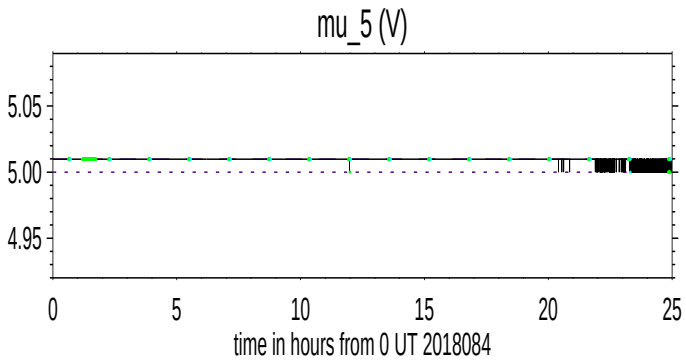
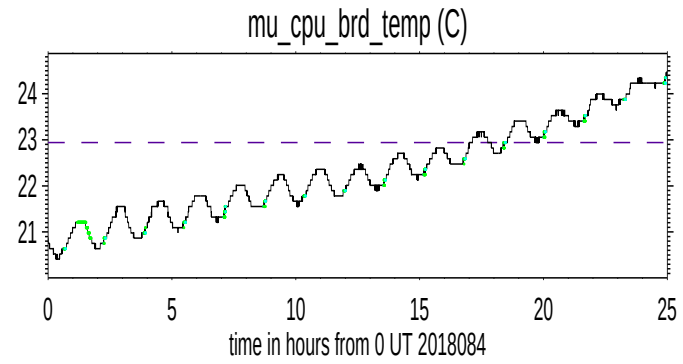
Information for 2018084


mu_5 (V)
5.05
5.00
4.95
0
5
10
15
20
25
time in hours from 0 UT 2018084


mu_cpu_brd_temp (C)
24
23
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21
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5
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15
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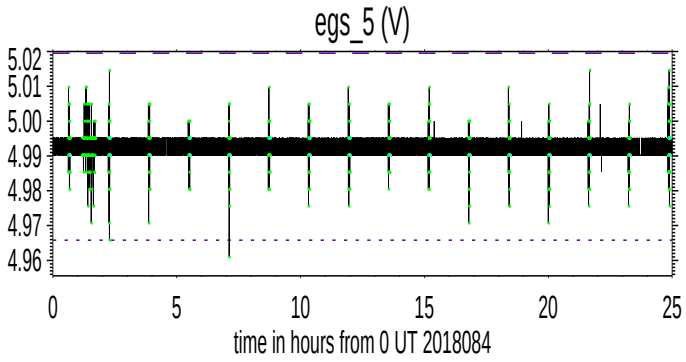
25
time in hours from 0 UT 2018084


egs_5 (V)
5.02
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5.00
4.99
4.98
4.97
4.96
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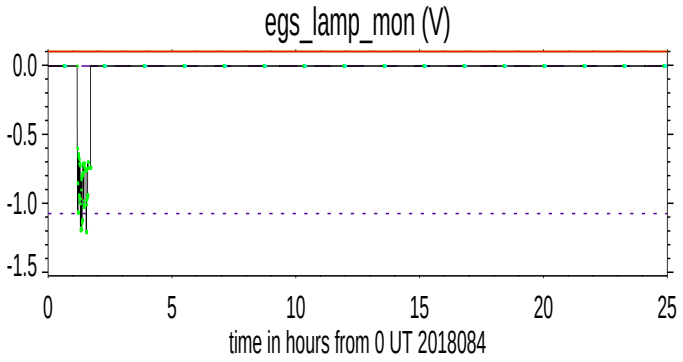
5
10
15
20
25
time in hours from 0 UT 2018084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-1.0
-1.5
0
5
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15
20
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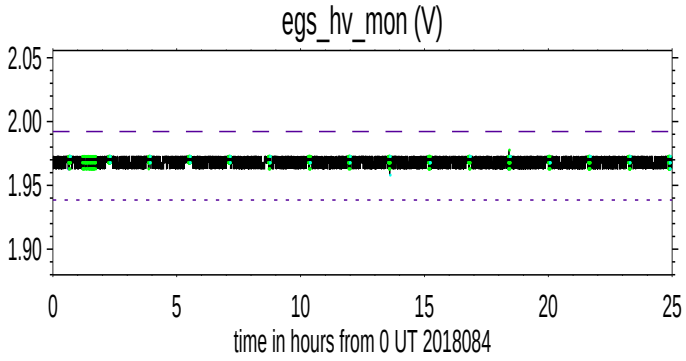
time in hours from 0 UT 2018084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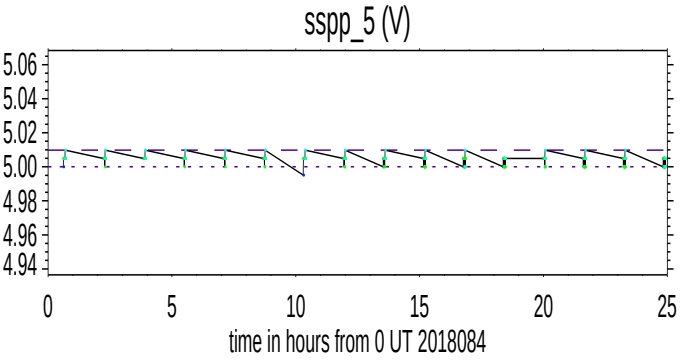
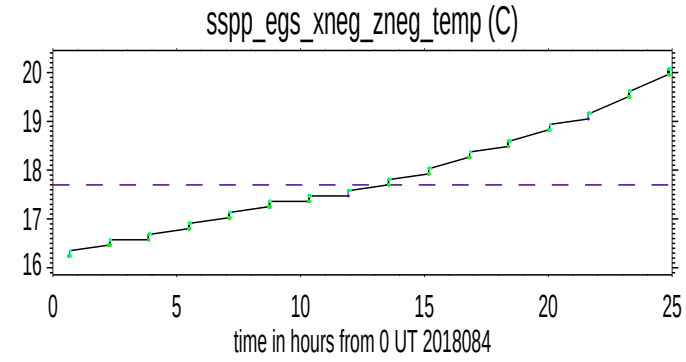
2.05
2.00
1.95
1.90
0
5
10
15
20
25
time in hours from 0 UT 2018084


sspp_5 (V)
5.06
5.04
5.02
5.00
4.98
4.96
4.94
0
5
10
15
20
25
time in hours from 0 UT 2018084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20
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18
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16
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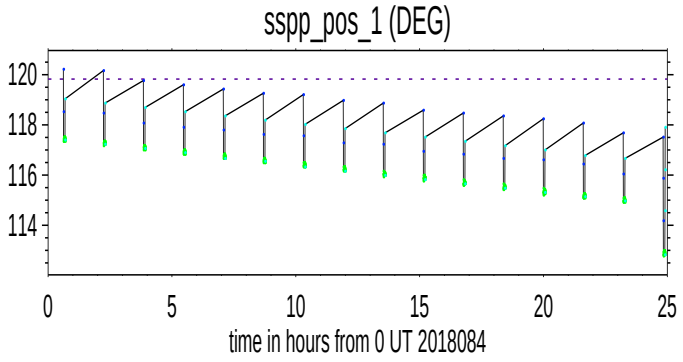
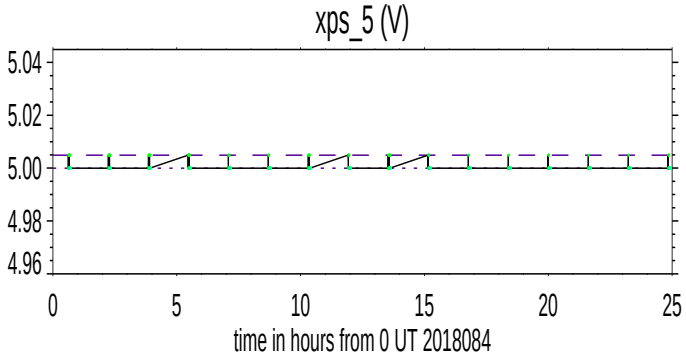
5
10
15
20
25
time in hours from 0 UT 2018084


