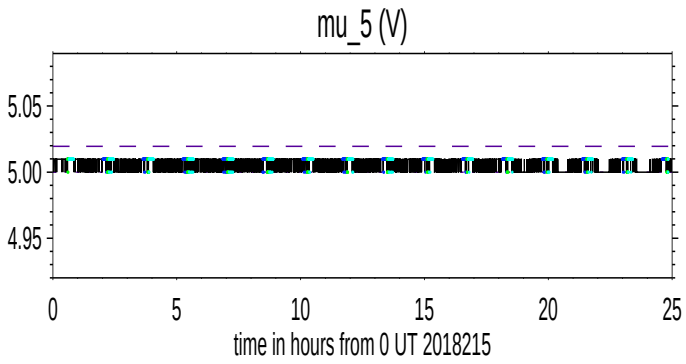
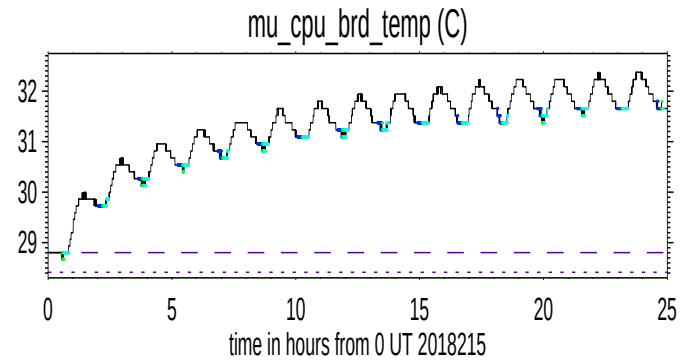
Information for 2018215


mu_5 (V)
5.05
5.00
4.95
0
5
10
15
20
25
time in hours from 0 UT 2018215


mu_cpu_brd_temp (C)
32
31
30
29
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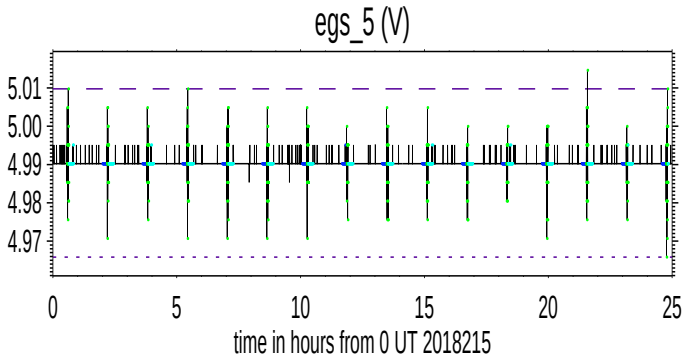
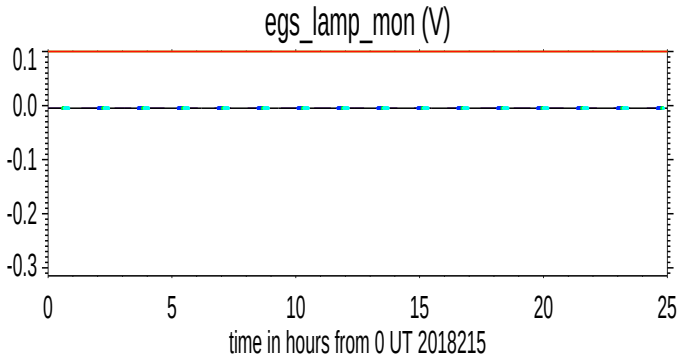
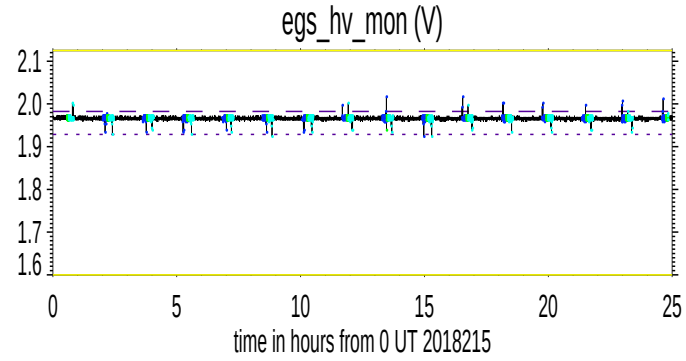
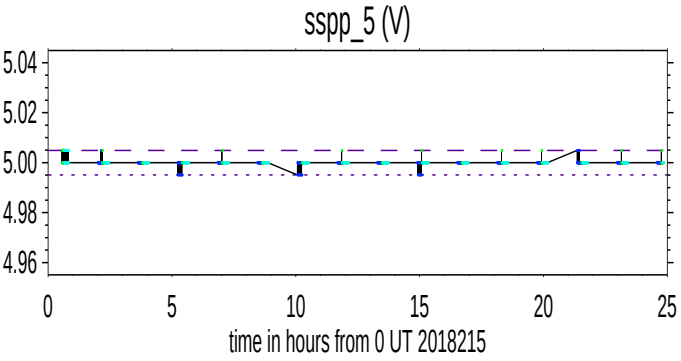
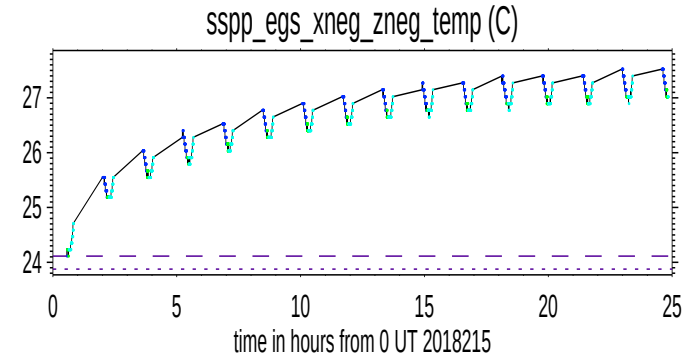
10
15
20
25
time in hours from 0 UT 2018215

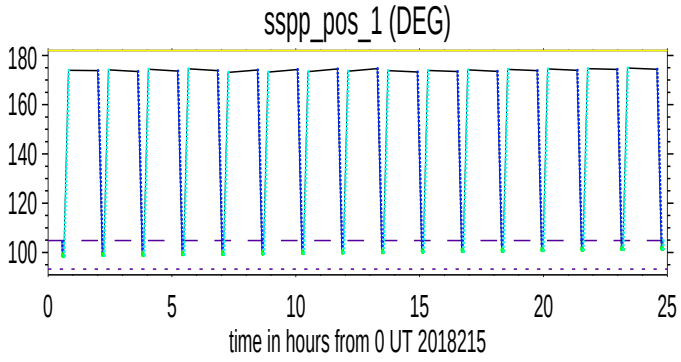

egs_5 (V)
5.01
5.00
4.99
4.98
4.97
0
5
10
15
20
25
time in hours from 0 UT 2018215

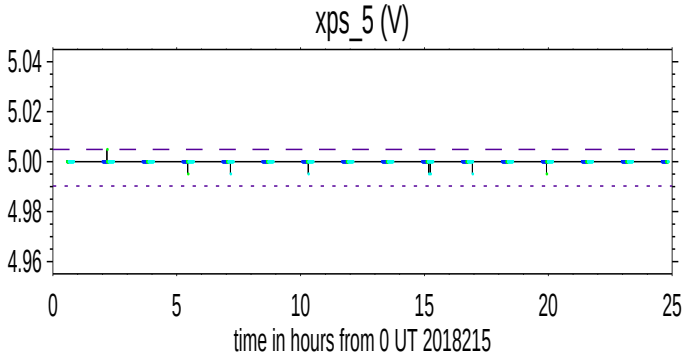

egs_lamp_mon (V)
0.1
0.0
-0.1
-0.2
-0.3
0
5
10
15
20
25
time in hours from 0 UT 2018215

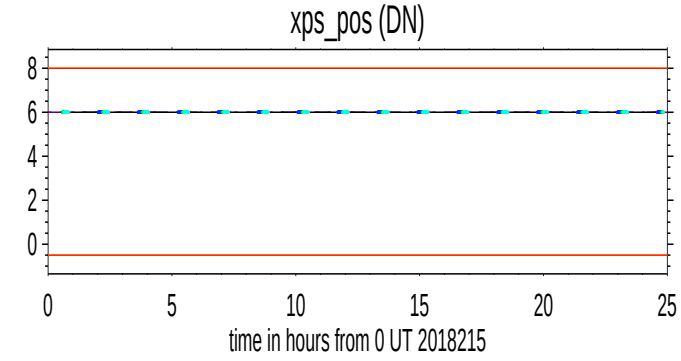

egs_hv_mon (V)
2.1
2.0
1.9
1.8
1.7
1.6
0
5
10
15
20
25
time in hours from 0 UT 2018215

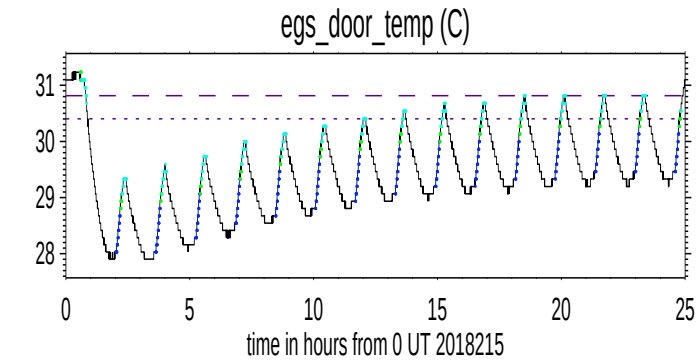

sspp_5 (V)
5.04
5.02
5.00
4.98
4.96
0
5
10
15
20
25
time in hours from 0 UT 2018215

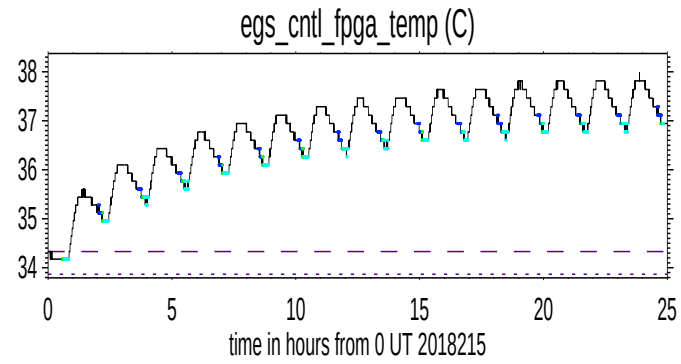

sspp_egs_xneg_zneg_temp (C)
27
26
25
24
0
5
10
15
20
25
time in hours from 0 UT 2018215

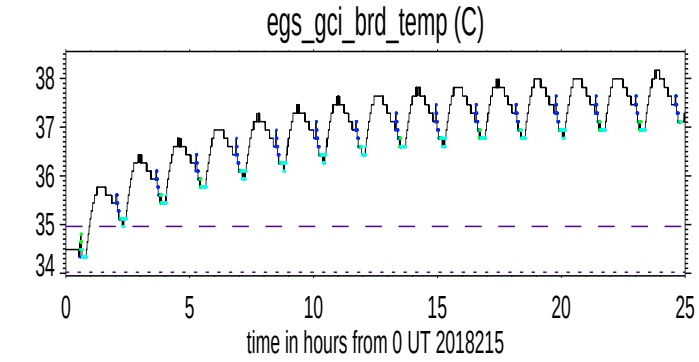

sspp_pos_1 (DEG)
180
160
140
120
100
0
5
10
15
20
25
time in hours from 0 UT 2018215

