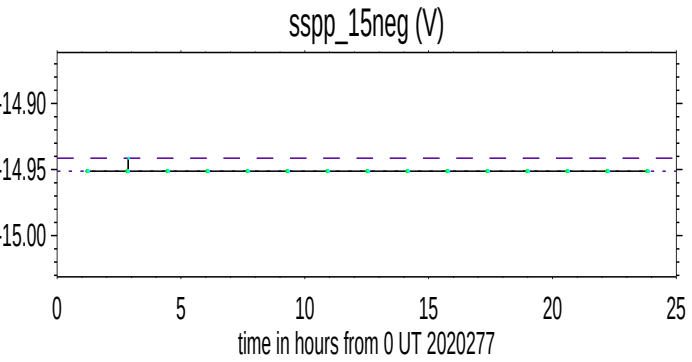

sspp_sas_temp (C)
32
30
28
26
0
5
10
15
20
25
time in hours from 0 UT 2020277

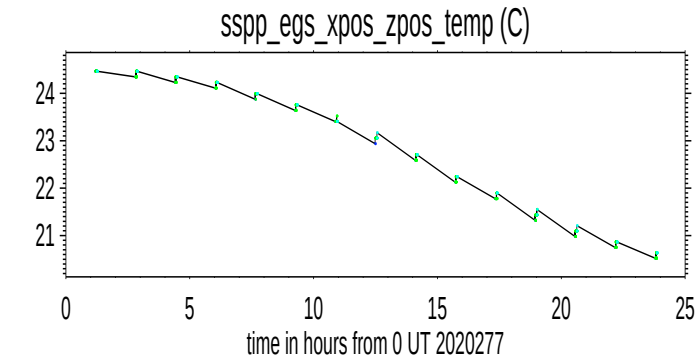

sspp_4 (V)
3.95
3.90
3.85
0
5
10
15
20
25
time in hours from 0 UT 2020277

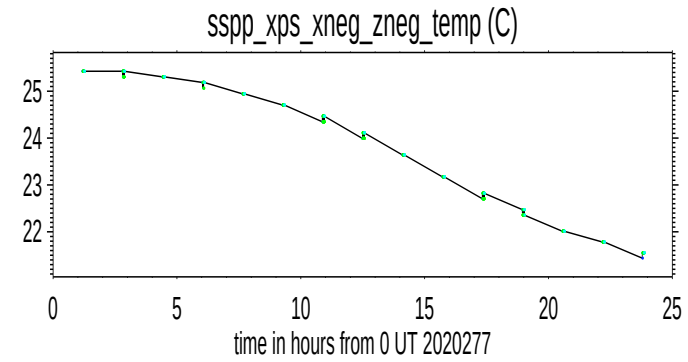

sspp_15pos (V)
15.04
15.02
15.00
14.98
14.96
0
5
10
15
20
25
time in hours from 0 UT 2020277

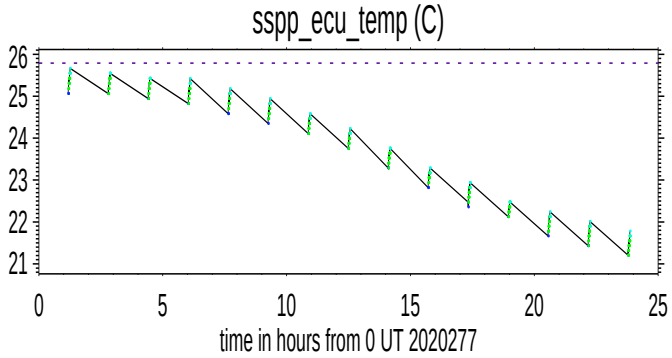

sspp_5_conv_temp (C)
28
26
24
22
0
5
10
15
20
25
time in hours from 0 UT 2020277

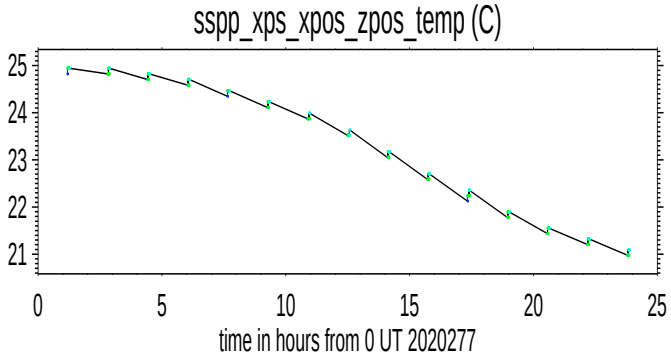

sspp_4_conv_temp (C)
26
24
22
0
5
10
15
20
25
time in hours from 0 UT 2020277

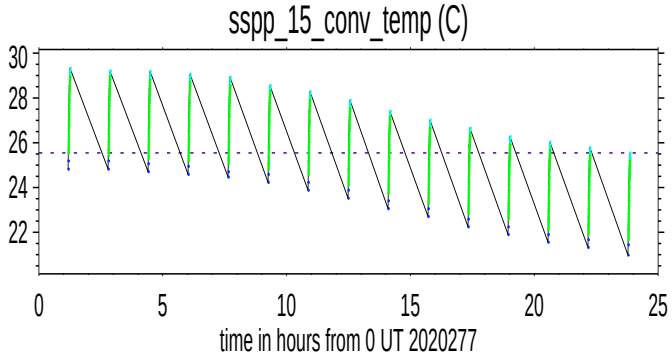

sspp_15neg (V)
-14.90
-14.95
-15.00
0
5
10
15
20
25
time in hours from 0 UT 2020277

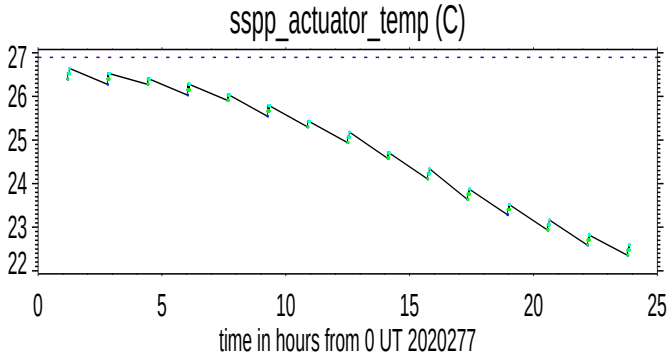

sspp_egs_xpos_zpos_temp (C)
24
23
22
21
0
5
10
15
20
25
time in hours from 0 UT 2020277

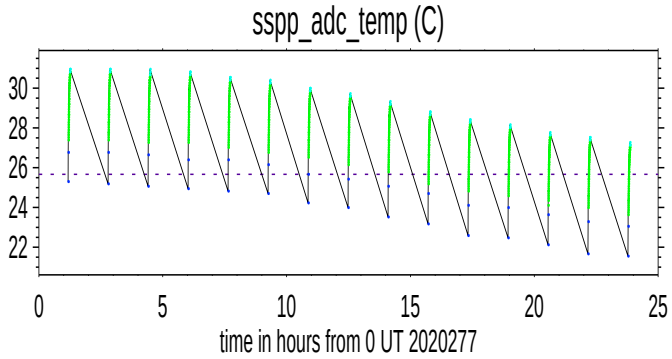

sspp_xps_xneg_zneg_temp (C)
25
24
23
22
0
5
10
15
20
25
time in hours from 0 UT 2020277

