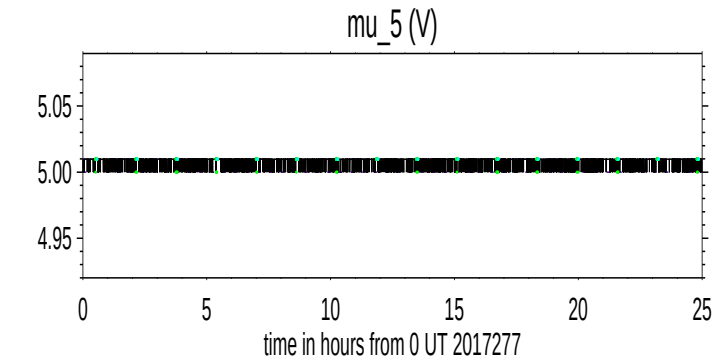
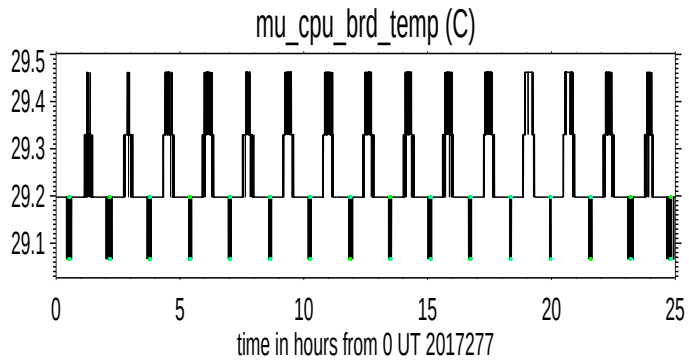
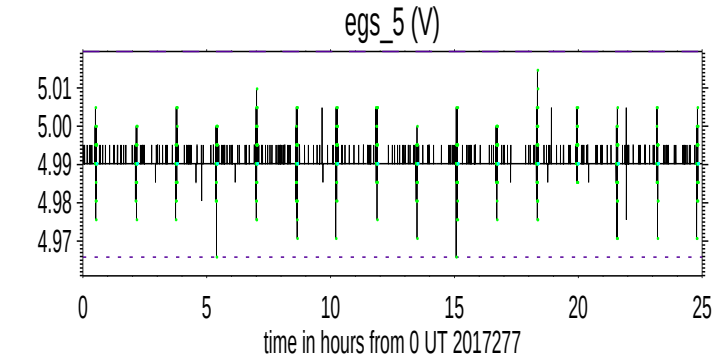
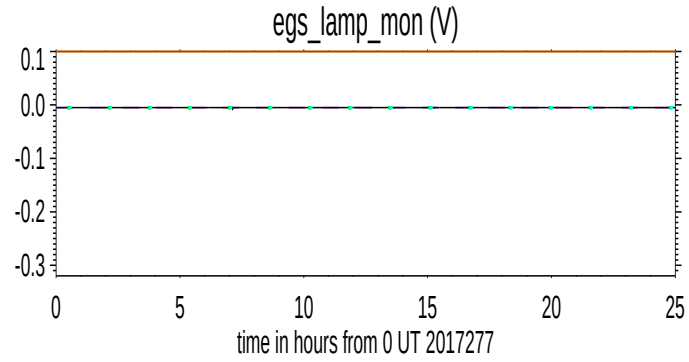
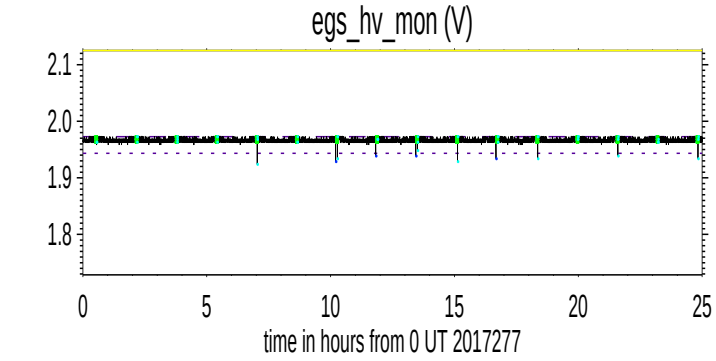
```
Information for      2017277
11:52:35.001: see_stat[1]: 1 internal error
```

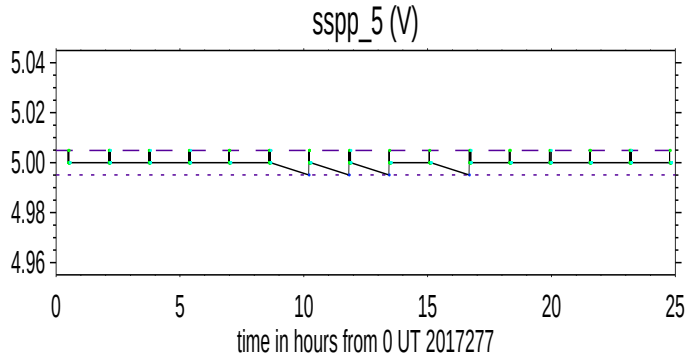

mu_5 (V)
5.05
5.00
4.95
0
5
10
15
20
25
time in hours from 0 UT 2017277

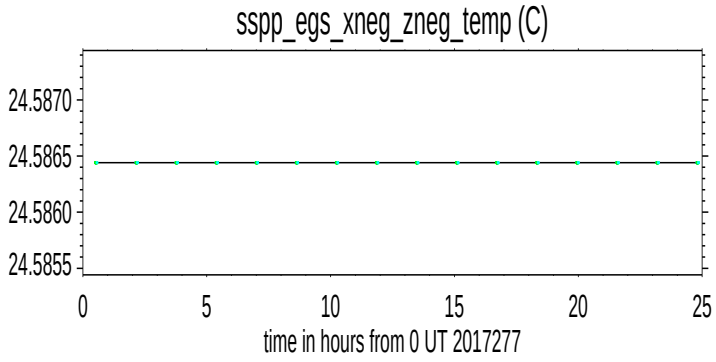

mu_cpu_brd_temp (C)
29.5
29.4
29.3
29.2
29.1
0
5
10
15
20
25
time in hours from 0 UT 2017277

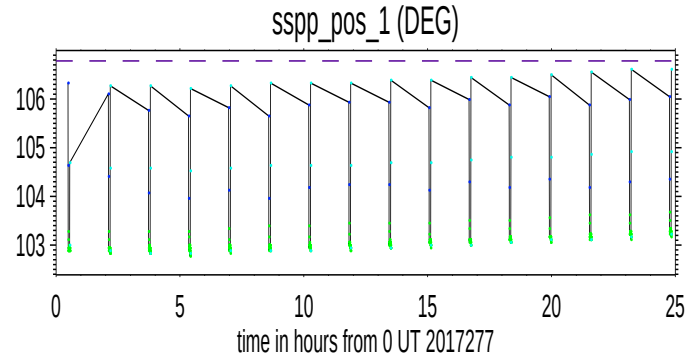

egs_5 (V)
5.01
5.00
4.99
4.98
4.97
0
5
10
15
20
25
time in hours from 0 UT 2017277

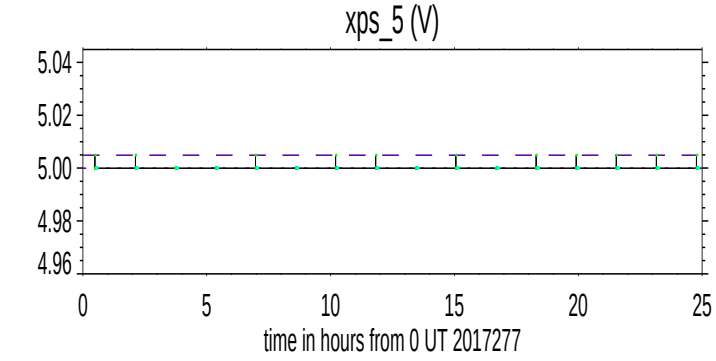

egs_lamp_mon (V)
0.1
0.0
-0.1
-0.2
-0.3
0
5
10
15
20
25
time in hours from 0 UT 2017277

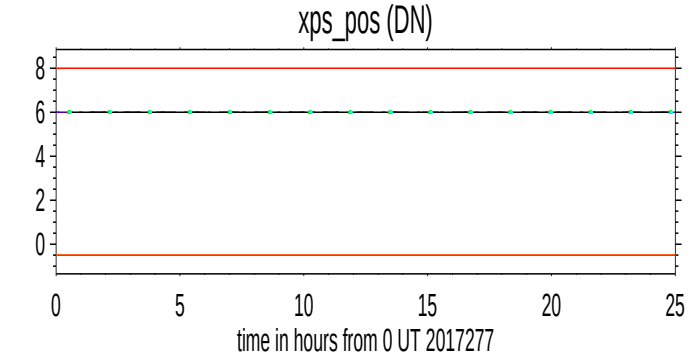

egs_hv_mon (V)
2.1
2.0
1.9
1.8
0
5
10
15
20
25
time in hours from 0 UT 2017277

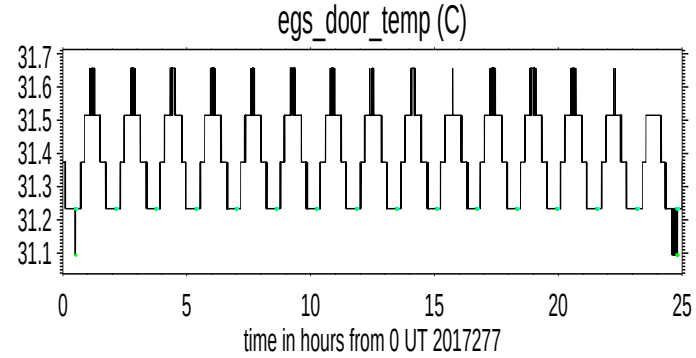

sspp_5 (V)
5.04
5.02
5.00
4.98
4.96
0
5
10
15
20
25
time in hours from 0 UT 2017277

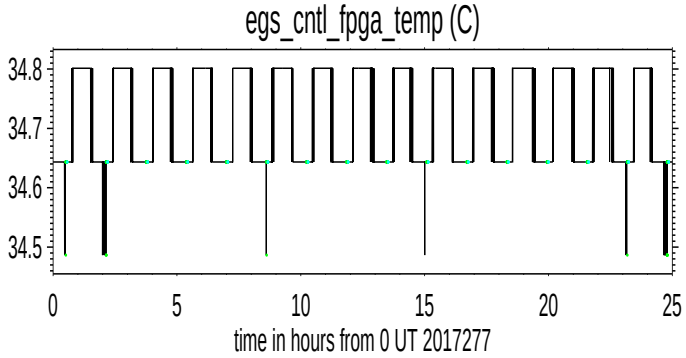

sspp_egs_xneg_zneg_temp (C)
24.5870
24.5865
24.5860
24.5855
0
5
10
15
20
25
time in hours from 0 UT 2017277

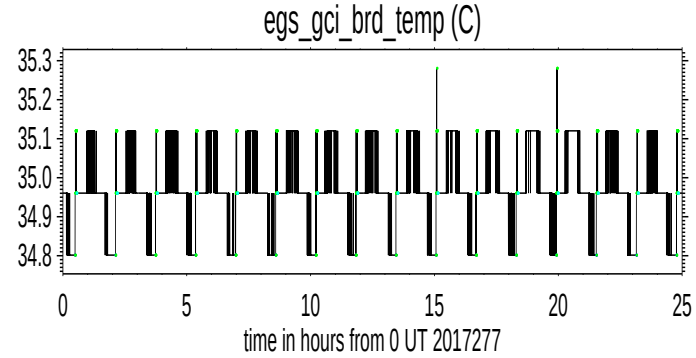

sspp_pos_1 (DEG)
106
105
104
103
0
5
10
15
20
25
time in hours from 0 UT 2017277

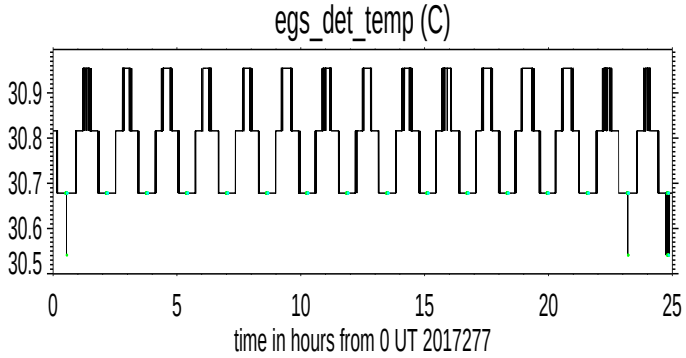

xps_5 (V)
5.04
5.02
5.00
4.98
4.96
0
5
10
15
20
25
time in hours from 0 UT 2017277