sspp_pos_1 (DEG)
120
118
116
114
0
5
10
15
20
25
time in hours from 0 UT 2018084


xps_5 (V)
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5.02
5.00
4.98
4.96
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5
10
15
20
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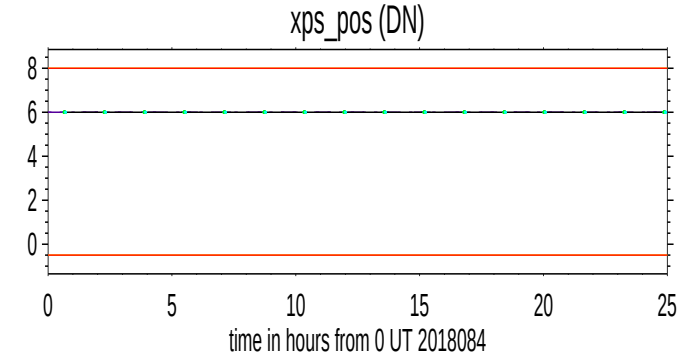
time in hours from 0 UT 2018084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8
6
4
2
0
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10
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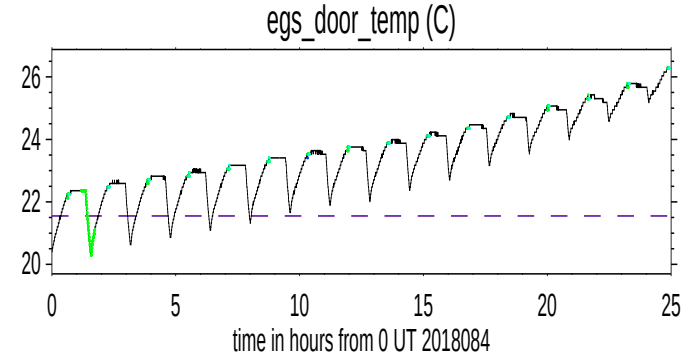
time in hours from 0 UT 2018084


egs_door_temp (C)
26
24
22
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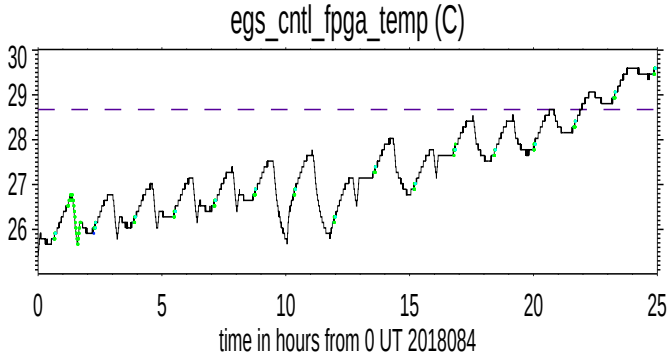
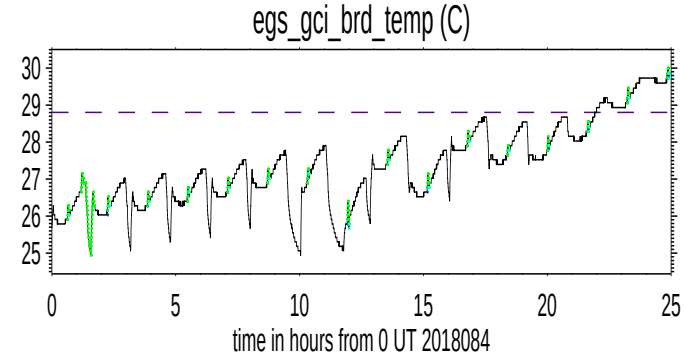
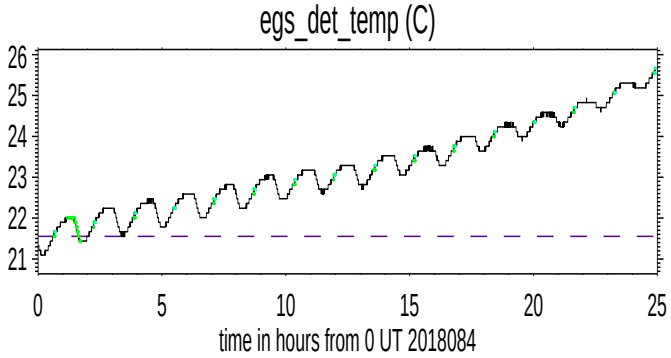
5
10
15
20
25
time in hours from 0 UT 2018084


egs_cntl_fpga_temp (C)
30
29
28
27
26
0
5
10
15
20
25
time in hours from 0 UT 2018084


egs_gci_brd_temp (C)
30
29
28
27
26
25
0
5
10
15
20
25
time in hours from 0 UT 2018084


egs_det_temp (C)
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25
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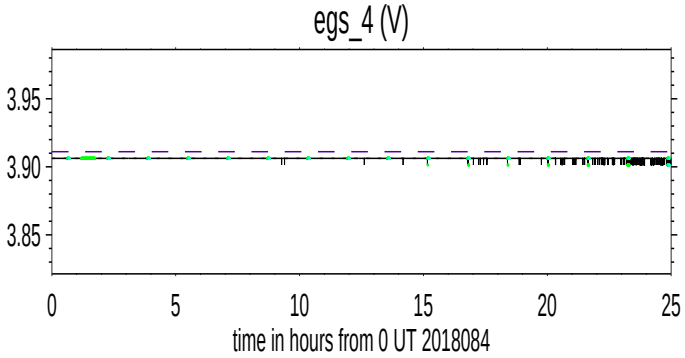
22
21
0
5
10
15
20
25
time in hours from 0 UT 2018084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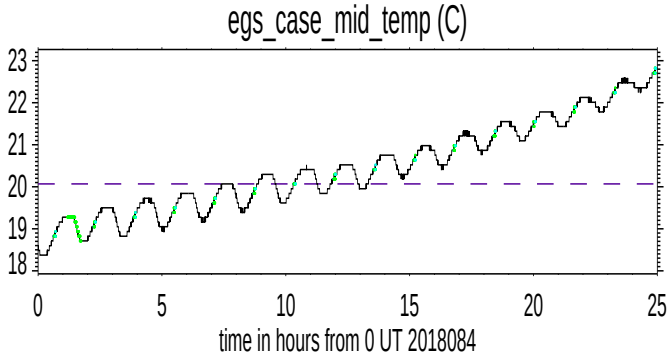
3.95
3.90
3.85
0
5
10
15
20
25
time in hours from 0 UT 2018084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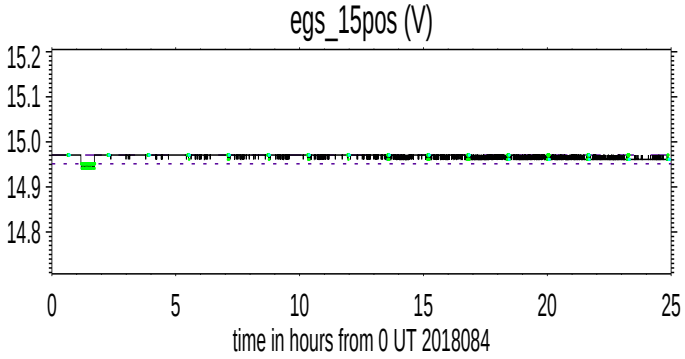
22
21
20
19
18
0
5
10
15
20
25
time in hours from 0 UT 2018084