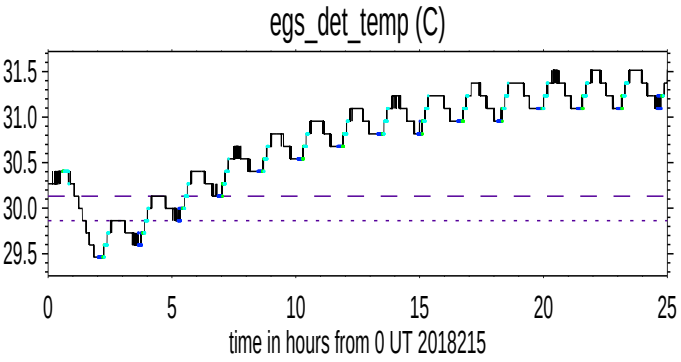

xps_5 (V)
5.04
5.02
5.00
4.98
4.96
0
5
10
15
20
25
time in hours from 0 UT 2018215


xps_pos (DN)
8
6
4
2
0
0
5
10
15
20
25
time in hours from 0 UT 2018215


egs_door_temp (C)
31
30
29
28
0
5
10
15
20
25
time in hours from 0 UT 2018215


egs_cntl_fpga_temp (C)
38
37
36
35
34
0
5
10
15
20
25
time in hours from 0 UT 2018215


egs_gci_brd_temp (C)
38
37
36
35
34
0
5
10
15
20
25
time in hours from 0 UT 2018215


egs_det_temp (C)
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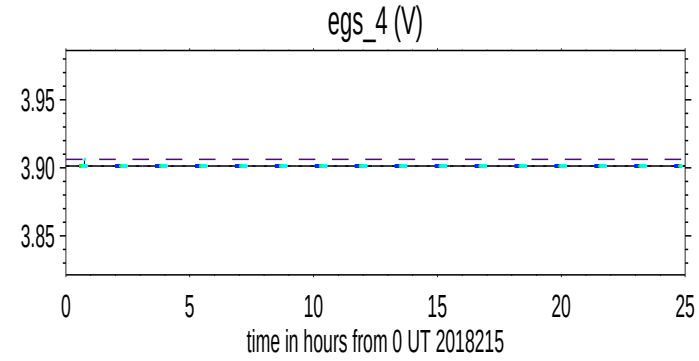
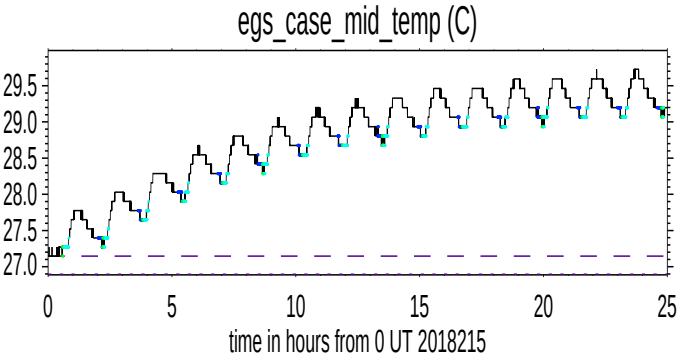
31.0
30.5
30.0
29.5
0
5
10
15
20
25
time in hours from 0 UT 2018215


egs_4 (V)
3.95
3.90
3.85
0
5
10
15
20
25
time in hours from 0 UT 2018215


egs_case_mid_temp (C)
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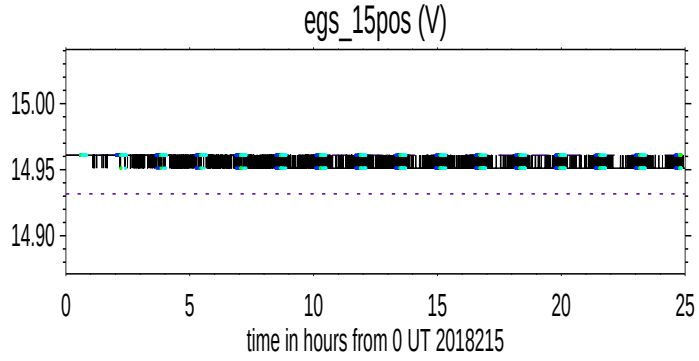
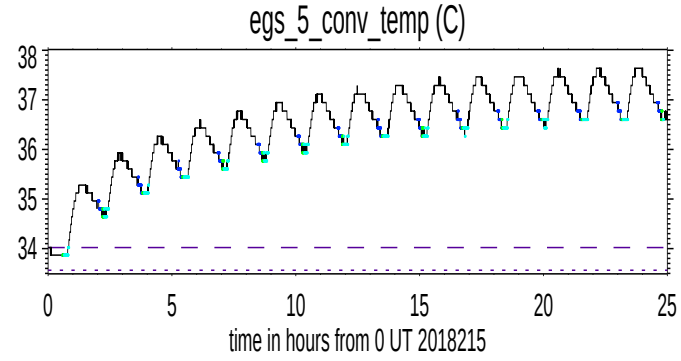
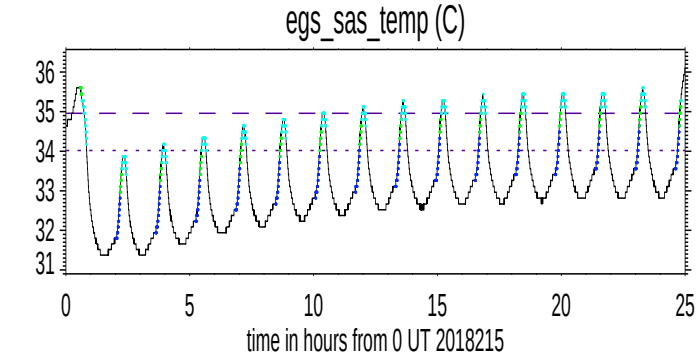
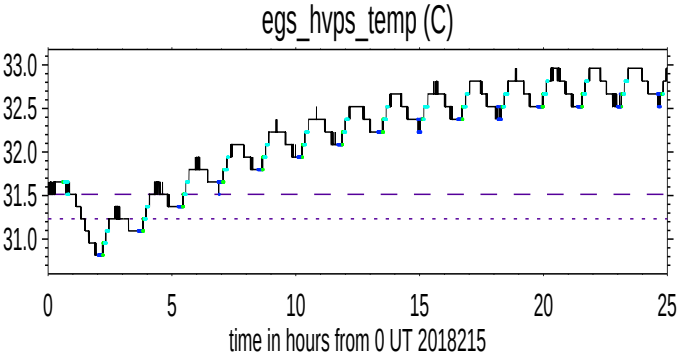
28.5
28.0
27.5
27.0
0
5
10
15
20
25
time in hours from 0 UT 2018215


egs_15pos (V)
15.00
14.95
14.90
0
5
10
15
20
25
time in hours from 0 UT 2018215


egs_5_conv_temp (C)
38
37
36
35
34
0
5
10
15
20
25
time in hours from 0 UT 2018215


egs_sas_temp (C)
36
35
34
33
32
31
0
5
10
15
20
25
time in hours from 0 UT 2018215


egs_hvps_temp (C)
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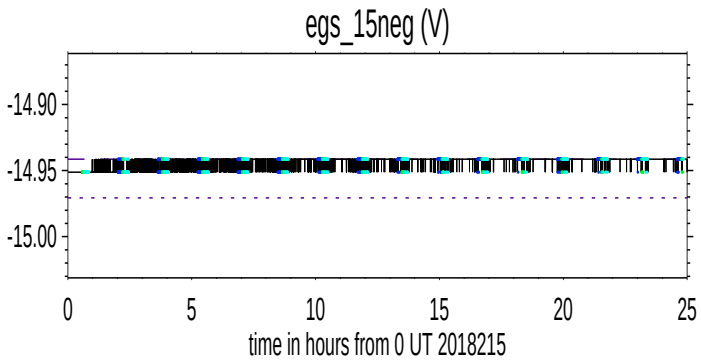
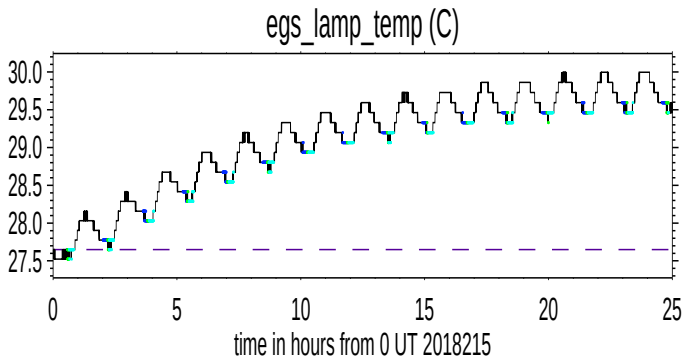
32.5
32.0
31.5
31.0
0
5
10
15
20
25
time in hours from 0 UT 2018215


egs_15neg (V)
-14.90
-14.95
-15.00
0
5
10
15
20
25
time in hours from 0 UT 2018215


egs_lamp_temp (C)
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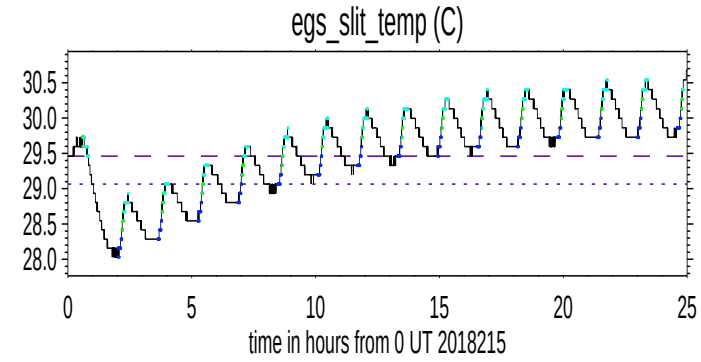
29.0
28.5
28.0
27.5
0
5
10
15
20
25
time in hours from 0 UT 2018215


egs_slit_temp (C)
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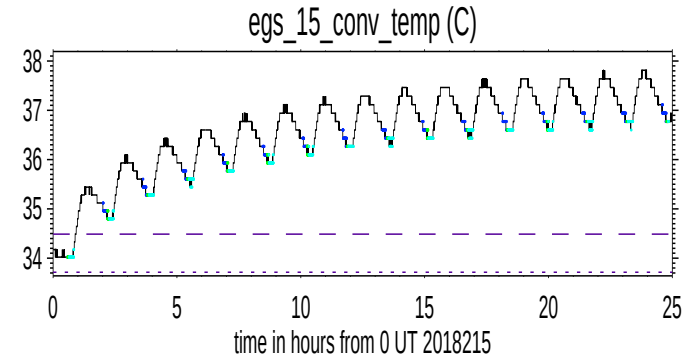
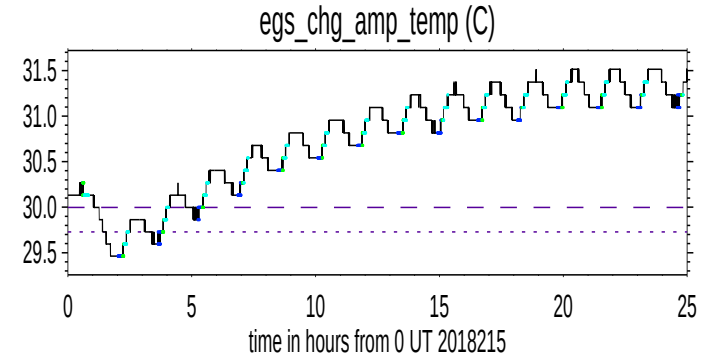
29.5
29.0
28.5
28.0
0
5
10
15
20
25
time in hours from 0 UT 2018215


egs_15_conv_temp (C)
38
37
36
35
34
0
5
10
15
20
25
time in hours from 0 UT 2018215


egs_chg_amp_temp (C)
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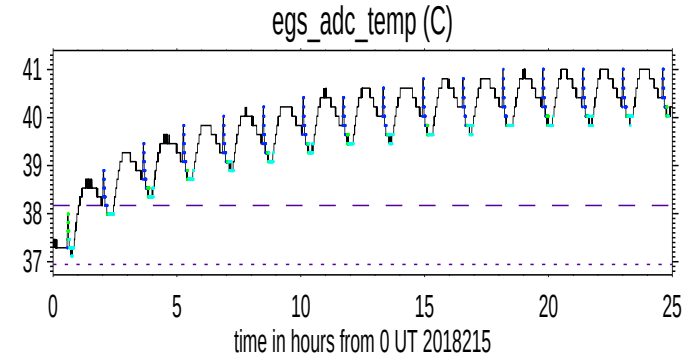
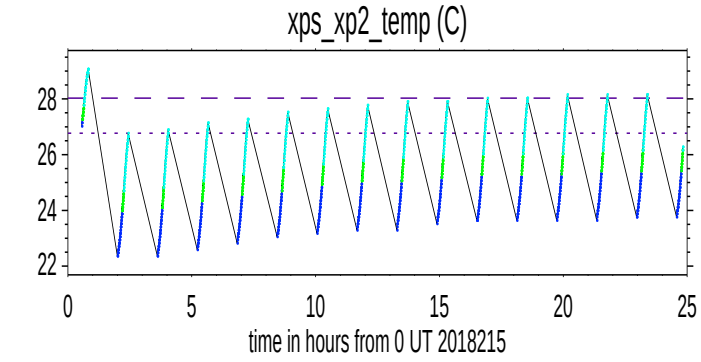
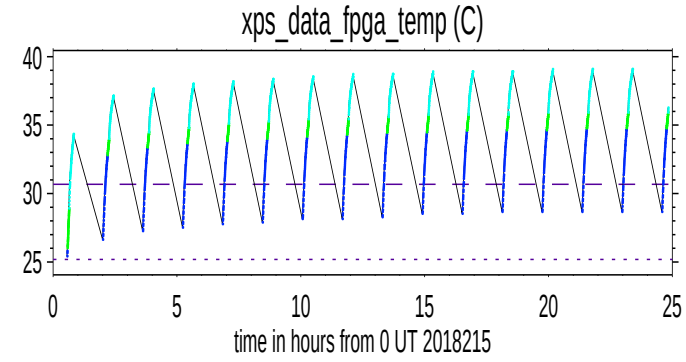
31.0
30.5
30.0
29.5
0
5
10
15
20
25
time in hours from 0 UT 2018215