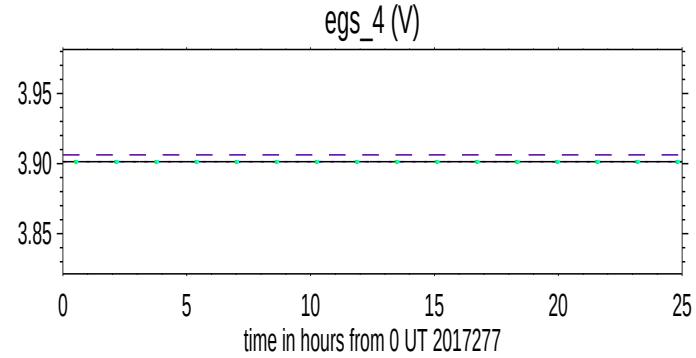

xps_pos (DN)
8
6
4
2
0
0
5
10
15
20
25
time in hours from 0 UT 2017277

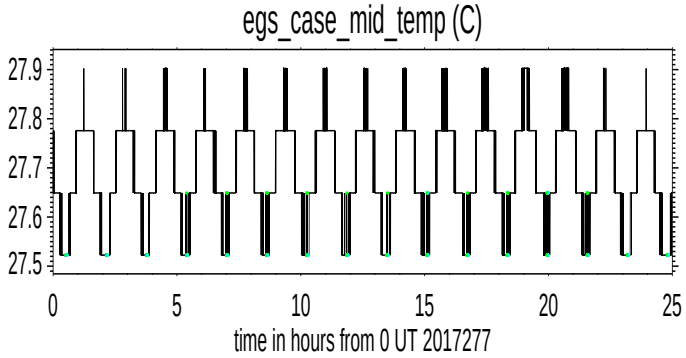

egs_door_temp (C)
31.7
31.6
31.5
31.4
31.3
31.2
31.1
0
5
10
15
20
25
time in hours from 0 UT 2017277

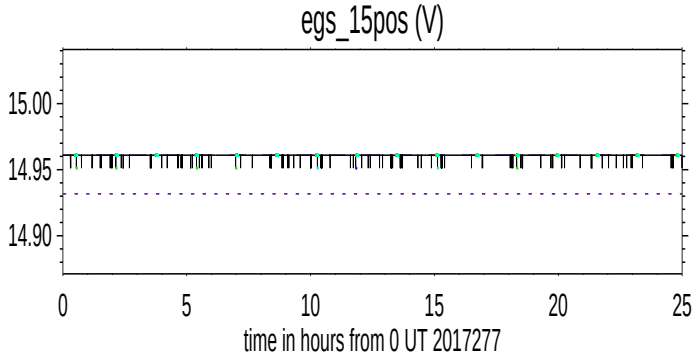

egs_cntl_fpga_temp (C)
34.8
34.7
34.6
34.5
0
5
10
15
20
25
time in hours from 0 UT 2017277

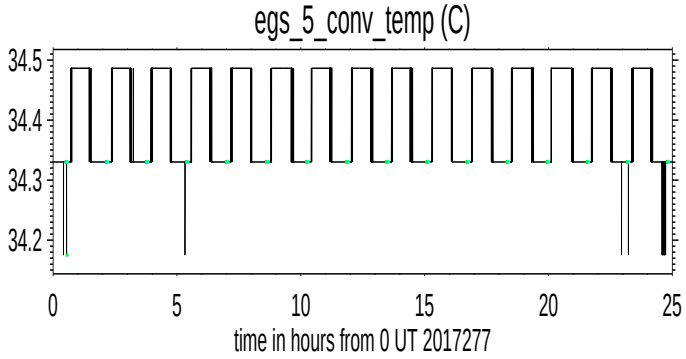

egs_gci_brd_temp (C)
35.3
35.2
35.1
35.0
34.9
34.8
0
5
10
15
20
25
time in hours from 0 UT 2017277

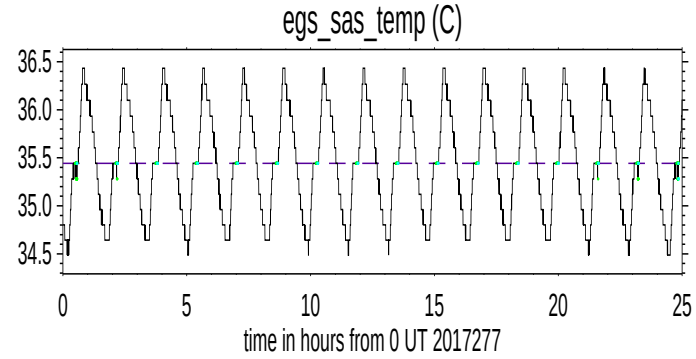

egs_det_temp (C)
30.9
30.8
30.7
30.6
30.5
0
5
10
15
20
25
time in hours from 0 UT 2017277

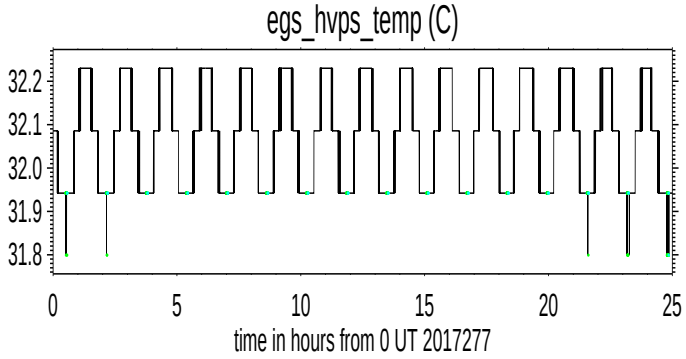

egs_4 (V)
3.95
3.90
3.85
0
5
10
15
20
25
time in hours from 0 UT 2017277

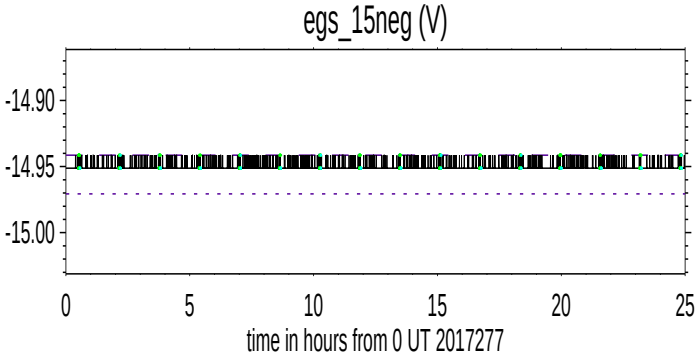

egs_case_mid_temp (C)
27.9
27.8
27.7
27.6
27.5
0
5
10
15
20
25
time in hours from 0 UT 2017277

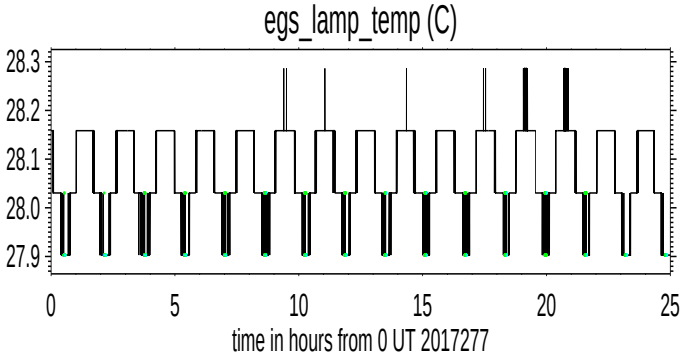

egs_15pos (V)
15.00
14.95
14.90
0
5
10
15
20
25
time in hours from 0 UT 2017277

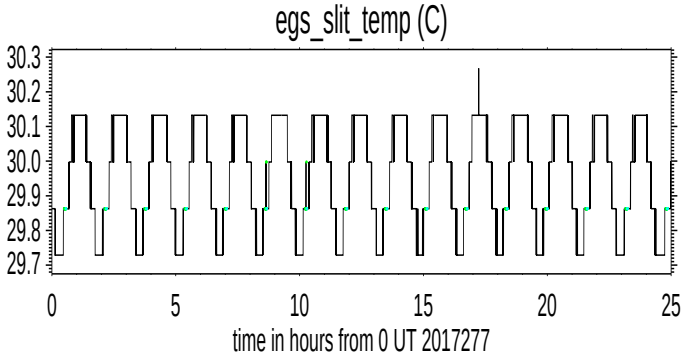

egs_5_conv_temp (C)
34.5
34.4
34.3
34.2
0
5
10
15
20
25
time in hours from 0 UT 2017277

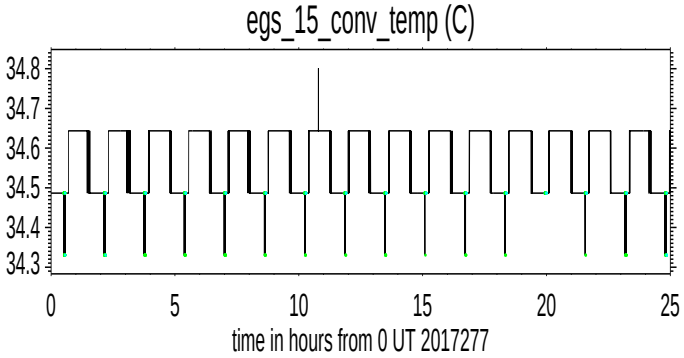

egs_sas_temp (C)
36.5
36.0
35.5
35.0
34.5
0
5
10
15
20
25
time in hours from 0 UT 2017277

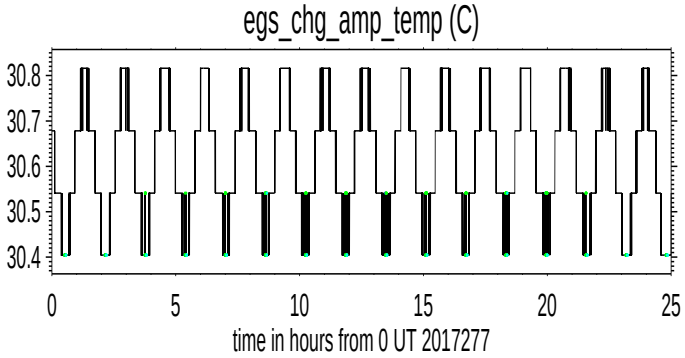

egs_hvps_temp (C)
32.2
32.1
32.0
31.9
31.8
0
5
10
15
20
25
time in hours from 0 UT 2017277

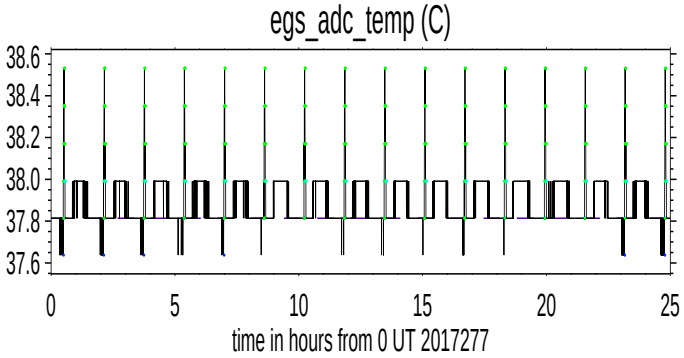

egs_15neg (V)
-14.90
-14.95
-15.00
0
5
10
15
20
25
time in hours from 0 UT 2017277

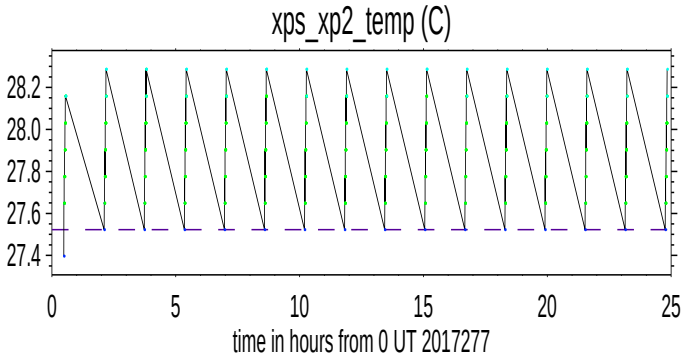

egs_lamp_temp (C)
28.3
28.2
28.1
28.0
27.9
0
5
10
15
20
25
time in hours from 0 UT 2017277

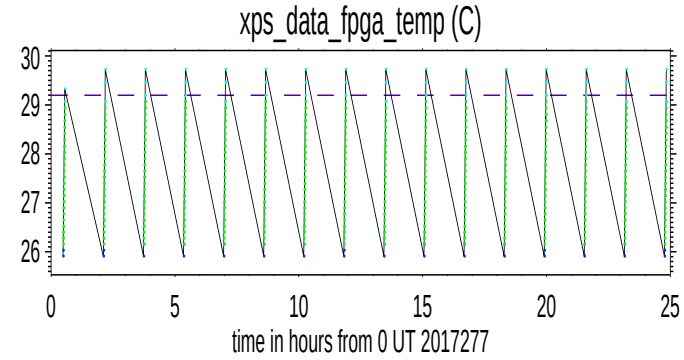

egs_slit_temp (C)
30.3
30.2
30.1
30.0
29.9
29.8
29.7
0
5
10
15
20
25
time in hours from 0 UT 2017277

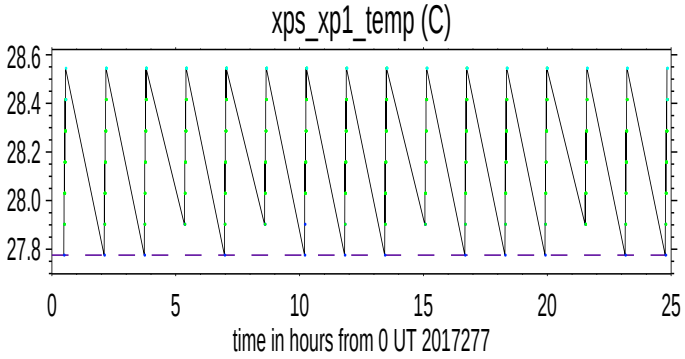

egs_15_conv_temp (C)
34.8
34.7
34.6
34.5
34.4
34.3
0
5
10
15
20
25
time in hours from 0 UT 2017277

