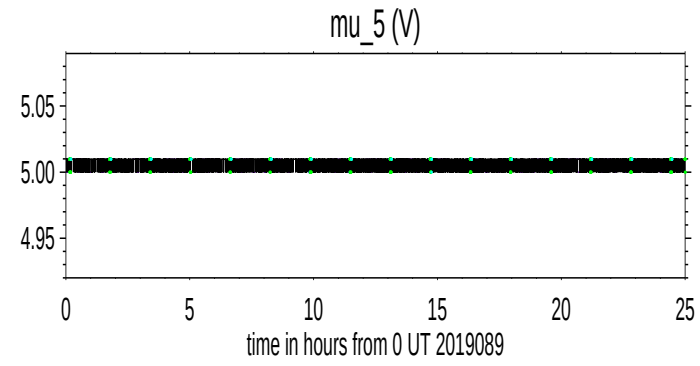
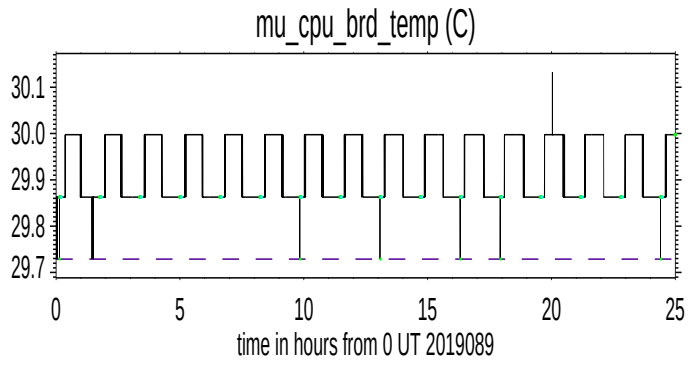
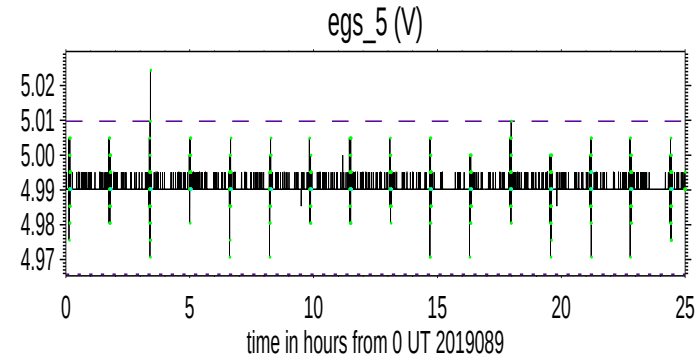
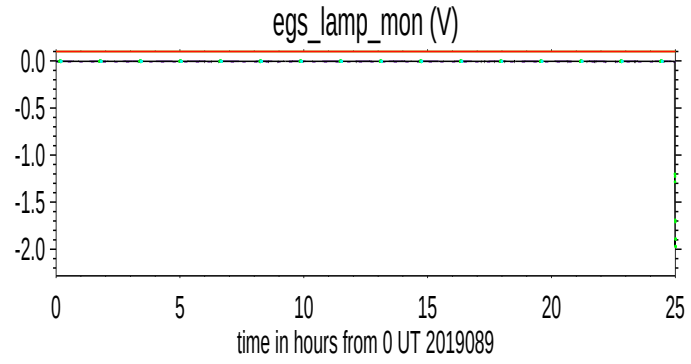
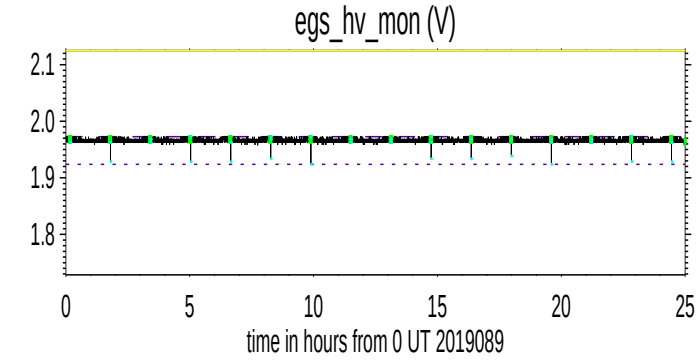
```
Information for      2019089
11:13:28.001: see_stat[1]: 3 internal error
```

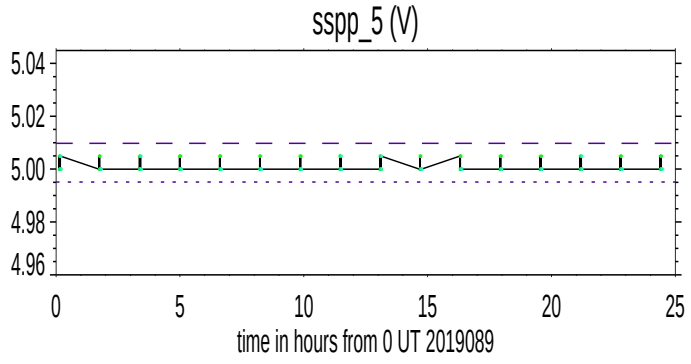

mu_5 (V)
5.05
5.00
4.95
0
5
10
15
20
25
time in hours from 0 UT 2019089

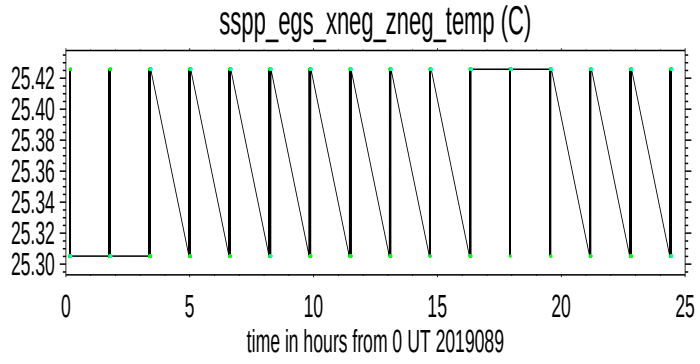

mu_cpu_brd_temp (C)
30.1
30.0
29.9
29.8
29.7
0
5
10
15
20
25
time in hours from 0 UT 2019089

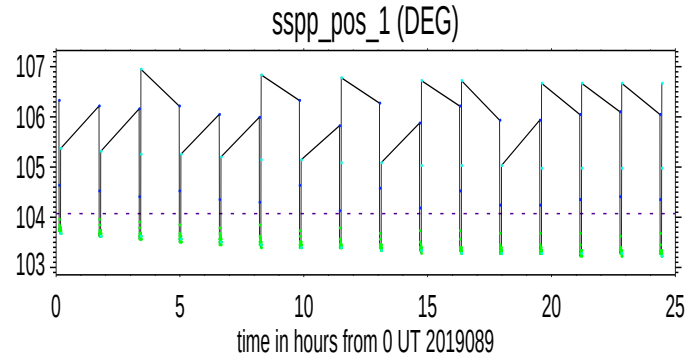

egs_5 (V)
5.02
5.01
5.00
4.99
4.98
4.97
0
5
10
15
20
25
time in hours from 0 UT 2019089

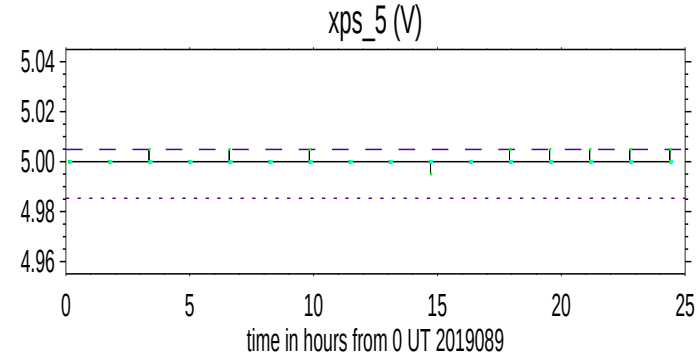

egs_lamp_mon (V)
0.0
-0.5
-1.0
-1.5
-2.0
0
5
10
15
20
25
time in hours from 0 UT 2019089

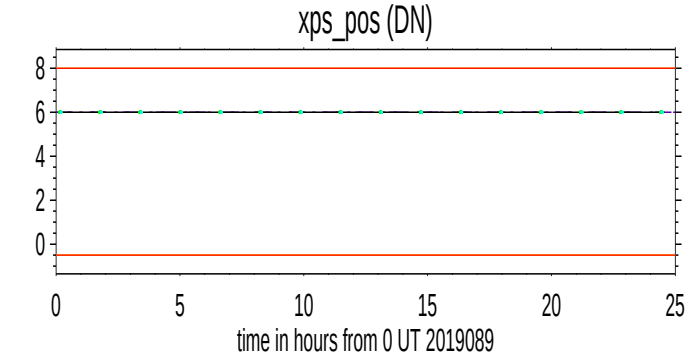

egs_hv_mon (V)
2.1
2.0
1.9
1.8
0
5
10
15
20
25
time in hours from 0 UT 2019089

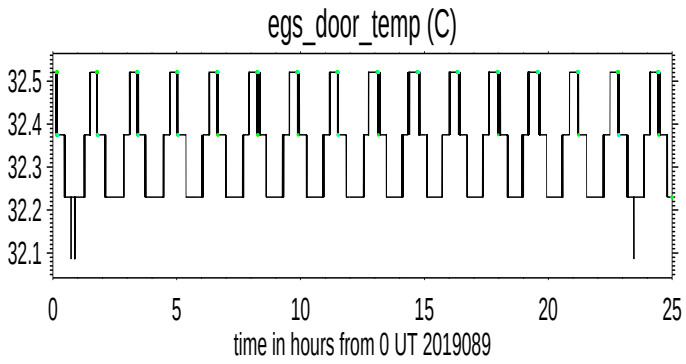

sspp_5 (V)
5.04
5.02
5.00
4.98
4.96
0
5
10
15
20
25
time in hours from 0 UT 2019089

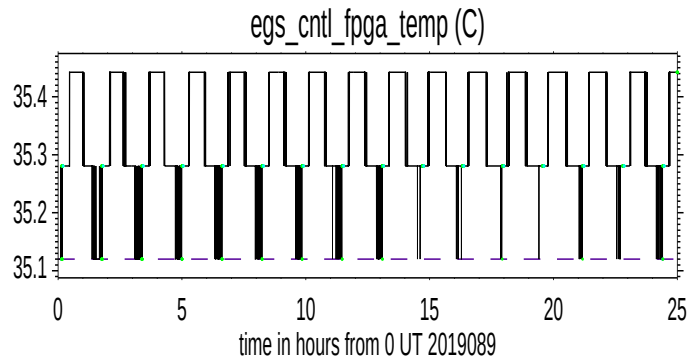

sspp_egs_xneg_zneg_temp (C)
25.42
25.40
25.38
25.36
25.34
25.32
25.30
0
5
10
15
20
25
time in hours from 0 UT 2019089

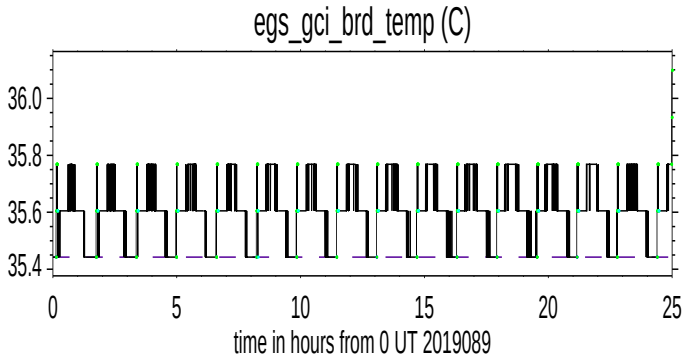

sspp_pos_1 (DEG)
107
106
105
104
103
0
5
10
15
20
25
time in hours from 0 UT 2019089

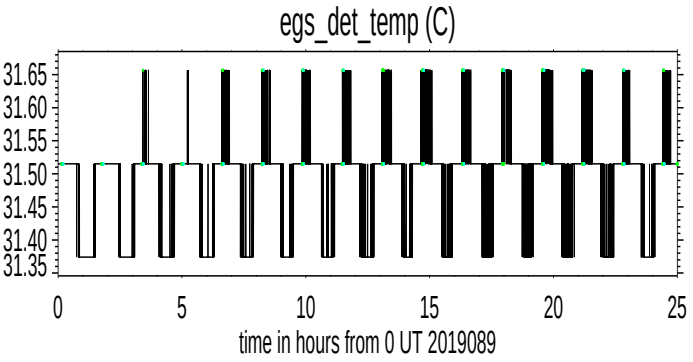

xps_5 (V)
5.04
5.02
5.00
4.98
4.96
0
5
10
15
20
25
time in hours from 0 UT 2019089

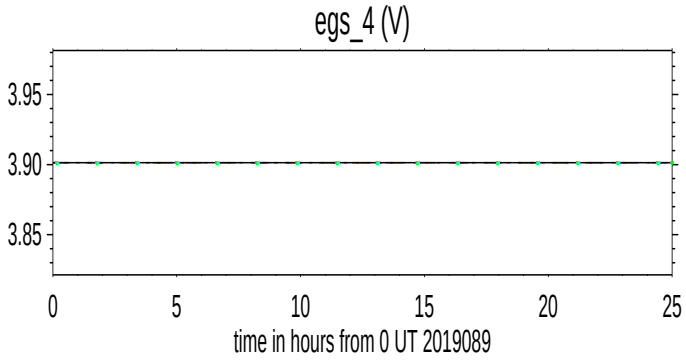

xps_pos (DN)
8
6
4
2
0
0
5
10
15
20
25
time in hours from 0 UT 2019089

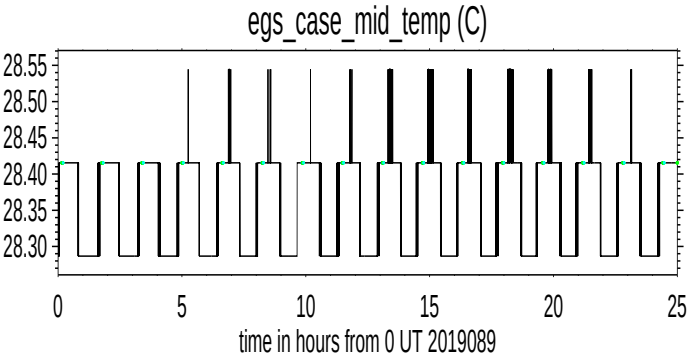

egs_door_temp (C)
32.5
32.4
32.3
32.2
32.1
0
5
10
15
20
25
time in hours from 0 UT 2019089