egs_adc_temp (C)
41
40
39
38
37
0
5
10
15
20
25
time in hours from 0 UT 2018215


xps_xp2_temp (C)
28
26
24
22
0
5
10
15
20
25
time in hours from 0 UT 2018215


xps_data_fpga_temp (C)
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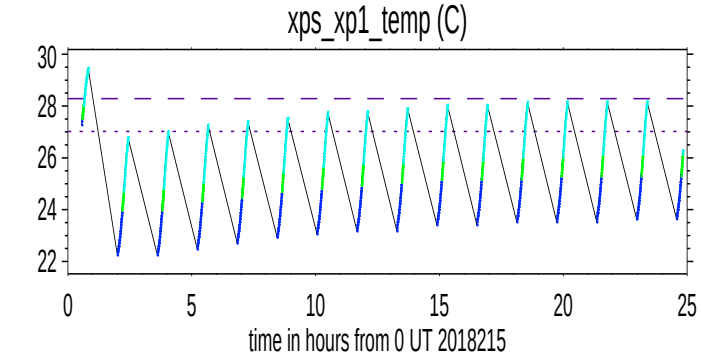
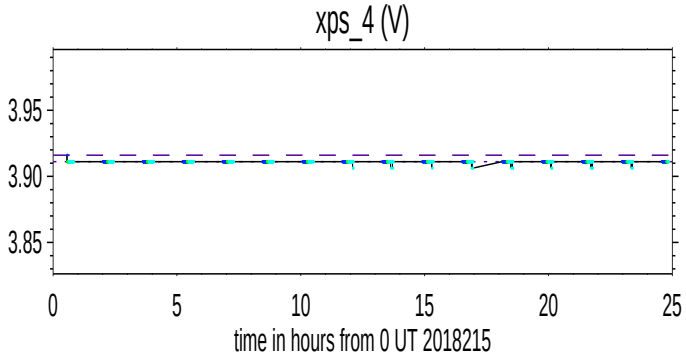
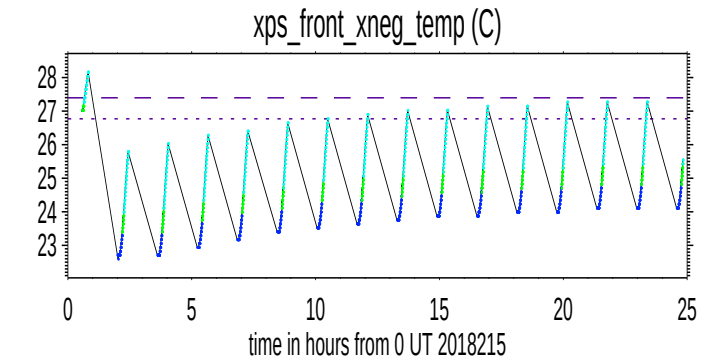
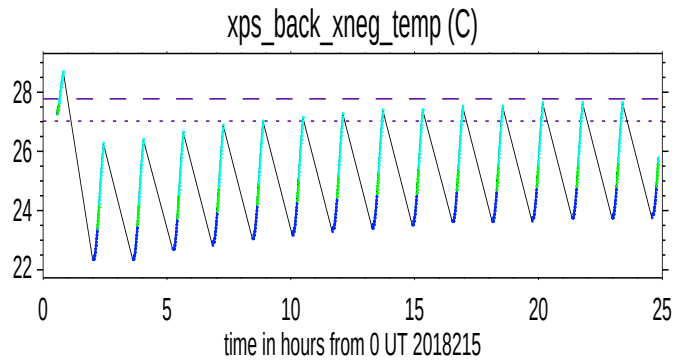
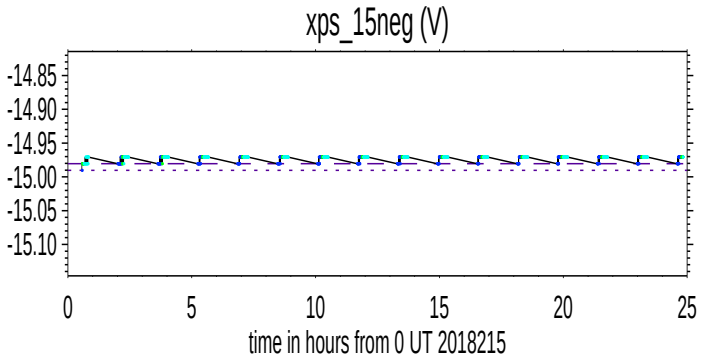
35
30
25
0
5
10
15
20
25
time in hours from 0 UT 2018215


xps_xp1_temp (C)
30
28
26
24
22
0
5
10
15
20
25
time in hours from 0 UT 2018215


xps_4 (V)
3.95
3.90
3.85
0
5
10
15
20
25
time in hours from 0 UT 2018215


xps_front_xneg_temp (C)
28
27
26
25
24
23
0
5
10
15
20
25
time in hours from 0 UT 2018215


xps_back_xneg_temp (C)
28
26
24
22
0
5
10
15
20
25
time in hours from 0 UT 2018215


xps_15neg (V)
-14.85
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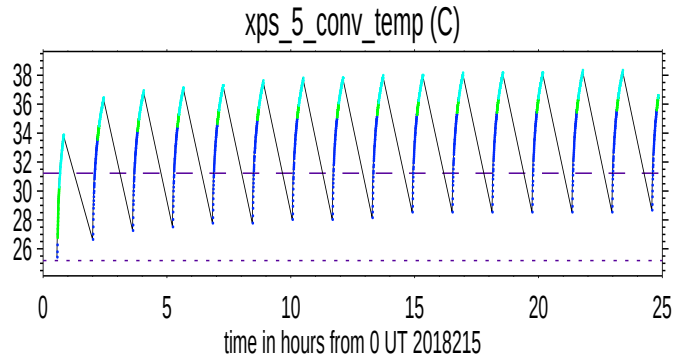
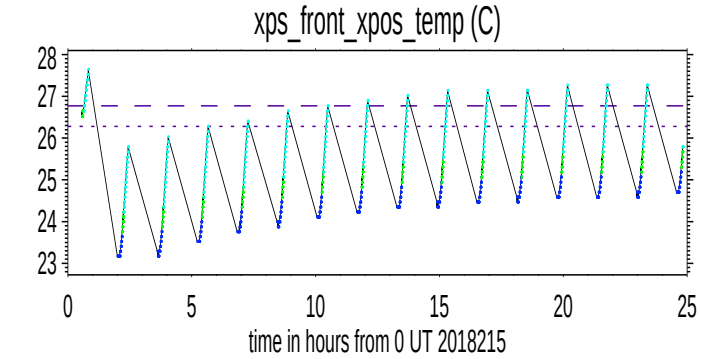
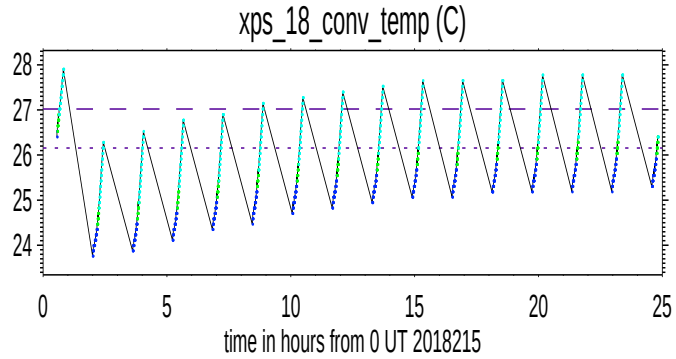
-14.95
-15.00
-15.05
-15.10
0
5
10
15
20
25
time in hours from 0 UT 2018215


xps_5_conv_temp (C)
38
36
34
32
30
28
26
0
5
10
15
20
25
time in hours from 0 UT 2018215


xps_front_xpos_temp (C)
28
27
26
25
24
23
0
5
10
15
20
25
time in hours from 0 UT 2018215


xps_18_conv_temp (C)
28
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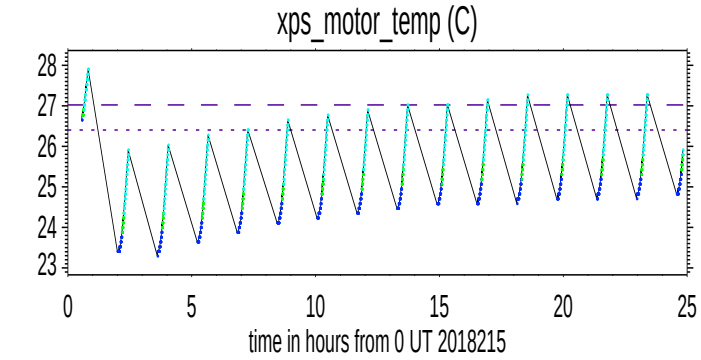
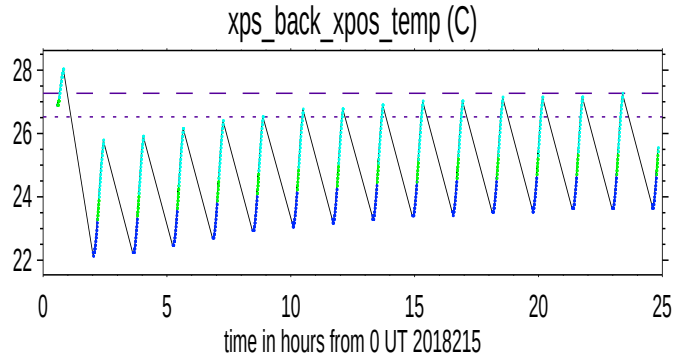
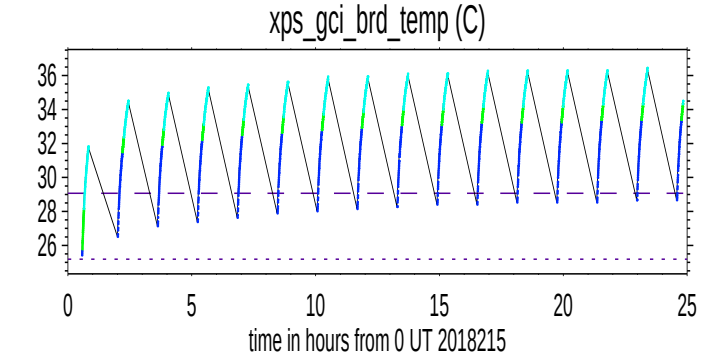
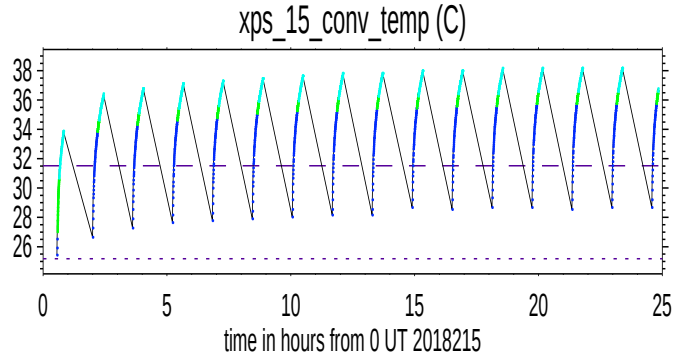
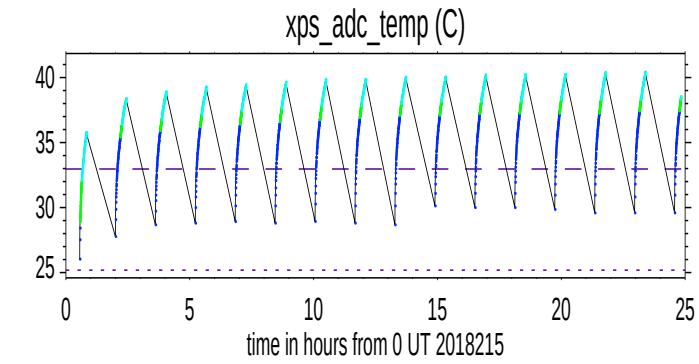
26
25
24
0
5
10
15
20
25
time in hours from 0 UT 2018215

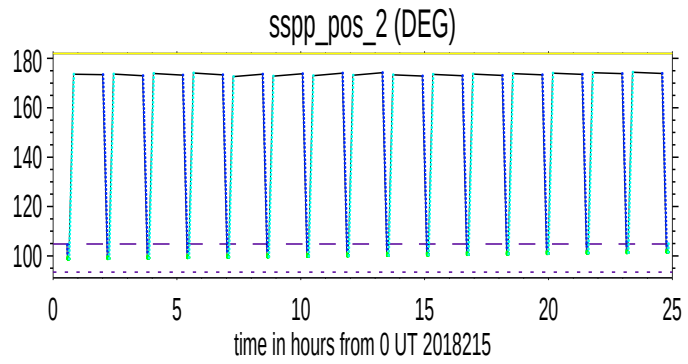

xps_motor_temp (C)
28
27
26
25
24
23
0
5
10
15
20
25
time in hours from 0 UT 2018215

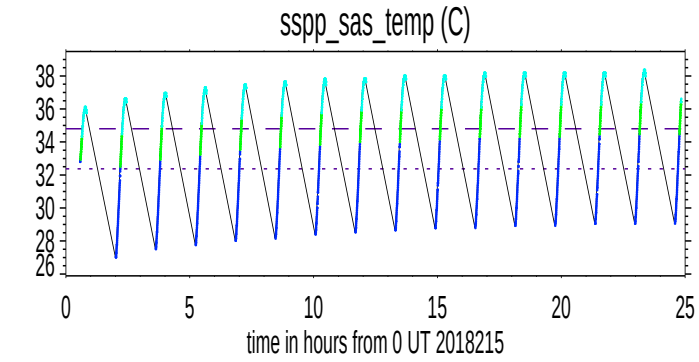

xps_back_xpos_temp (C)
28
26
24
22
0
5
10
15
20
25
time in hours from 0 UT 2018215