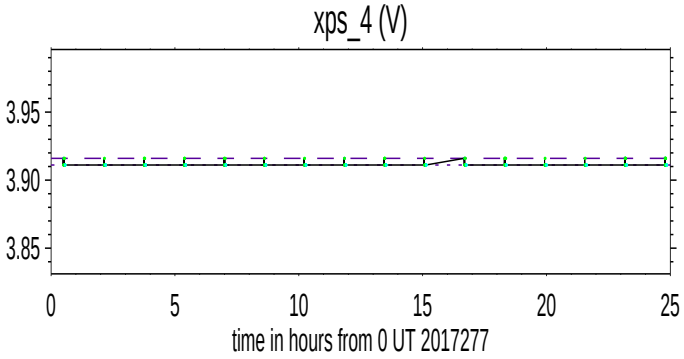

egs_chg_amp_temp (C)
30.8
30.7
30.6
30.5
30.4
0
5
10
15
20
25
time in hours from 0 UT 2017277

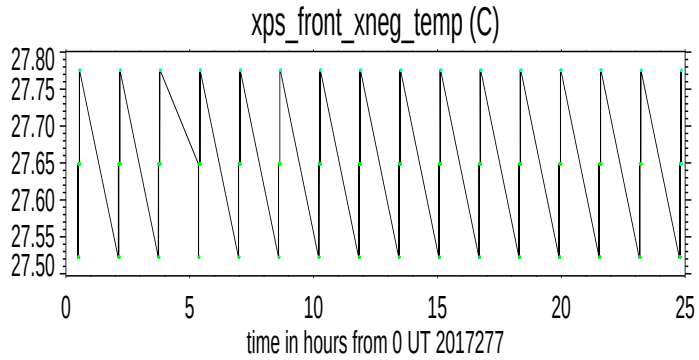

egs_adc_temp (C)
38.6
38.4
38.2
38.0
37.8
37.6
0
5
10
15
20
25
time in hours from 0 UT 2017277

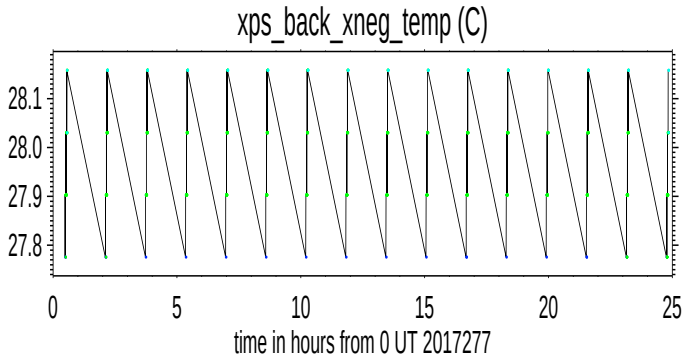

xps_xp2_temp (C)
28.2
28.0
27.8
27.6
27.4
0
5
10
15
20
25
time in hours from 0 UT 2017277

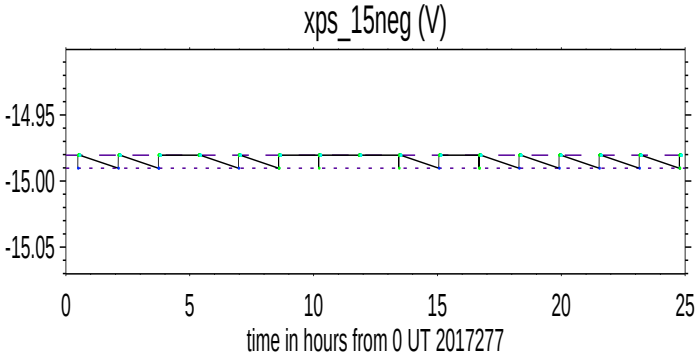

xps_data_fpga_temp (C)
30
29
28
27
26
0
5
10
15
20
25
time in hours from 0 UT 2017277

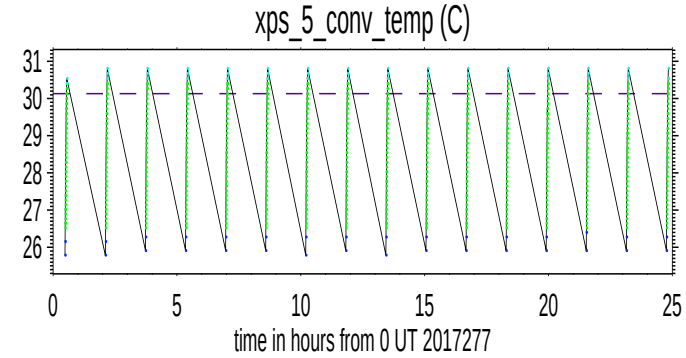

xps_xp1_temp (C)
28.6
28.4
28.2
28.0
27.8
0
5
10
15
20
25
time in hours from 0 UT 2017277

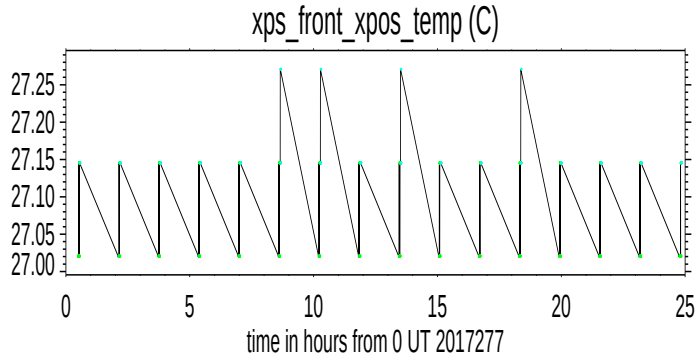

xps_4 (V)
3.95
3.90
3.85
0
5
10
15
20
25
time in hours from 0 UT 2017277

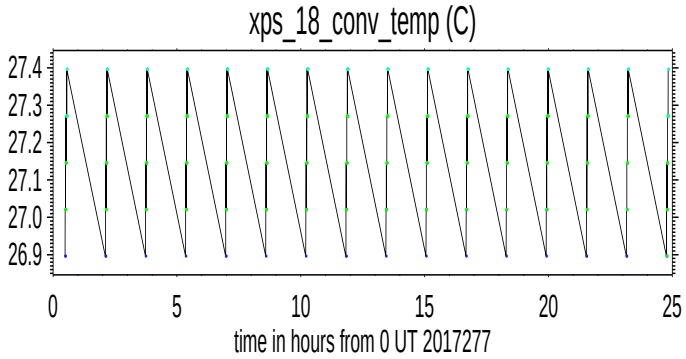

xps_front_xneg_temp (C)
27.80
27.75
27.70
27.65
27.60
27.55
27.50
0
5
10
15
20
25
time in hours from 0 UT 2017277

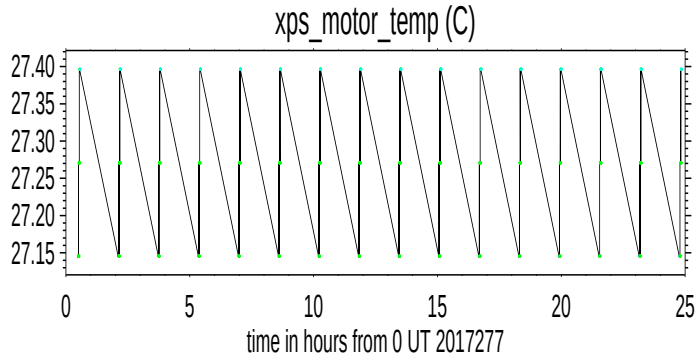

xps_back_xneg_temp (C)
28.1
28.0
27.9
27.8
0
5
10
15
20
25
time in hours from 0 UT 2017277

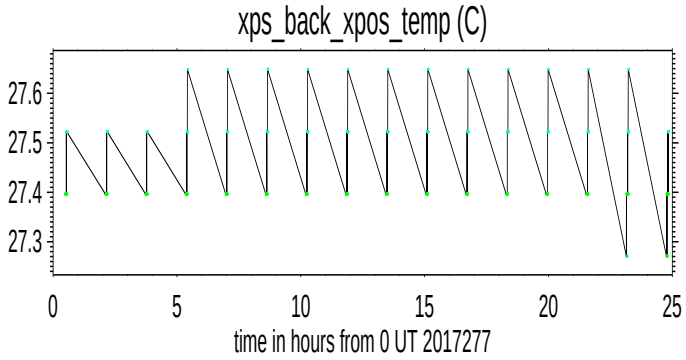

xps_15neg (V)
-14.95
-15.00
-15.05
0
5
10
15
20
25
time in hours from 0 UT 2017277

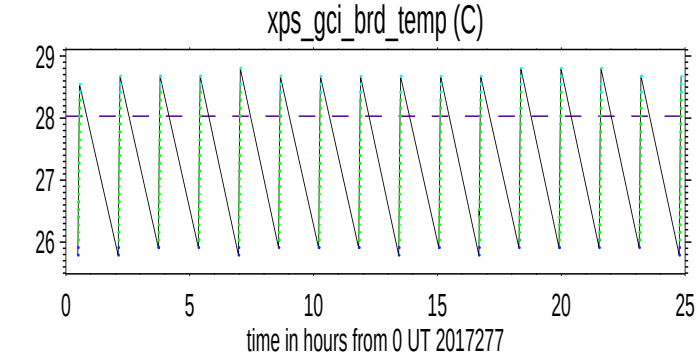

xps_5_conv_temp (C)
31
30
29
28
27
26
0
5
10
15
20
25
time in hours from 0 UT 2017277

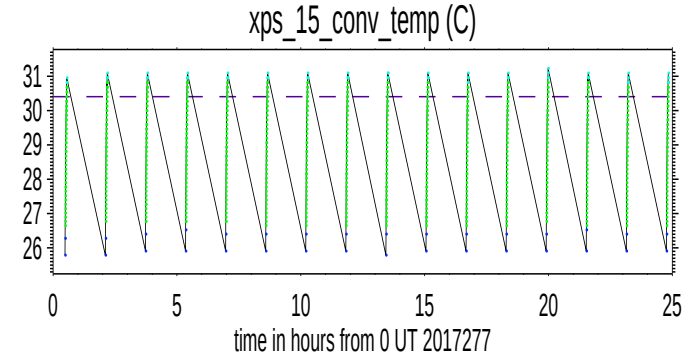

xps_front_xpos_temp (C)
27.25
27.20
27.15
27.10
27.05
27.00
0
5
10
15
20
25
time in hours from 0 UT 2017277

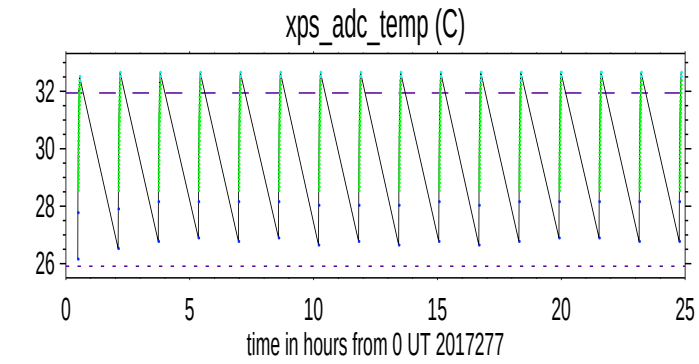

xps_18_conv_temp (C)
27.4
27.3
27.2
27.1
27.0
26.9
0
5
10
15
20
25
time in hours from 0 UT 2017277

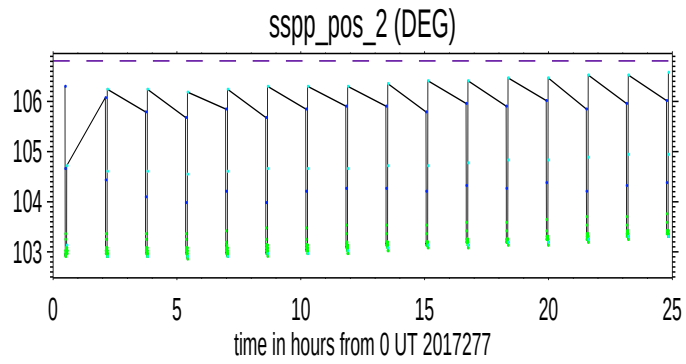

xps_motor_temp (C)
27.40
27.35
27.30
27.25
27.20
27.15
0
5
10
15
20
25
time in hours from 0 UT 2017277

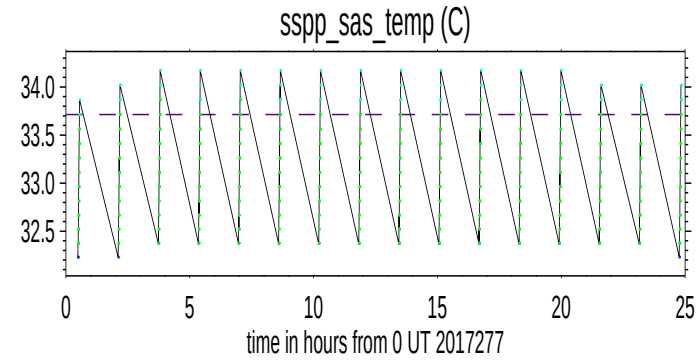

xps_back_xpos_temp (C)
27.6
27.5
27.4
27.3
0
5
10
15
20
25
time in hours from 0 UT 2017277