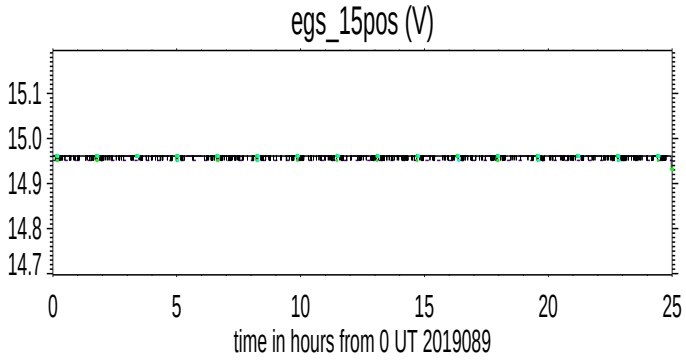

egs_cntl_fpga_temp (C)
35.4
35.3
35.2
35.1
0
5
10
15
20
25
time in hours from 0 UT 2019089

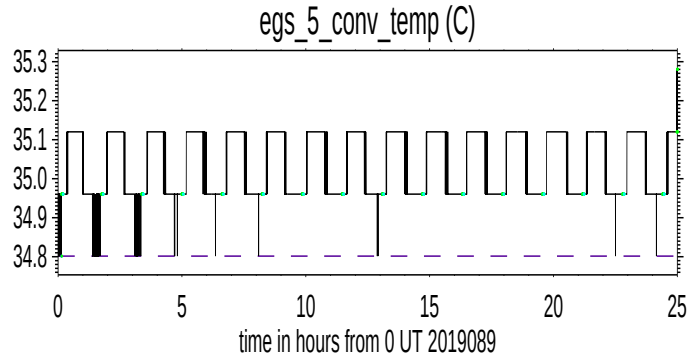

egs_gci_brd_temp (C)
36.0
35.8
35.6
35.4
0
5
10
15
20
25
time in hours from 0 UT 2019089

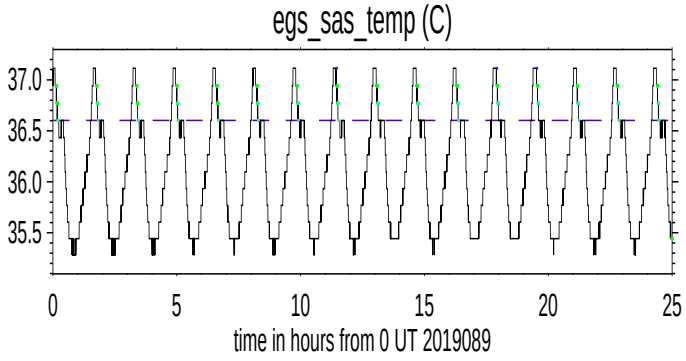

egs_det_temp (C)
31.65
31.60
31.55
31.50
31.45
31.40
31.35
0
5
10
15
20
25
time in hours from 0 UT 2019089

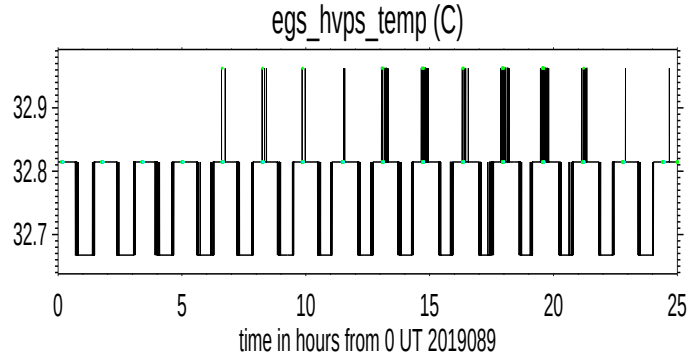

egs_4 (V)
3.95
3.90
3.85
0
5
10
15
20
25
time in hours from 0 UT 2019089

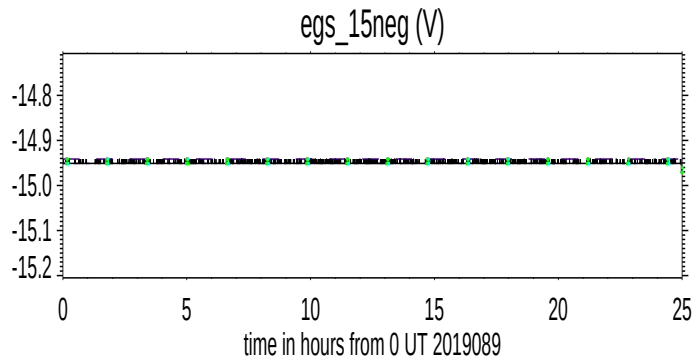

egs_case_mid_temp (C)
28.55
28.50
28.45
28.40
28.35
28.30
0
5
10
15
20
25
time in hours from 0 UT 2019089

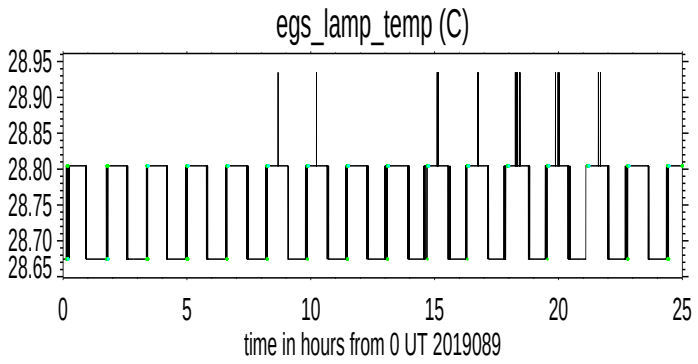

egs_15pos (V)
15.1
15.0
14.9
14.8
14.7
0
5
10
15
20
25
time in hours from 0 UT 2019089

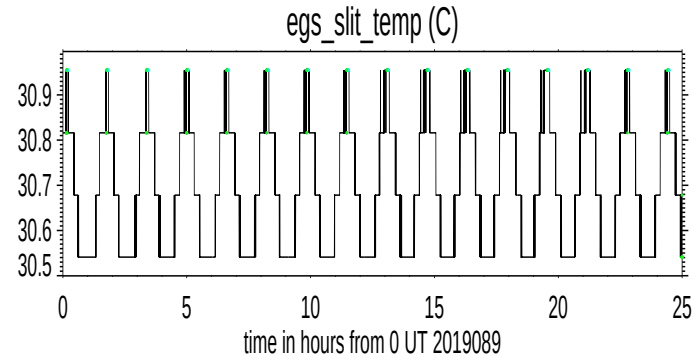

egs_5_conv_temp (C)
35.3
35.2
35.1
35.0
34.9
34.8
0
5
10
15
20
25
time in hours from 0 UT 2019089

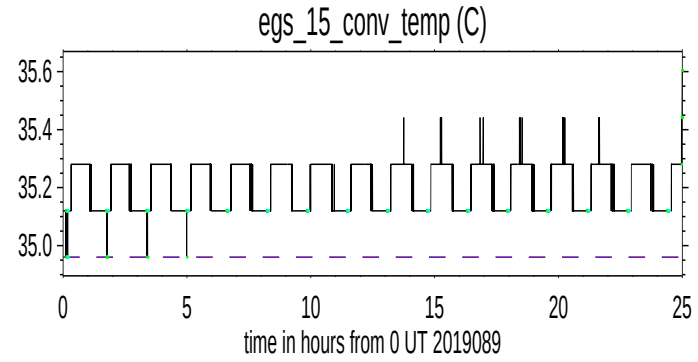

egs_sas_temp (C)
37.0
36.5
36.0
35.5
0
5
10
15
20
25
time in hours from 0 UT 2019089

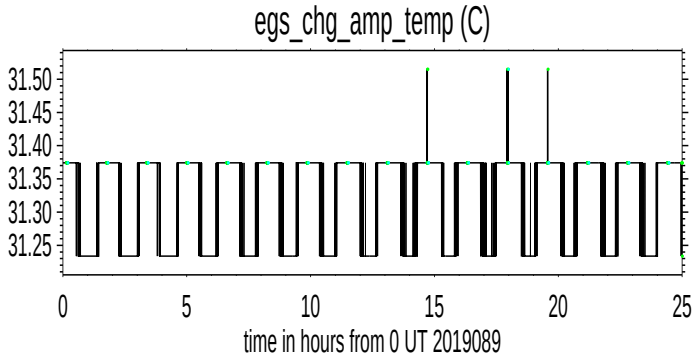

egs_hvps_temp (C)
32.9
32.8
32.7
0
5
10
15
20
25
time in hours from 0 UT 2019089

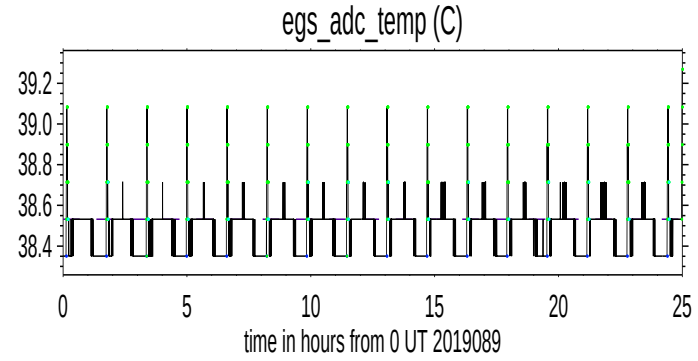

egs_15neg (V)
-14.8
-14.9
-15.0
-15.1
-15.2
0
5
10
15
20
25
time in hours from 0 UT 2019089

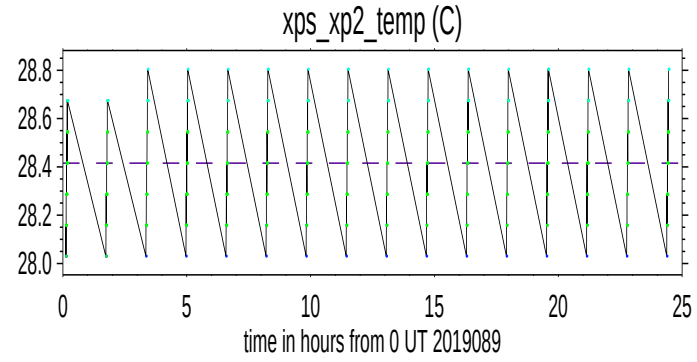

egs_lamp_temp (C)
28.95
28.90
28.85
28.80
28.75
28.70
28.65
0
5
10
15
20
25
time in hours from 0 UT 2019089

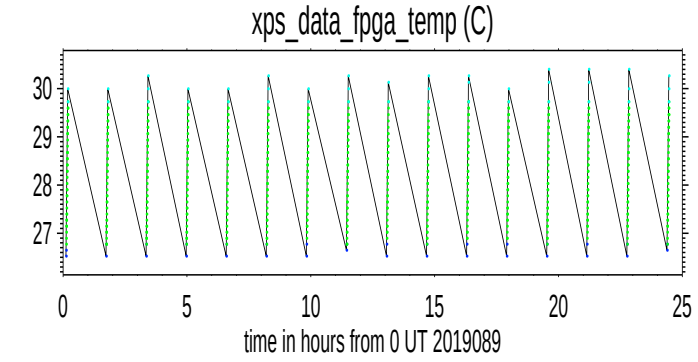

egs_slit_temp (C)
30.9
30.8
30.7
30.6
30.5
0
5
10
15
20
25
time in hours from 0 UT 2019089

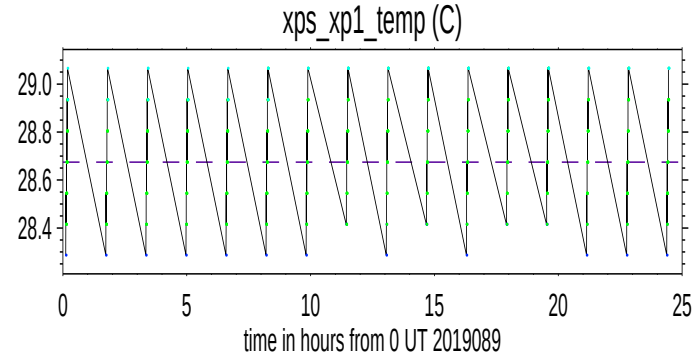

egs_15_conv_temp (C)
35.6
35.4
35.2
35.0
0
5
10
15
20
25
time in hours from 0 UT 2019089

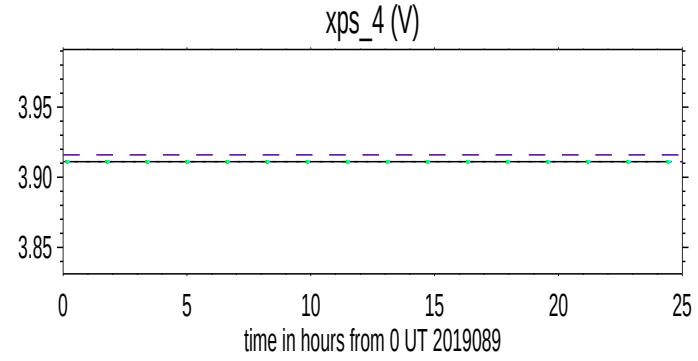

egs_chg_amp_temp (C)
31.50
31.45
31.40
31.35
31.30
31.25
0
5
10
15
20
25
time in hours from 0 UT 2019089