egs_15pos (V)
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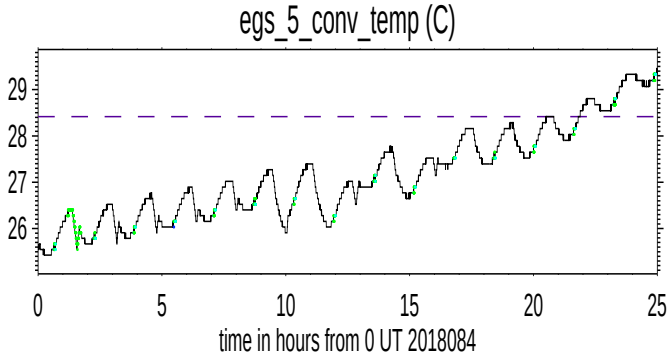
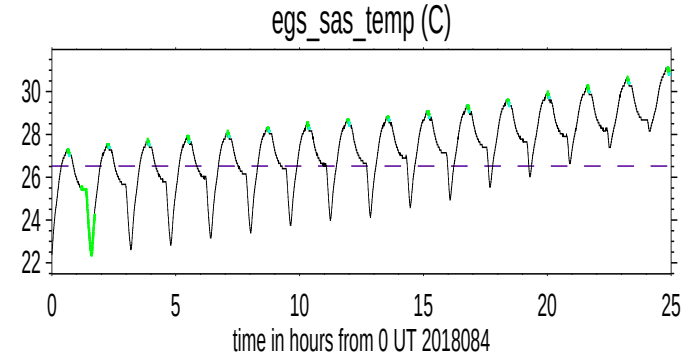
15.1
15.0
14.9
14.8
0
5
10
15
20
25
time in hours from 0 UT 2018084


egs_5_conv_temp (C)
29
28
27
26
0
5
10
15
20
25
time in hours from 0 UT 2018084


egs_sas_temp (C)
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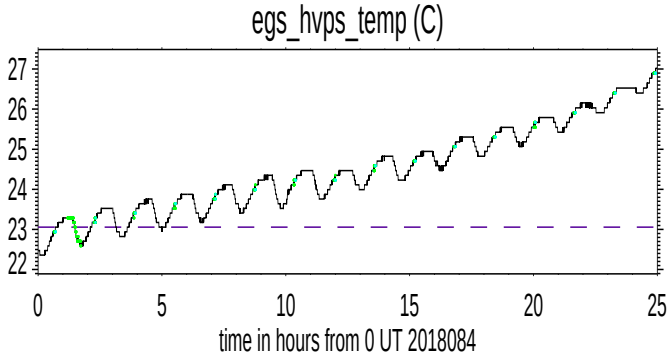
28
26
24
22
0
5
10
15
20
25
time in hours from 0 UT 2018084


egs_hvps_temp (C)
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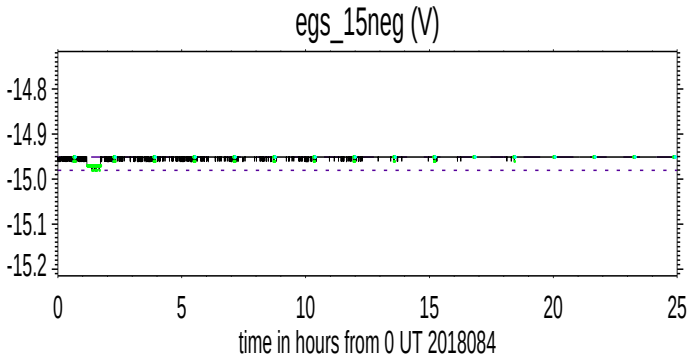
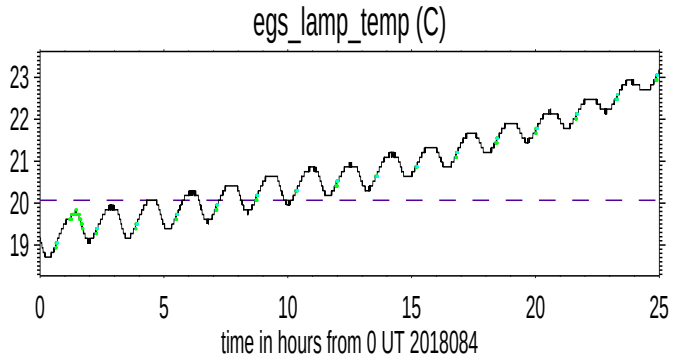
26
25
24
23
22
0
5
10
15
20
25
time in hours from 0 UT 2018084


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 2018084


egs_lamp_temp (C)
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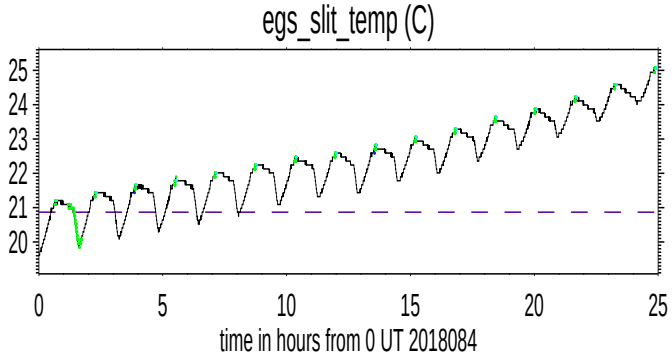
22
21
20
19
0 5 10 15 20 25
time in hours from 0 UT 2018084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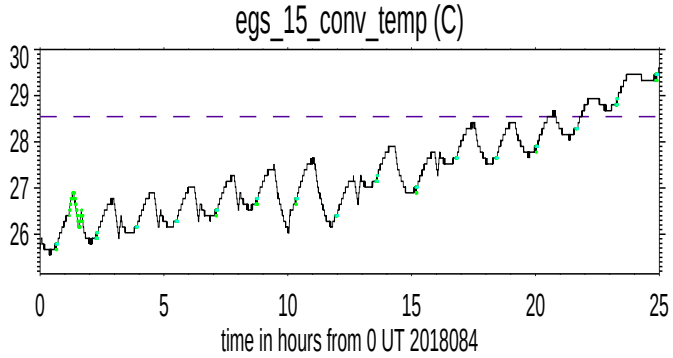
23
22
21
20
0 5 10 15 20 25
time in hours from 0 UT 2018084