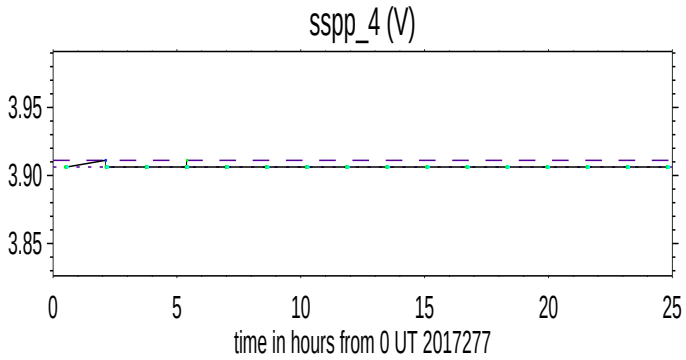

xps_gci_brd_temp (C)
29
28
27
26
0
5
10
15
20
25
time in hours from 0 UT 2017277

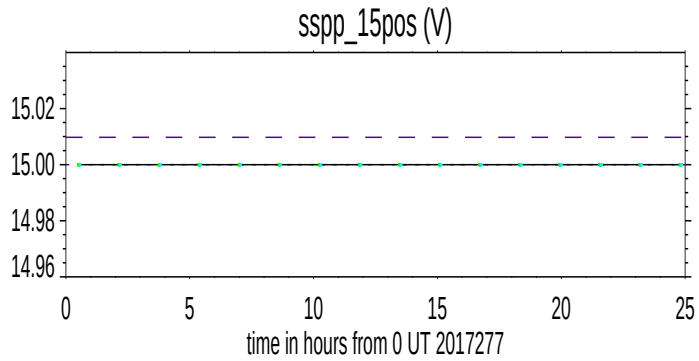

xps_15_conv_temp (C)
31
30
29
28
27
26
0
5
10
15
20
25
time in hours from 0 UT 2017277

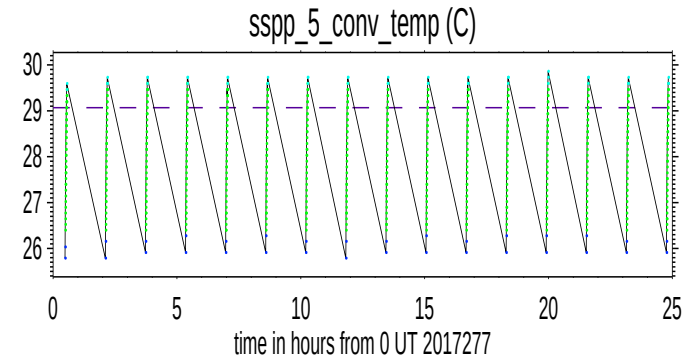

xps_adc_temp (C)
32
30
28
26
0
5
10
15
20
25
time in hours from 0 UT 2017277

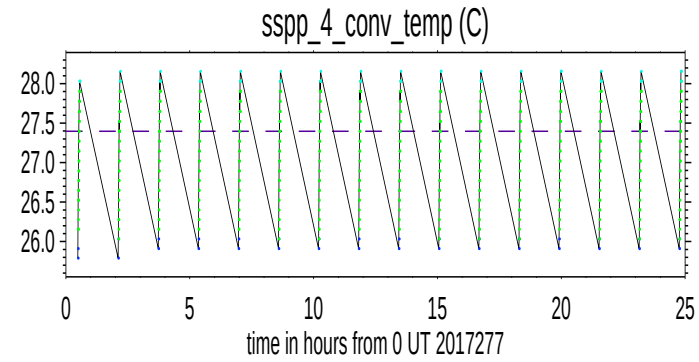

sspp_pos_2 (DEG)
106
105
104
103
0
5
10
15
20
25
time in hours from 0 UT 2017277

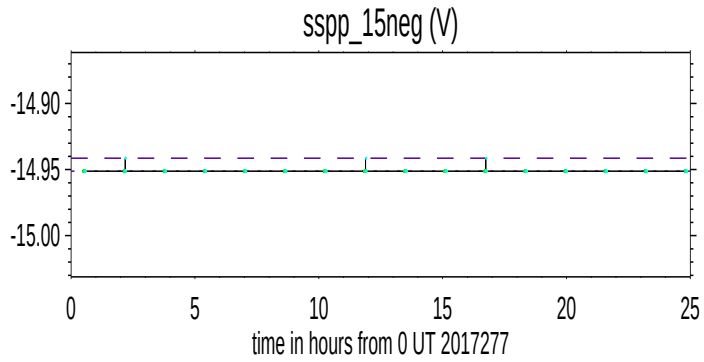

sspp_sas_temp (C)
34.0
33.5
33.0
32.5
0
5
10
15
20
25
time in hours from 0 UT 2017277

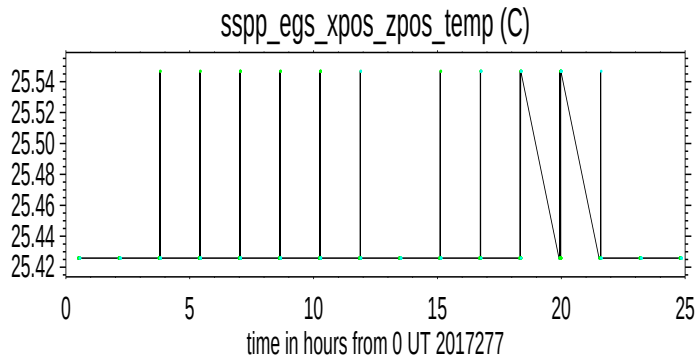

sspp_4 (V)
3.95
3.90
3.85
0
5
10
15
20
25
time in hours from 0 UT 2017277

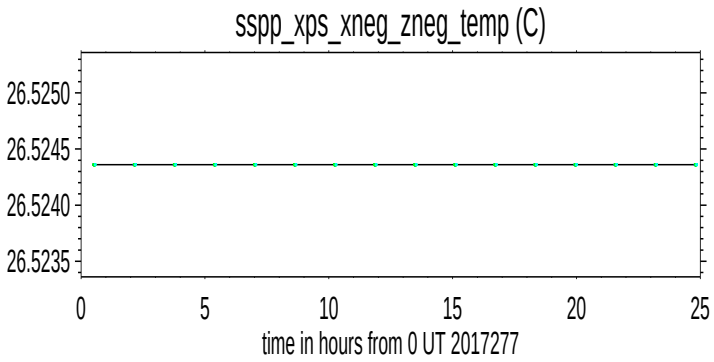

sspp_15pos (V)
15.02
15.00
14.98
14.96
0
5
10
15
20
25
time in hours from 0 UT 2017277

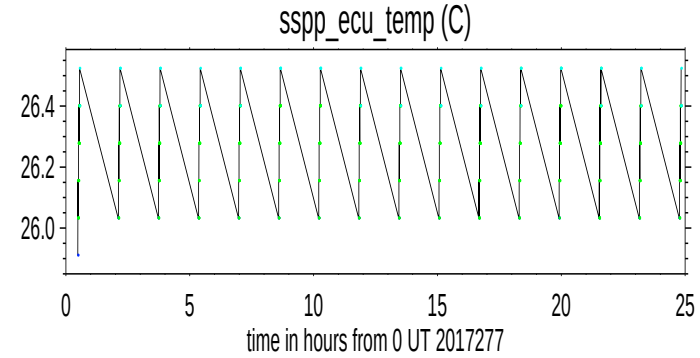

sspp_5_conv_temp (C)
30
29
28
27
26
0
5
10
15
20
25
time in hours from 0 UT 2017277

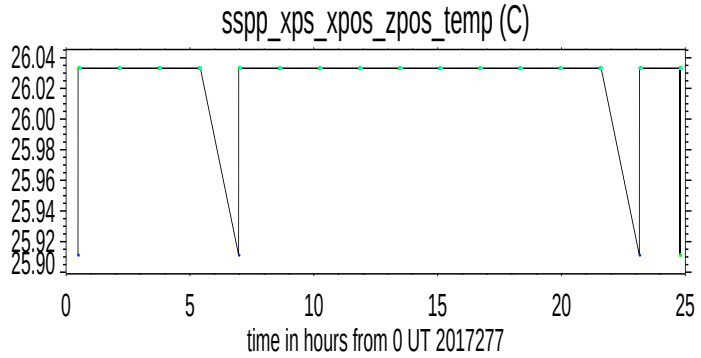

sspp_4_conv_temp (C)
28.0
27.5
27.0
26.5
26.0
0
5
10
15
20
25
time in hours from 0 UT 2017277

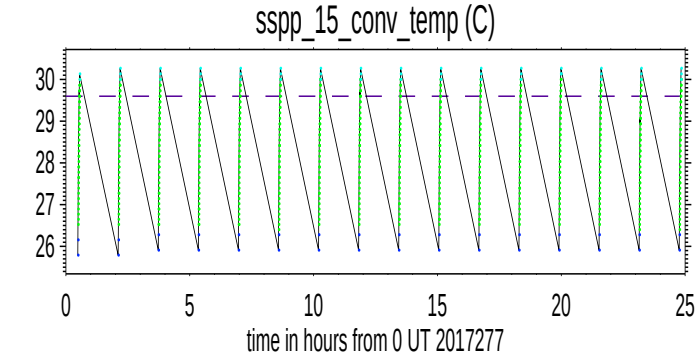

sspp_15neg (V)
-14.90
-14.95
-15.00
0
5
10
15
20
25
time in hours from 0 UT 2017277

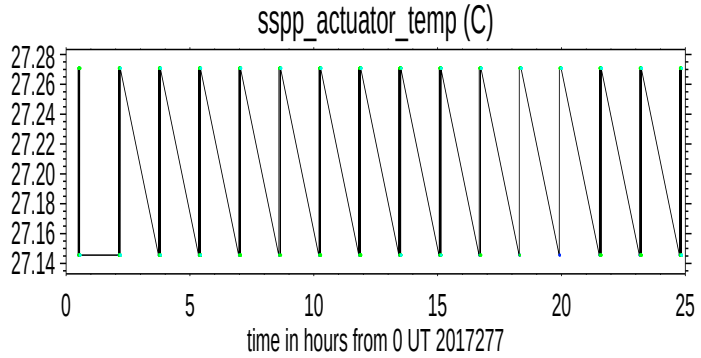

sspp_egs_xpos_zpos_temp (C)
25.54
25.52
25.50
25.48
25.46
25.44
25.42
0
5
10
15
20
25
time in hours from 0 UT 2017277

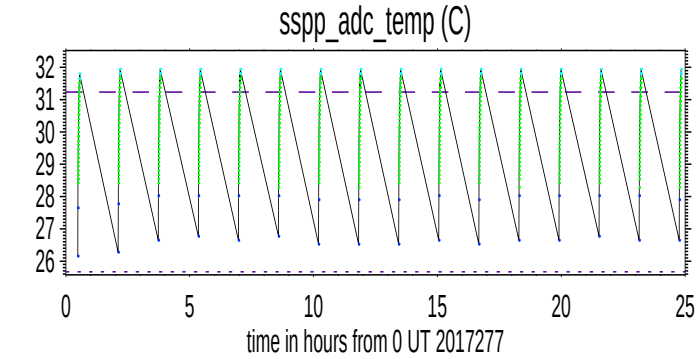

sspp_xps_xneg_zneg_temp (C)
26.5250
26.5245
26.5240
26.5235
0
5
10
15
20
25
time in hours from 0 UT 2017277

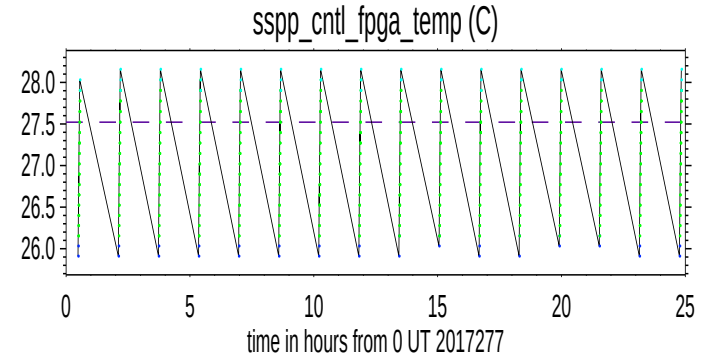

sspp_ecu_temp (C)
26.4
26.2
26.0
0
5
10
15
20
25
time in hours from 0 UT 2017277

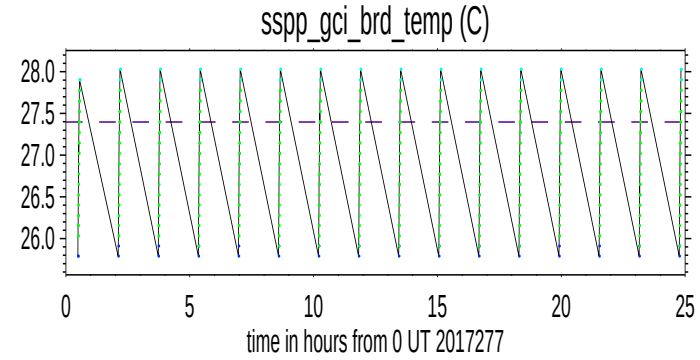

sspp_xps_xpos_zpos_temp (C)
26.04
26.02
26.00
25.98
25.96
25.94
25.92
25.90
0
5
10
15
20
25
time in hours from 0 UT 2017277