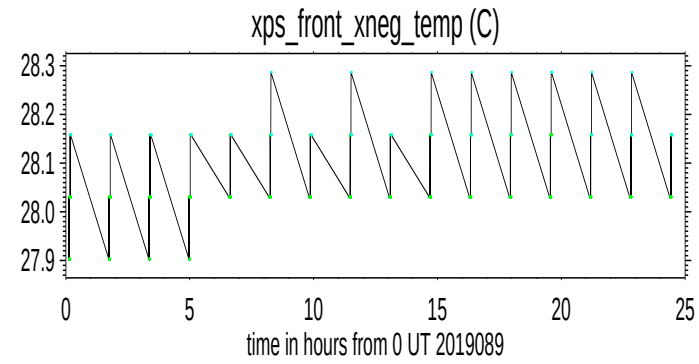

egs_adc_temp (C)
39.2
39.0
38.8
38.6
38.4
0
5
10
15
20
25
time in hours from 0 UT 2019089

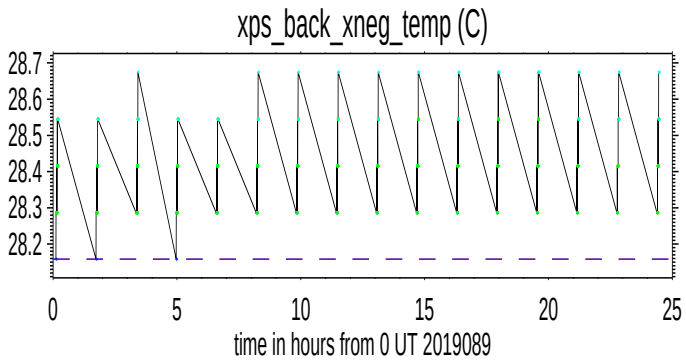

xps_xp2_temp (C)
28.8
28.6
28.4
28.2
28.0
0
5
10
15
20
25
time in hours from 0 UT 2019089

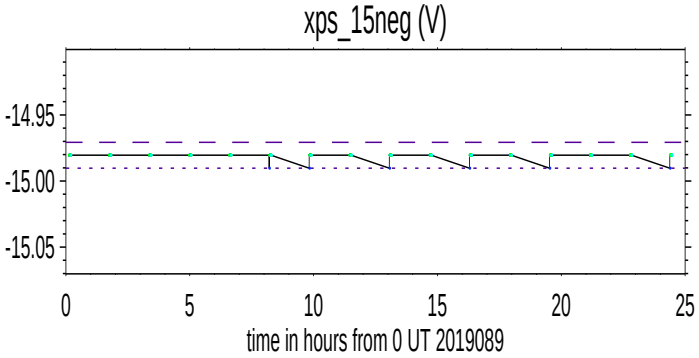

xps_data_fpga_temp (C)
30
29
28
27
0
5
10
15
20
25
time in hours from 0 UT 2019089

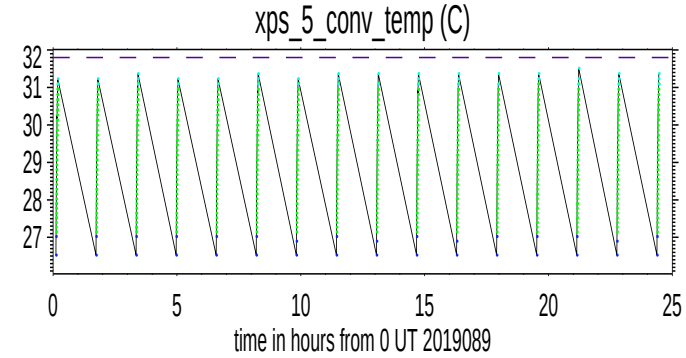

xps_xp1_temp (C)
29.0
28.8
28.6
28.4
0
5
10
15
20
25
time in hours from 0 UT 2019089

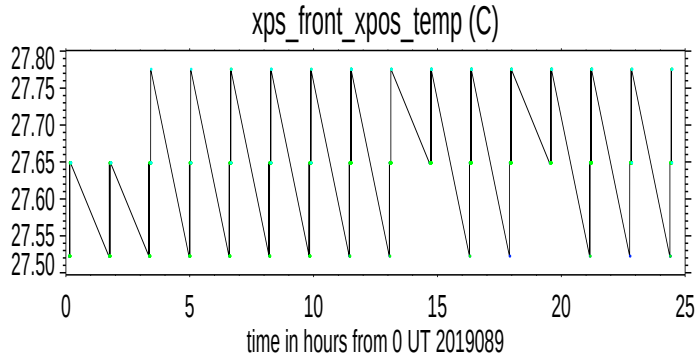

xps_4 (V)
3.95
3.90
3.85
0
5
10
15
20
25
time in hours from 0 UT 2019089

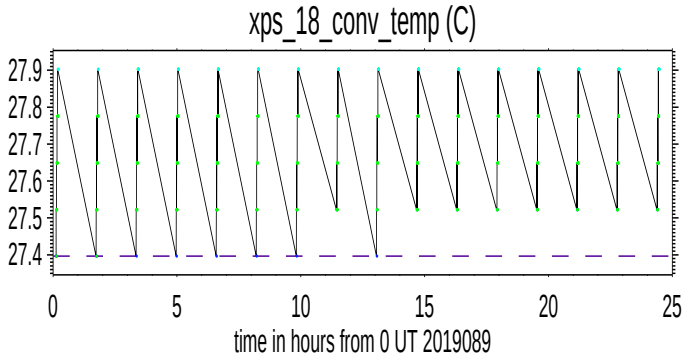

xps_front_xneg_temp (C)
28.3
28.2
28.1
28.0
27.9
0
5
10
15
20
25
time in hours from 0 UT 2019089

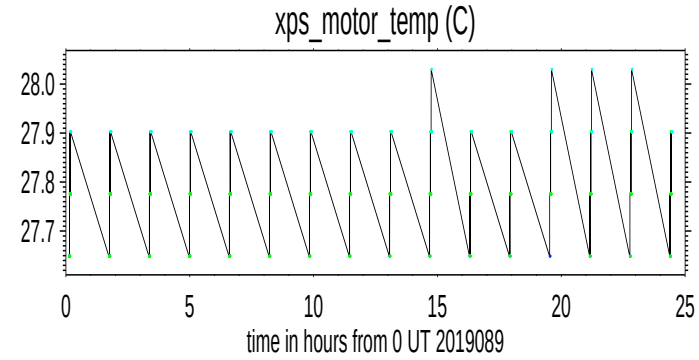

xps_back_xneg_temp (C)
28.7
28.6
28.5
28.4
28.3
28.2
0
5
10
15
20
25
time in hours from 0 UT 2019089

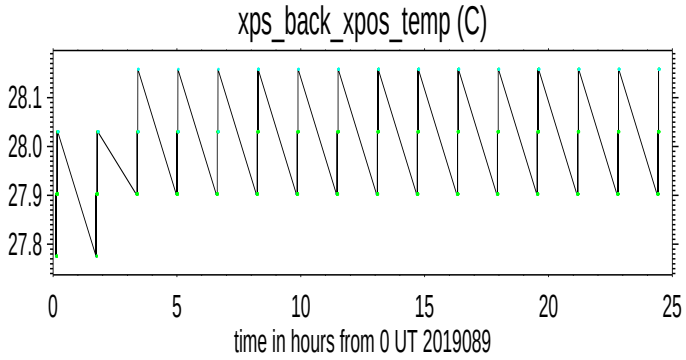

xps_15neg (V)
-14.95
-15.00
-15.05
0
5
10
15
20
25
time in hours from 0 UT 2019089

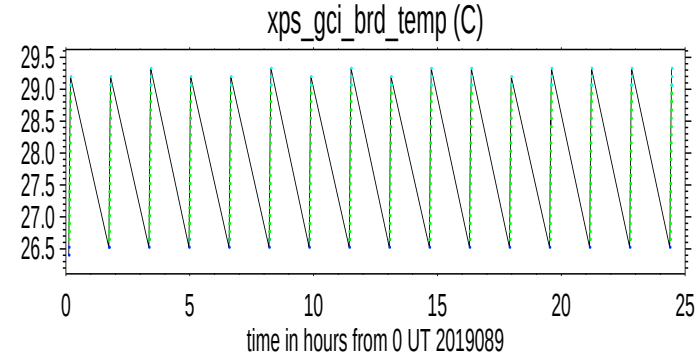

xps_5_conv_temp (C)
32
31
30
29
28
27
0
5
10
15
20
25
time in hours from 0 UT 2019089

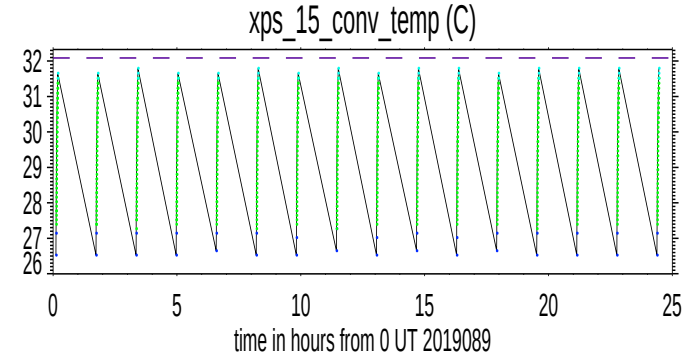

xps_front_xpos_temp (C)
27.80
27.75
27.70
27.65
27.60
27.55
27.50
0
5
10
15
20
25
time in hours from 0 UT 2019089

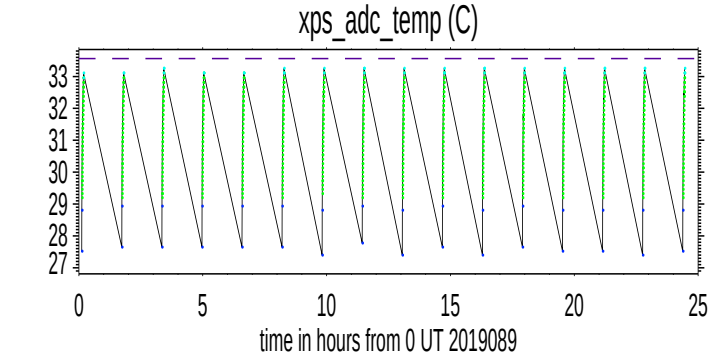

xps_18_conv_temp (C)
27.9
27.8
27.7
27.6
27.5
27.4
0
5
10
15
20
25
time in hours from 0 UT 2019089

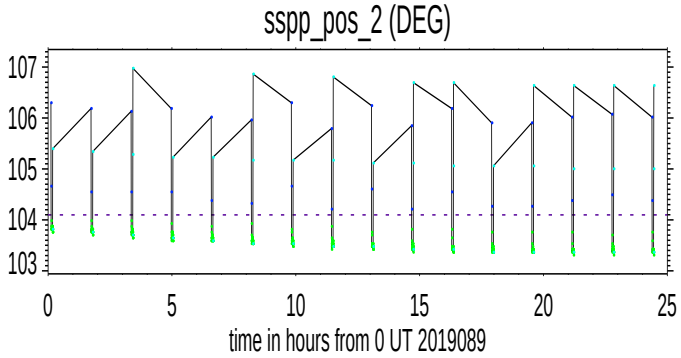

xps_motor_temp (C)
28.0
27.9
27.8
27.7
0
5
10
15
20
25
time in hours from 0 UT 2019089

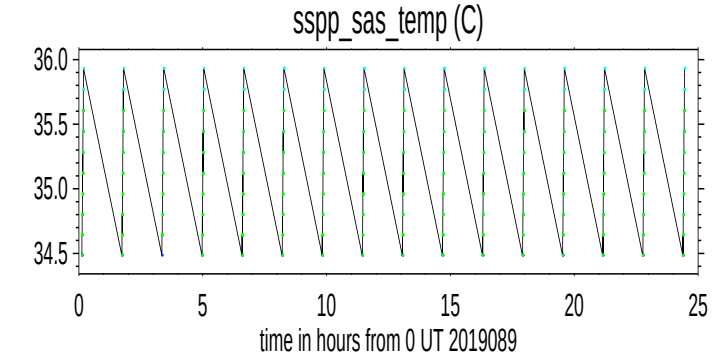

xps_back_xpos_temp (C)
28.1
28.0
27.9
27.8
0
5
10
15
20
25
time in hours from 0 UT 2019089

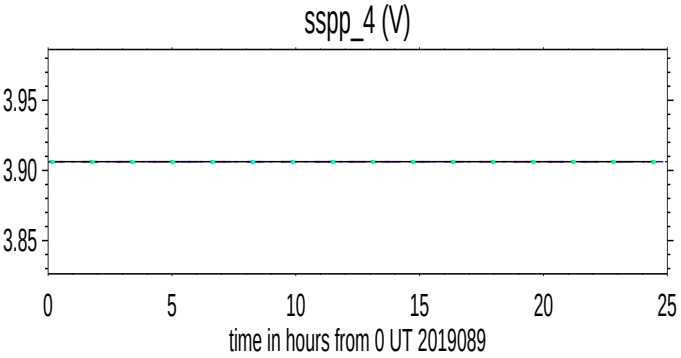

xps_gci_brd_temp (C)
29.5
29.0
28.5
28.0
27.5
27.0
26.5
0
5
10
15
20
25
time in hours from 0 UT 2019089

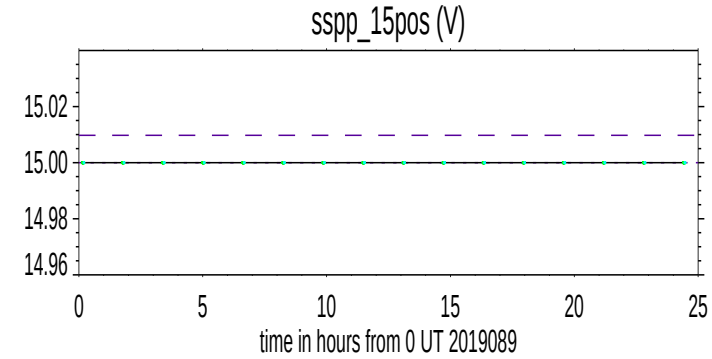

xps_15_conv_temp (C)
32
31
30
29
28
27
26
0
5
10
15
20
25
time in hours from 0 UT 2019089