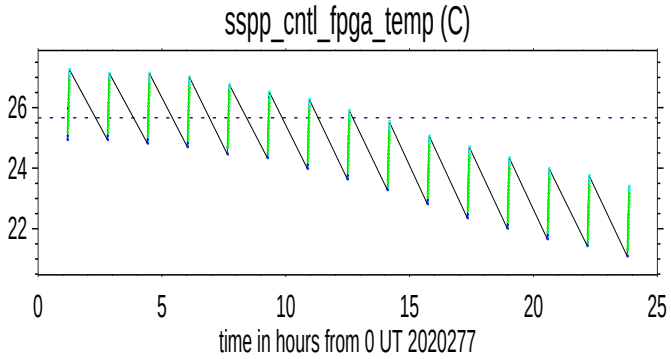

sspp_ecu_temp (C)
26
25
24
23
22
21
0
5
10
15
20
25
time in hours from 0 UT 2020277

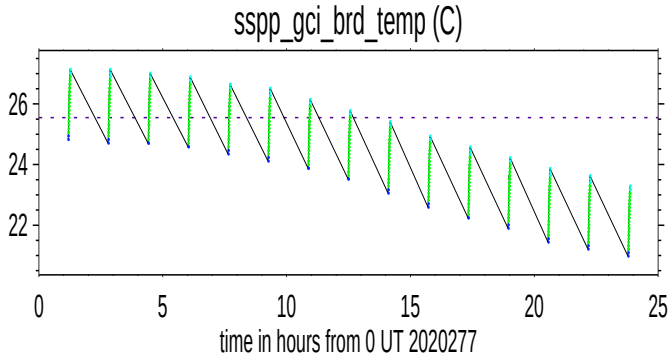

sspp_xps_xpos_zpos_temp (C)
25
24
23
22
21
0
5
10
15
20
25
time in hours from 0 UT 2020277

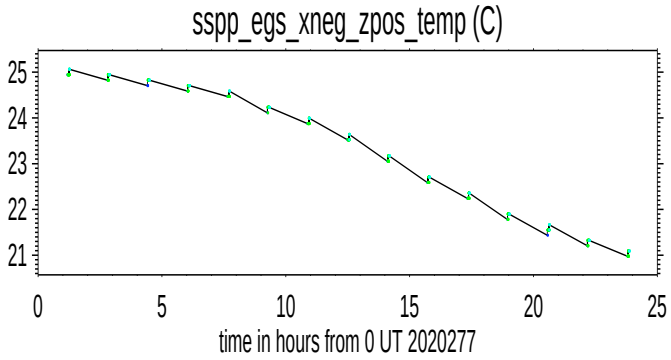

sspp_15_conv_temp (C)
30
28
26
24
22
0
5
10
15
20
25
time in hours from 0 UT 2020277

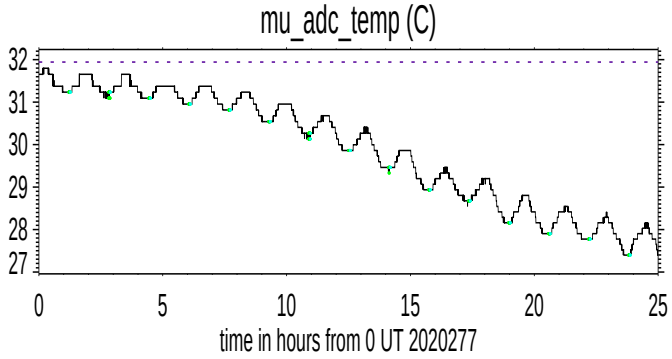

sspp_actuator_temp (C)
27
26
25
24
23
22
0
5
10
15
20
25
time in hours from 0 UT 2020277

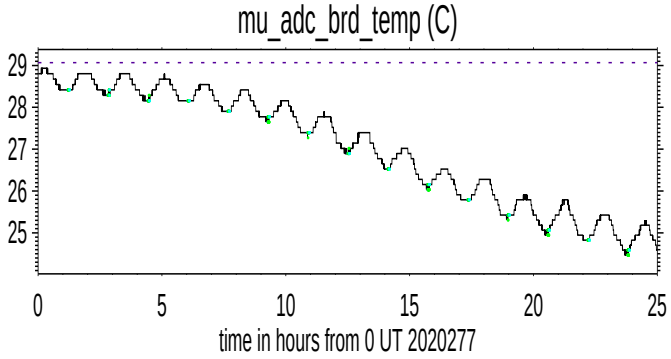

sspp_adc_temp (C)
30
28
26
24
22
0
5
10
15
20
25
time in hours from 0 UT 2020277

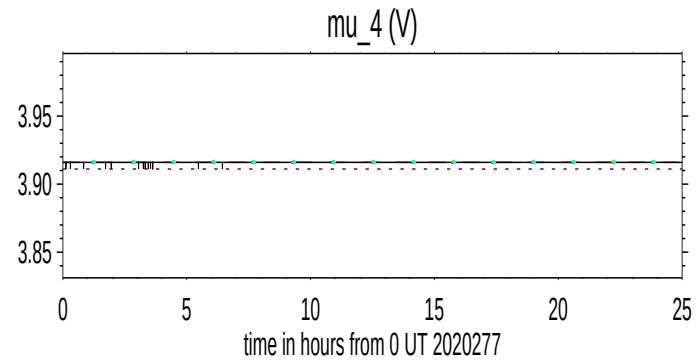

sspp_cntl_fpga_temp (C)
26
24
22
0
5
10
15
20
25
time in hours from 0 UT 2020277

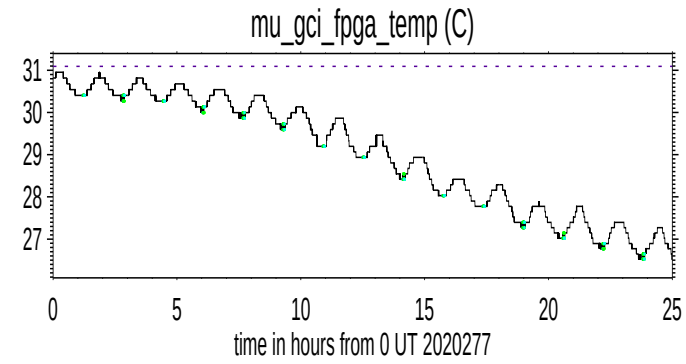

sspp_gci_brd_temp (C)
26
24
22
0
5
10
15
20
25
time in hours from 0 UT 2020277

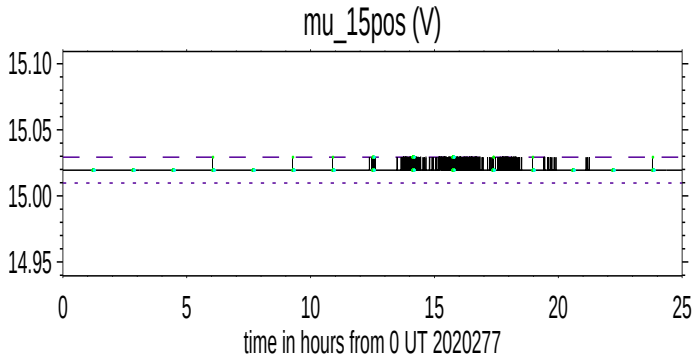

sspp_egs_xneg_zpos_temp (C)
25
24
23
22
21
0
5
10
15
20
25
time in hours from 0 UT 2020277

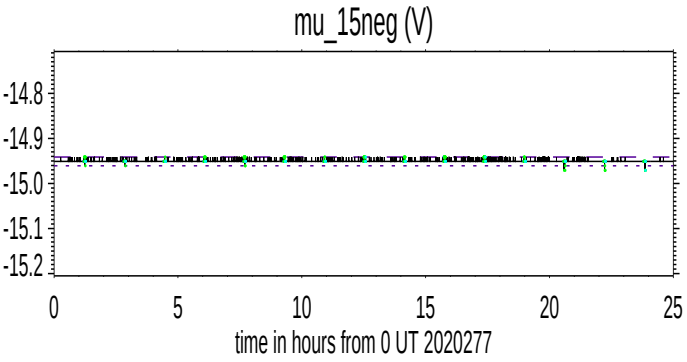

mu_adc_temp (C)
32
31
30
29
28
27
0
5
10
15
20
25
time in hours from 0 UT 2020277