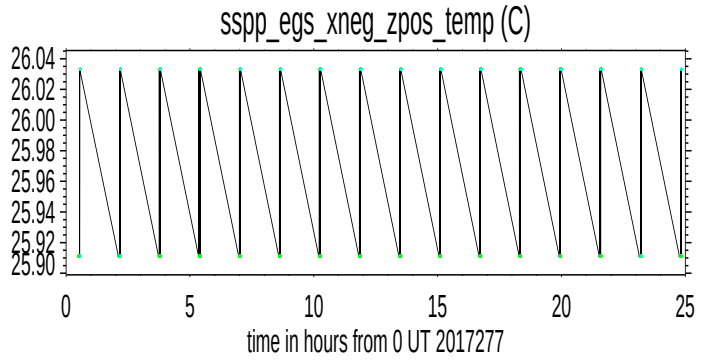

sspp_15_conv_temp (C)
30
29
28
27
26
0
5
10
15
20
25
time in hours from 0 UT 2017277

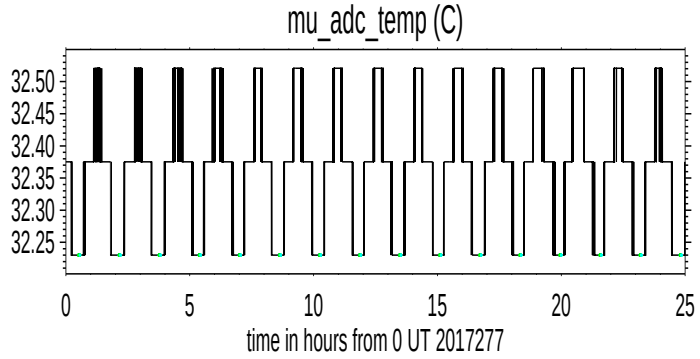

sspp_actuator_temp (C)
27.28
27.26
27.24
27.22
27.20
27.18
27.16
27.14
0
5
10
15
20
25
time in hours from 0 UT 2017277

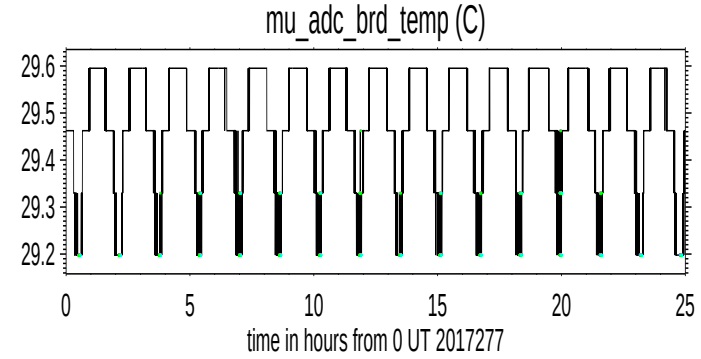

sspp_adc_temp (C)
32
31
30
29
28
27
26
0
5
10
15
20
25
time in hours from 0 UT 2017277

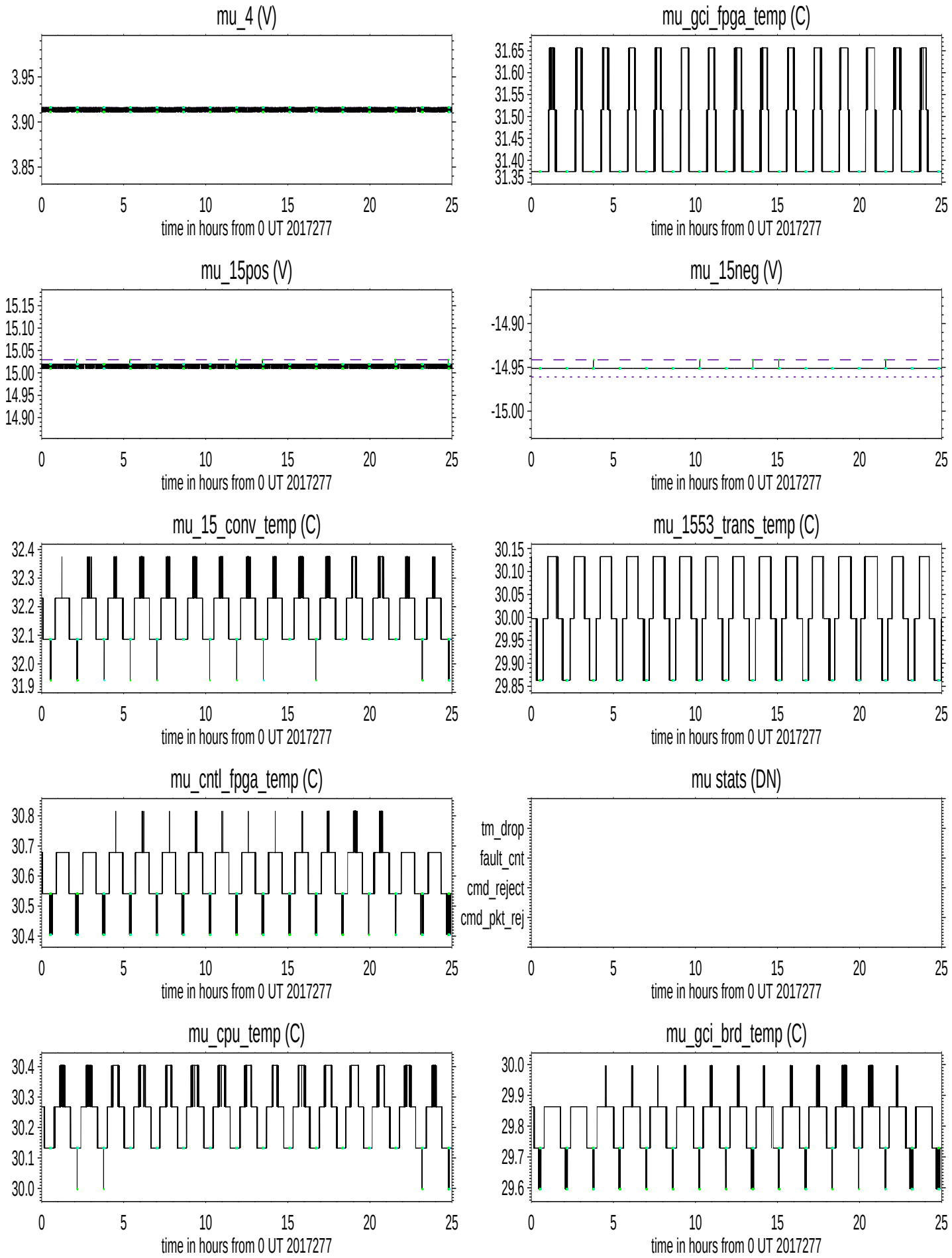

sspp_cntl_fpga_temp (C)
28.0
27.5
27.0
26.5
26.0
0
5
10
15
20
25
time in hours from 0 UT 2017277

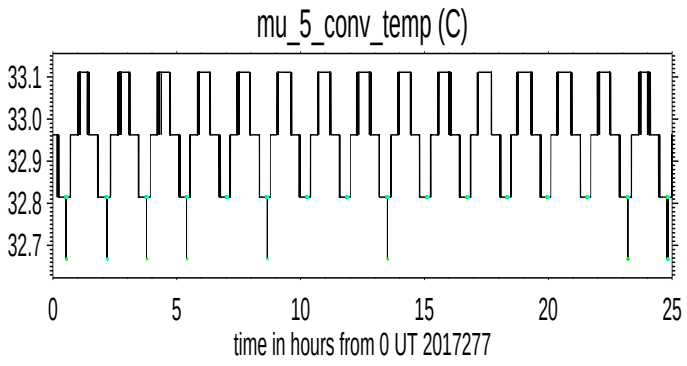

sspp_gci_brd_temp (C)
28.0
27.5
27.0
26.5
26.0
0
5
10
15
20
25
time in hours from 0 UT 2017277

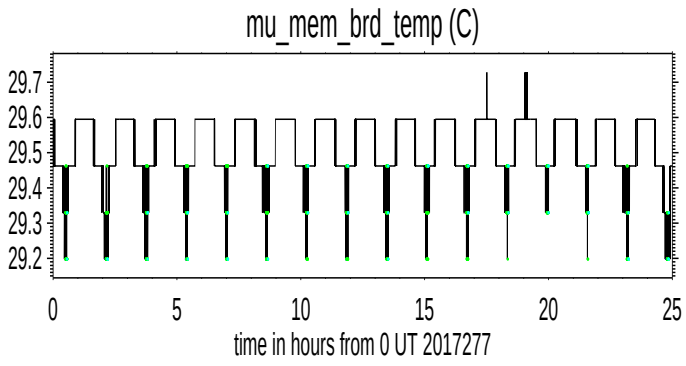

sspp_egs_xneg_zpos_temp (C)
26.04
26.02
26.00
25.98
25.96
25.94
25.92
25.90
0
5
10
15
20
25
time in hours from 0 UT 2017277

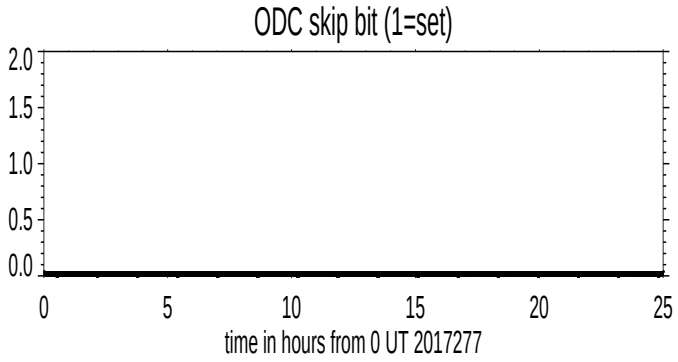

mu_adc_temp (C)
32.50
32.45
32.40
32.35
32.30
32.25
0
5
10
15
20
25
time in hours from 0 UT 2017277

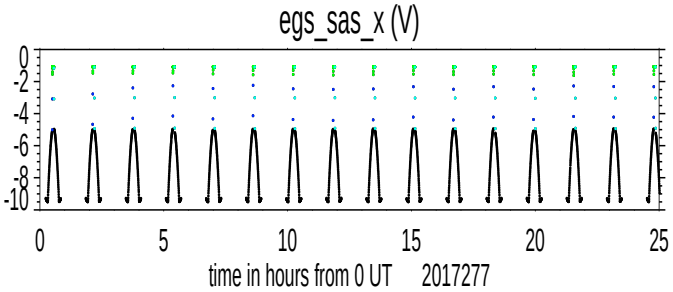

mu_adc_brd_temp (C)
29.6
29.5
29.4
29.3
29.2
0
5
10
15
20
25
time in hours from 0 UT 2017277

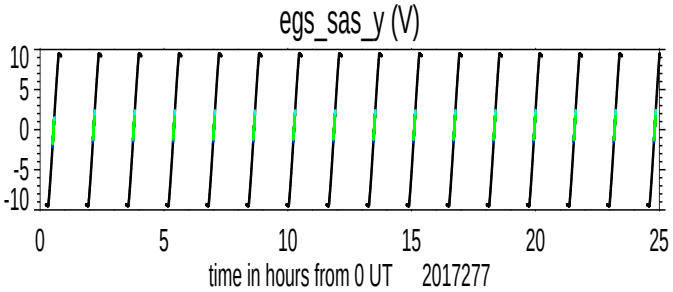

mu_4 (V)
3.95
3.90
3.85
mu_gci_fpga_temp (C)
31.65
31.60
31.55
31.50
31.45
31.40
31.35
mu_15pos (V)
15.15
15.10
15.05
15.00
14.95
14.90
mu_15neg (V)
-14.90
-14.95
-15.00
mu_15_conv_temp (C)
32.4
32.3
32.2
32.1
32.0
31.9
mu_1553_trans_temp (C)
30.15
30.10
30.05
30.00
29.95
29.90
29.85
mu_cntl_fpga_temp (C)
30.8
30.7
30.6
30.5
30.4
mu stats (DN)
tm_drop
fault_cnt
cmd_reject
cmd_pkt_rej
mu_cpu_temp (C)
30.4
30.3
30.2
30.1
30.0
mu_gci_brd_temp (C)
30.0
29.9
29.8
29.7
29.6
0
5
10
15
20
25
time in hours from 0 UT 2017277

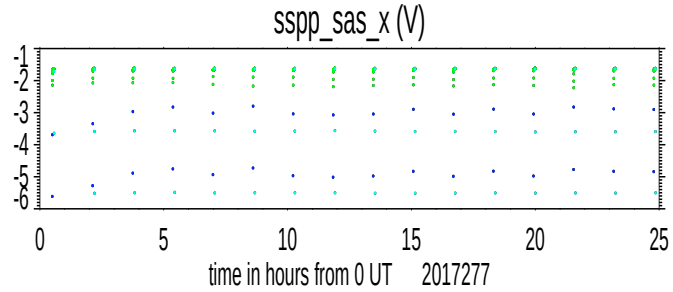

mu_5_conv_temp (C)
33.1
33.0
32.9
32.8
32.7
0
5
10
15
20
25
time in hours from 0 UT 2017277