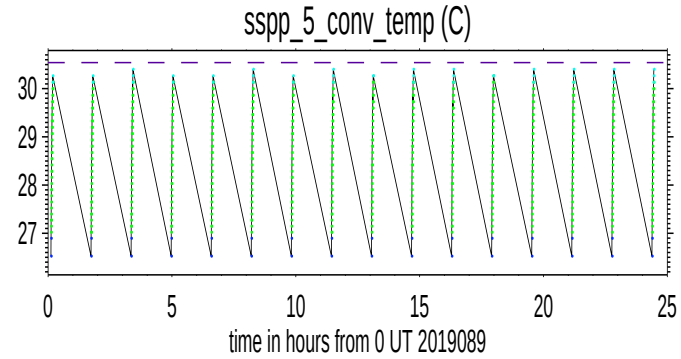

xps_adc_temp (C)
33
32
31
30
29
28
27
0
5
10
15
20
25
time in hours from 0 UT 2019089

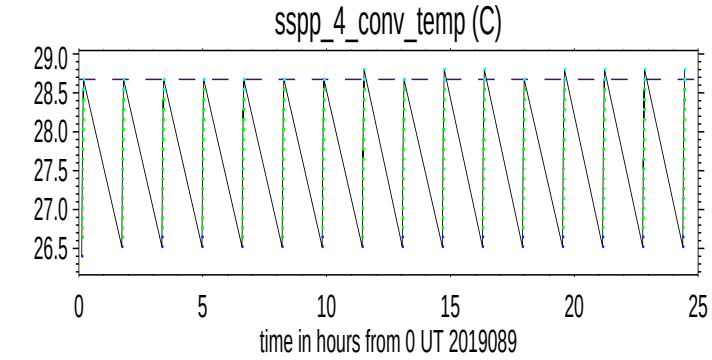

sspp_pos_2 (DEG)
107
106
105
104
103
0
5
10
15
20
25
time in hours from 0 UT 2019089

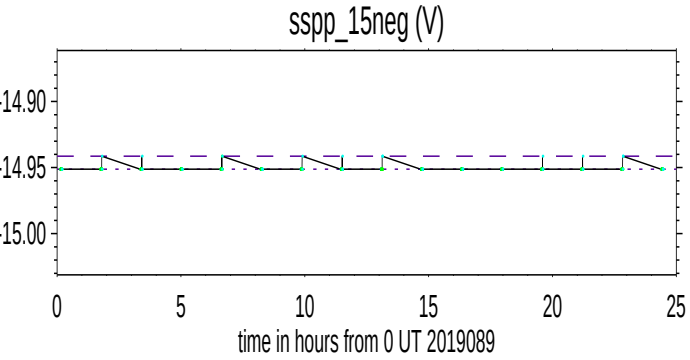

sspp_sas_temp (C)
36.0
35.5
35.0
34.5
0
5
10
15
20
25
time in hours from 0 UT 2019089

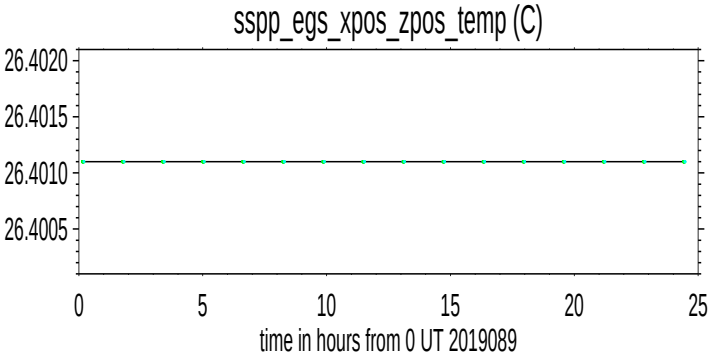

sspp_4 (V)
3.95
3.90
3.85
0
5
10
15
20
25
time in hours from 0 UT 2019089

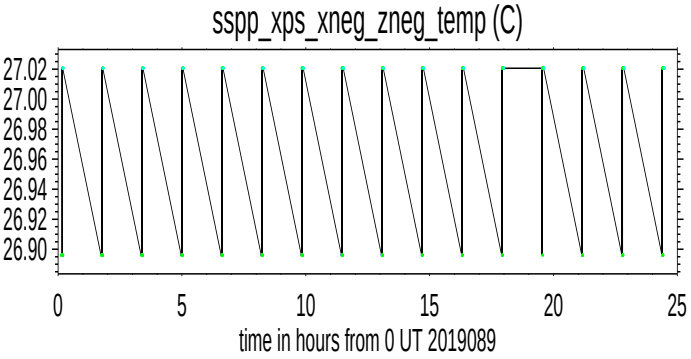

sspp_15pos (V)
15.02
15.00
14.98
14.96
0
5
10
15
20
25
time in hours from 0 UT 2019089

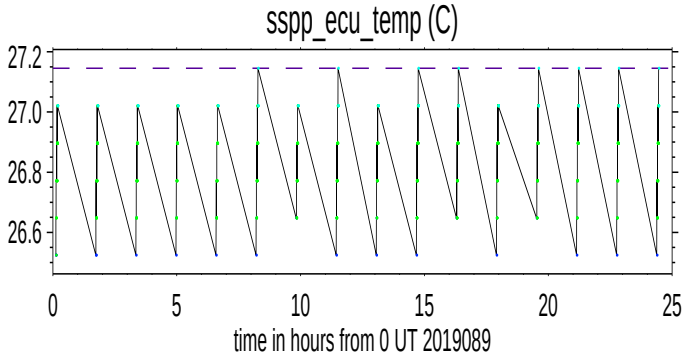

sspp_5_conv_temp (C)
30
29
28
27
0
5
10
15
20
25
time in hours from 0 UT 2019089

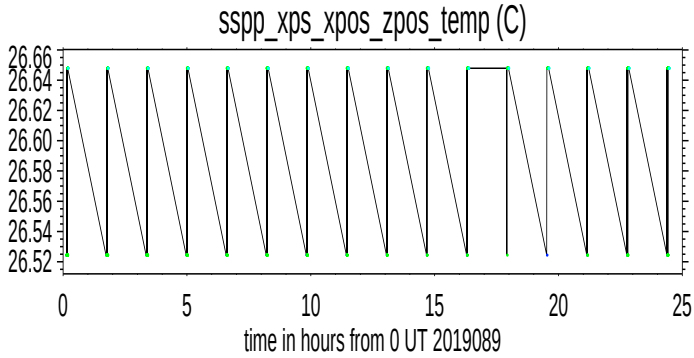

sspp_4_conv_temp (C)
29.0
28.5
28.0
27.5
27.0
26.5
0
5
10
15
20
25
time in hours from 0 UT 2019089

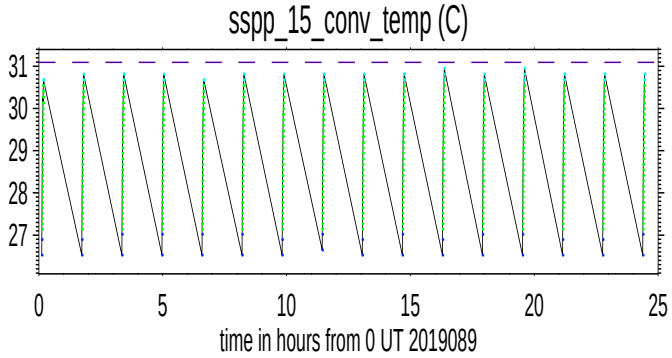

sspp_15neg (V)
-14.90
-14.95
-15.00
0
5
10
15
20
25
time in hours from 0 UT 2019089

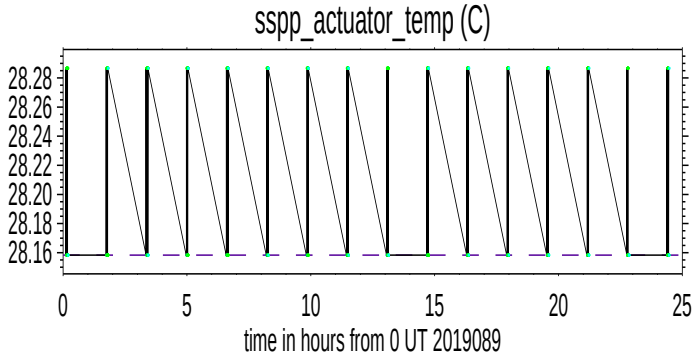

sspp_egs_xpos_zpos_temp (C)
26.4020
26.4015
26.4010
26.4005
0
5
10
15
20
25
time in hours from 0 UT 2019089

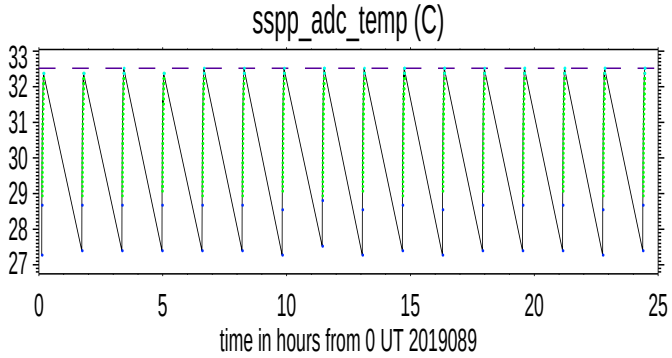

sspp_xps_xneg_zneg_temp (C)
27.02
27.00
26.98
26.96
26.94
26.92
26.90
0
5
10
15
20
25
time in hours from 0 UT 2019089

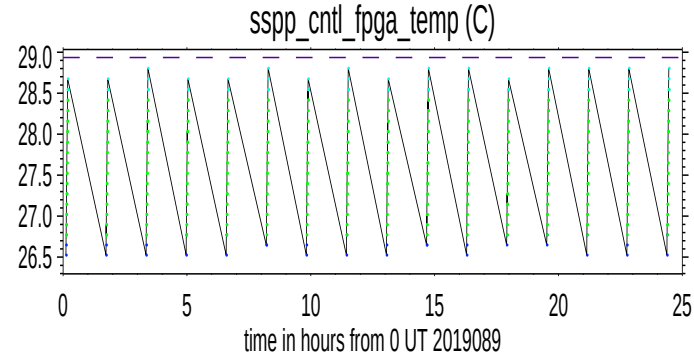

sspp_ecu_temp (C)
27.2
27.0
26.8
26.6
0
5
10
15
20
25
time in hours from 0 UT 2019089

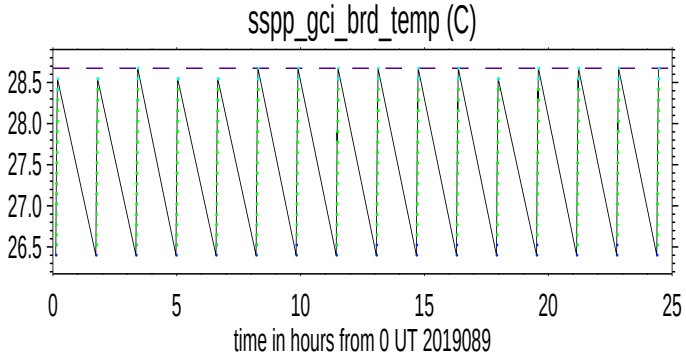

sspp_xps_xpos_zpos_temp (C)
26.66
26.64
26.62
26.60
26.58
26.56
26.54
26.52
0
5
10
15
20
25
time in hours from 0 UT 2019089

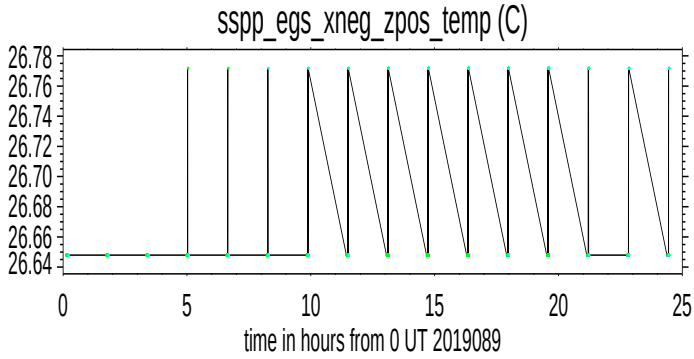

sspp_15_conv_temp (C)
31
30
29
28
27
0
5
10
15
20
25
time in hours from 0 UT 2019089

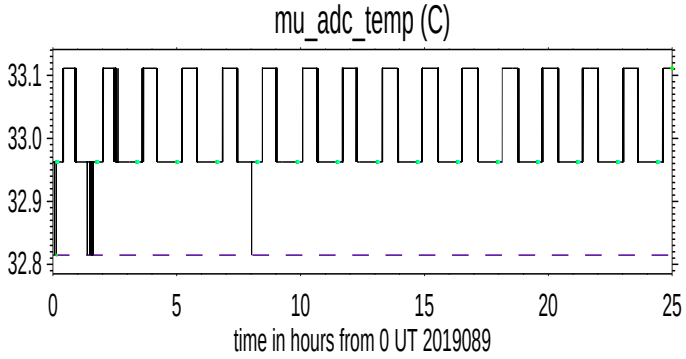

sspp_actuator_temp (C)
28.28
28.26
28.24
28.22
28.20
28.18
28.16
0
5
10
15
20
25
time in hours from 0 UT 2019089