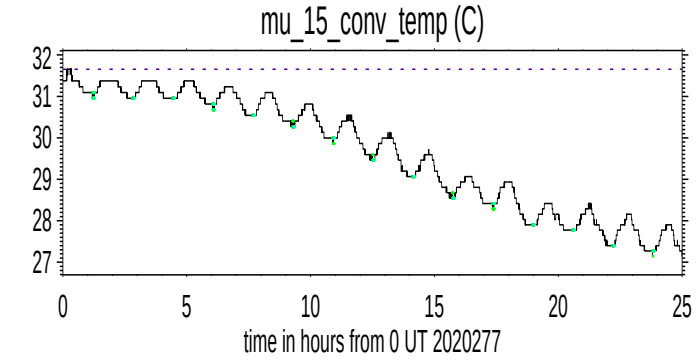

mu_adc_brd_temp (C)
29
28
27
26
25
0
5
10
15
20
25
time in hours from 0 UT 2020277

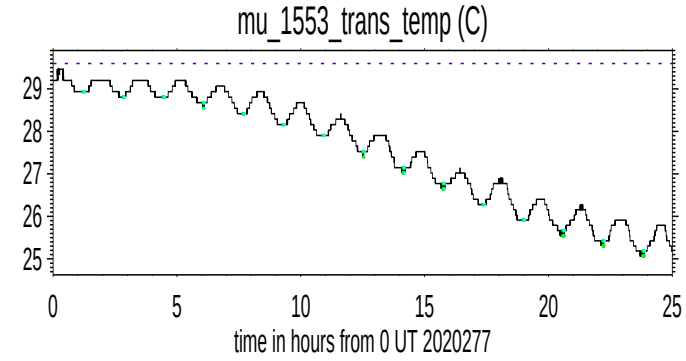

mu_4 (V)
3.95
3.90
3.85
0
5
10
15
20
25
time in hours from 0 UT 2020277

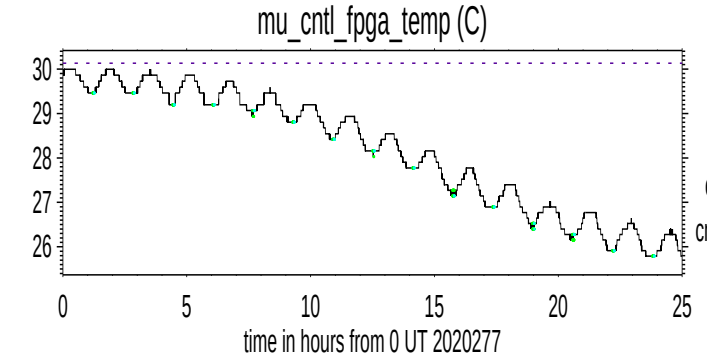

mu_gci_fpga_temp (C)
31
30
29
28
27
0
5
10
15
20
25
time in hours from 0 UT 2020277

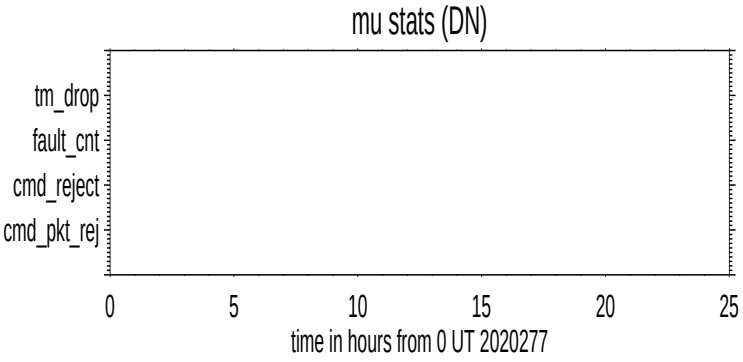

mu_15pos (V)
15.10
15.05
15.00
14.95
0
5
10
15
20
25
time in hours from 0 UT 2020277

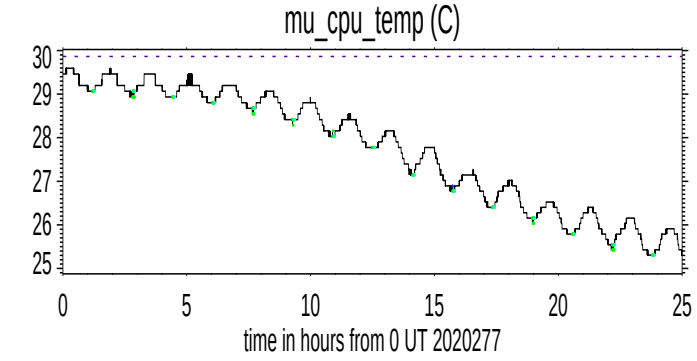

mu_15neg (V)
-14.8
-14.9
-15.0
-15.1
-15.2
0
5
10
15
20
25
time in hours from 0 UT 2020277

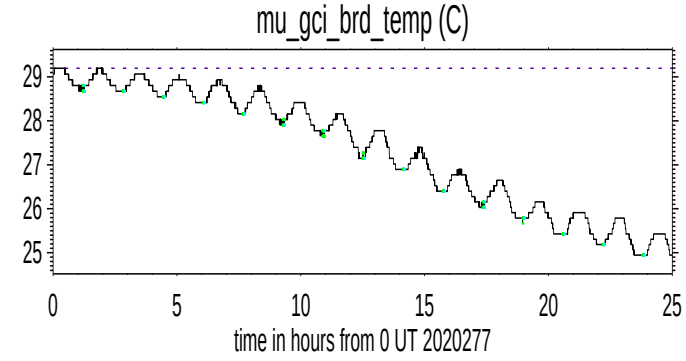

mu_15_conv_temp (C)
32
31
30
29
28
27
0
5
10
15
20
25
time in hours from 0 UT 2020277

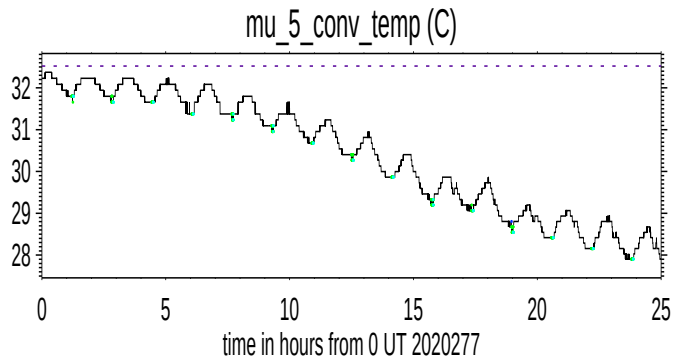

mu_1553_trans_temp (C)
29
28
27
26
25
0
5
10
15
20
25
time in hours from 0 UT 2020277

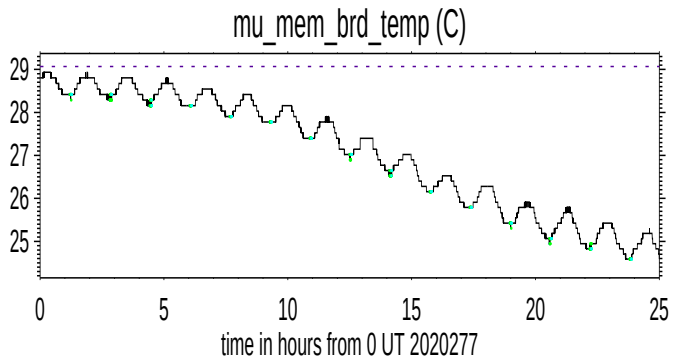

mu_cntl_fpga_temp (C)
30
29
28
27
26
0
5
10
15
20
25
time in hours from 0 UT 2020277