egs_15_conv_temp (C)
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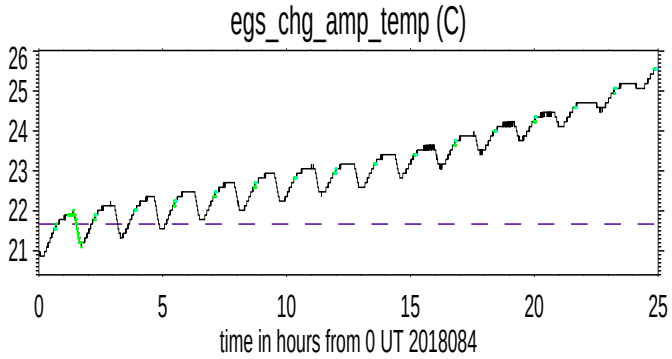
27
26
0 5 10 15 20 25
time in hours from 0 UT 2018084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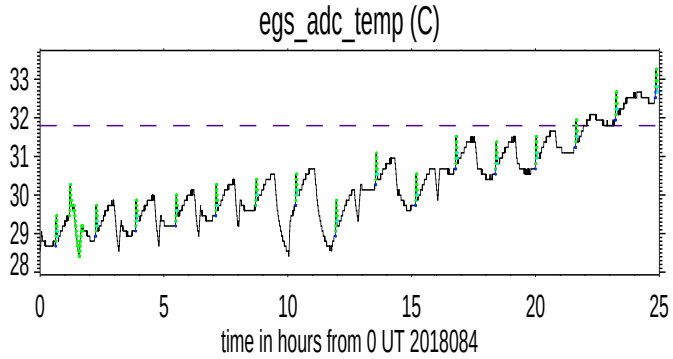
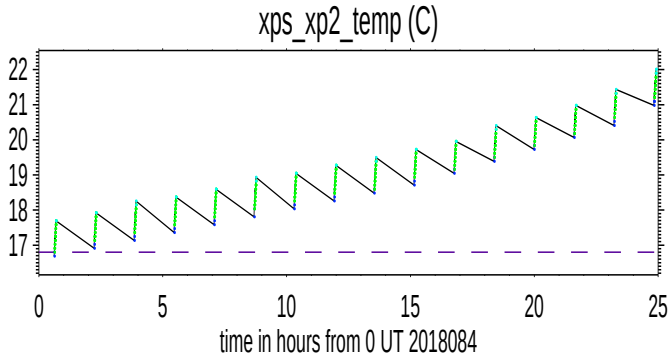
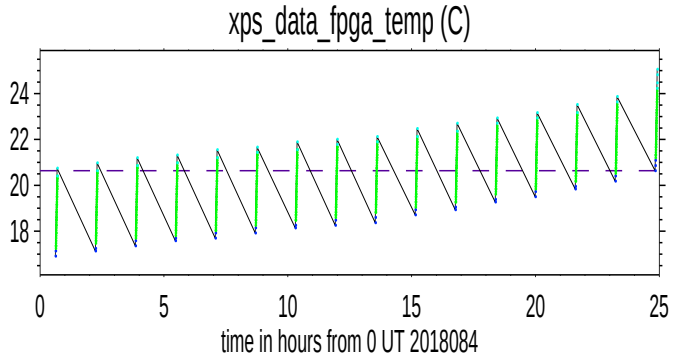
25
24
23
22
21
0 5 10 15 20 25
time in hours from 0 UT 2018084


egs_adc_temp (C)
33
32
31
30
29
28
0 5 10 15 20 25
time in hours from 0 UT 2018084


xps_xp2_temp (C)
22
21
20
19
18
17
0 5 10 15 20 25
time in hours from 0 UT 2018084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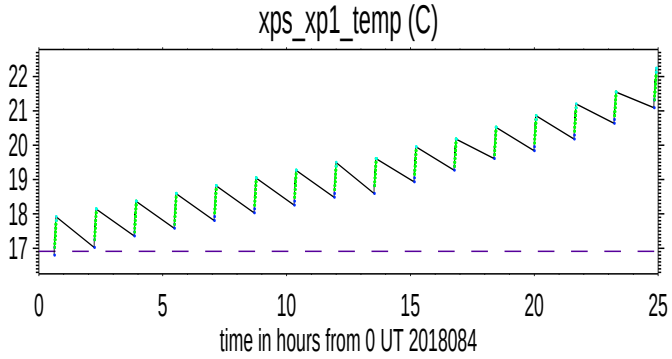
22
20
18
0 5 10 15 20 25
time in hours from 0 UT 2018084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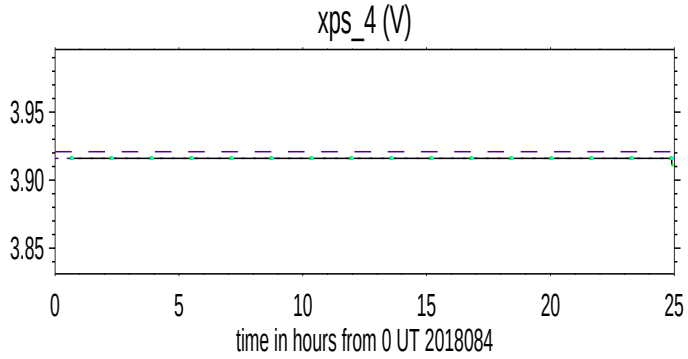
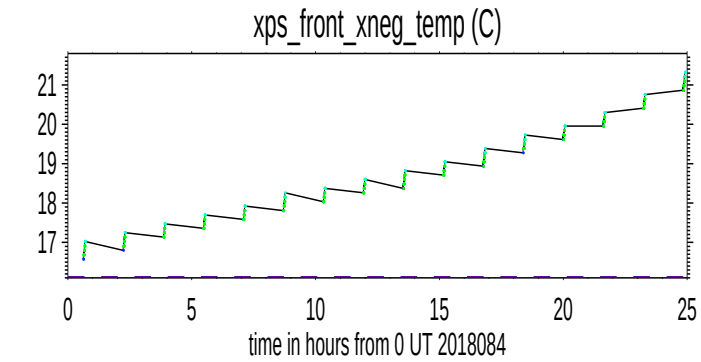
18
17
0 5 10 15 20 25
time in hours from 0 UT 2018084


xps_4 (V)
3.95
3.90
3.85
0 5 10 15 20 25
time in hours from 0 UT 2018084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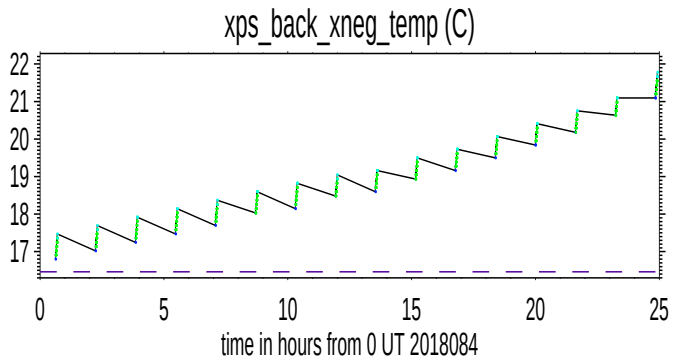
18
17
0
5
10
15
20
25
time in hours from 0 UT 2018084


xps_back_xneg_temp (C)
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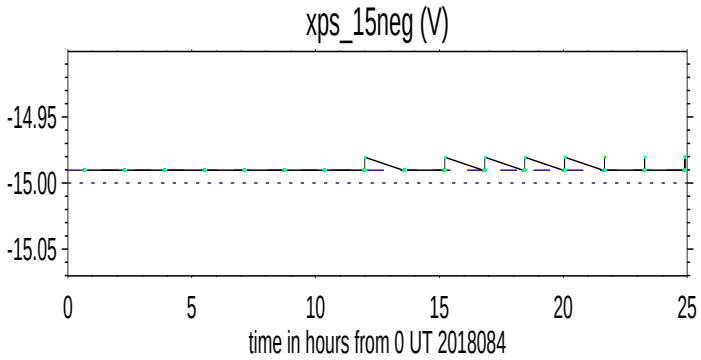
19
18
17
0
5
10
15
20
25
time in hours from 0 UT 2018084


xps_15neg (V)
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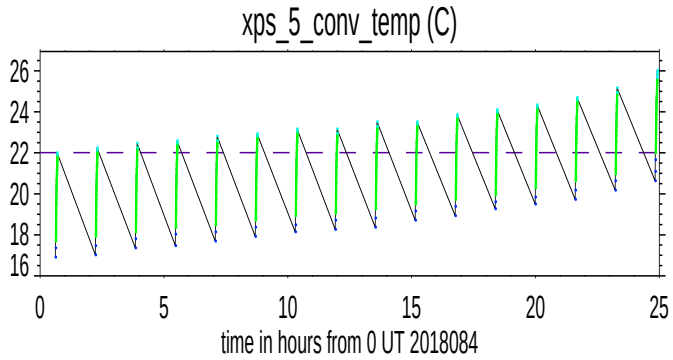
-15.05
0
5
10
15
20
25
time in hours from 0 UT 2018084