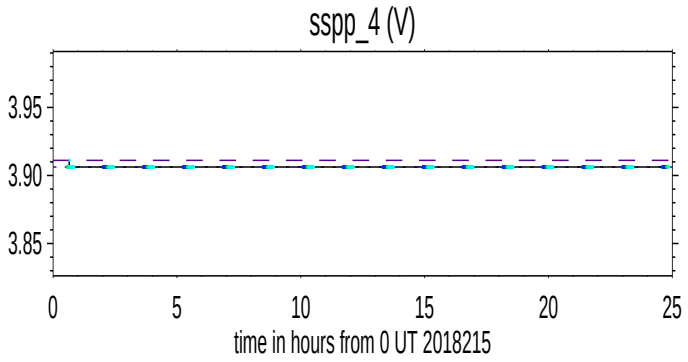

xps_gci_brd_temp (C)
36
34
32
30
28
26
0
5
10
15
20
25
time in hours from 0 UT 2018215

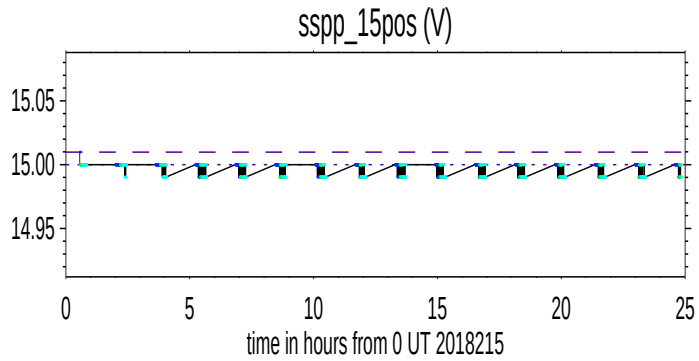

xps_15_conv_temp (C)
38
36
34
32
30
28
26
0
5
10
15
20
25
time in hours from 0 UT 2018215

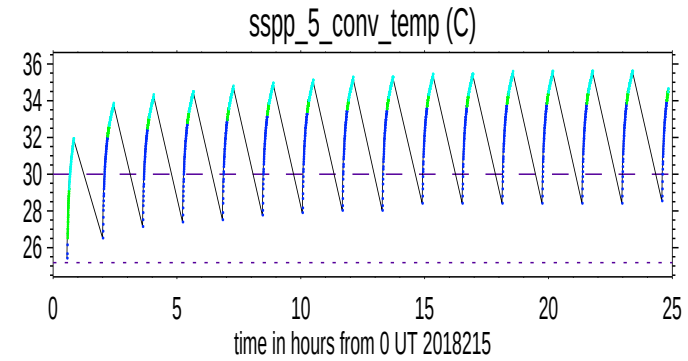

xps_adc_temp (C)
40
35
30
25
0
5
10
15
20
25
time in hours from 0 UT 2018215

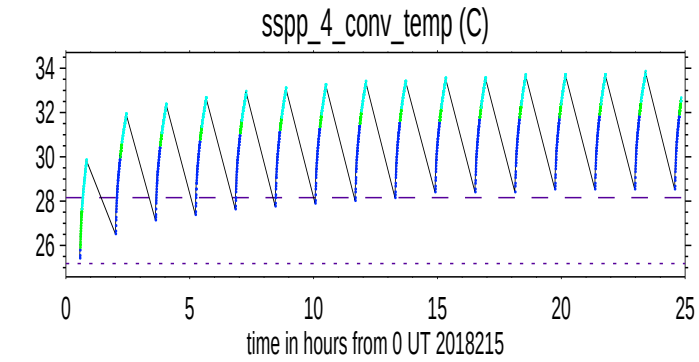

sspp_pos_2 (DEG)
180
160
140
120
100
0
5
10
15
20
25
time in hours from 0 UT 2018215

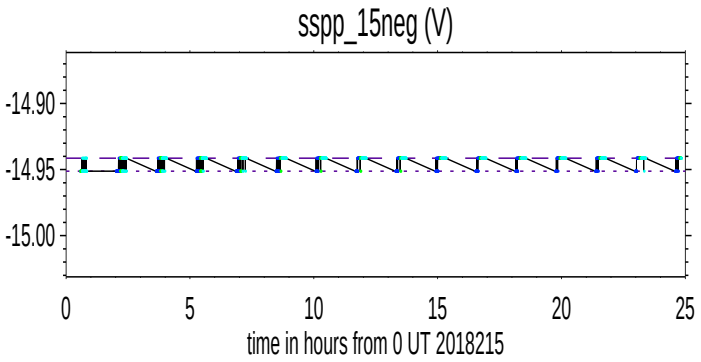

sspp_sas_temp (C)
38
36
34
32
30
28
26
0
5
10
15
20
25
time in hours from 0 UT 2018215

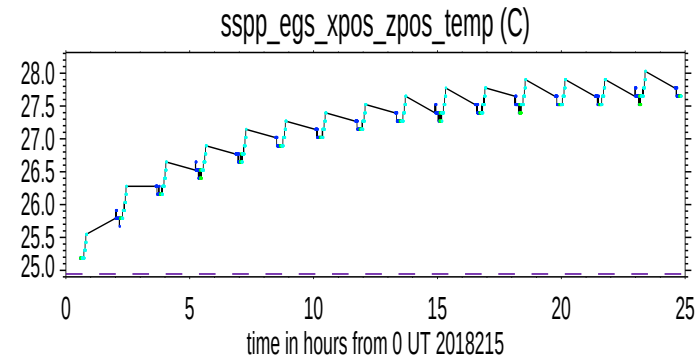

sspp_4 (V)
3.95
3.90
3.85
0
5
10
15
20
25
time in hours from 0 UT 2018215

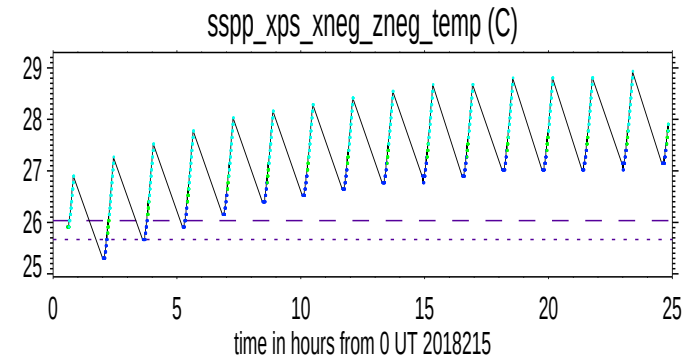

sspp_15pos (V)
15.05
15.00
14.95
0
5
10
15
20
25
time in hours from 0 UT 2018215

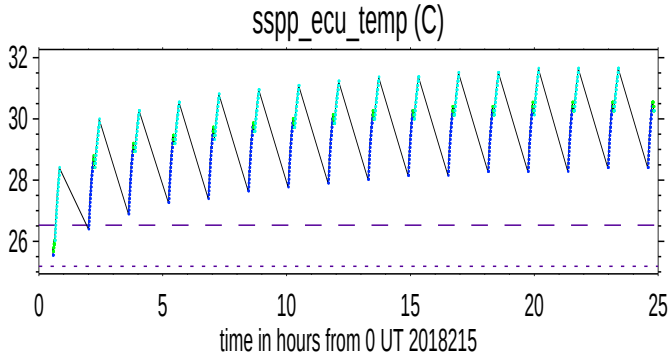

sspp_5_conv_temp (C)
36
34
32
30
28
26
0
5
10
15
20
25
time in hours from 0 UT 2018215

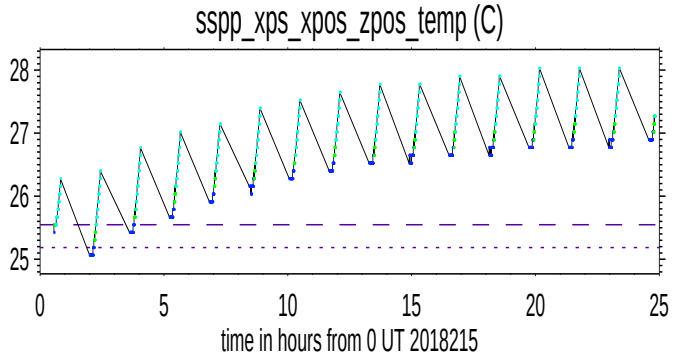

sspp_4_conv_temp (C)
34
32
30
28
26
0
5
10
15
20
25
time in hours from 0 UT 2018215

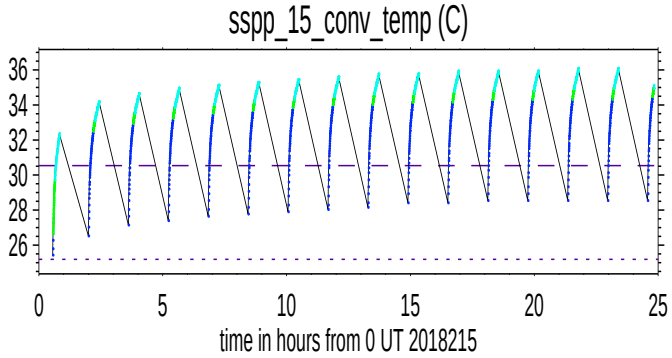

sspp_15neg (V)
-14.90
-14.95
-15.00
0
5
10
15
20
25
time in hours from 0 UT 2018215

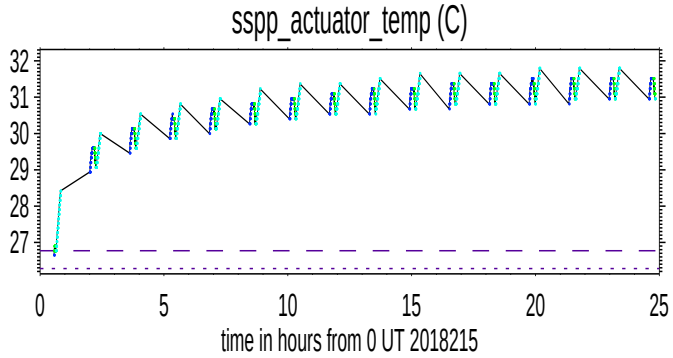

sspp_egs_xpos_zpos_temp (C)
28.0
27.5
27.0
26.5
26.0
25.5
25.0
0
5
10
15
20
25
time in hours from 0 UT 2018215

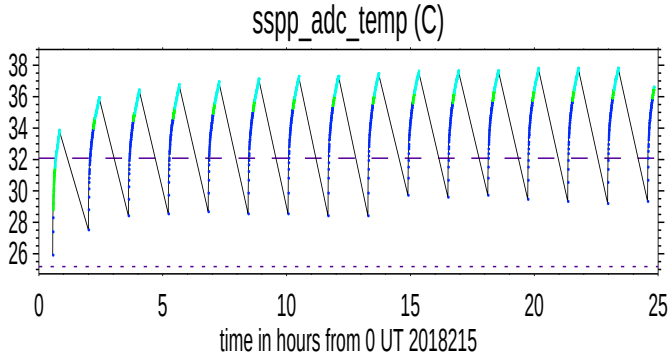

sspp_xps_xneg_zneg_temp (C)
29
28
27
26
25
0
5
10
15
20
25
time in hours from 0 UT 2018215

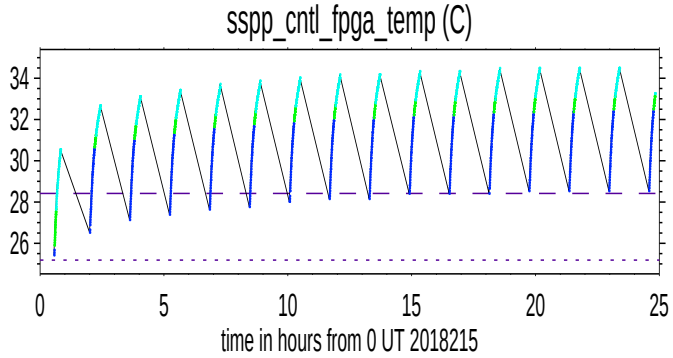

sspp_ecu_temp (C)
32
30
28
26
0
5
10
15
20
25
time in hours from 0 UT 2018215

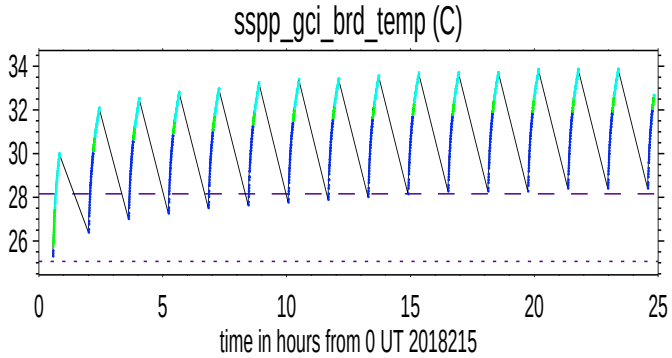

sspp_xps_xpos_zpos_temp (C)
28
27
26
25
0
5
10
15
20
25
time in hours from 0 UT 2018215

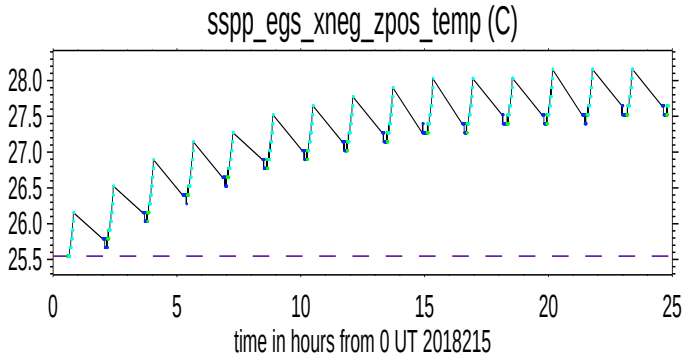

sspp_15_conv_temp (C)
36
34
32
30
28
26
0
5
10
15
20
25
time in hours from 0 UT 2018215