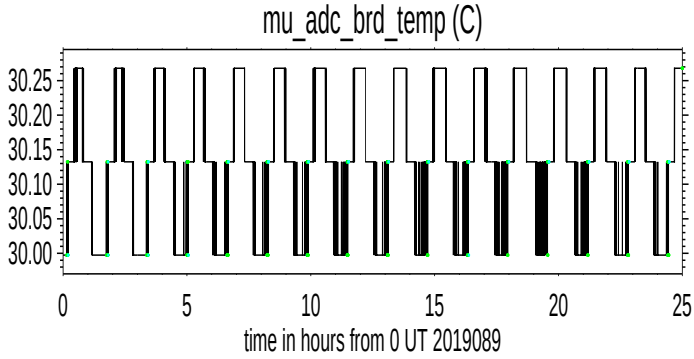

sspp_adc_temp (C)
33
32
31
30
29
28
27
0
5
10
15
20
25
time in hours from 0 UT 2019089

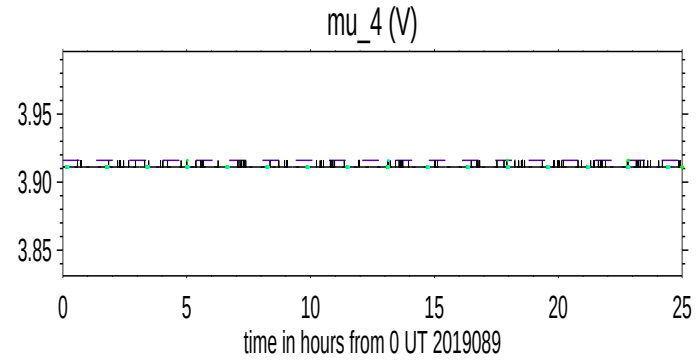

sspp_cntl_fpga_temp (C)
29.0
28.5
28.0
27.5
27.0
26.5
0
5
10
15
20
25
time in hours from 0 UT 2019089

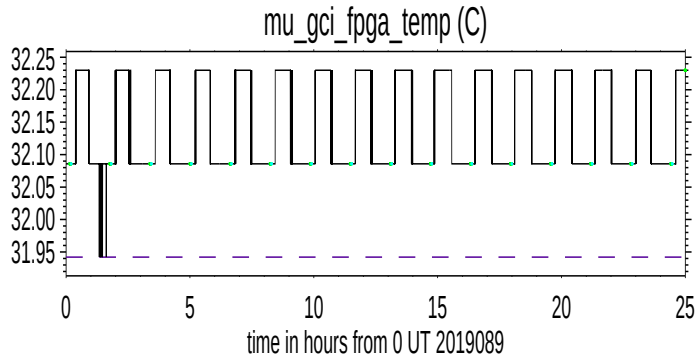

sspp_gci_brd_temp (C)
28.5
28.0
27.5
27.0
26.5
0
5
10
15
20
25
time in hours from 0 UT 2019089

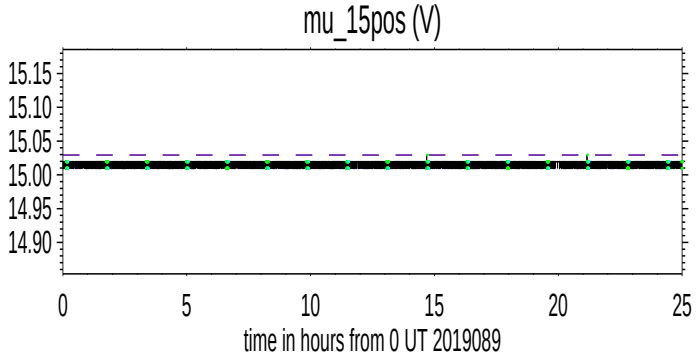

sspp_egs_xneg_zpos_temp (C)
26.78
26.76
26.74
26.72
26.70
26.68
26.66
26.64
0
5
10
15
20
25
time in hours from 0 UT 2019089

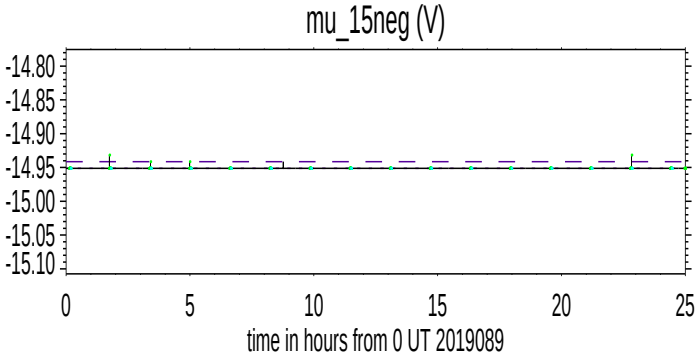

mu_adc_temp (C)
33.1
33.0
32.9
32.8
0
5
10
15
20
25
time in hours from 0 UT 2019089

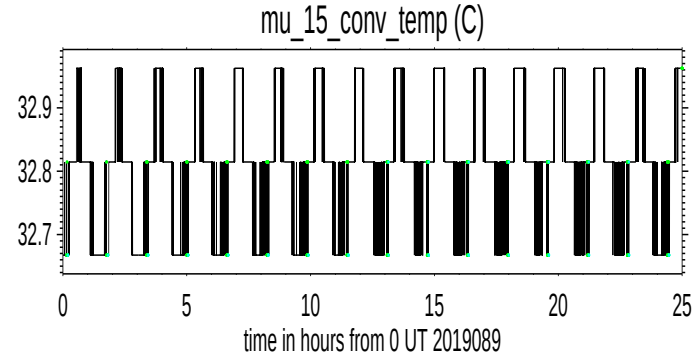

mu_adc_brd_temp (C)
30.25
30.20
30.15
30.10
30.05
30.00
0
5
10
15
20
25
time in hours from 0 UT 2019089

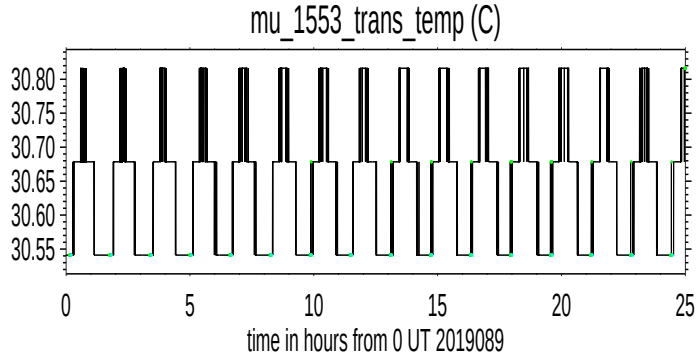

mu_4 (V)
3.95
3.90
3.85
0
5
10
15
20
25
time in hours from 0 UT 2019089

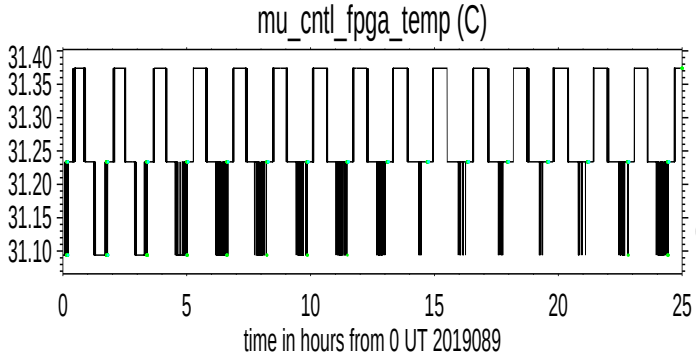

mu_gci_fpga_temp (C)
32.25
32.20
32.15
32.10
32.05
32.00
31.95
0
5
10
15
20
25
time in hours from 0 UT 2019089

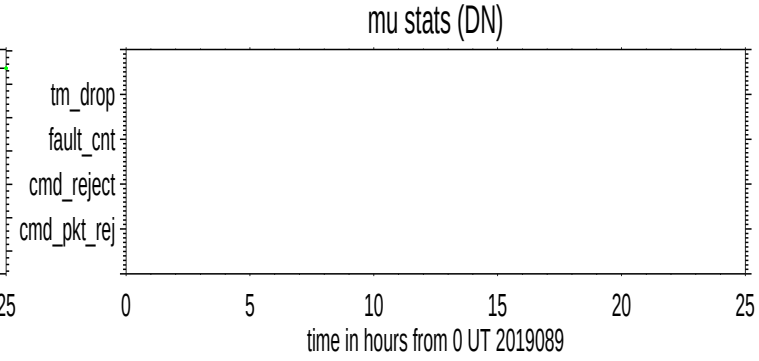

mu_15pos (V)
15.15
15.10
15.05
15.00
14.95
14.90
0
5
10
15
20
25
time in hours from 0 UT 2019089

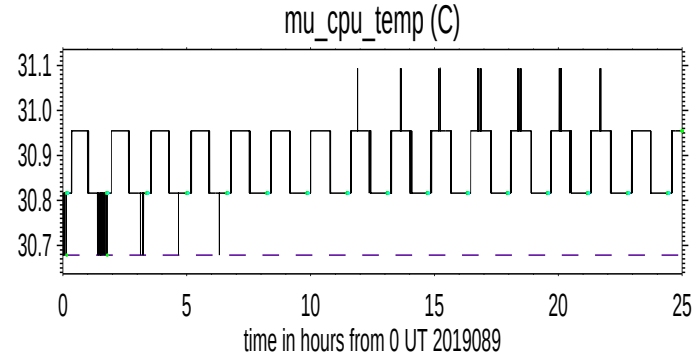

mu_15neg (V)
-14.80
-14.85
-14.90
-14.95
-15.00
-15.05
-15.10
0
5
10
15
20
25
time in hours from 0 UT 2019089

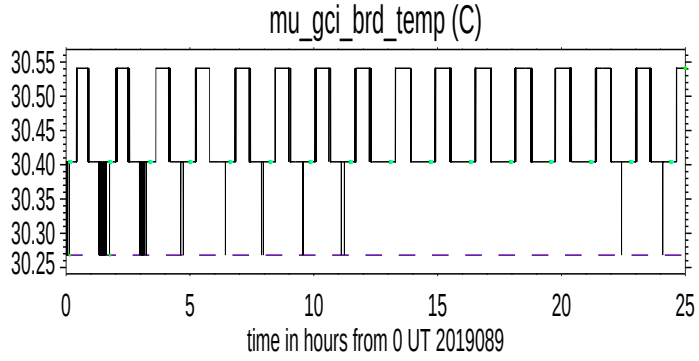

mu_15_conv_temp (C)
32.9
32.8
32.7
0
5
10
15
20
25
time in hours from 0 UT 2019089

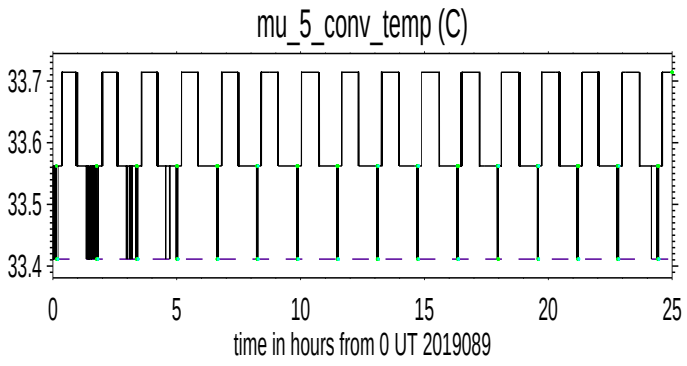

mu_1553_trans_temp (C)
30.80
30.75
30.70
30.65
30.60
30.55
0
5
10
15
20
25
time in hours from 0 UT 2019089

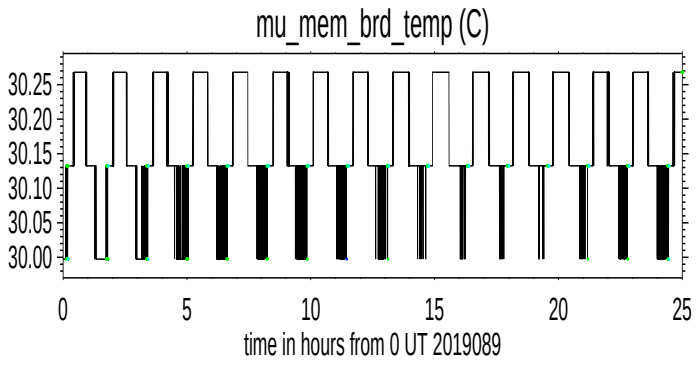

mu_cntl_fpga_temp (C)
31.40
31.35
31.30
31.25
31.20
31.15
31.10
0
5
10
15
20
25
time in hours from 0 UT 2019089

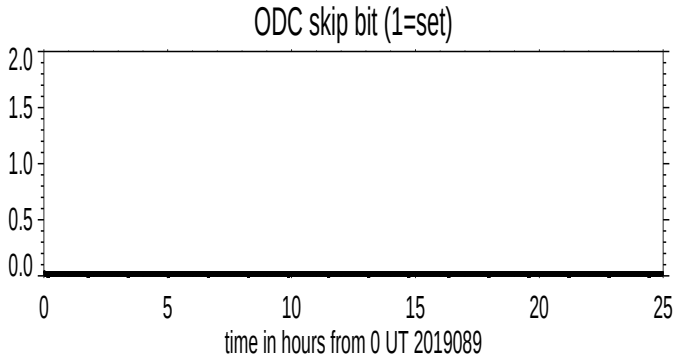

mu stats (DN)
tm_drop
fault_cnt
cmd_reject
cmd_pkt_rej
0
5
10
15
20
25
time in hours from 0 UT 2019089

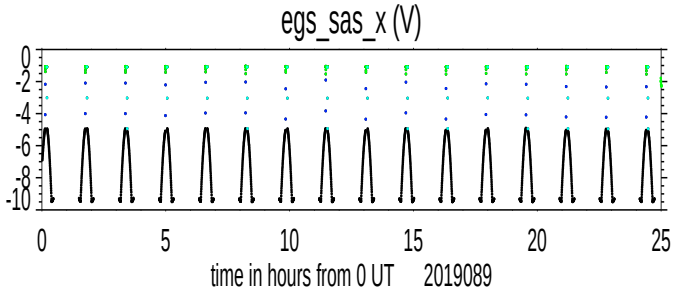

mu_cpu_temp (C)
31.1
31.0
30.9
30.8
30.7
0
5
10
15
20
25
time in hours from 0 UT 2019089