xps_5_conv_temp (C)
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16
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5
10
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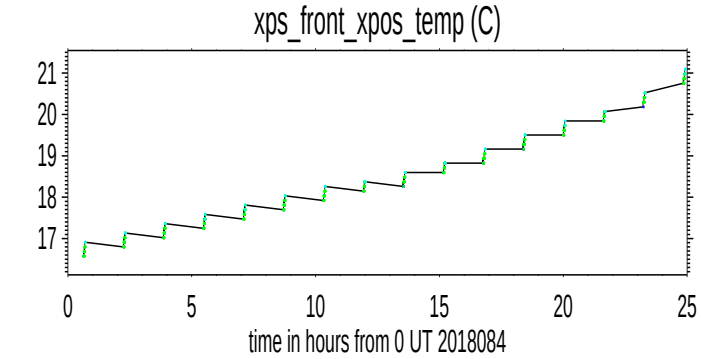
20
25
time in hours from 0 UT 2018084


xps_front_xpos_temp (C)
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18
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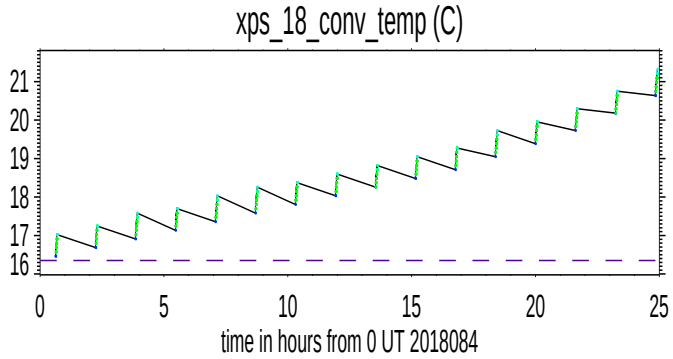
5
10
15
20
25
time in hours from 0 UT 2018084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16
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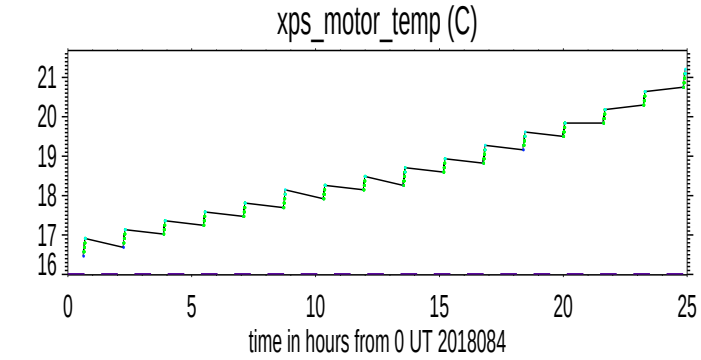
5
10
15
20
25
time in hours from 0 UT 2018084


xps_motor_temp (C)
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16
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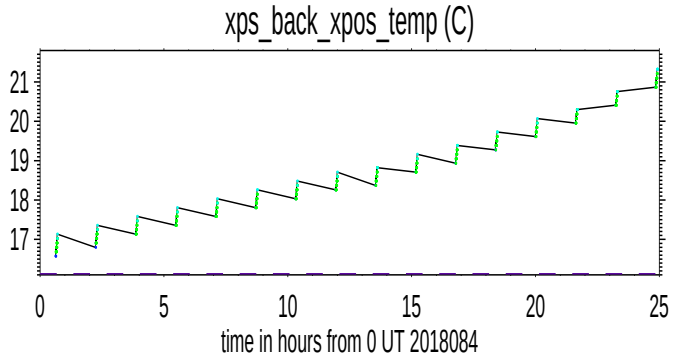
5
10
15
20
25
time in hours from 0 UT 2018084


xps_back_xpos_temp (C)
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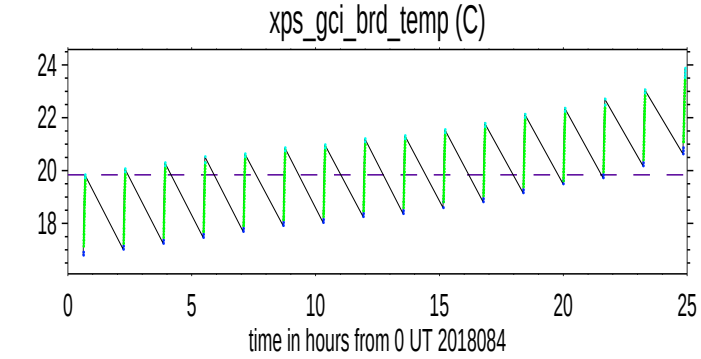
18
17
0
5
10
15
20
25
time in hours from 0 UT 2018084


xps_gci_brd_temp (C)
24
22
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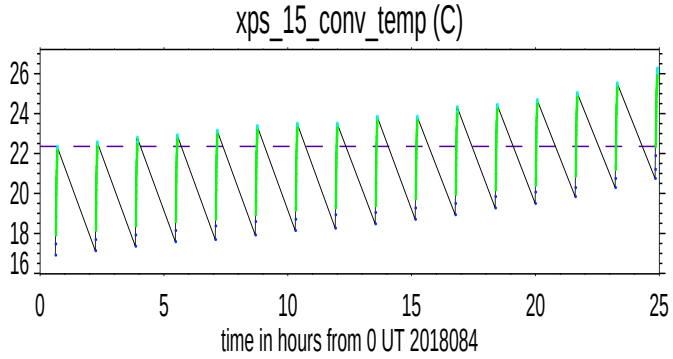
18
0
5
10
15
20
25
time in hours from 0 UT 2018084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20
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16
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5
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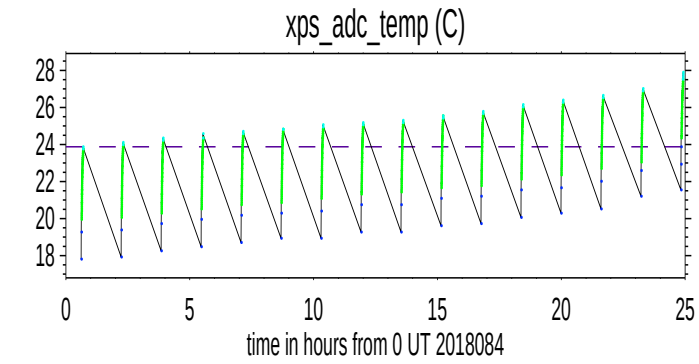
25
time in hours from 0 UT 2018084