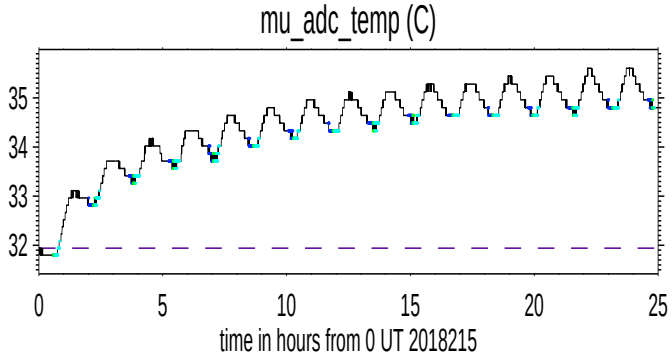

sspp_actuator_temp (C)
32
31
30
29
28
27
0
5
10
15
20
25
time in hours from 0 UT 2018215

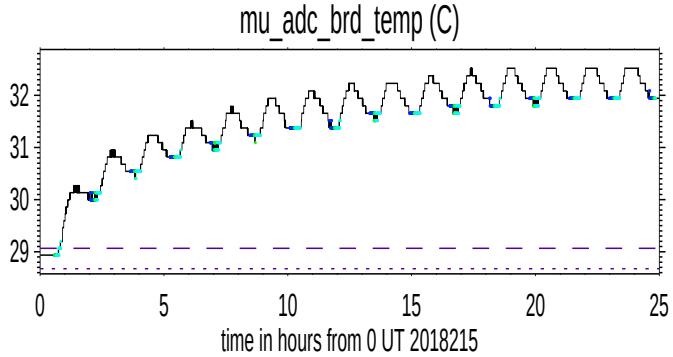

sspp_adc_temp (C)
38
36
34
32
30
28
26
0
5
10
15
20
25
time in hours from 0 UT 2018215

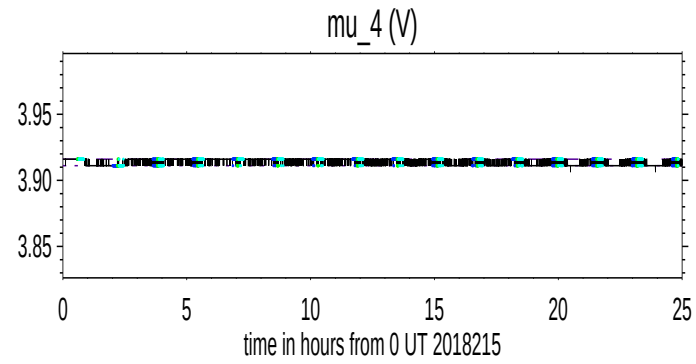

sspp_cntl_fpga_temp (C)
34
32
30
28
26
0
5
10
15
20
25
time in hours from 0 UT 2018215

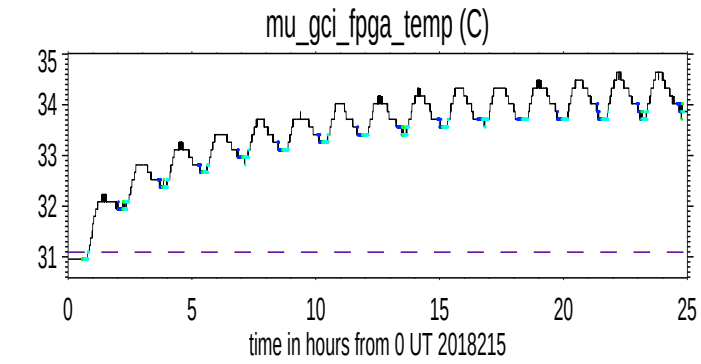

sspp_gci_brd_temp (C)
34
32
30
28
26
0
5
10
15
20
25
time in hours from 0 UT 2018215

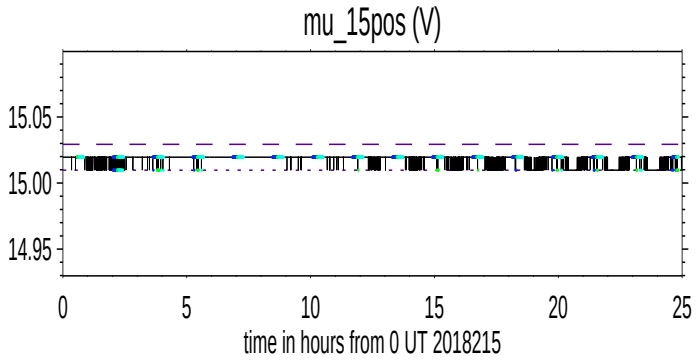

sspp_egs_xneg_zpos_temp (C)
28.0
27.5
27.0
26.5
26.0
25.5
0
5
10
15
20
25
time in hours from 0 UT 2018215

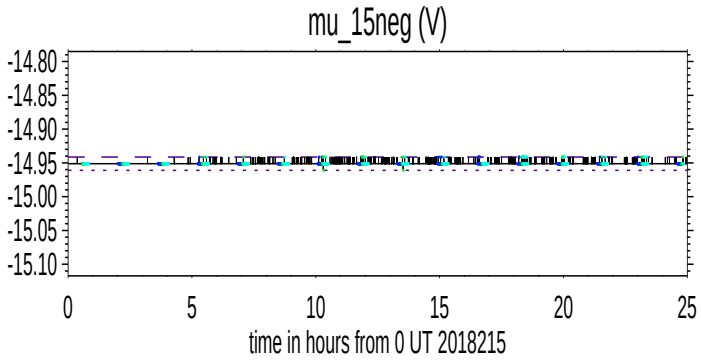

mu_adc_temp (C)
35
34
33
32
0
5
10
15
20
25
time in hours from 0 UT 2018215

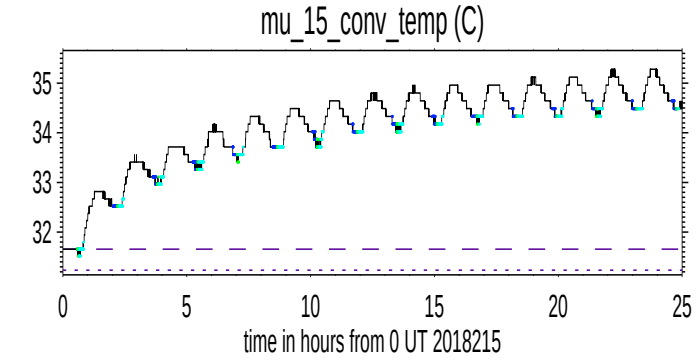

mu_adc_brd_temp (C)
32
31
30
29
0
5
10
15
20
25
time in hours from 0 UT 2018215

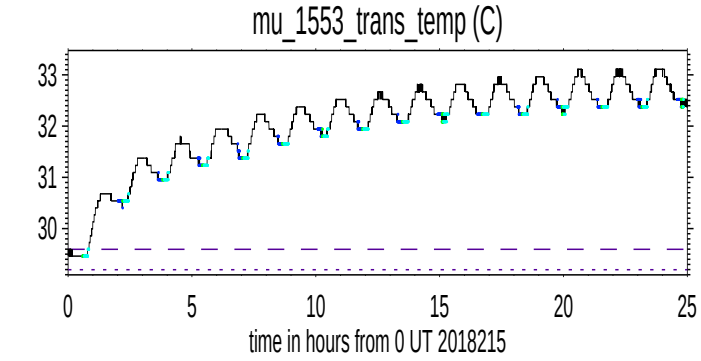

mu_4 (V)
3.95
3.90
3.85
0
5
10
15
20
25
time in hours from 0 UT 2018215

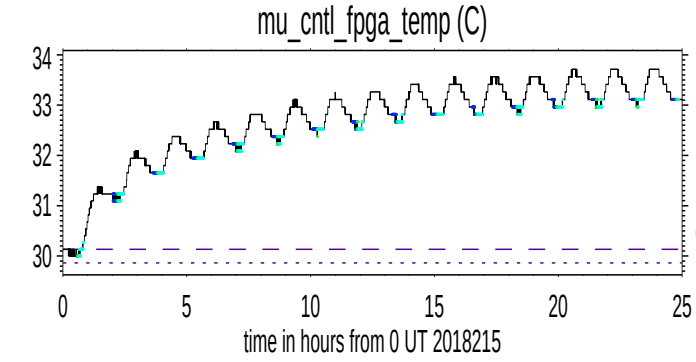

mu_gci_fpga_temp (C)
35
34
33
32
31
0
5
10
15
20
25
time in hours from 0 UT 2018215

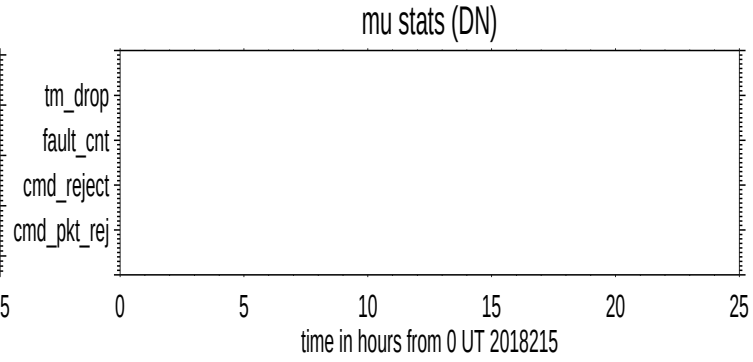

mu_15pos (V)
15.05
15.00
14.95
0
5
10
15
20
25
time in hours from 0 UT 2018215

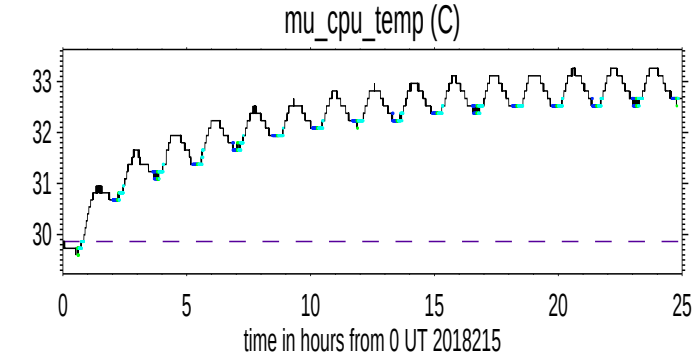

mu_15neg (V)
-14.80
-14.85
-14.90
-14.95
-15.00
-15.05
-15.10
0
5
10
15
20
25
time in hours from 0 UT 2018215

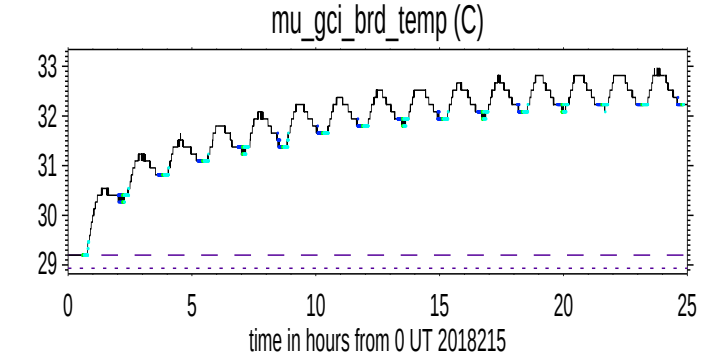

mu_15_conv_temp (C)
35
34
33
32
0
5
10
15
20
25
time in hours from 0 UT 2018215

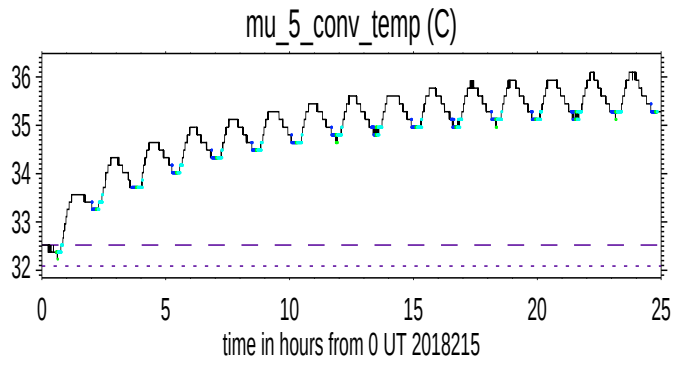

mu_1553_trans_temp (C)
33
32
31
30
0
5
10
15
20
25
time in hours from 0 UT 2018215