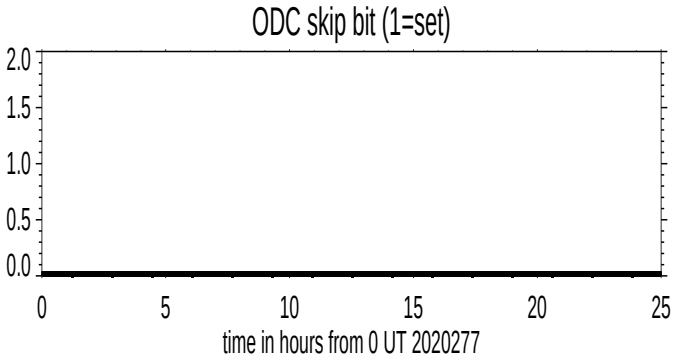

mu stats (DN)
tm_drop
fault_cnt
cmd_reject
cmd_pkt_rej
0
5
10
15
20
25
time in hours from 0 UT 2020277

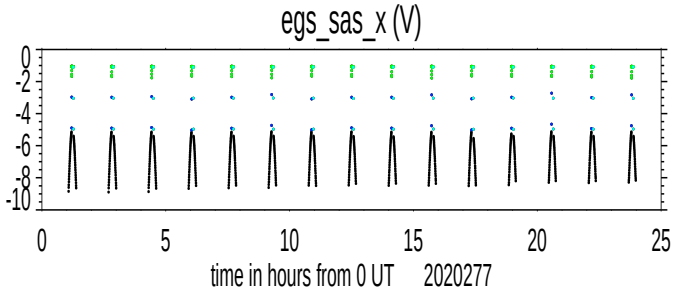

mu_cpu_temp (C)
30
29
28
27
26
25
0
5
10
15
20
25
time in hours from 0 UT 2020277

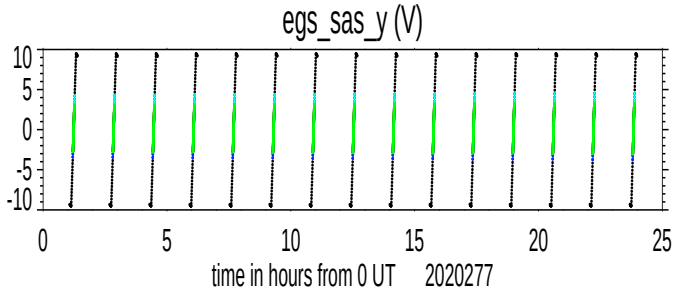

mu_gci_brd_temp (C)
29
28
27
26
25
0
5
10
15
20
25
time in hours from 0 UT 2020277

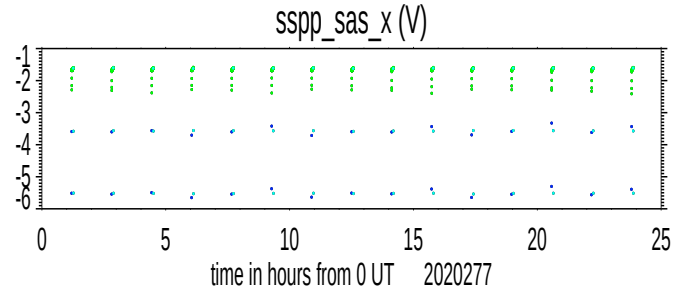

mu_5_conv_temp (C)
32
31
30
29
28
0
5
10
15
20
25
time in hours from 0 UT 2020277

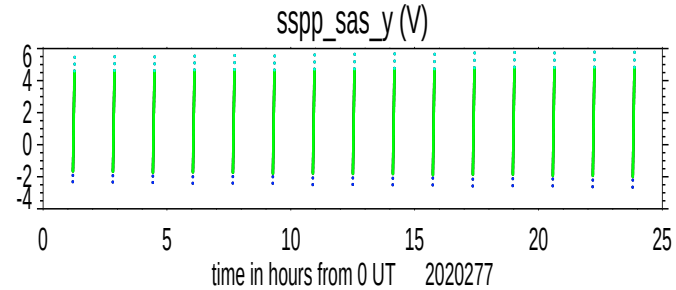

mu_mem_brd_temp (C)
29
28
27
26
25
0
5
10
15
20
25
time in hours from 0 UT 2020277

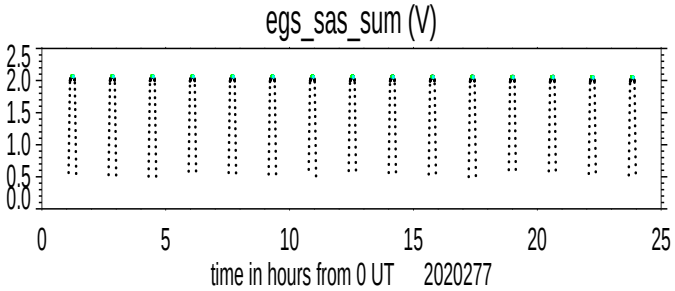

ODC skip bit (1=set)
2.0
1.5
1.0
0.5
0.0
0
5
10
15
20
25
time in hours from 0 UT 2020277