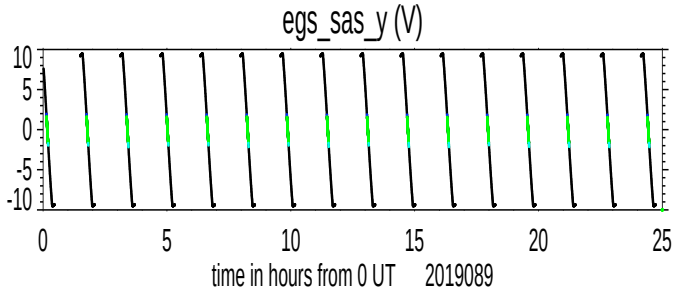

mu_gci_brd_temp (C)
30.55
30.50
30.45
30.40
30.35
30.30
30.25
0
5
10
15
20
25
time in hours from 0 UT 2019089

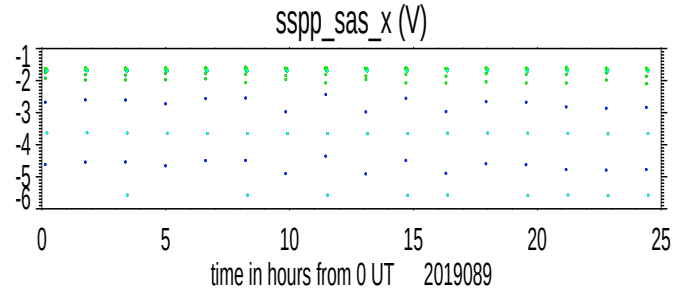

mu_5_conv_temp (C)
33.7
33.6
33.5
33.4
0
5
10
15
20
25
time in hours from 0 UT 2019089

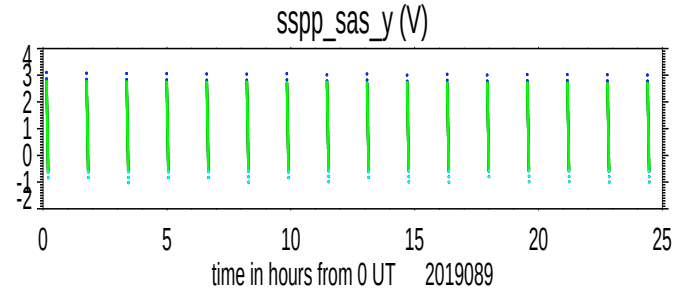

mu_mem_brd_temp (C)
30.25
30.20
30.15
30.10
30.05
30.00
0
5
10
15
20
25
time in hours from 0 UT 2019089

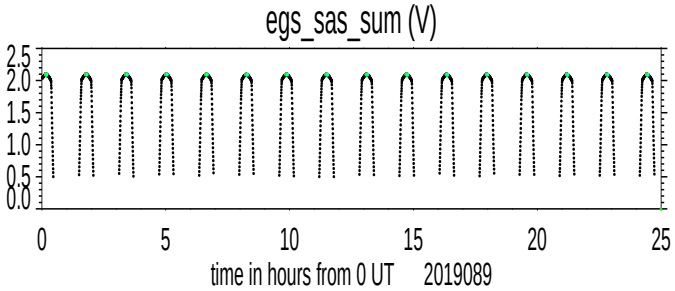

ODC skip bit (1=set)
2.0
1.5
1.0
0.5
0.0
0
5
10
15
20
25
time in hours from 0 UT 2019089

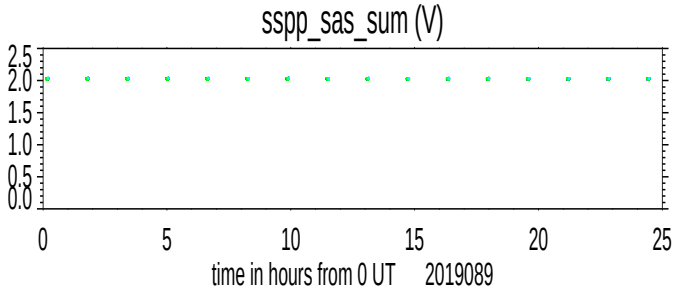

egs_sas_x (V)
time in hours from 0 UT 2019089

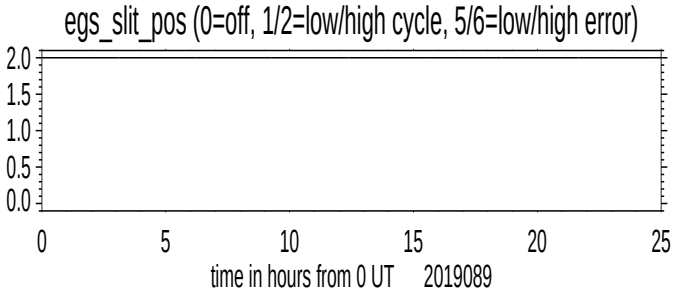

egs_sas_y (V)
time in hours from 0 UT 2019089

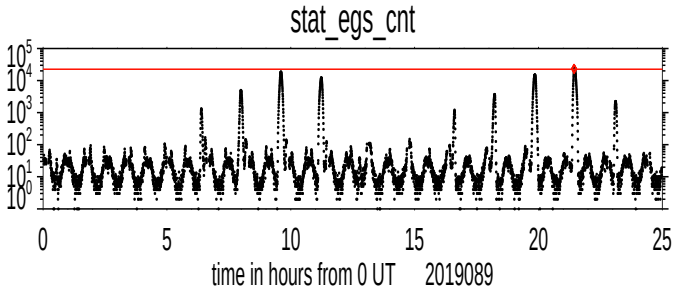

sspp_sas_x (V)
time in hours from 0 UT 2019089

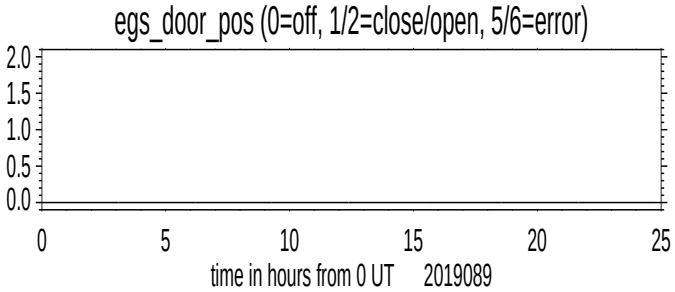

sspp_sas_y (V)
time in hours from 0 UT 2019089

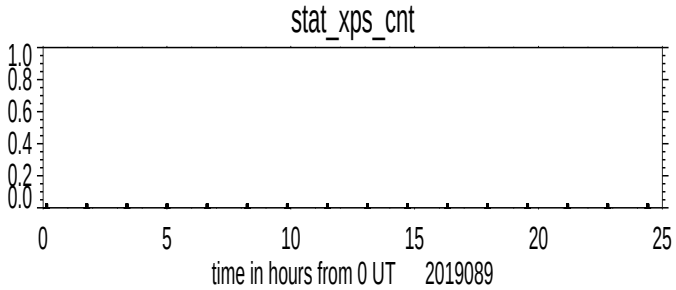

egs_sas_sum (V)
time in hours from 0 UT 2019089

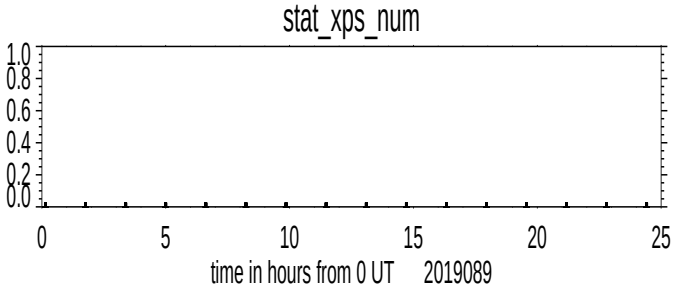

sspp_sas_sum (V)
time in hours from 0 UT 2019089

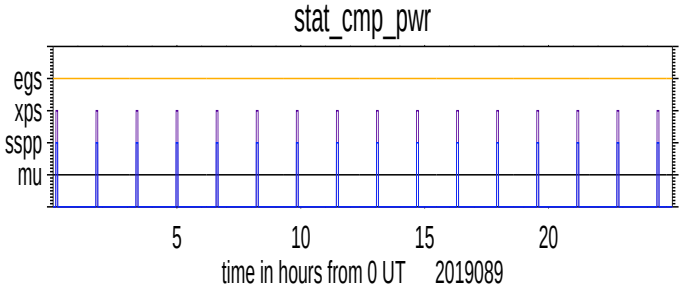

egs_slit_pos (0=off, 1/2=low/high cycle, 5/6=low/high error)
time in hours from 0 UT 2019089