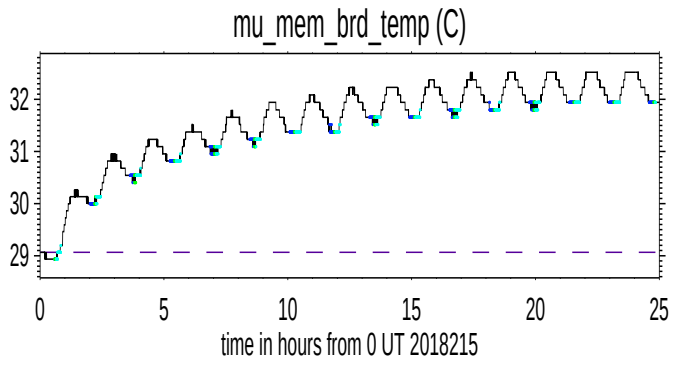

mu_cntl_fpga_temp (C)
34
33
32
31
30
0
5
10
15
20
25
time in hours from 0 UT 2018215

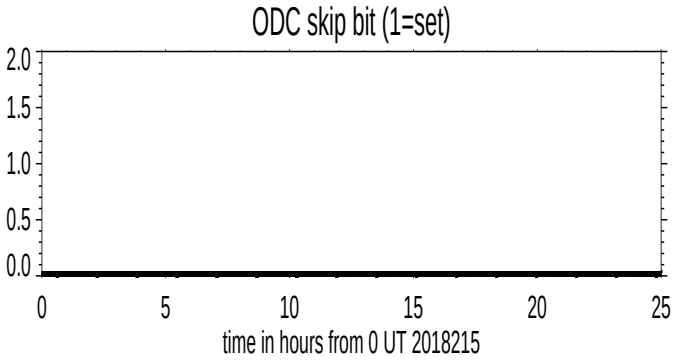

mu stats (DN)
tm_drop
fault_cnt
cmd_reject
cmd_pkt_rej
0
5
10
15
20
25
time in hours from 0 UT 2018215

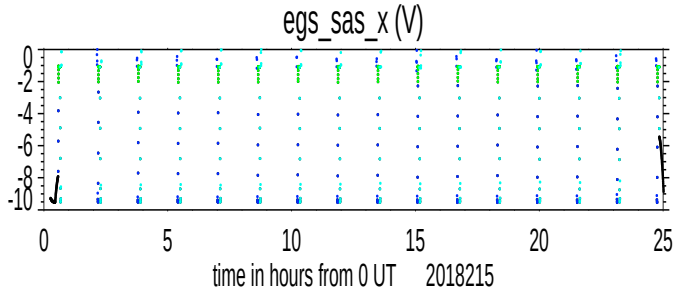

mu_cpu_temp (C)
33
32
31
30
0
5
10
15
20
25
time in hours from 0 UT 2018215

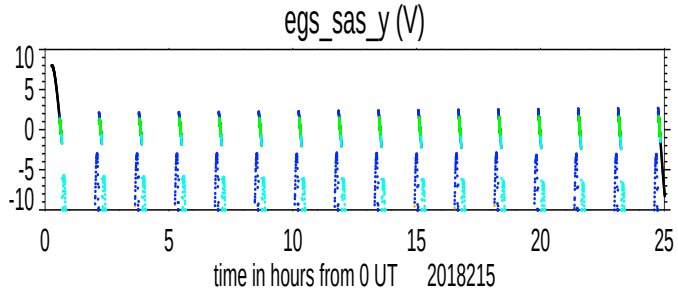

mu_gci_brd_temp (C)
33
32
31
30
29
0
5
10
15
20
25
time in hours from 0 UT 2018215

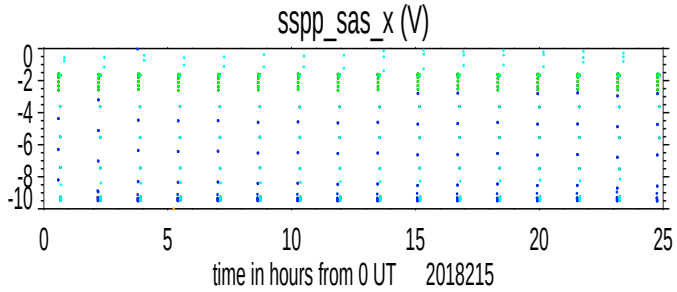

mu_5_conv_temp (C)
36
35
34
33
32
0
5
10
15
20
25
time in hours from 0 UT 2018215

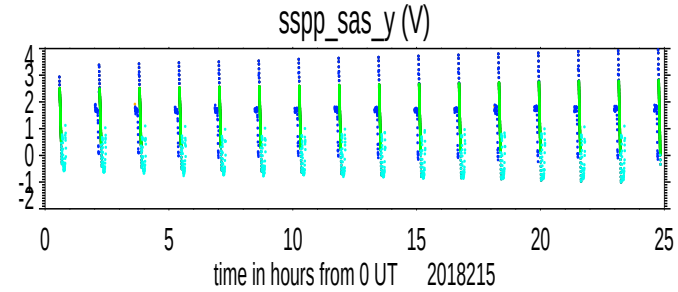

mu_mem_brd_temp (C)
32
31
30
29
0
5
10
15
20
25
time in hours from 0 UT 2018215

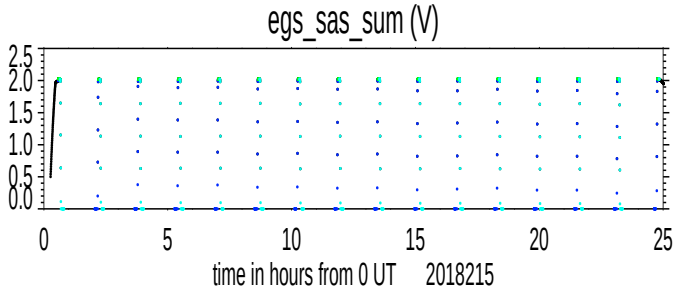

ODC skip bit (1=set)
2.0
1.5
1.0
0.5
0.0
0
5
10
15
20
25
time in hours from 0 UT 2018215

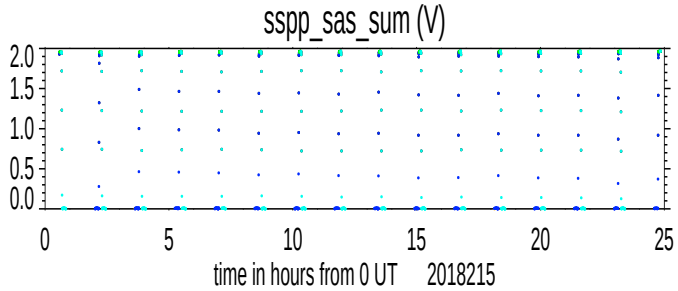

egs_sas_x (V)
time in hours from 0 UT 2018215

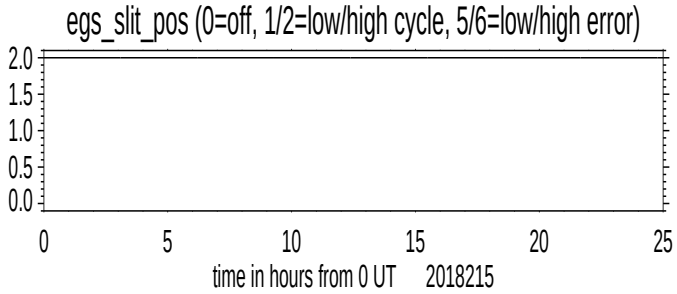

egs_sas_y (V)
time in hours from 0 UT 2018215

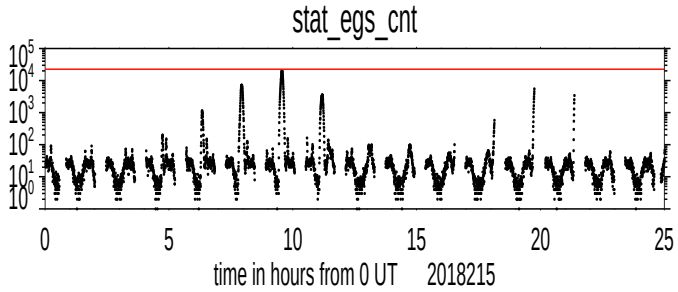

sspp_sas_x (V)
time in hours from 0 UT 2018215

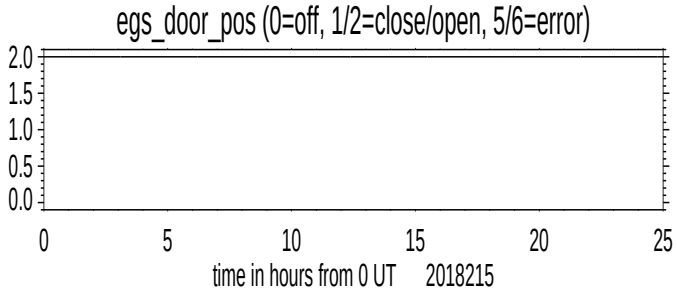

sspp_sas_y (V)
time in hours from 0 UT 2018215

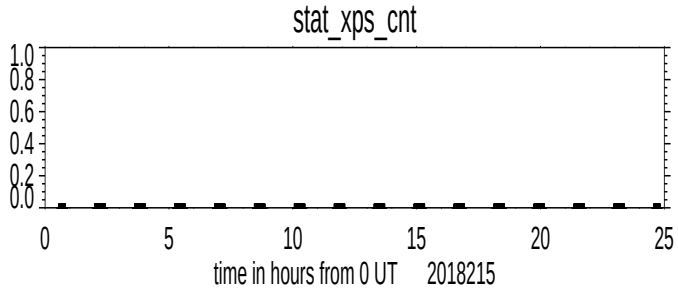

egs_sas_sum (V)
time in hours from 0 UT 2018215

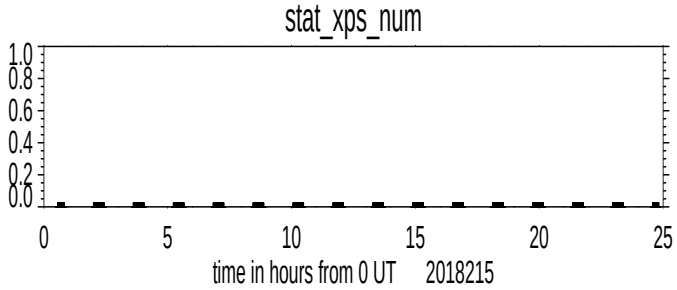

sspp_sas_sum (V)
time in hours from 0 UT 2018215

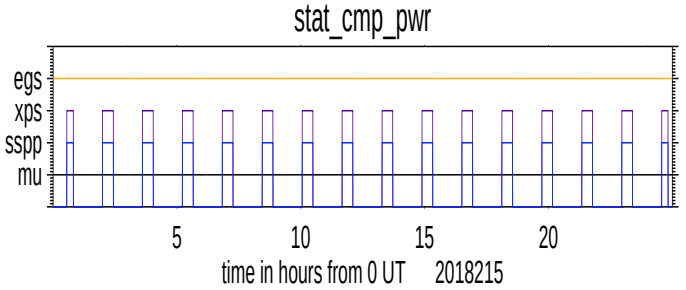

egs_slit_pos (0=off, 1/2=low/high cycle, 5/6=low/high error)
time in hours from 0 UT 2018215