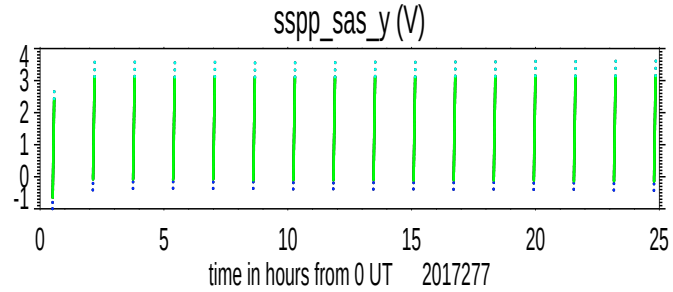

mu_mem_brd_temp (C)
29.7
29.6
29.5
29.4
29.3
29.2
0
5
10
15
20
25
time in hours from 0 UT 2017277

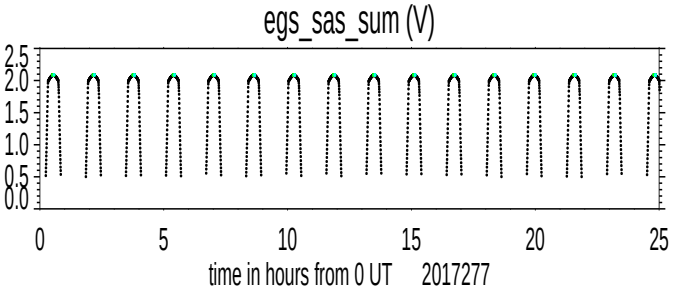

ODC skip bit (1=set)
2.0
1.5
1.0
0.5
0.0
0
5
10
15
20
25
time in hours from 0 UT 2017277

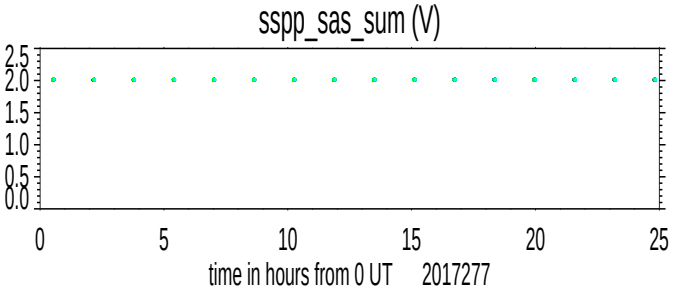

egs_sas_x (V)
time in hours from 0 UT 2017277

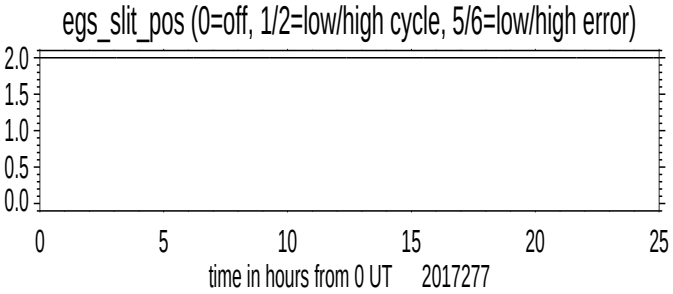

egs_sas_y (V)
time in hours from 0 UT 2017277

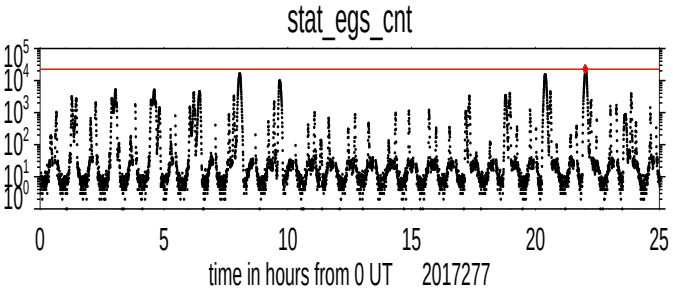

sspp_sas_x (V)
time in hours from 0 UT 2017277

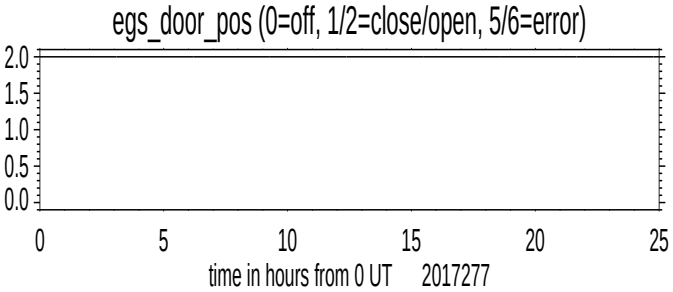

sspp_sas_y (V)
time in hours from 0 UT 2017277

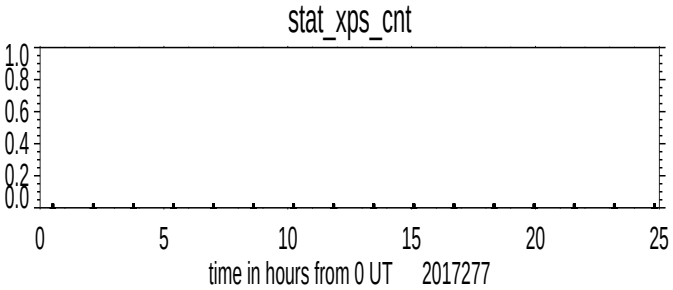

egs_sas_sum (V)
time in hours from 0 UT 2017277

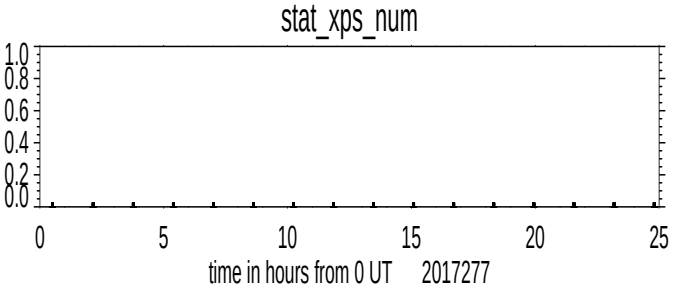

sspp_sas_sum (V)
time in hours from 0 UT 2017277

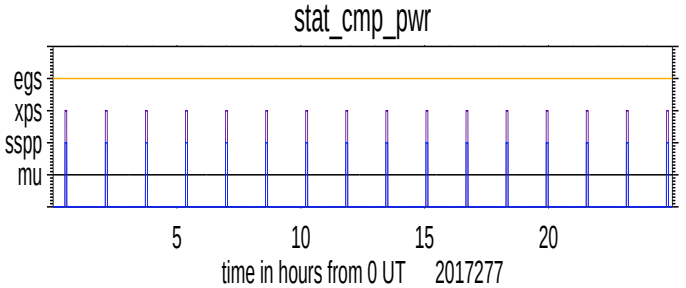

egs_slit_pos (0=off, 1/2=low/high cycle, 5/6=low/high error)
time in hours from 0 UT 2017277