xps_adc_temp (C)
28
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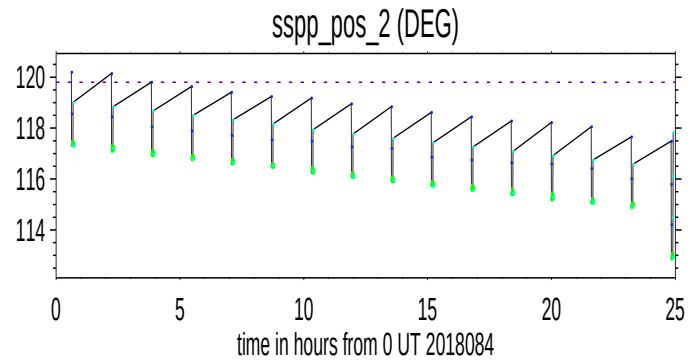
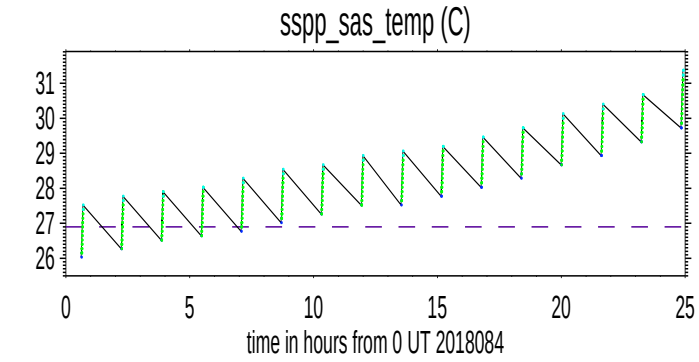
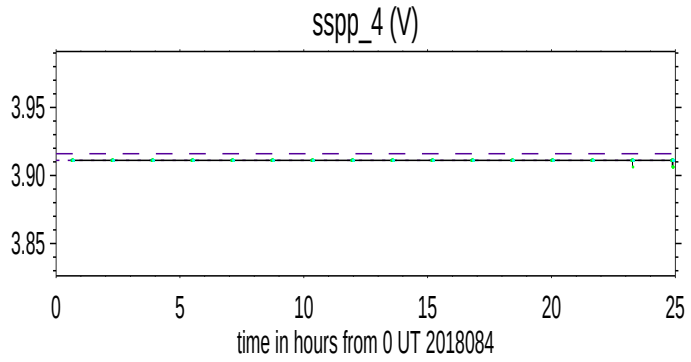
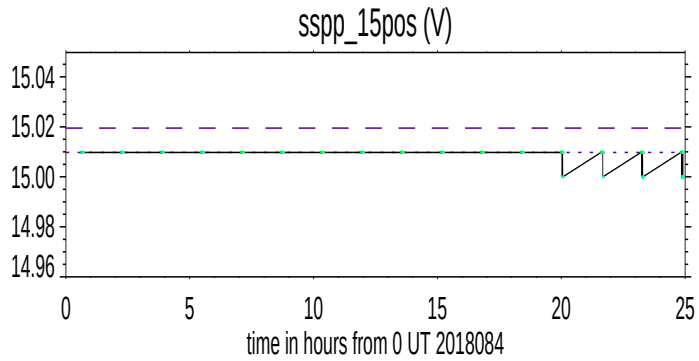
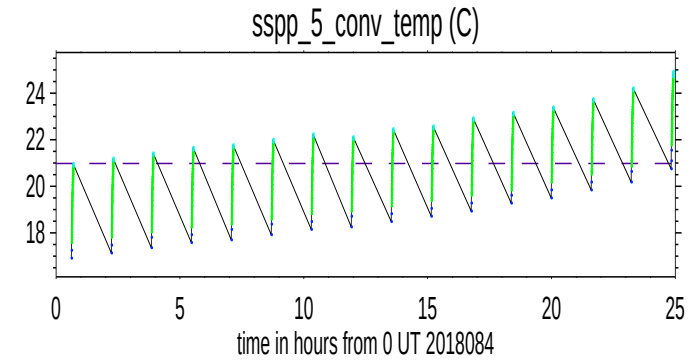
25
time in hours from 0 UT 2018084

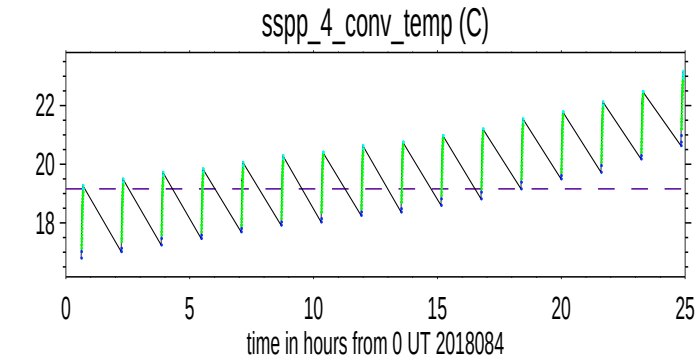

sspp_pos_2 (DEG)
120
118
116
114
0
5
10
15
20
25
time in hours from 0 UT 2018084

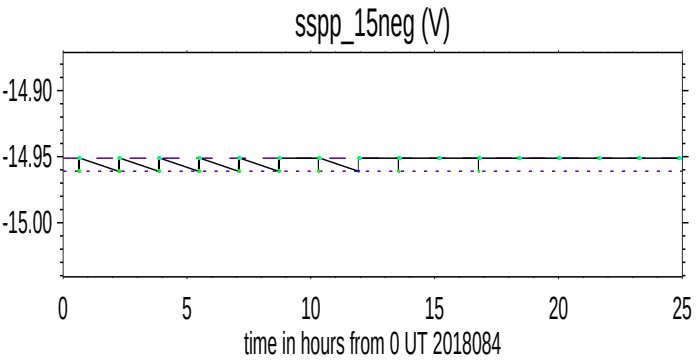

sspp_sas_temp (C)
31
30
29
28
27
26
0
5
10
15
20
25
time in hours from 0 UT 2018084

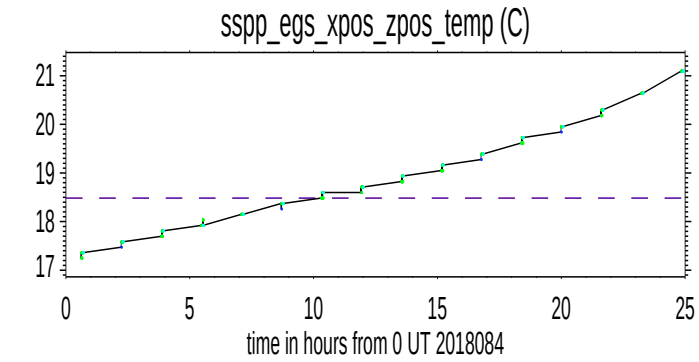

sspp_4 (V)
3.95
3.90
3.85
0
5
10
15
20
25
time in hours from 0 UT 2018084

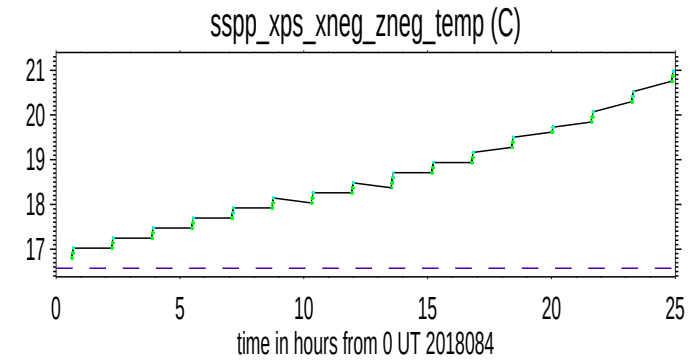

sspp_15pos (V)
15.04
15.02
15.00
14.98
14.96
0
5
10
15
20
25
time in hours from 0 UT 2018084