stat_egs_cnt
time in hours from 0 UT 2018215

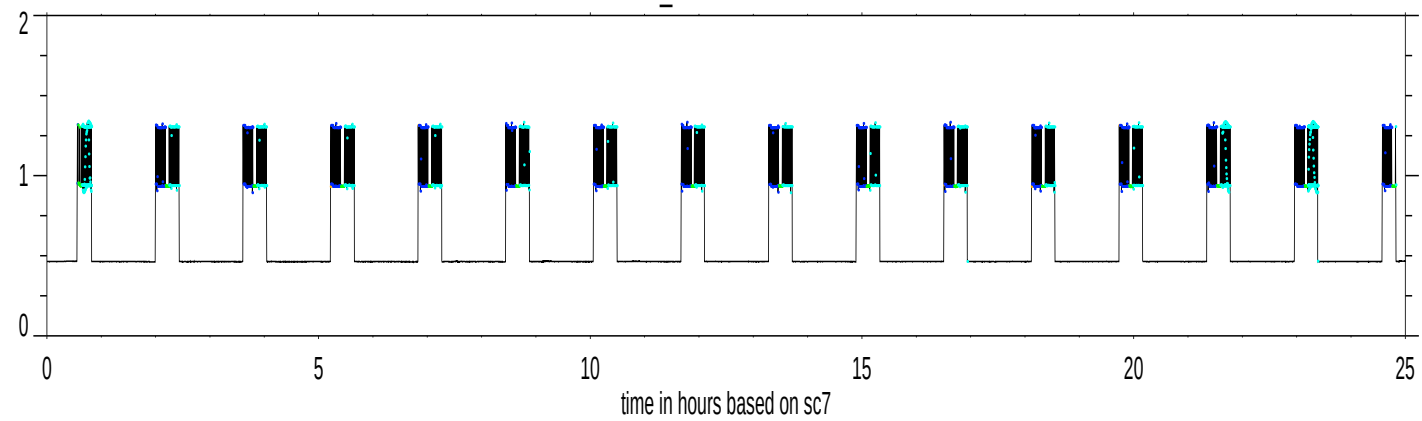

egs_door_pos (0=off, 1/2=close/open, 5/6=error)
time in hours from 0 UT 2018215


stat_xps_cnt
time in hours from 0 UT 2018215

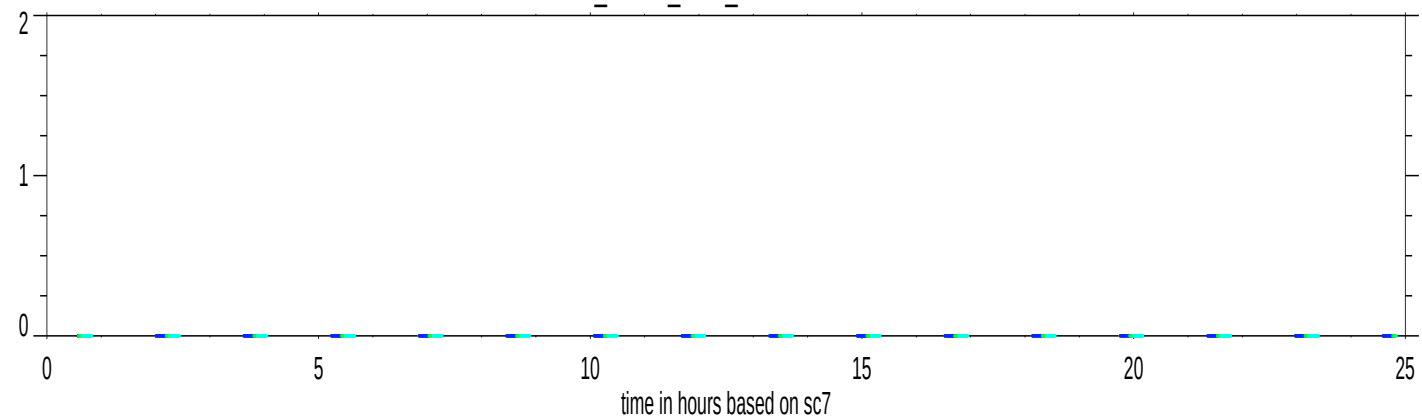

stat_xps_num
time in hours from 0 UT 2018215


stat_cmp_pwr
egs
xps
sspp
mu
time in hours from 0 UT 2018215

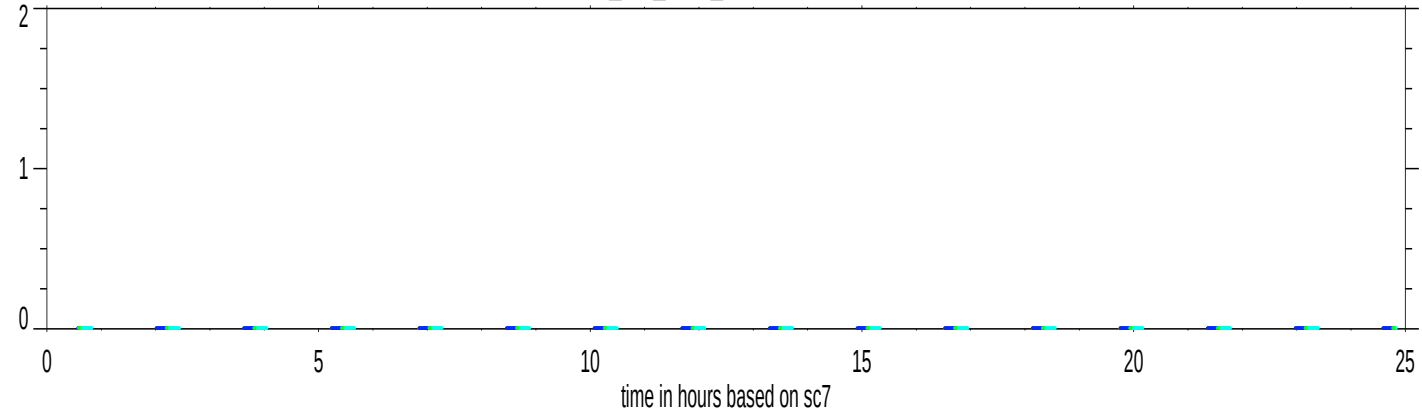
SEE_CUR 2018215



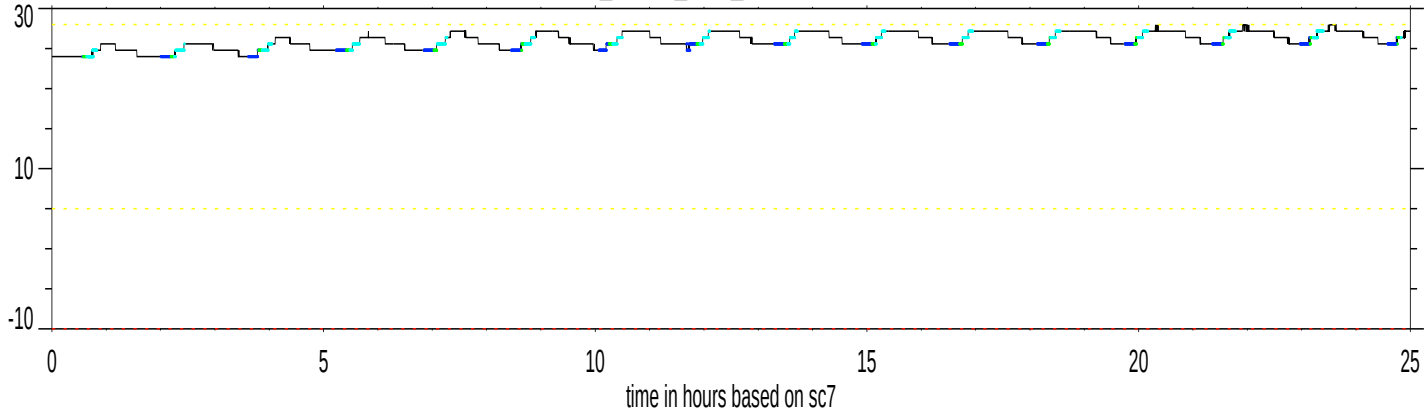
SEE_SURV_HTR_CUR 2018215

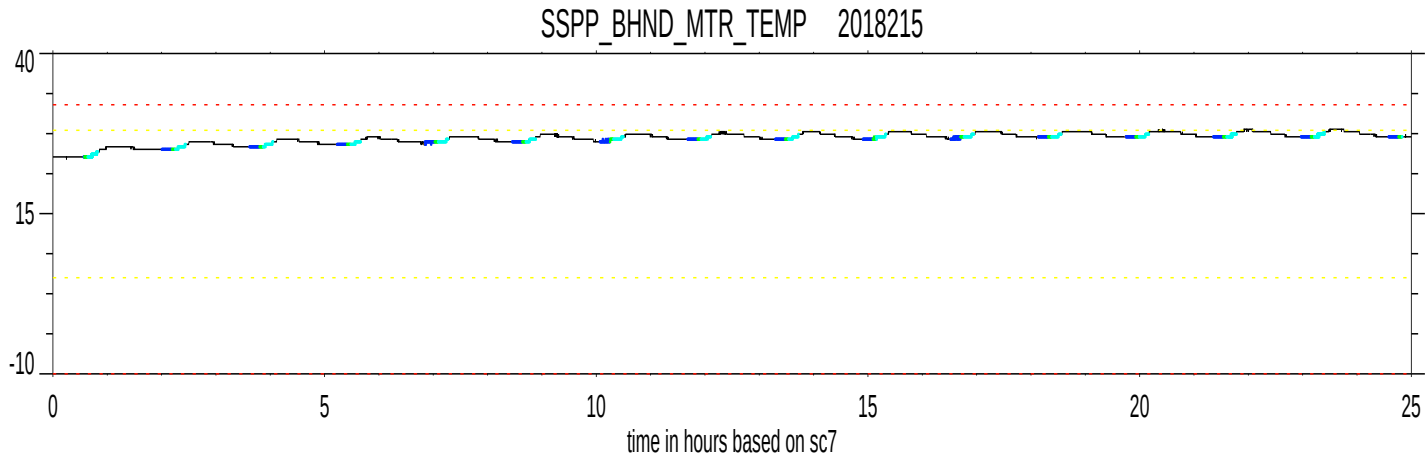


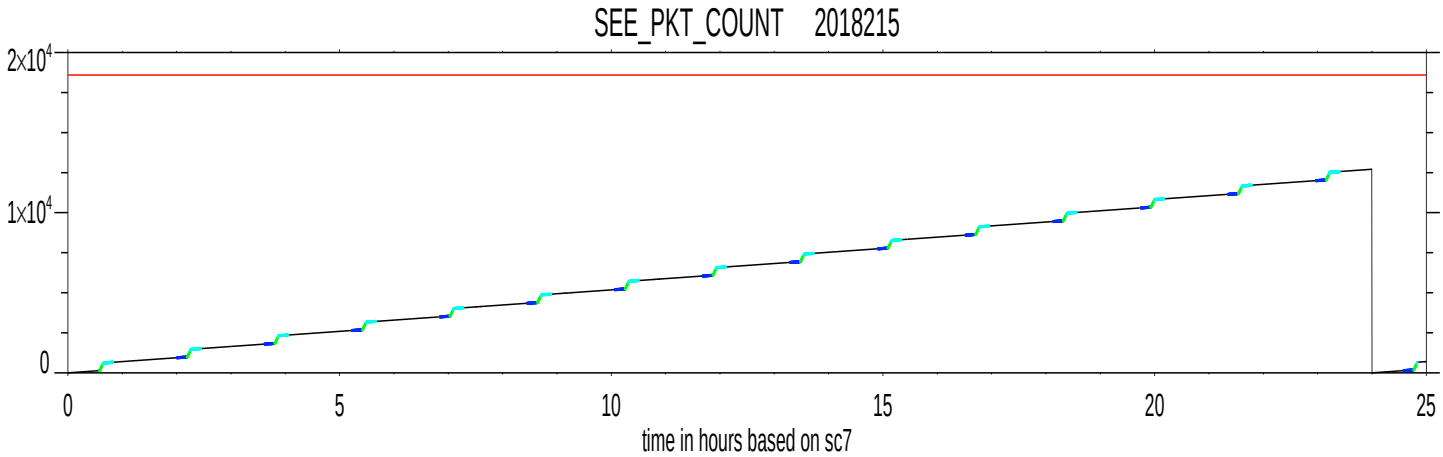
SEE_OP_HTR_CUR 2018215

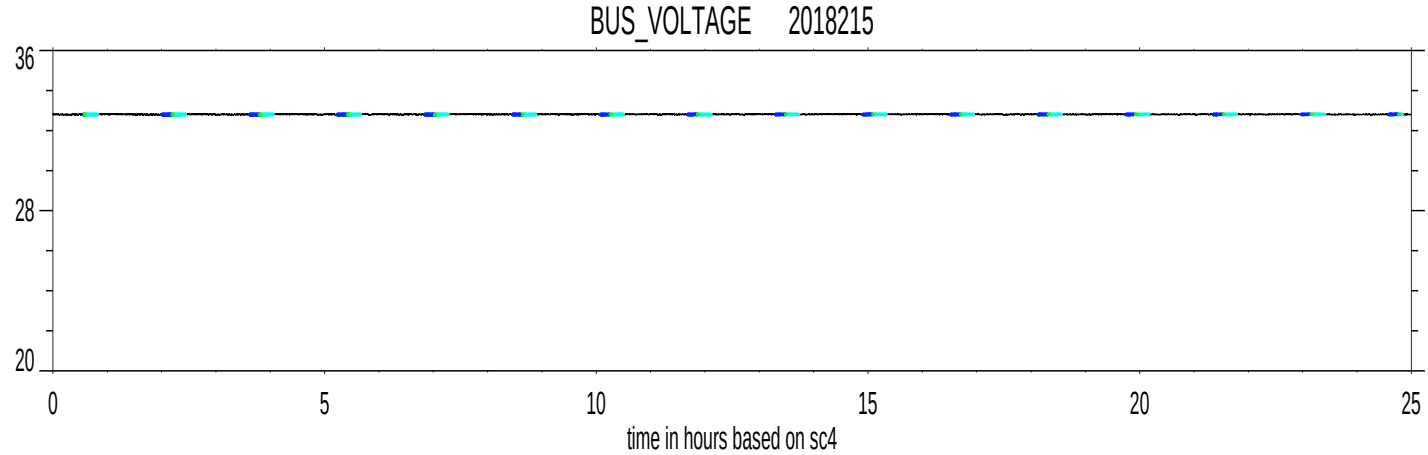


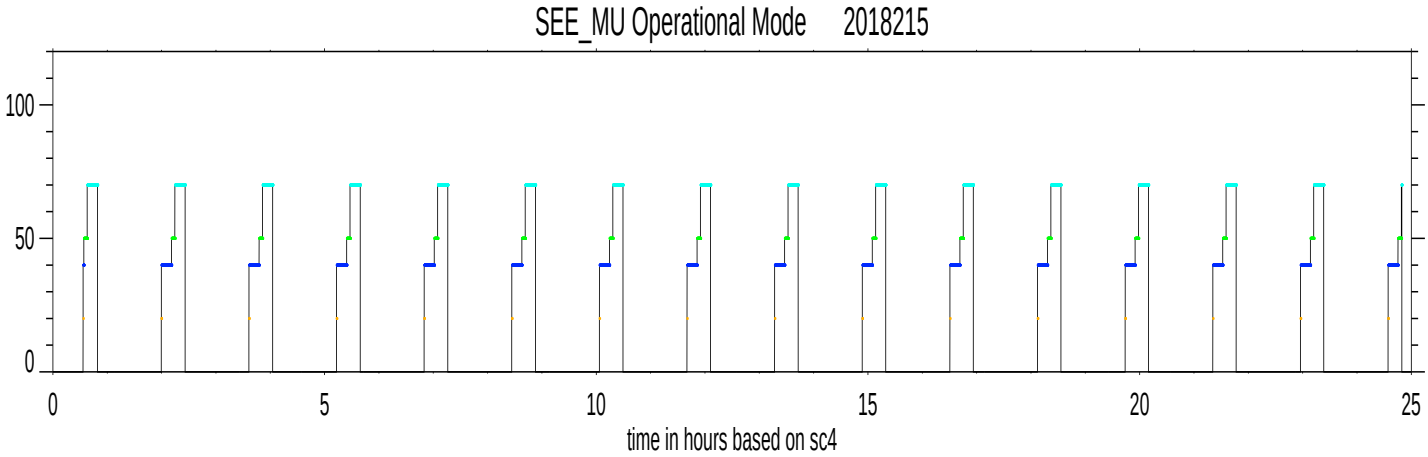
SSPP_BHND_XPS_TEMP 2018215

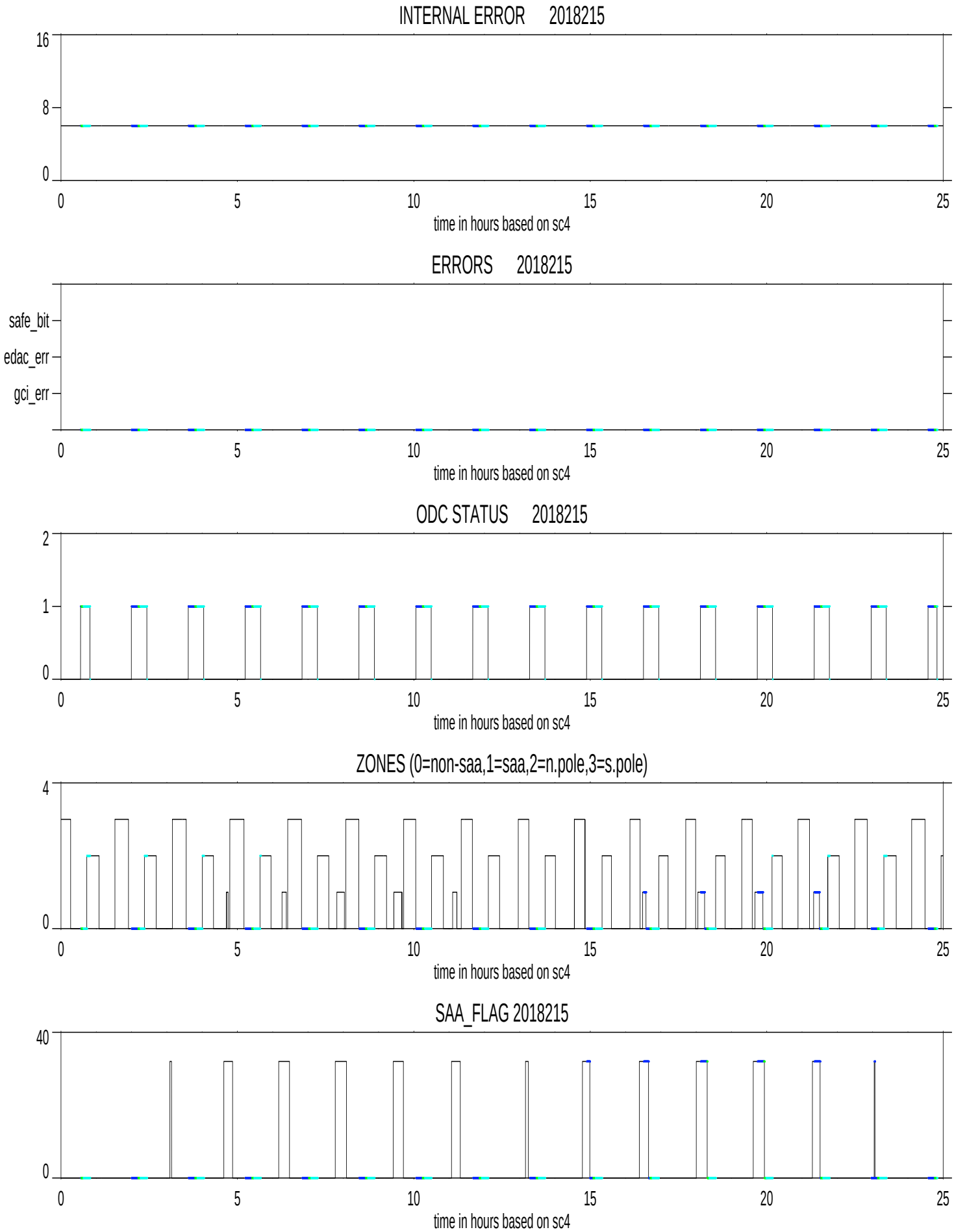


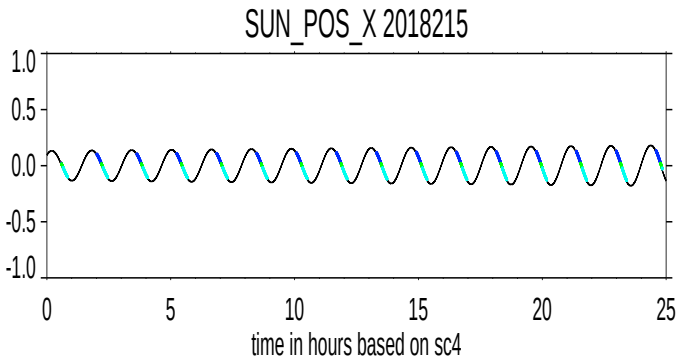

SSPP_BHND_MTR_TEMP 2018215
40
15
-10
0
5
10
15
20
25
time in hours based on sc7

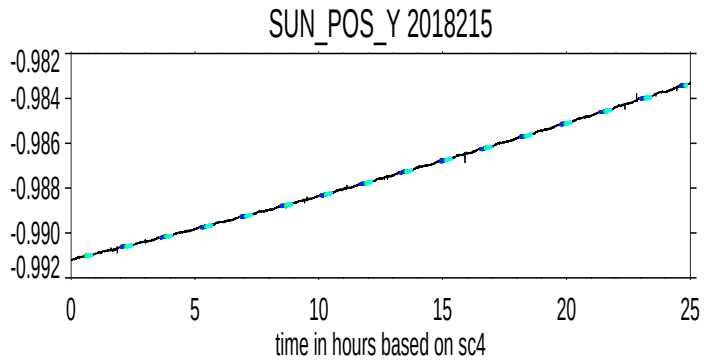

SEE_PKT_COUNT 2018215
2x10^4
1x10^4
0
0
5
10
15
20
25
time in hours based on sc7

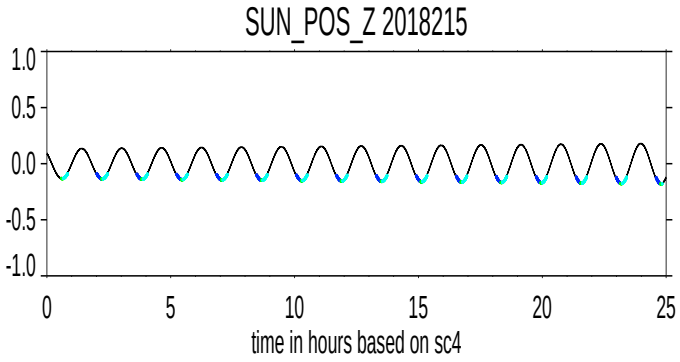

BUS_VOLTAGE 2018215
36
28
20
0
5
10
15
20
25
time in hours based on sc4

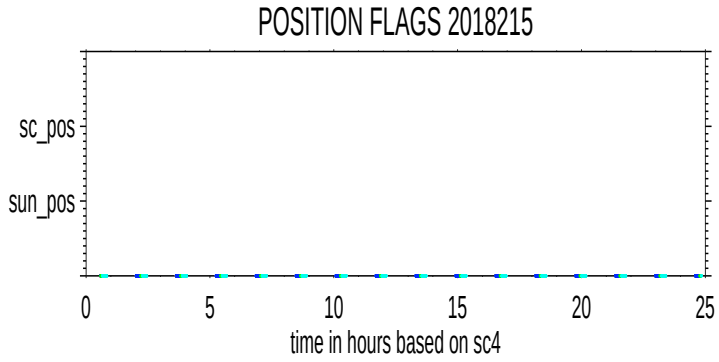

SEE_MU Operational Mode 2018215
100
50
0
0
5
10
15
20
25
time in hours based on sc4