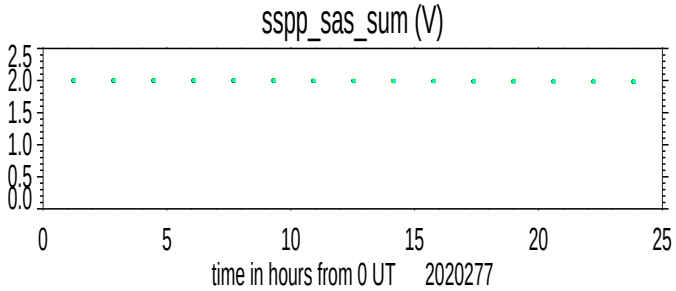

egs_sas_x (V)
time in hours from 0 UT 2020277

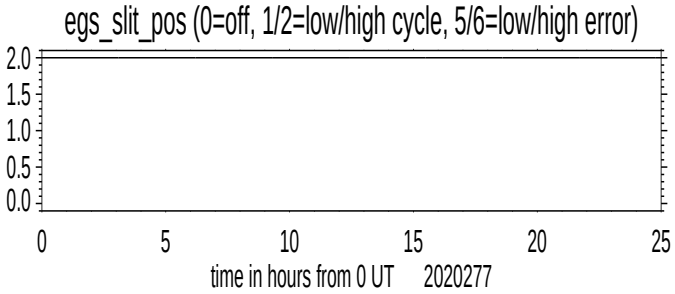

egs_sas_y (V)
time in hours from 0 UT 2020277

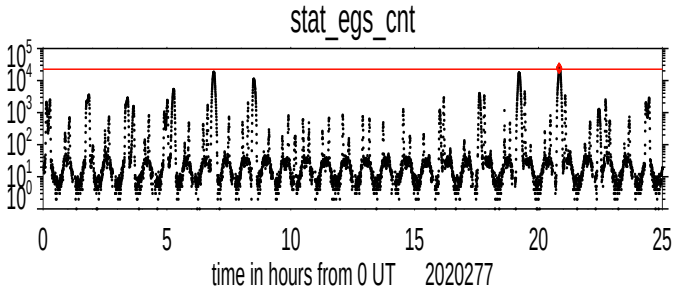

sspp_sas_x (V)
time in hours from 0 UT 2020277

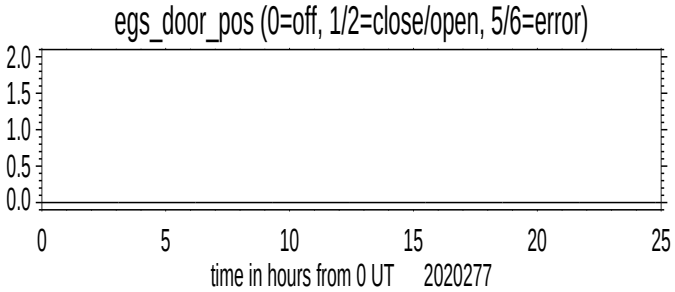

sspp_sas_y (V)
time in hours from 0 UT 2020277

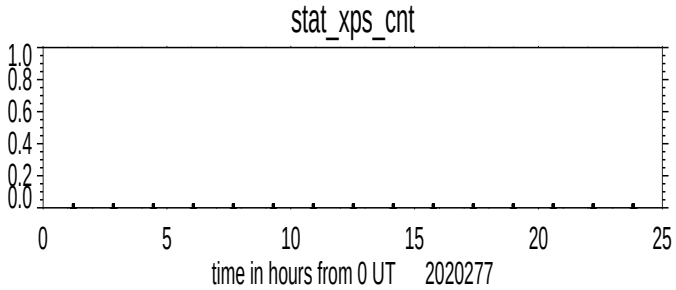

egs_sas_sum (V)
time in hours from 0 UT 2020277

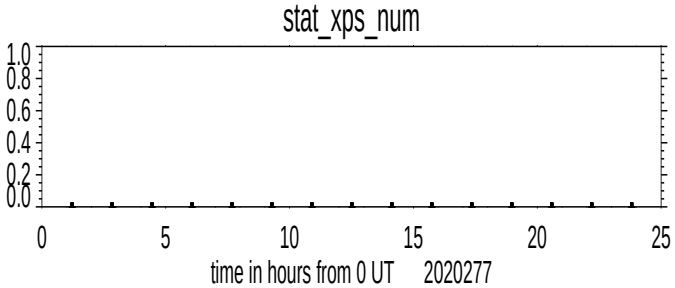

sspp_sas_sum (V)
time in hours from 0 UT 2020277

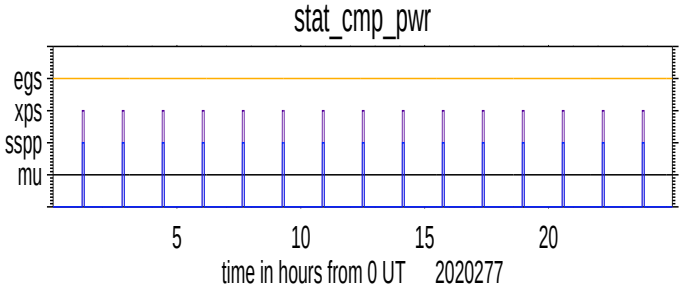

egs_slit_pos (0=off, 1/2=low/high cycle, 5/6=low/high error)
time in hours from 0 UT 2020277