stat_egs_cnt
time in hours from 0 UT 2017277

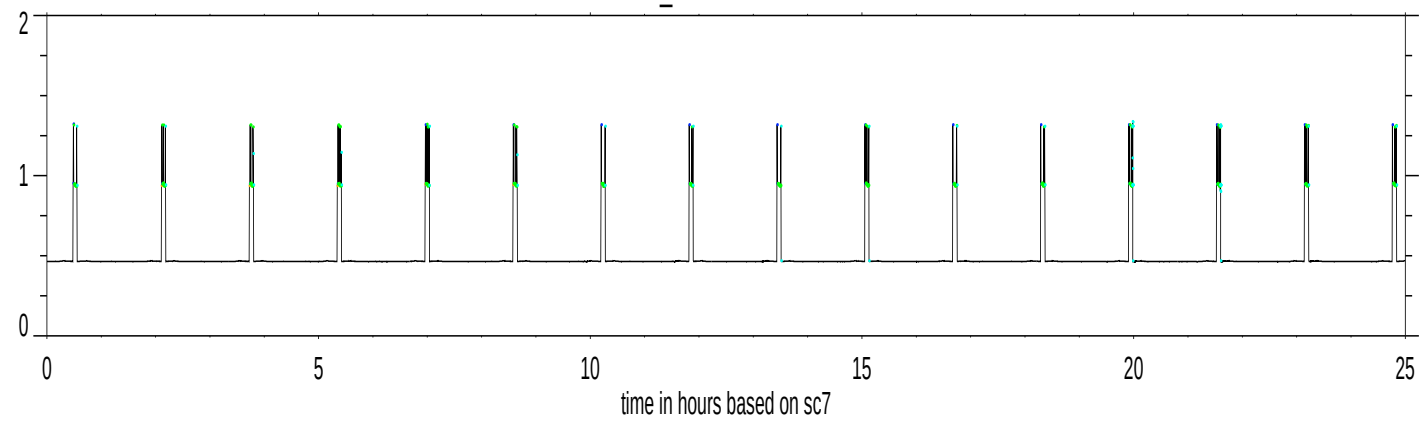

egs_door_pos (0=off, 1/2=close/open, 5/6=error)
time in hours from 0 UT 2017277


stat_xps_cnt
time in hours from 0 UT 2017277

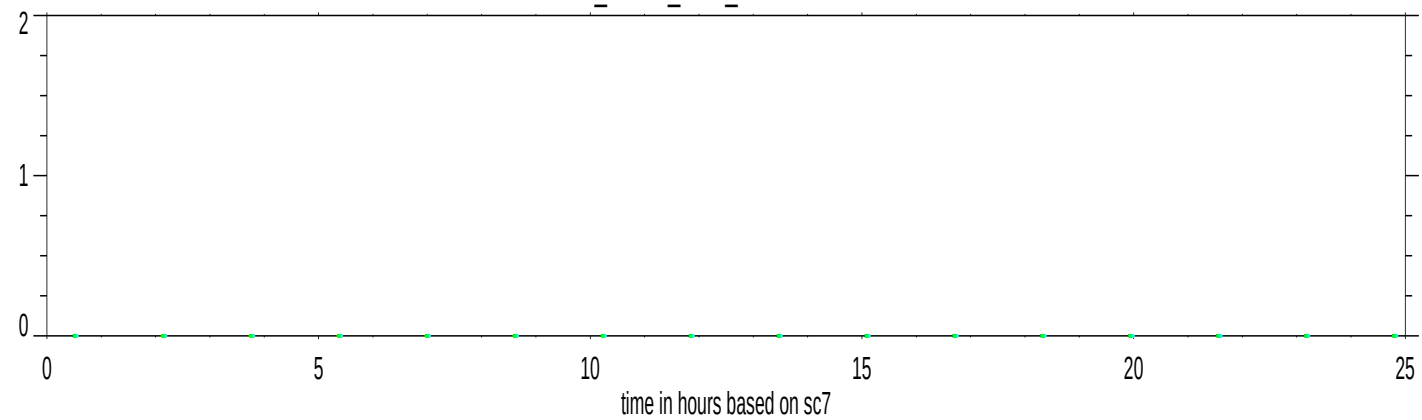

stat_xps_num
time in hours from 0 UT 2017277


stat_cmp_pwr
egs
xps
sspp
mu
time in hours from 0 UT 2017277

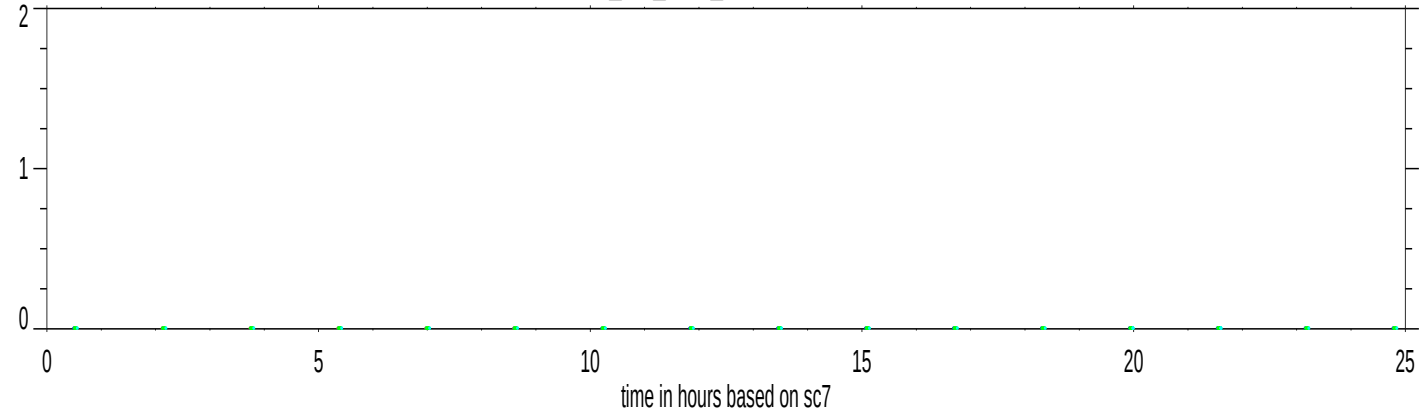
SEE_CUR 2017277



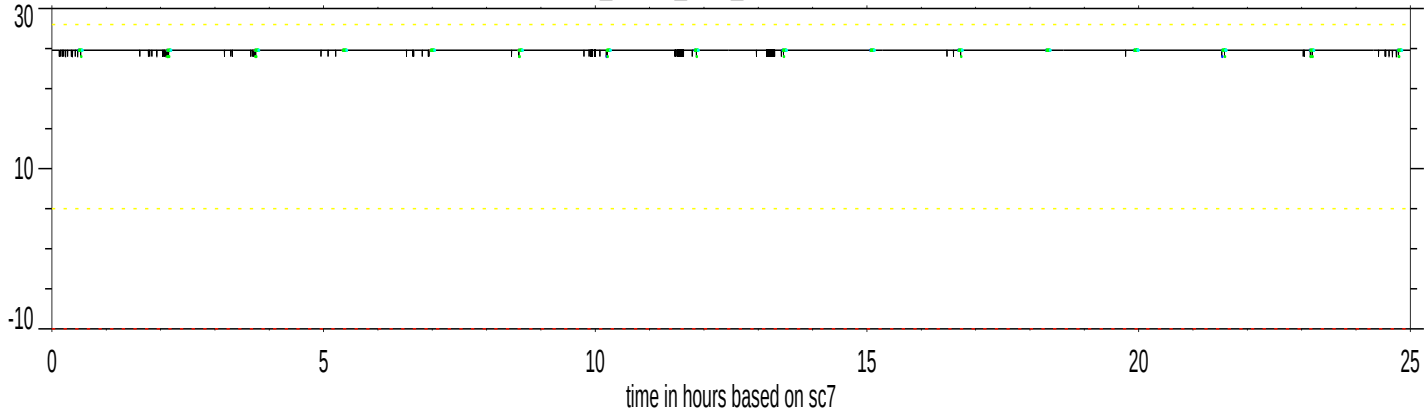
SEE_SURV_HTR_CUR 2017277



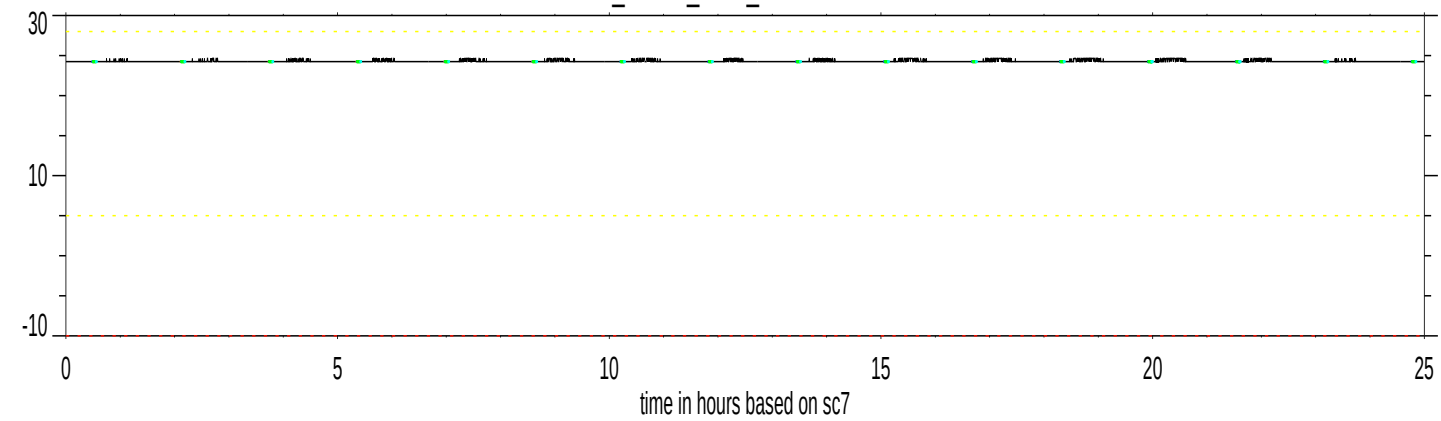
SEE_OP_HTR_CUR 2017277



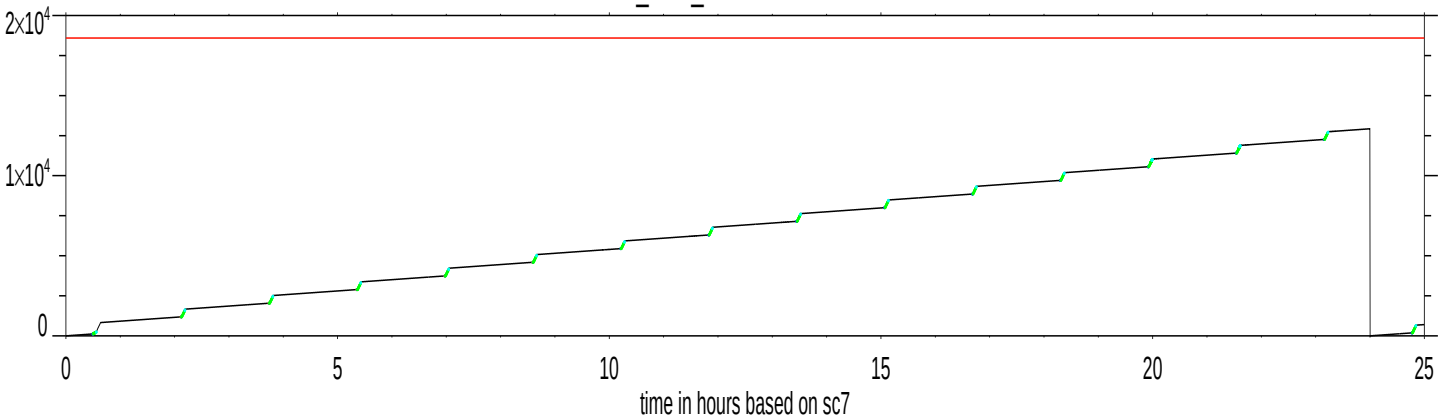
SSPP_BHND_XPS_TEMP 2017277



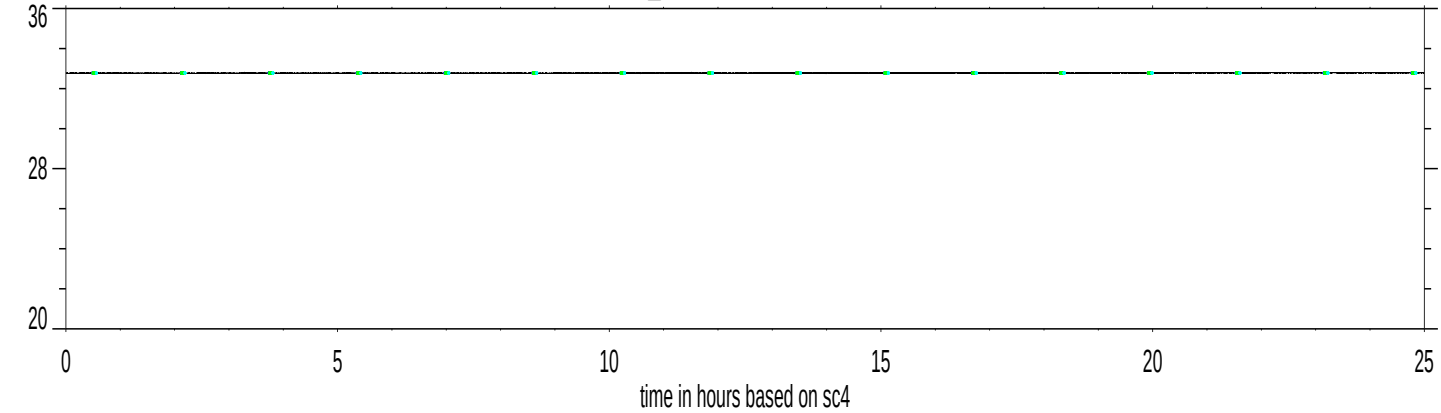
SSPP_BHND_MTR_TEMP 2017277



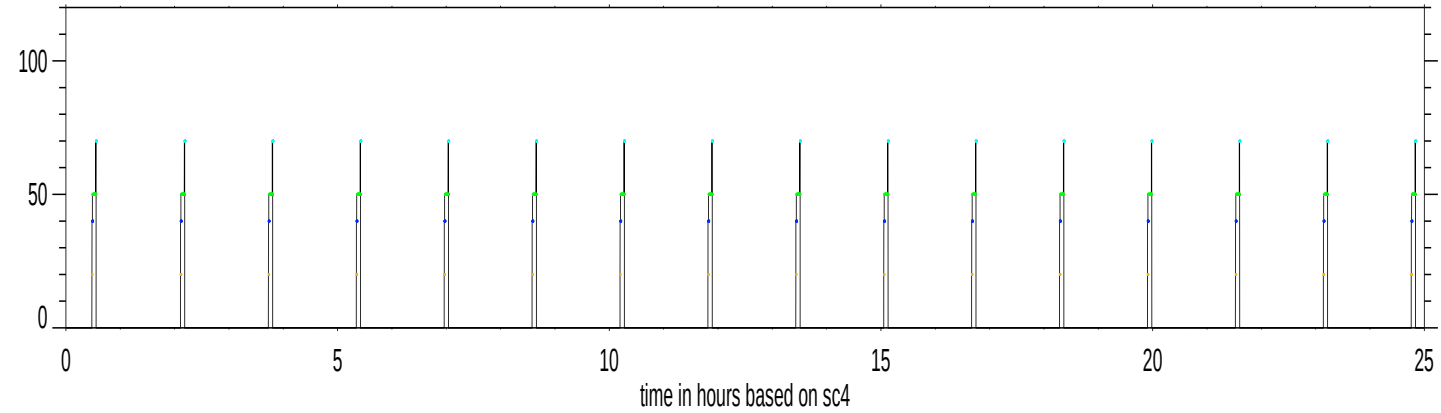
SEE_PKT_COUNT 2017277

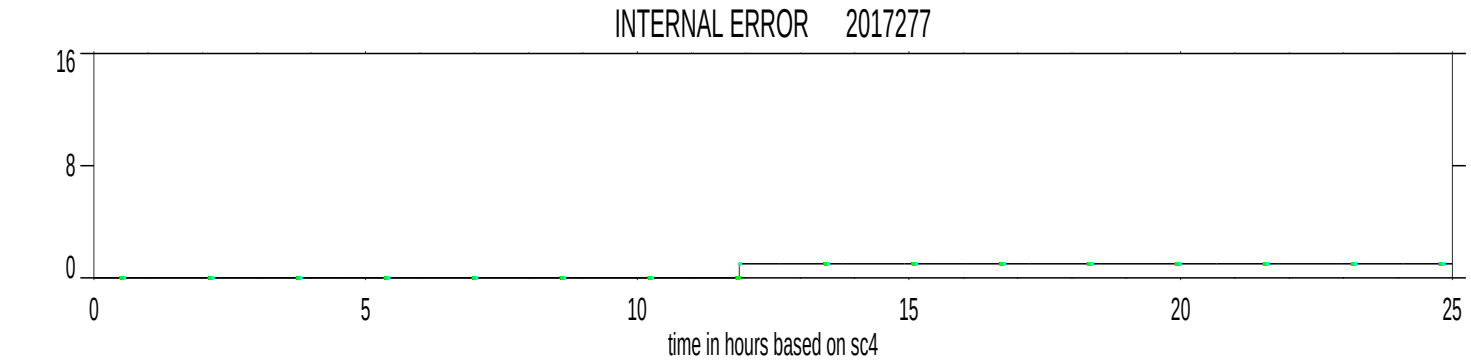


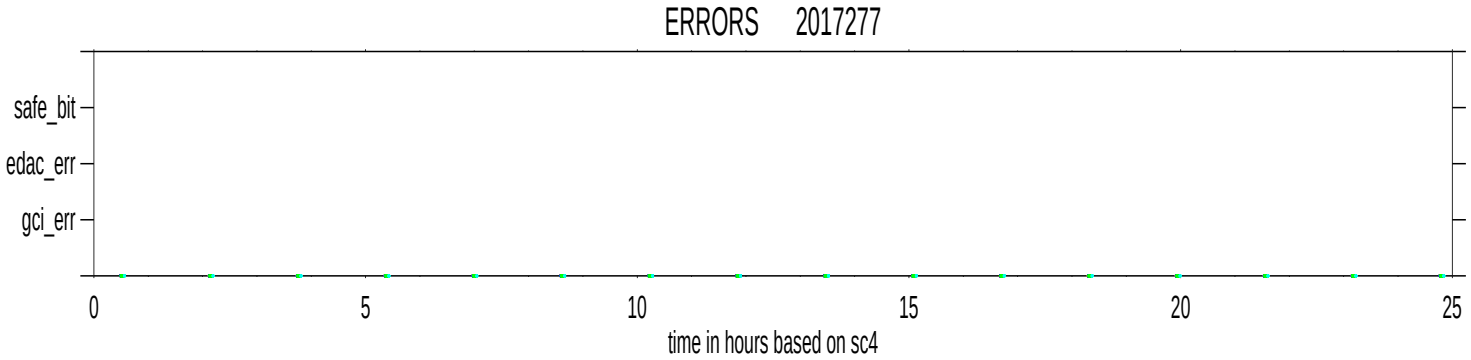
BUS_VOLTAGE 2017277

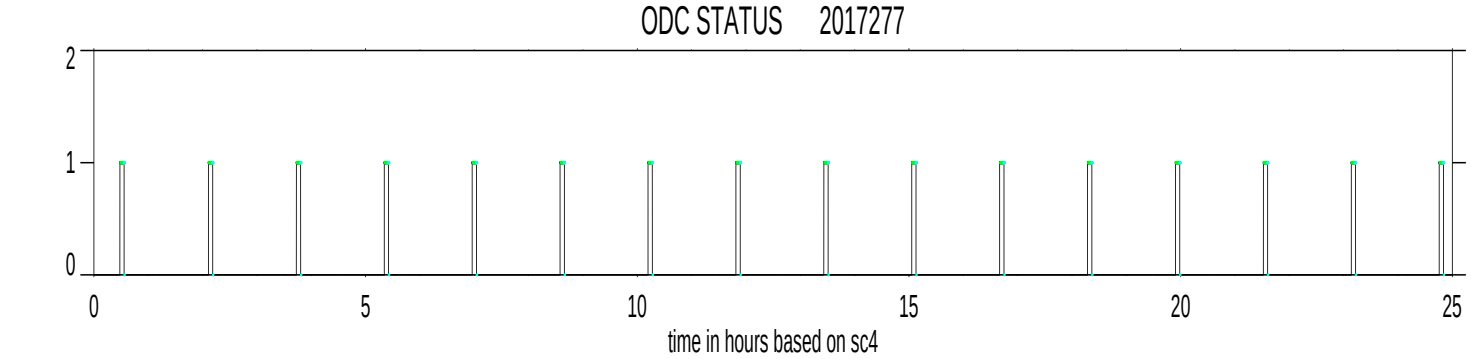


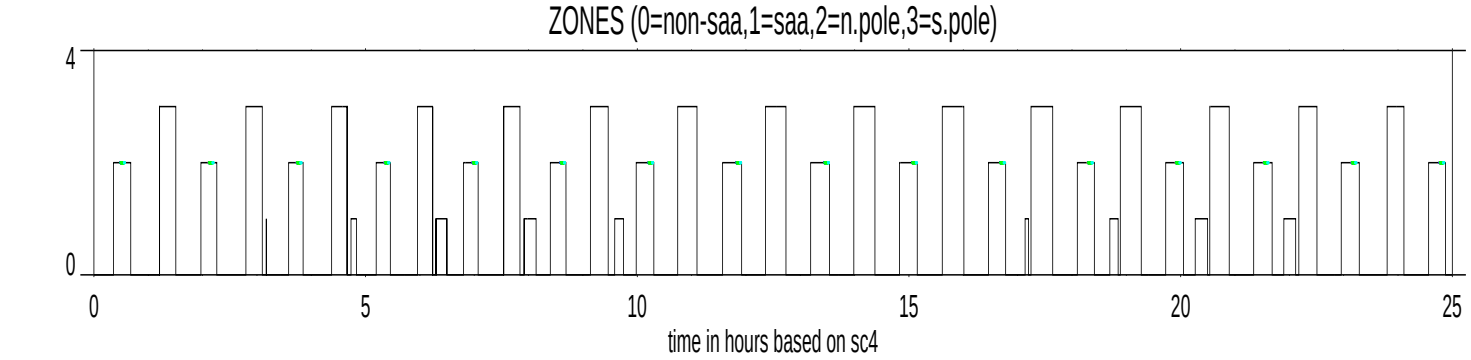
SEE_MU Operational Mode 2017277

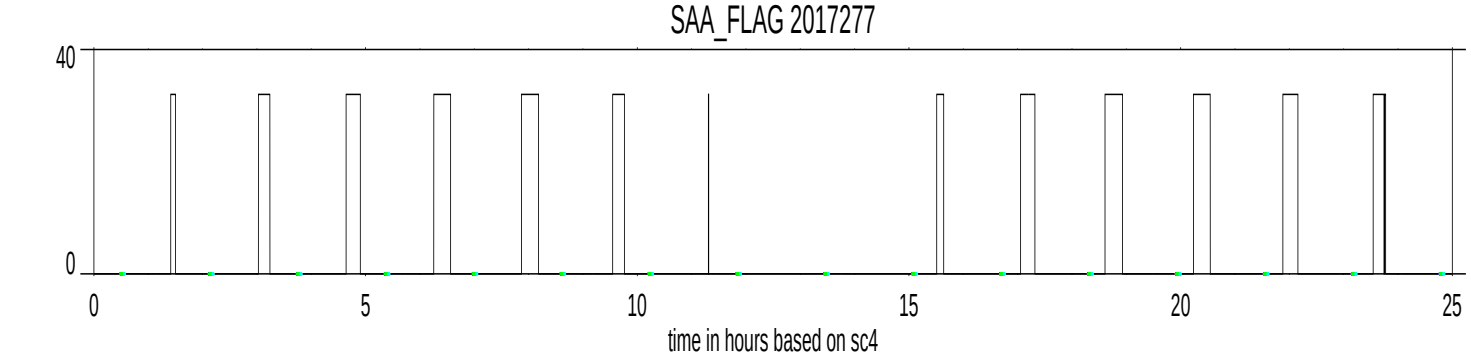


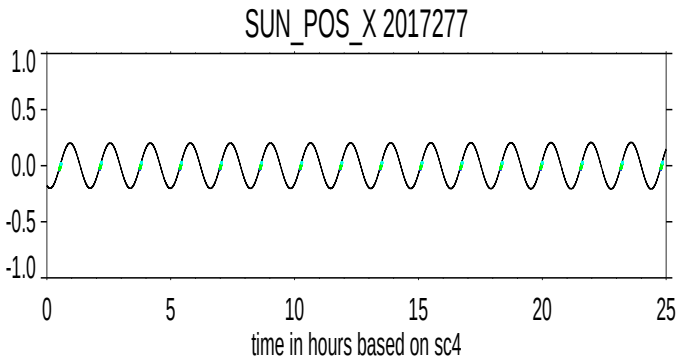

INTERNAL ERROR 2017277
16
8
0
0
5
10
15
20
25
time in hours based on sc4

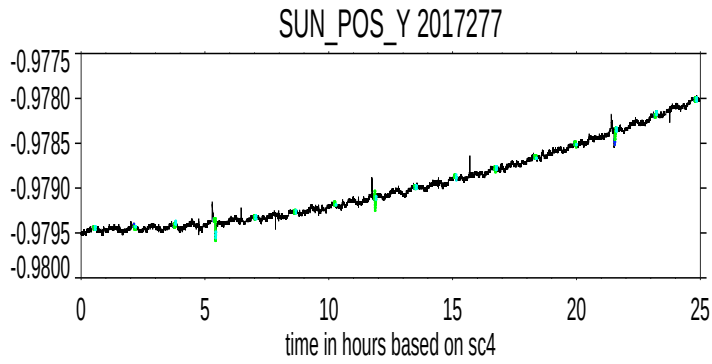

ERRORS 2017277
safe_bit
edac_err