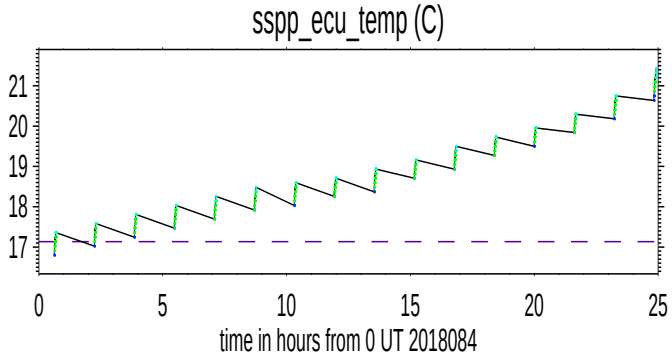

sspp_5_conv_temp (C)
24
22
20
18
0
5
10
15
20
25
time in hours from 0 UT 2018084

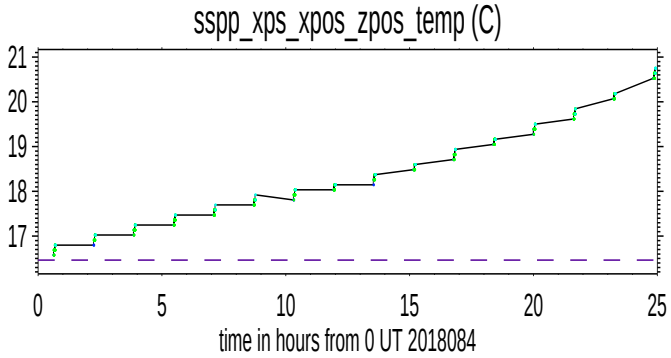

sspp_4_conv_temp (C)
22
20
18
0
5
10
15
20
25
time in hours from 0 UT 2018084

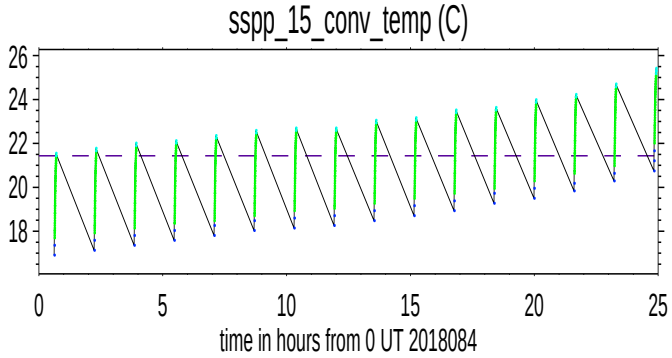

sspp_15neg (V)
-14.90
-14.95
-15.00
0
5
10
15
20
25
time in hours from 0 UT 2018084

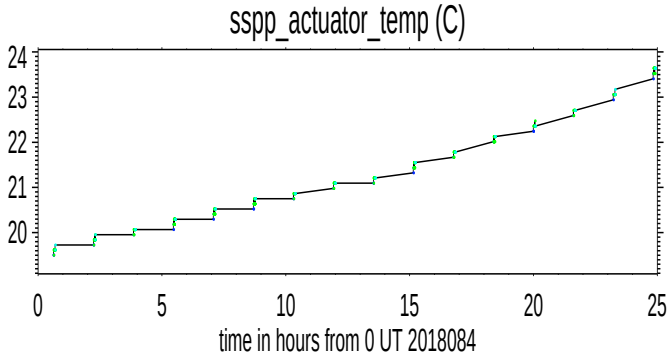

sspp_egs_xpos_zpos_temp (C)
21
20
19
18
17
0
5
10
15
20
25
time in hours from 0 UT 2018084

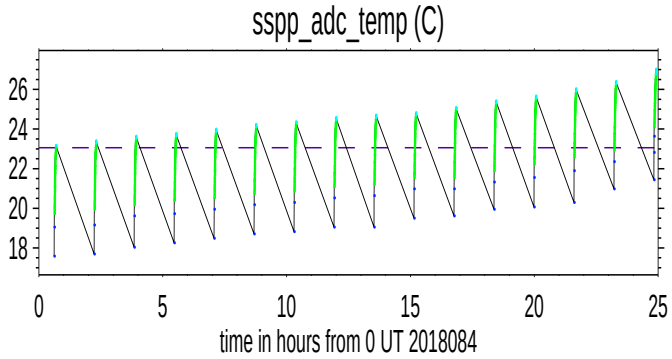

sspp_xps_xneg_zneg_temp (C)
21
20
19
18
17
0
5
10
15
20
25
time in hours from 0 UT 2018084

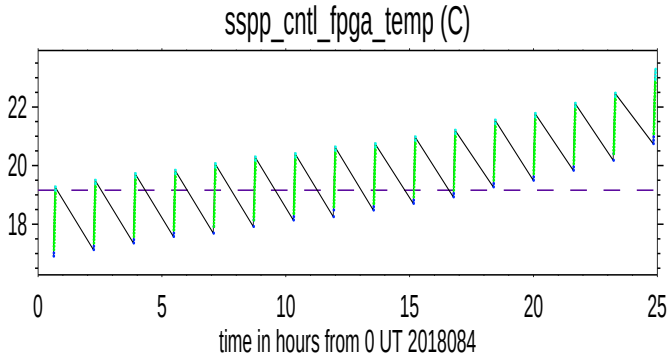

sspp_ecu_temp (C)
21
20
19
18
17
0
5
10
15
20
25
time in hours from 0 UT 2018084

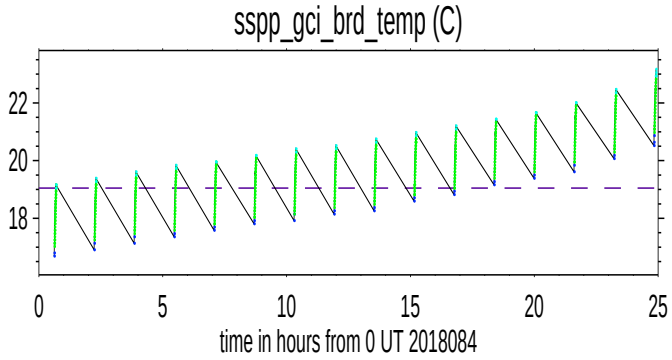

sspp_xps_xpos_zpos_temp (C)
21
20
19
18
17
0
5
10
15
20
25
time in hours from 0 UT 2018084

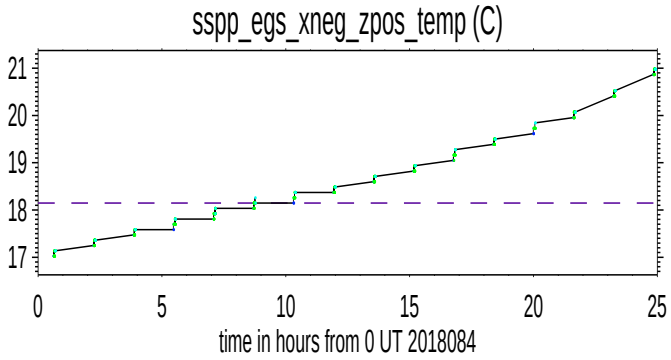

sspp_15_conv_temp (C)
26
24
22
20
18
0
5
10
15
20
25
time in hours from 0 UT 2018084

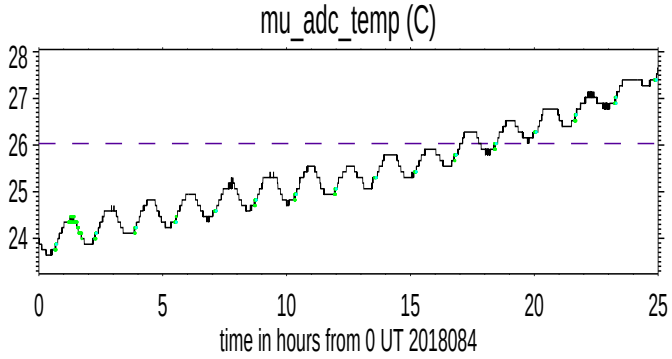

sspp_actuator_temp (C)
24
23
22
21
20
0
5
10
15
20
25
time in hours from 0 UT 2018084