stat_egs_cnt
time in hours from 0 UT 2020277

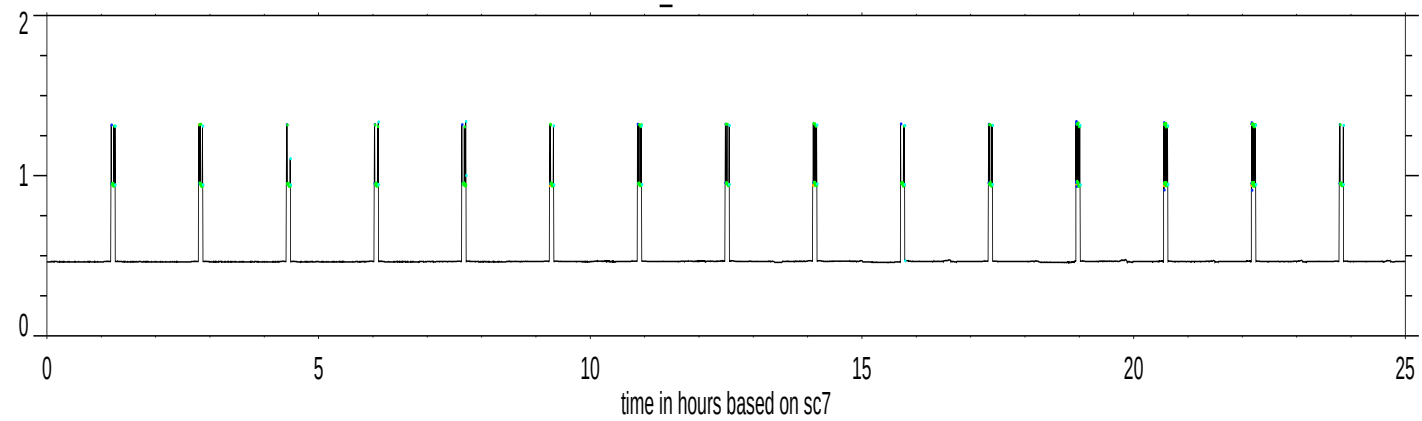

egs_door_pos (0=off, 1/2=close/open, 5/6=error)
time in hours from 0 UT 2020277


stat_xps_cnt
time in hours from 0 UT 2020277

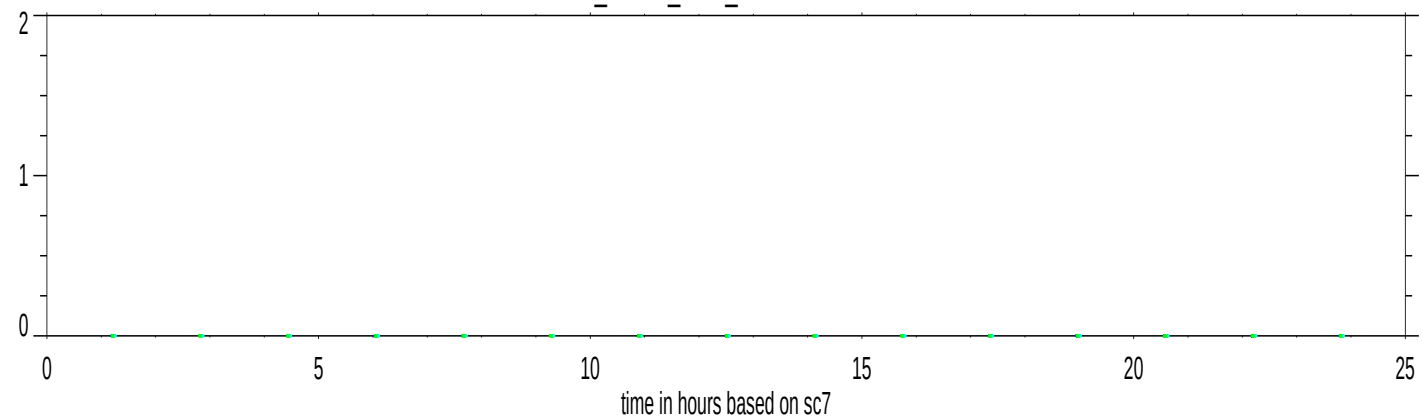

stat_xps_num
time in hours from 0 UT 2020277


stat_cmp_pwr
egs
xps
sspp
mu
time in hours from 0 UT 2020277

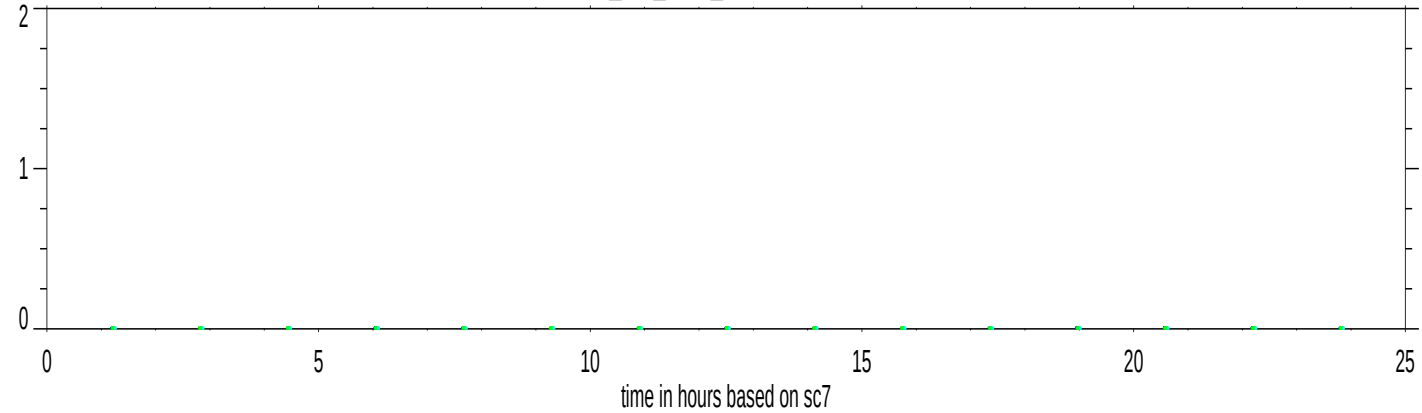
SEE_CUR 2020277



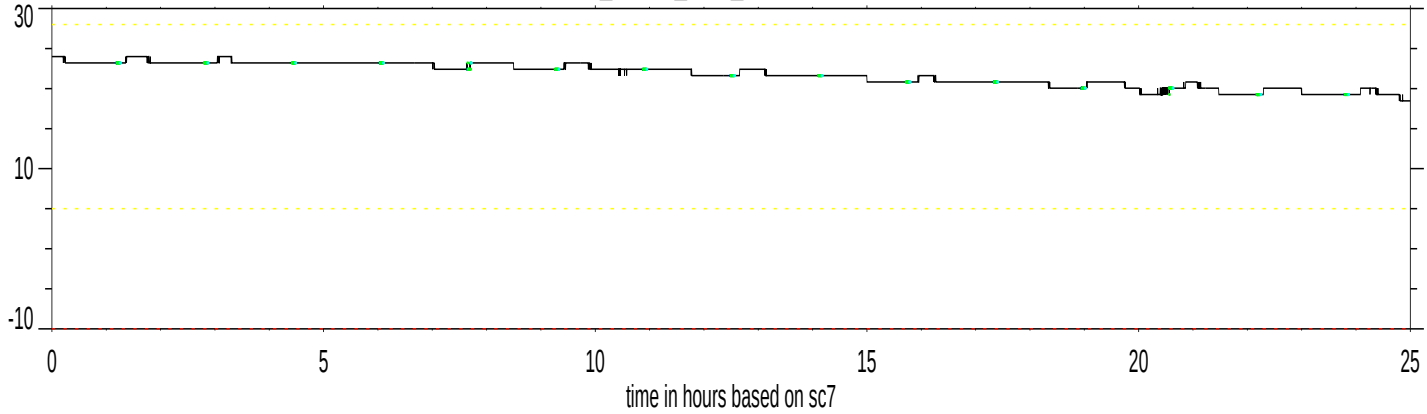
SEE_SURV_HTR_CUR 2020277



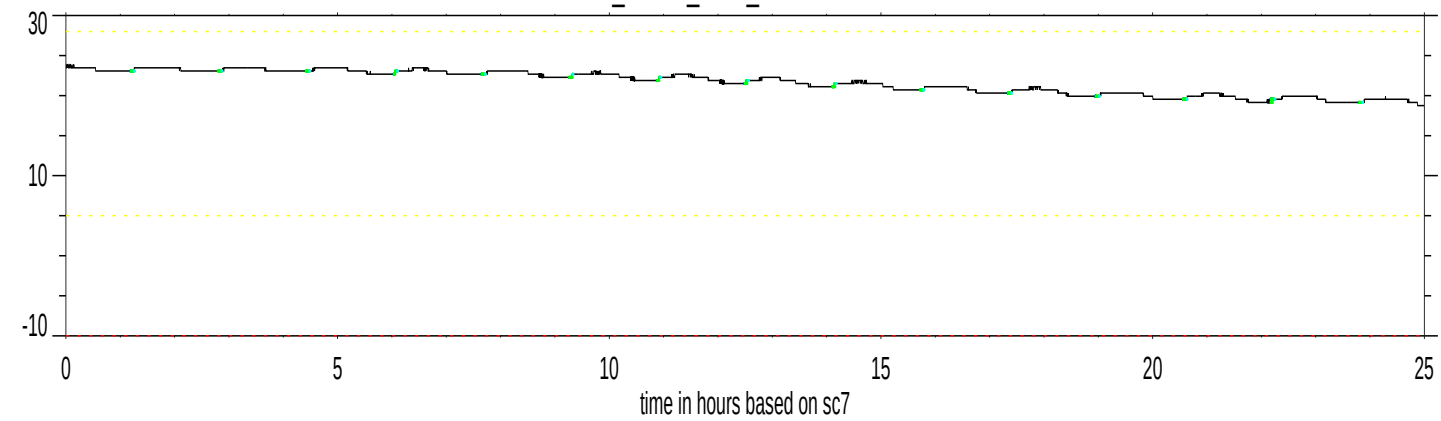
SEE_OP_HTR_CUR 2020277



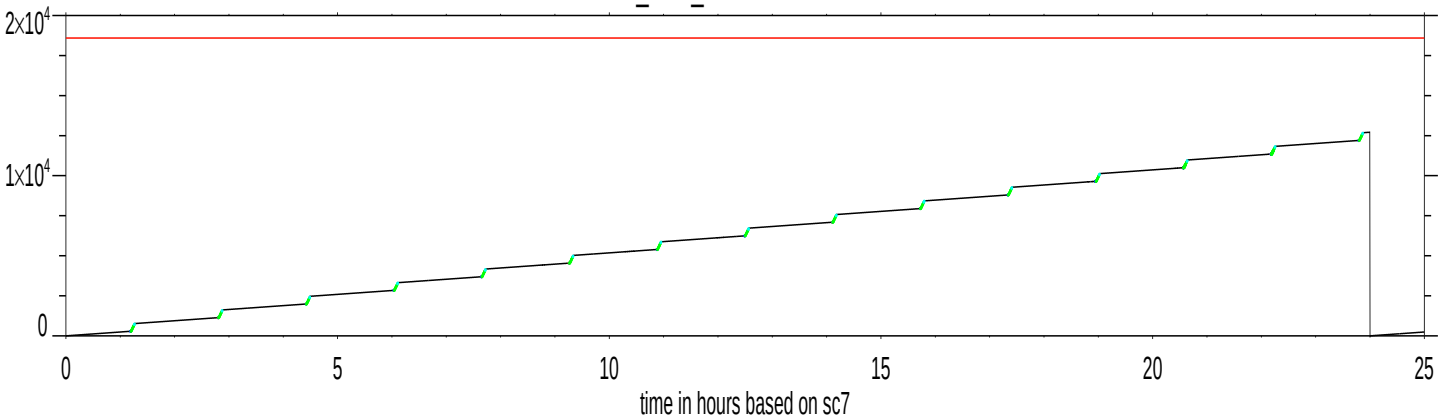
SSPP_BHND_XPS_TEMP 2020277



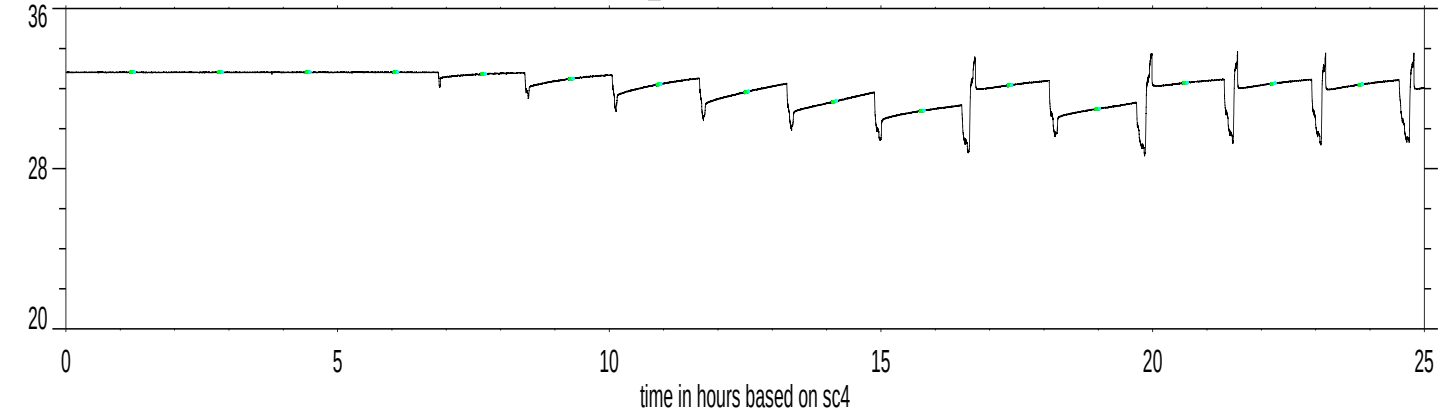
SSPP_BHND_MTR_TEMP 2020277



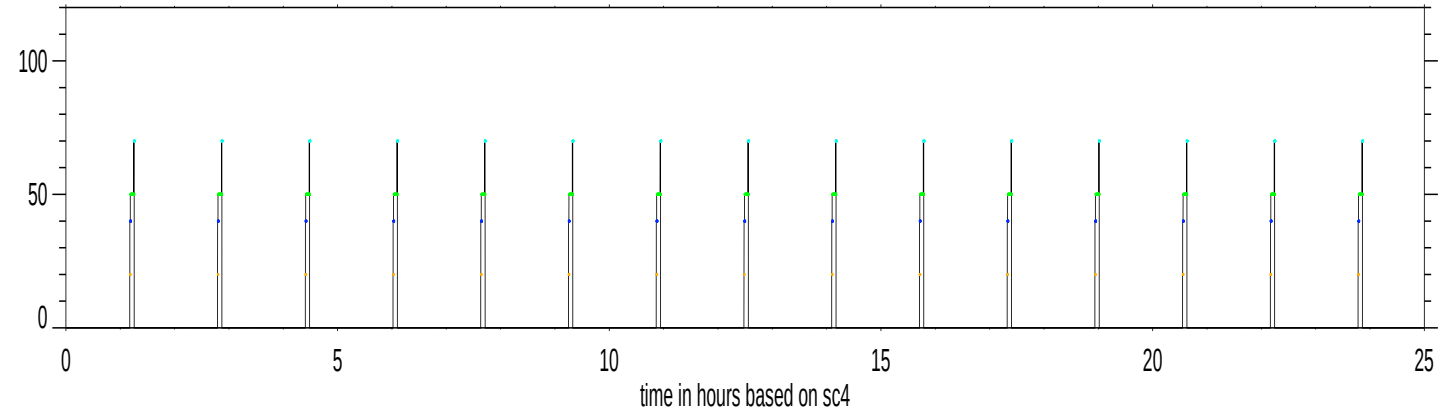
SEE_PKT_COUNT 2020277