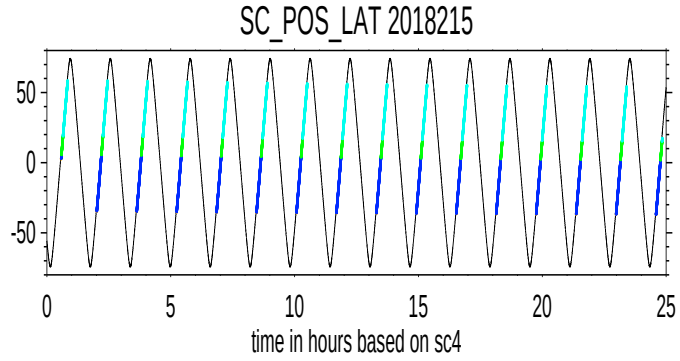

INTERNAL ERROR 2018215
16
8
0
0
5
10
15
20
25
time in hours based on sc4
ERRORS 2018215
safe_bit
edac_err
gci_err
0
5
10
15
20
25
time in hours based on sc4
ODC STATUS 2018215
2
1
0
0
5
10
15
20
25
time in hours based on sc4
ZONES (0=non-saa,1=saa,2=n.pole,3=s.pole)
4
0
0
5
10
15
20
25
time in hours based on sc4
SAA_FLAG 2018215
40
0
0
5
10
15
20
25
time in hours based on sc4

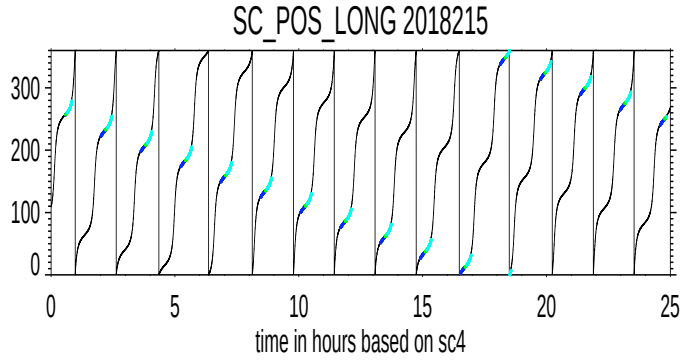

SUN_POS_X 2018215
1.0
0.5
0.0
-0.5
-1.0
0
5
10
15
20
25
time in hours based on sc4

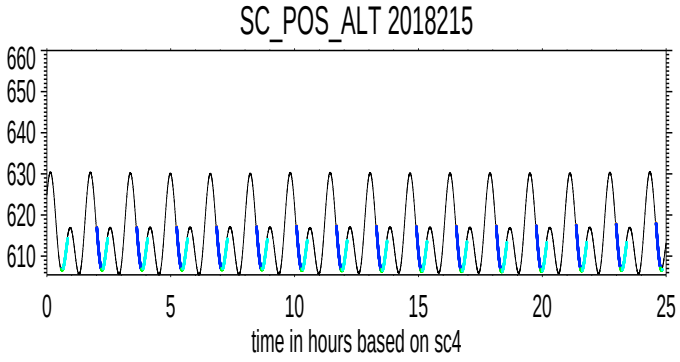

SUN_POS_Y 2018215
-0.982
-0.984
-0.986
-0.988
-0.990
-0.992
0
5
10
15
20
25
time in hours based on sc4

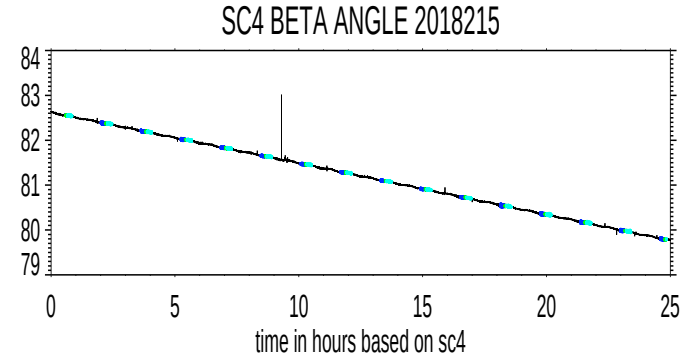

SUN_POS_Z 2018215
1.0
0.5
0.0
-0.5
-1.0
0
5
10
15
20
25
time in hours based on sc4


POSITION FLAGS 2018215
sc_pos
sun_pos
0
5
10
15
20
25
time in hours based on sc4


SC_POS_LAT 2018215
50
0
-50
0
5
10
15
20
25
time in hours based on sc4


SC_POS_LONG 2018215
300
200
100
0
0
5
10
15
20
25
time in hours based on sc4


SC_POS_ALT 2018215
660
650
640
630
620
610
0
5
10
15
20
25
time in hours based on sc4


SC4 BETA ANGLE 2018215
84
83
82
81
80
79
0
5
10
15
20
25
time in hours based on sc4