stat_egs_cnt
time in hours from 0 UT 2019089

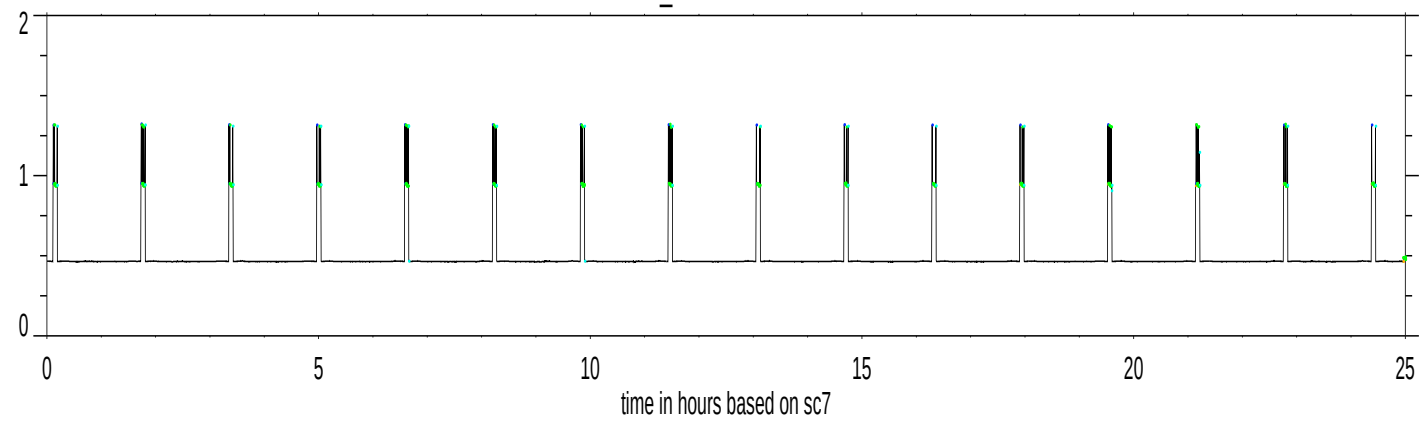

egs_door_pos (0=off, 1/2=close/open, 5/6=error)
time in hours from 0 UT 2019089


stat_xps_cnt
time in hours from 0 UT 2019089

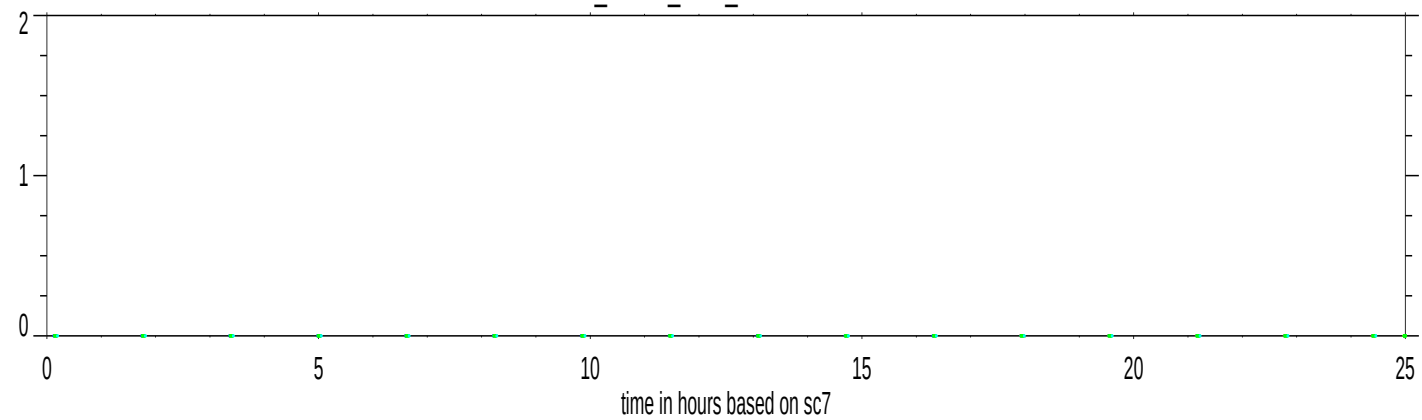

stat_xps_num
time in hours from 0 UT 2019089


stat_cmp_pwr
egs
xps
sspp
mu
time in hours from 0 UT 2019089

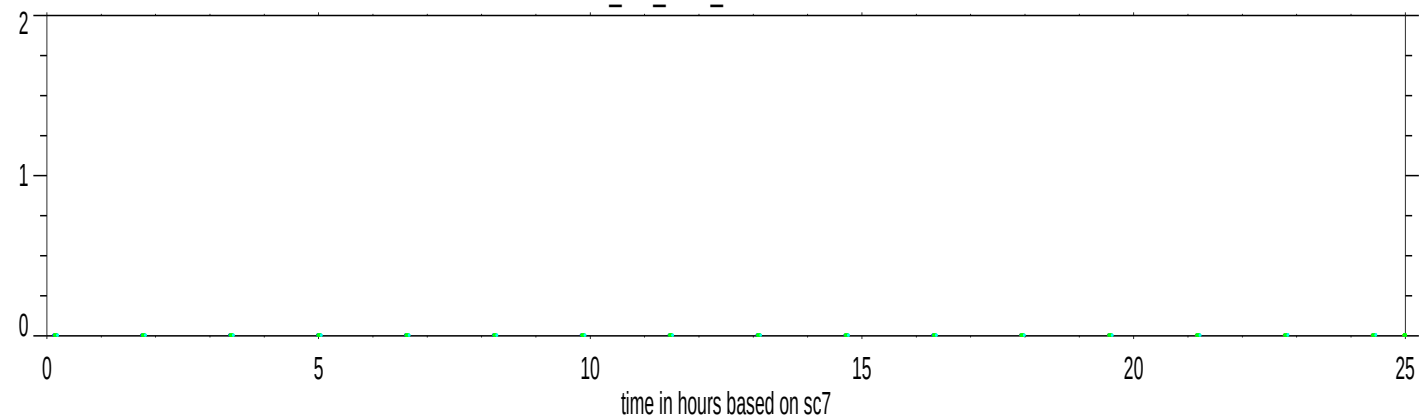
SEE_CUR 2019089



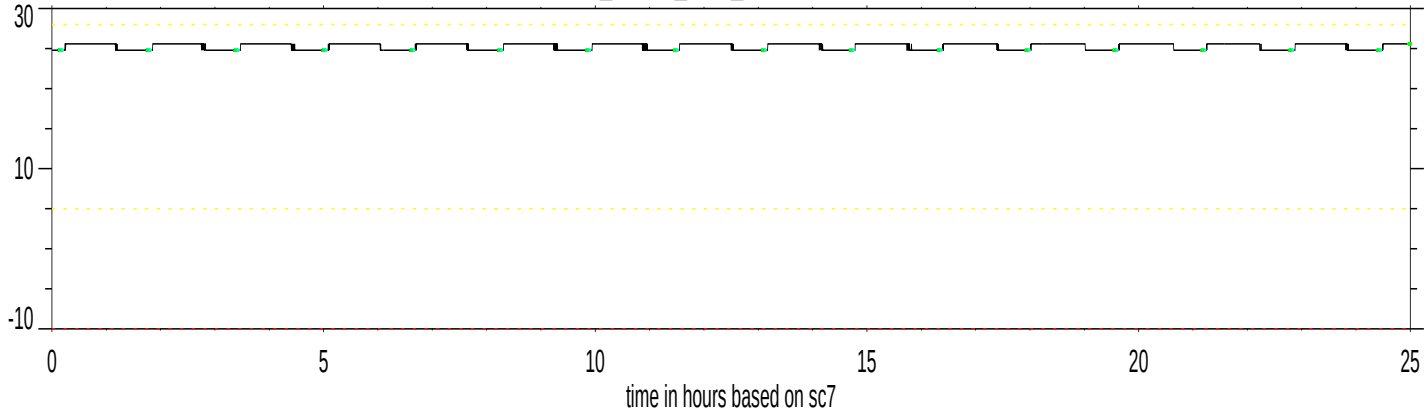
SEE_SURV_HTR_CUR 2019089



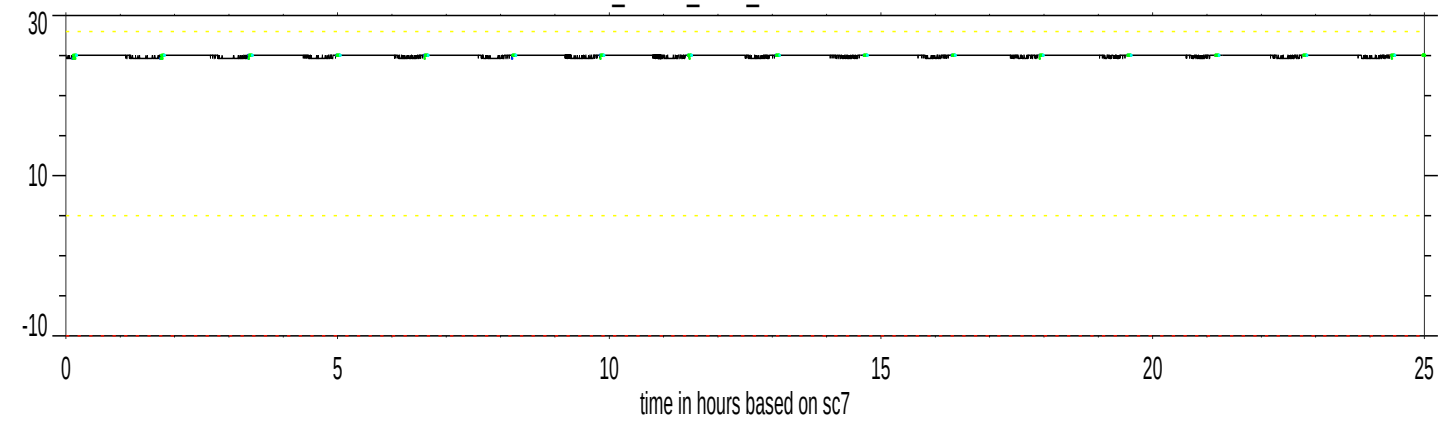
SEE_OP_HTR_CUR 2019089



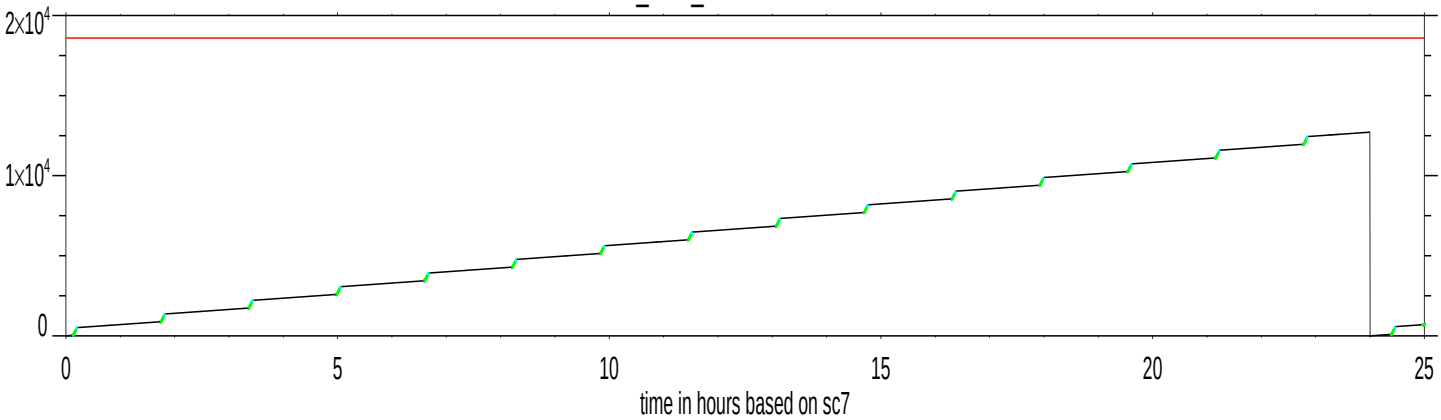
SSPP_BHND_XPS_TEMP 2019089



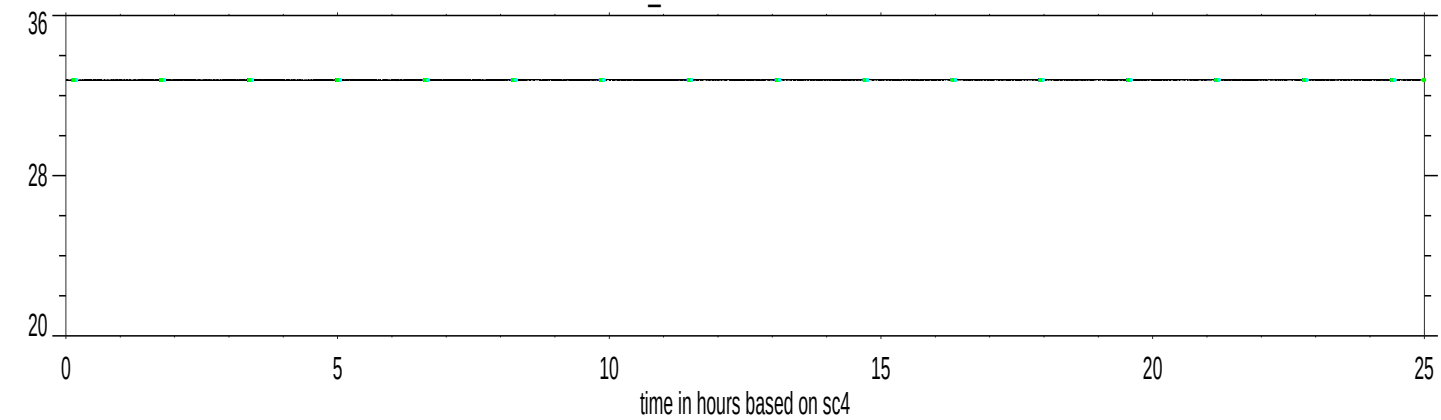
SSPP_BHND_MTR_TEMP 2019089



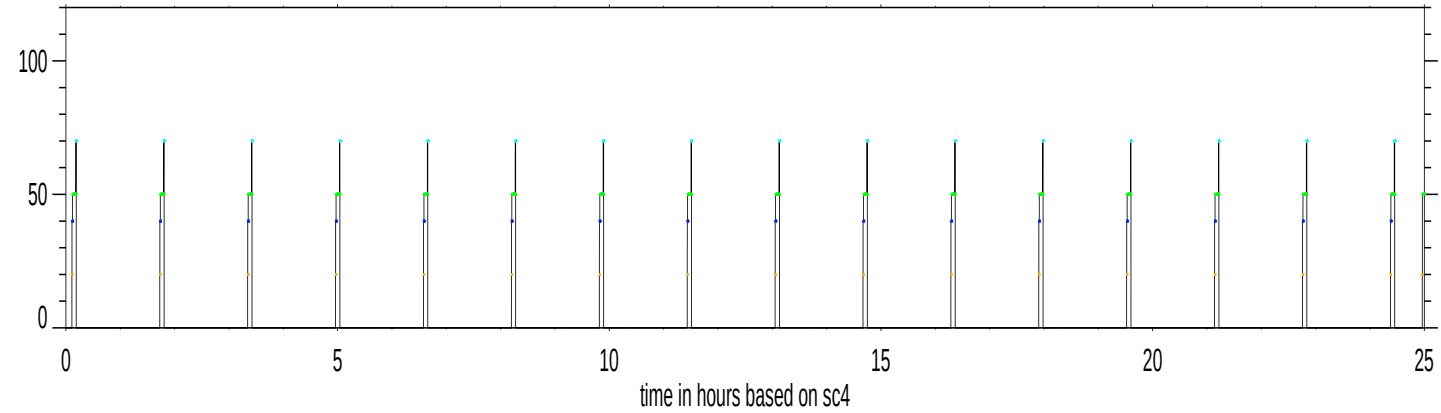
SEE_PKT_COUNT 2019089

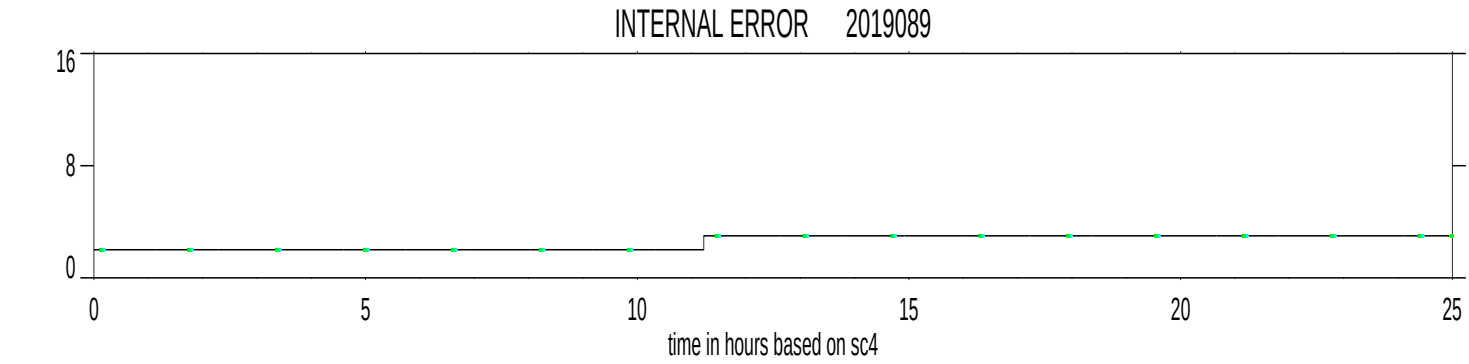


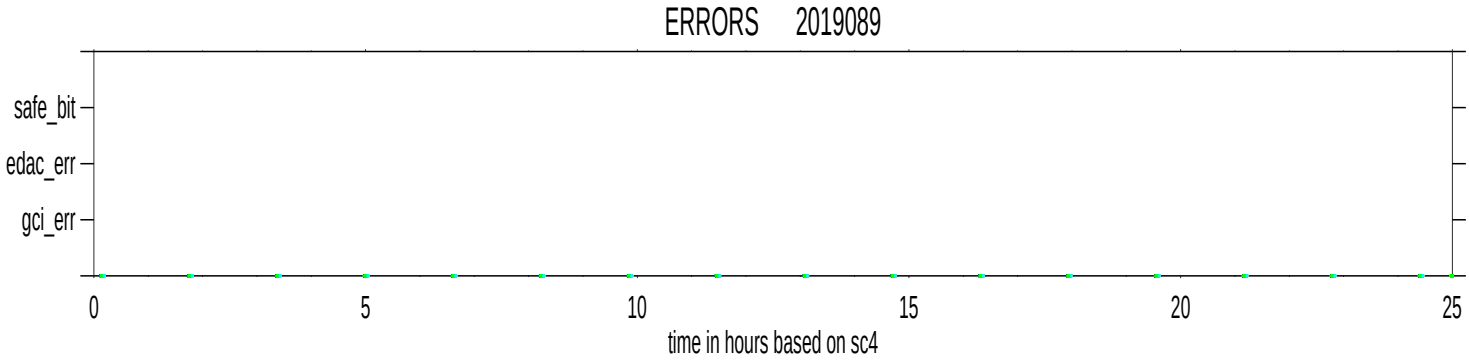
BUS_VOLTAGE 2019089

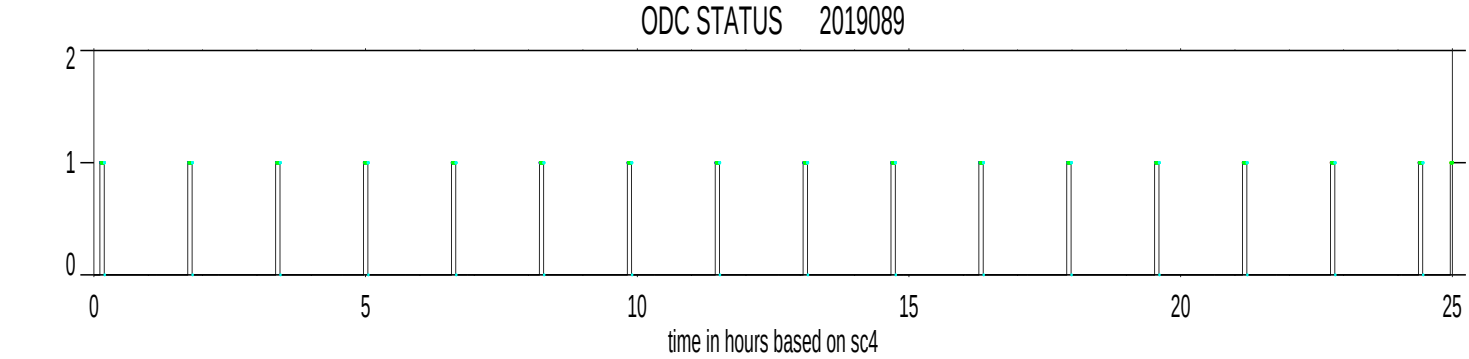


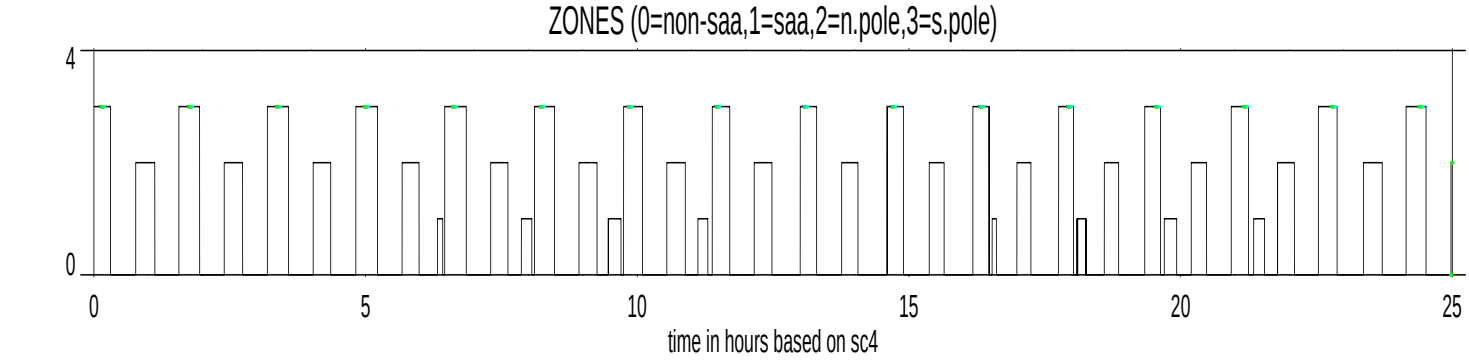
SEE_MU Operational Mode 2019089

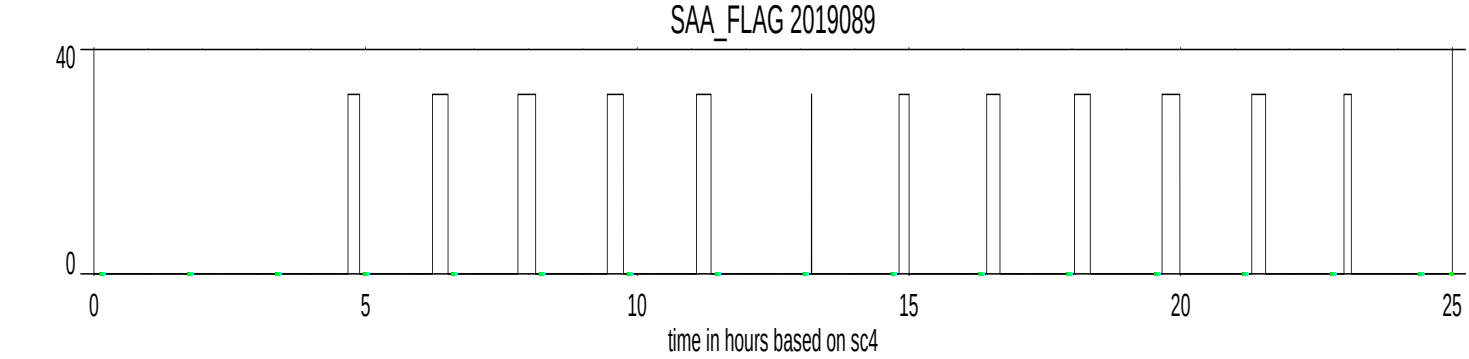


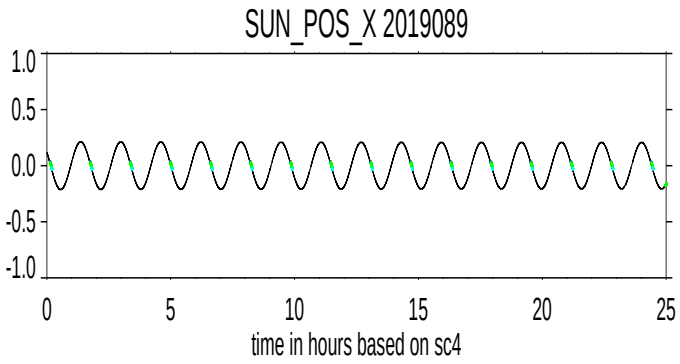

INTERNAL ERROR 2019089
16
8
0
0
5
10
15
20
25
time in hours based on sc4

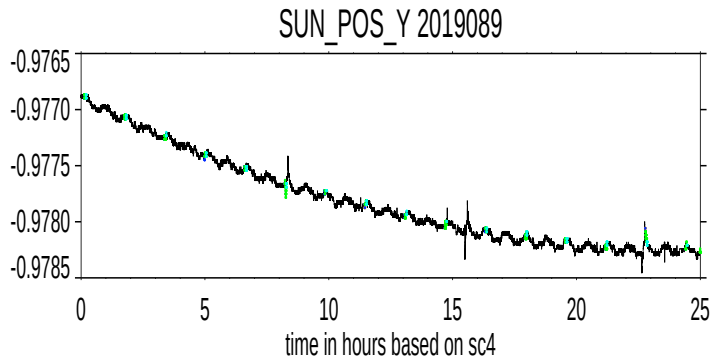

ERRORS 2019089
safe_bit
edac_err