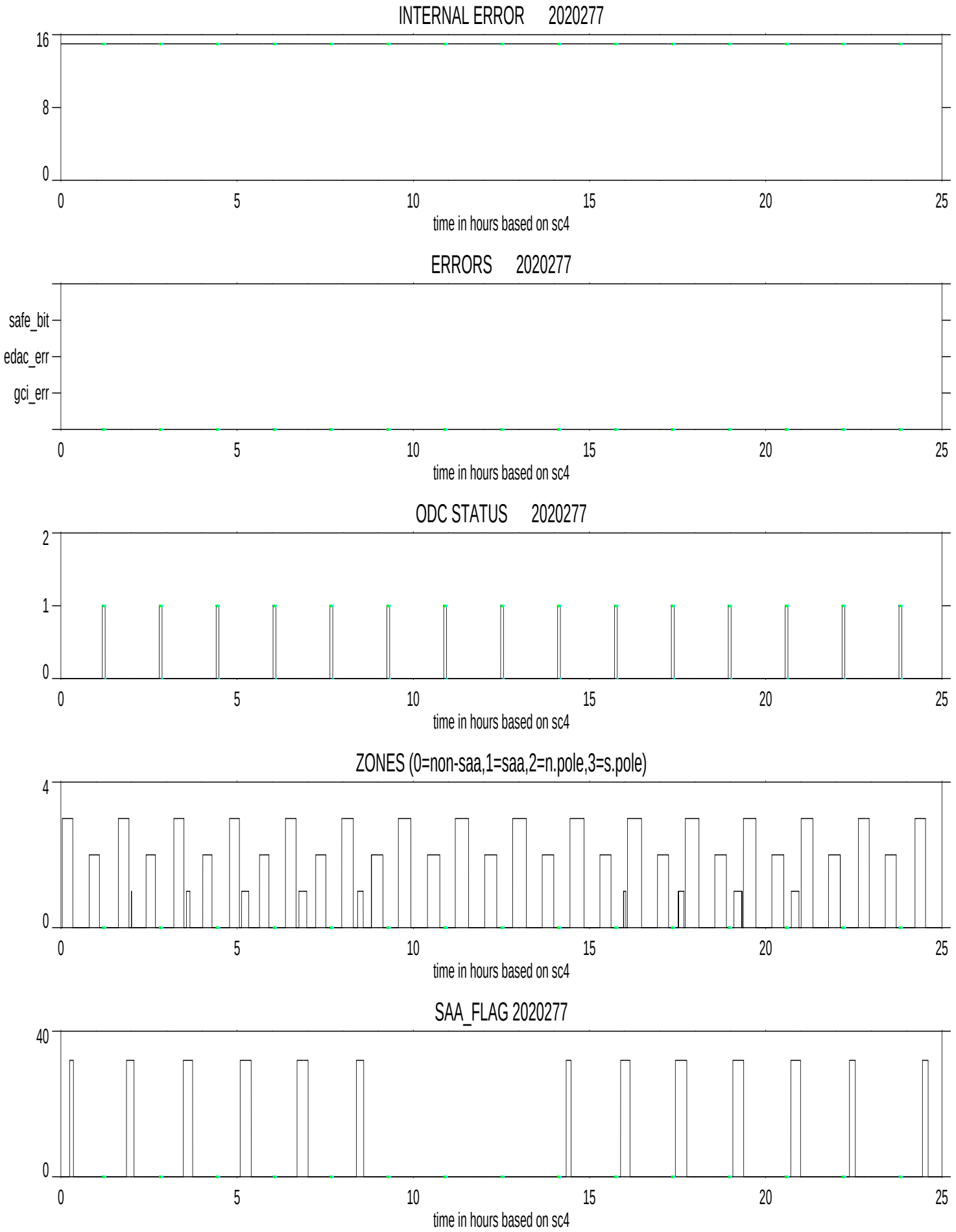


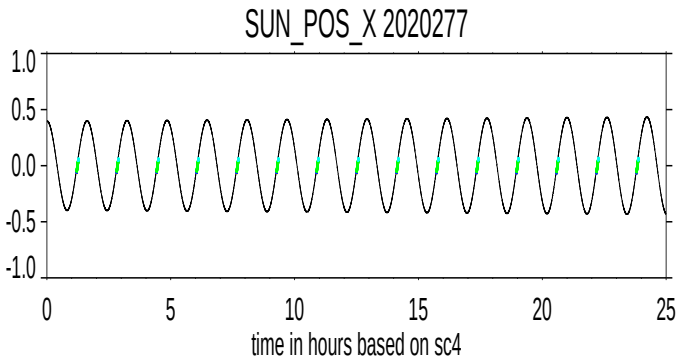
BUS_VOLTAGE 2020277

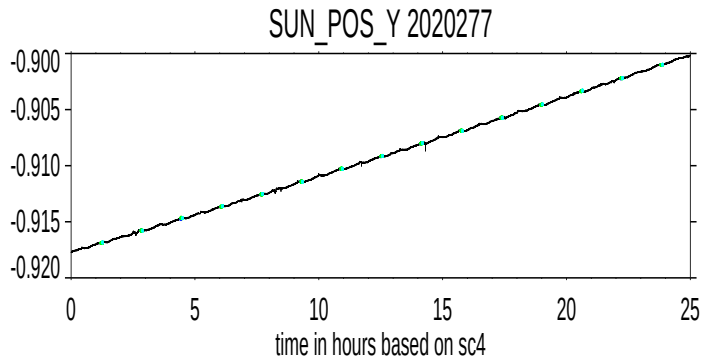


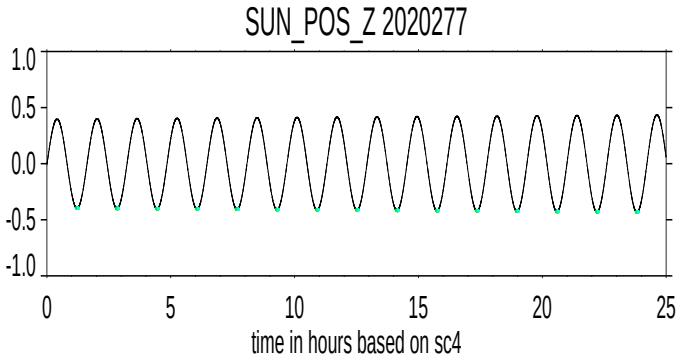
SEE_MU Operational Mode 2020277

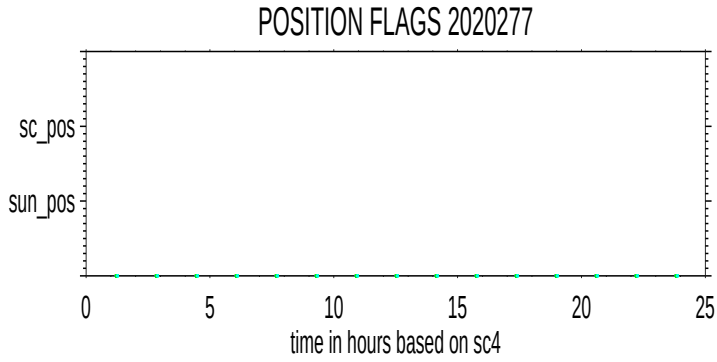


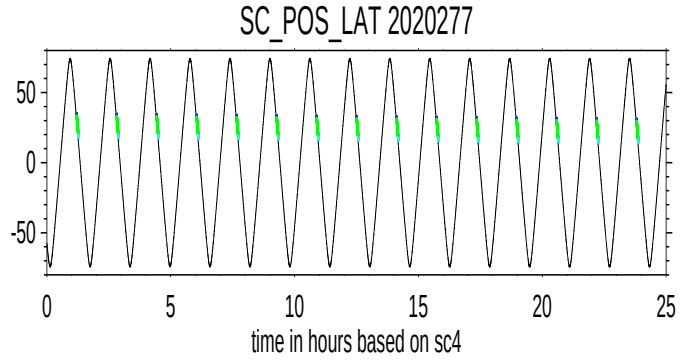

INTERNAL ERROR 2020277
16
8
0
0
5
10
15
20
25
time in hours based on sc4
ERRORS 2020277
safe_bit
edac_err
gci_err
0
5
10
15
20
25
time in hours based on sc4
ODC STATUS 2020277
2
1
0
0
5
10
15
20
25
time in hours based on sc4
ZONES (0=non-saa,1=saa,2=n.pole,3=s.pole)
4
0
0
5
10
15
20
25
time in hours based on sc4
SAA_FLAG 2020277
40
0
0
5
10
15
20
25
time in hours based on sc4

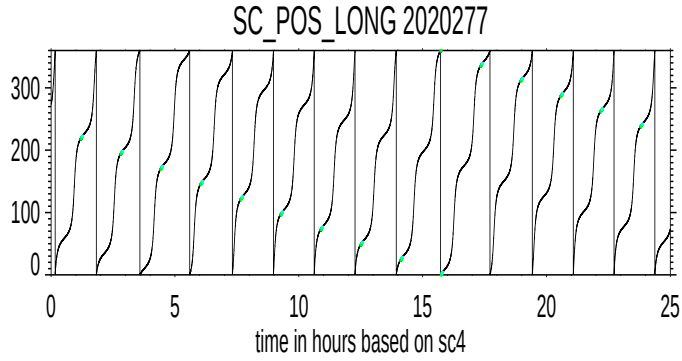

SUN_POS_X 2020277
1.0