gci_err
0
5
10
15
20
25
time in hours based on sc4

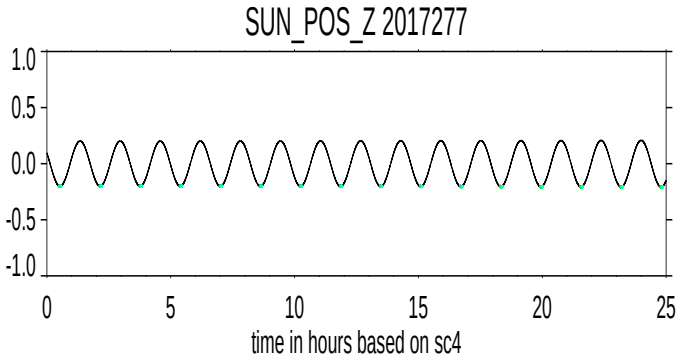

ODC STATUS 2017277
2
1
0
0
5
10
15
20
25
time in hours based on sc4

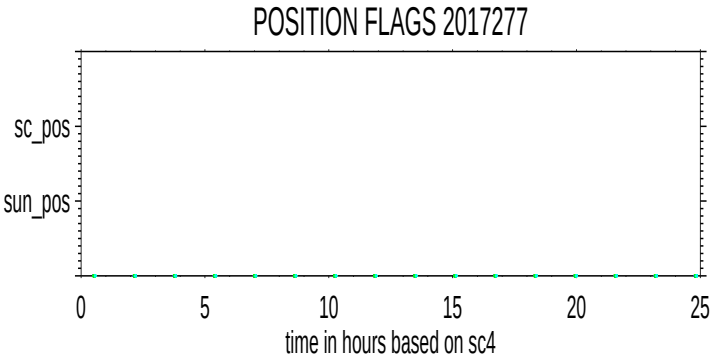

ZONES (0=non-saa,1=saa,2=n.pole,3=s.pole)
4
0
0
5
10
15
20
25
time in hours based on sc4

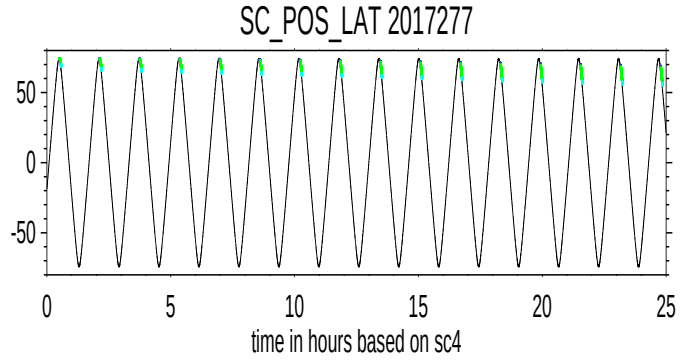

SAA_FLAG 2017277
40
0
0
5
10
15
20
25
time in hours based on sc4

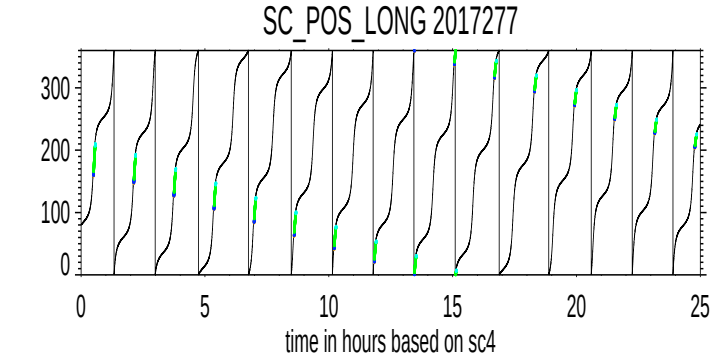

SUN_POS_X 2017277
1.0
0.5
0.0
-0.5
-1.0
0
5
10
15
20
25
time in hours based on sc4

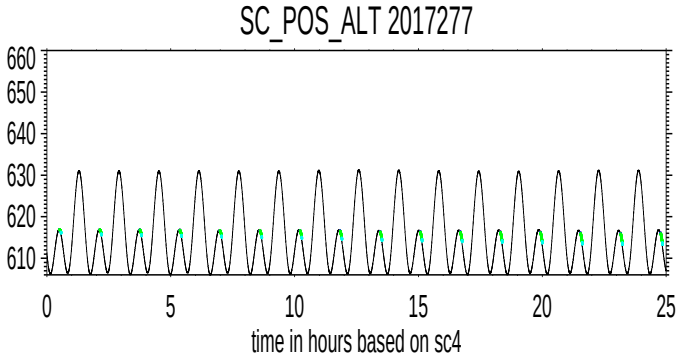

SUN_POS_Y 2017277
-0.9775
-0.9780
-0.9785
-0.9790
-0.9795
-0.9800
0
5
10
15
20
25
time in hours based on sc4

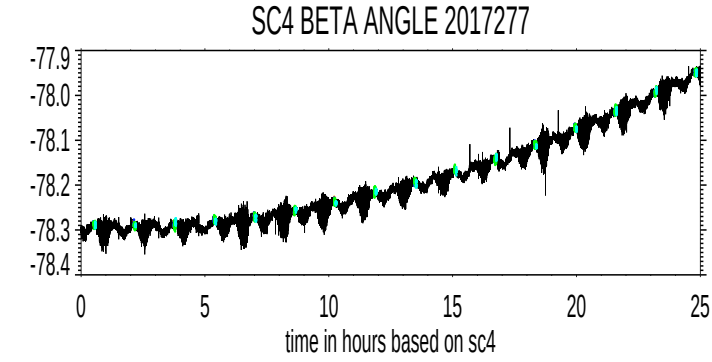

SUN_POS_Z 2017277
1.0
0.5
0.0
-0.5
-1.0
0
5
10
15
20
25
time in hours based on sc4


POSITION FLAGS 2017277
sc_pos
sun_pos
0
5
10
15
20
25
time in hours based on sc4


SC_POS_LAT 2017277
50
0
-50
0
5
10
15
20
25
time in hours based on sc4


SC_POS_LONG 2017277
300
200
100
0
0
5
10
15
20
25
time in hours based on sc4


SC_POS_ALT 2017277
660
650
640
630
620
610
0
5
10
15
20
25
time in hours based on sc4


SC4 BETA ANGLE 2017277
-77.9
-78.0
-78.1
-78.2
-78.3
-78.4
0
5
10
15
20
25
time in hours based on sc4