gci_err
0
5
10
15
20
25
time in hours based on sc4

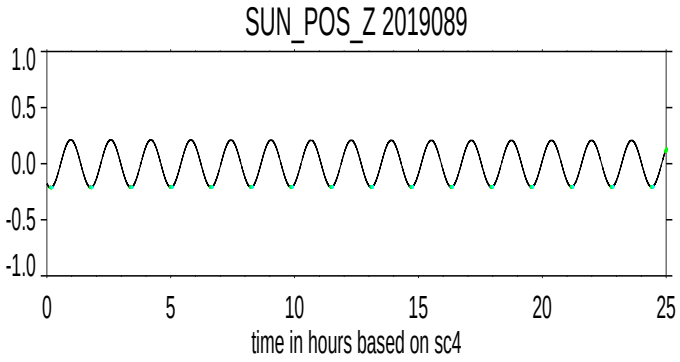

ODC STATUS 2019089
2
1
0
0
5
10
15
20
25
time in hours based on sc4

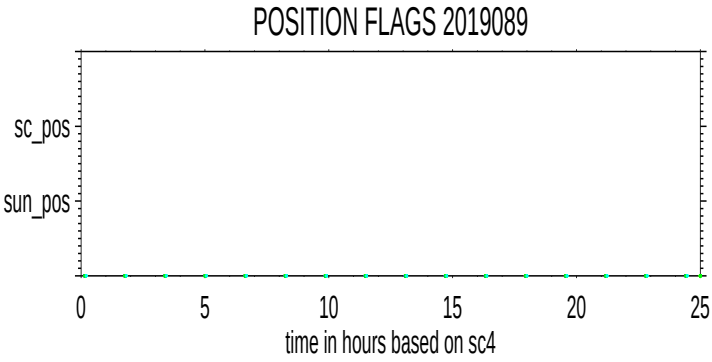

ZONES (0=non-saa,1=saa,2=n.pole,3=s.pole)
4
0
0
5
10
15
20
25
time in hours based on sc4

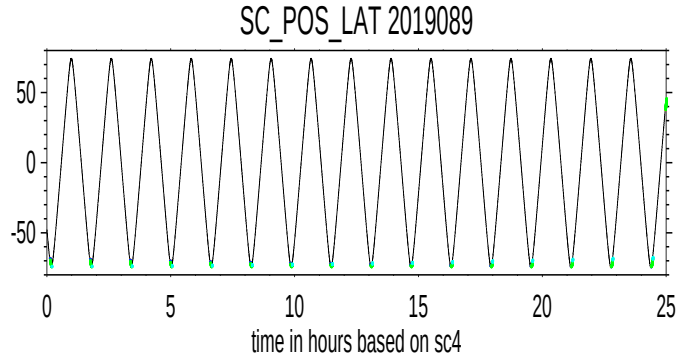

SAA_FLAG 2019089
40
0
0
5
10
15
20
25
time in hours based on sc4

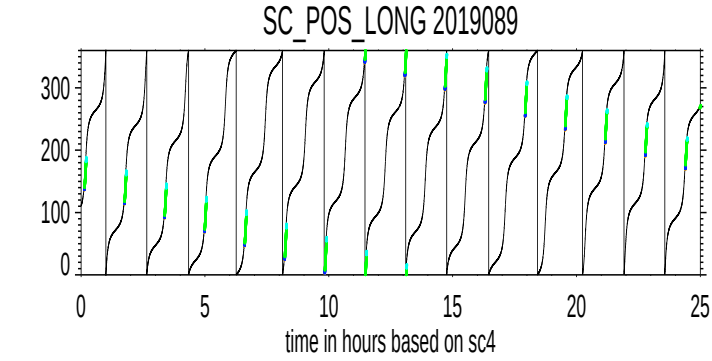

SUN_POS_X 2019089
1.0
0.5
0.0
-0.5
-1.0
0
5
10
15
20
25
time in hours based on sc4

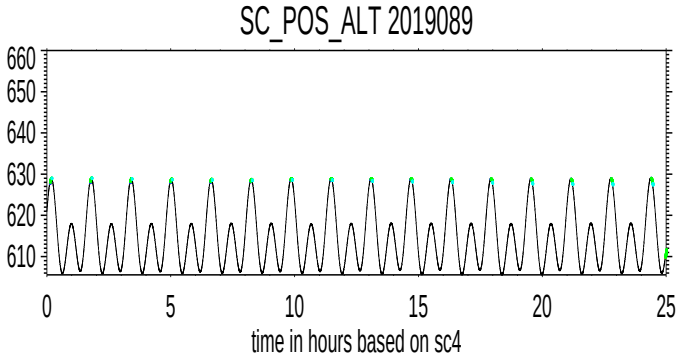

SUN_POS_Y 2019089
-0.9765
-0.9770
-0.9775
-0.9780
-0.9785
0
5
10
15
20
25
time in hours based on sc4

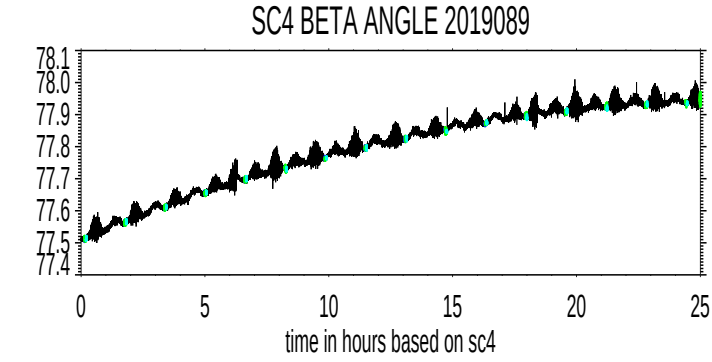

SUN_POS_Z 2019089
1.0
0.5
0.0
-0.5
-1.0
0
5
10
15
20
25
time in hours based on sc4


POSITION FLAGS 2019089
sc_pos
sun_pos
0
5
10
15
20
25
time in hours based on sc4


SC_POS_LAT 2019089
50
0
-50
0
5
10
15
20
25
time in hours based on sc4


SC_POS_LONG 2019089
300
200
100
0
0
5
10
15
20
25
time in hours based on sc4


SC_POS_ALT 2019089
660
650
640
630
620
610
0
5
10
15
20
25
time in hours based on sc4


SC4 BETA ANGLE 2019089
78.1
78.0
77.9
77.8
77.7
77.6
77.5
77.4
0
5
10
15
20
25
time in hours based on sc4