0.5
0.0
-0.5
-1.0
0
5
10
15
20
25
time in hours based on sc4

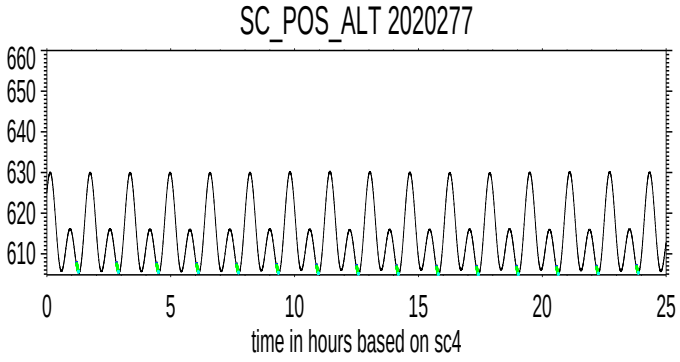

SUN_POS_Y 2020277
-0.900
-0.905
-0.910
-0.915
-0.920
0
5
10
15
20
25
time in hours based on sc4

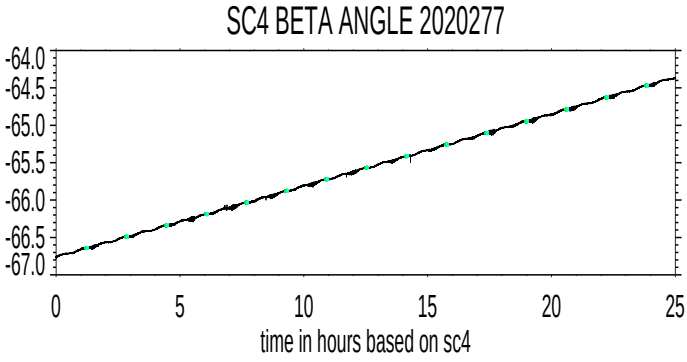

SUN_POS_Z 2020277
1.0
0.5
0.0
-0.5
-1.0
0
5
10
15
20
25
time in hours based on sc4


POSITION FLAGS 2020277
sc_pos
sun_pos
0
5
10
15
20
25
time in hours based on sc4


SC_POS_LAT 2020277
50
0
-50
0
5
10
15
20
25
time in hours based on sc4


SC_POS_LONG 2020277
300
200
100
0
0
5
10
15
20
25
time in hours based on sc4


SC_POS_ALT 2020277
660
650
640
630
620
610
0
5
10
15
20
25
time in hours based on sc4


SC4 BETA ANGLE 2020277
-64.0
-64.5
-65.0
-65.5
-66.0
-66.5
-67.0
0
5
10
15
20
25
time in hours based on sc4