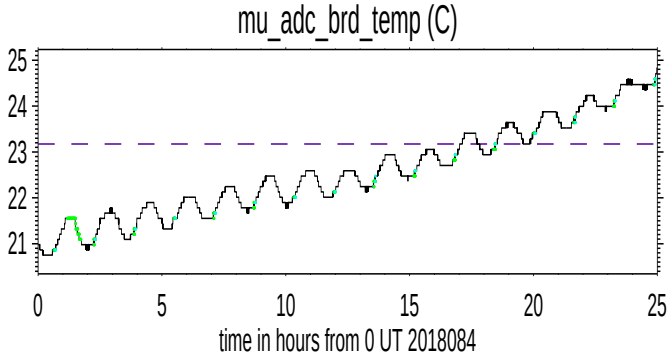

sspp_adc_temp (C)
26
24
22
20
18
0
5
10
15
20
25
time in hours from 0 UT 2018084

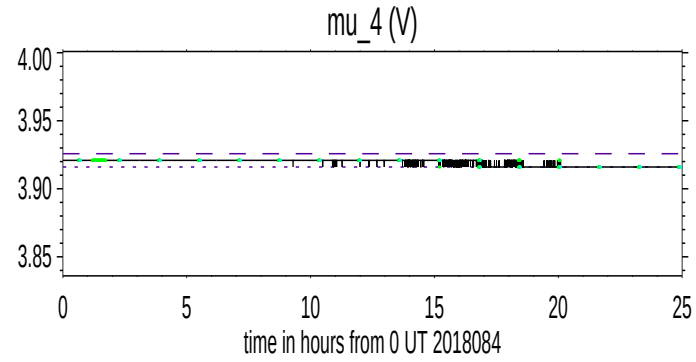

sspp_cntl_fpga_temp (C)
22
20
18
0
5
10
15
20
25
time in hours from 0 UT 2018084

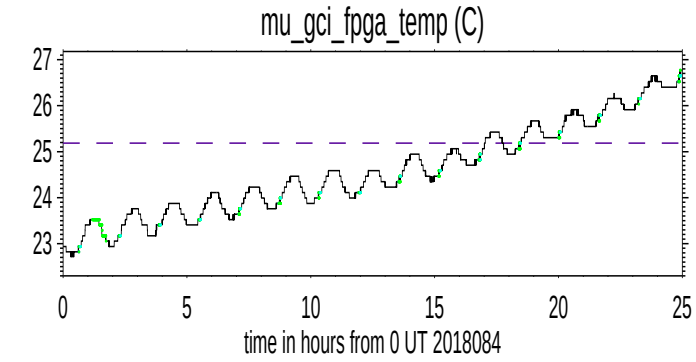

sspp_gci_brd_temp (C)
22
20
18
0
5
10
15
20
25
time in hours from 0 UT 2018084

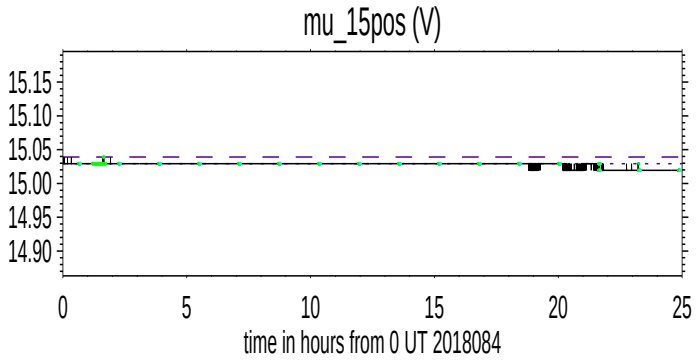

sspp_egs_xneg_zpos_temp (C)
21
20
19
18
17
0
5
10
15
20
25
time in hours from 0 UT 2018084

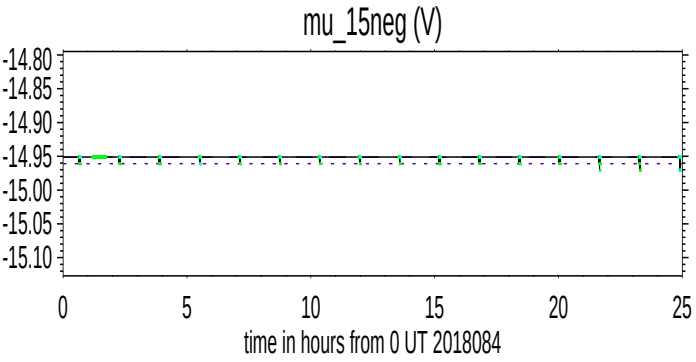

mu_adc_temp (C)
28
27
26
25
24
0
5
10
15
20
25
time in hours from 0 UT 2018084

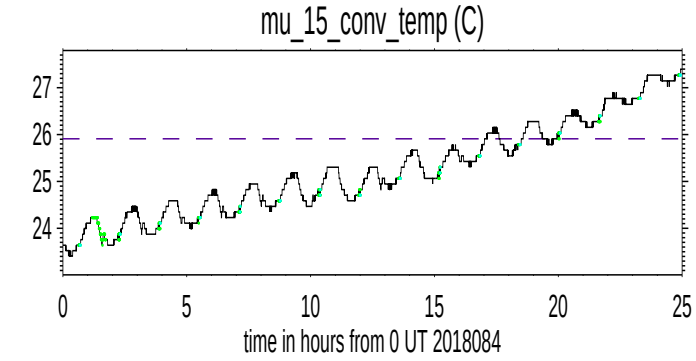

mu_adc_brd_temp (C)
25
24
23
22
21
0
5
10
15
20
25
time in hours from 0 UT 2018084

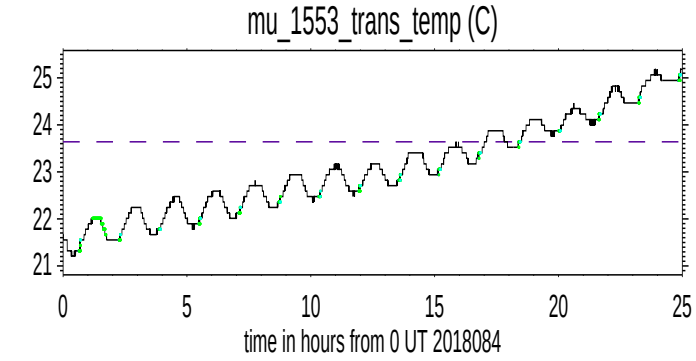

mu_4 (V)
4.00
3.95
3.90
3.85
0
5
10
15
20
25
time in hours from 0 UT 2018084

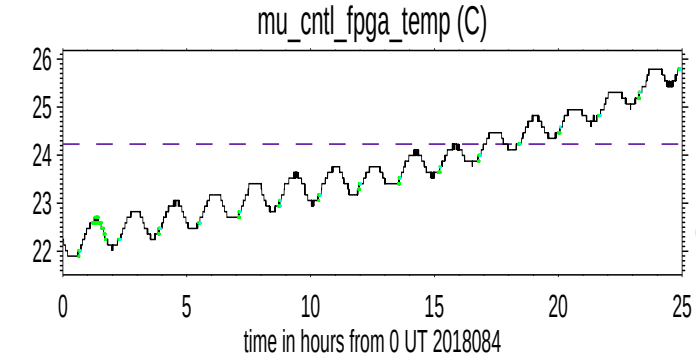

mu_gci_fpga_temp (C)
27
26
25
24
23
0
5
10
15
20
25
time in hours from 0 UT 2018084

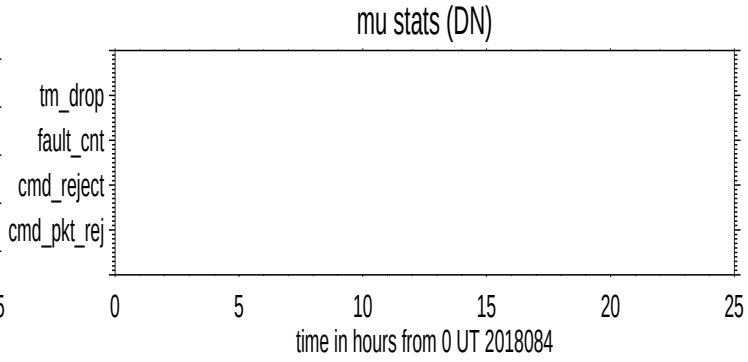

mu_15pos (V)
15.15
15.10
15.05
15.00
14.95
14.90
0
5
10
15
20
25
time in hours from 0 UT 2018084

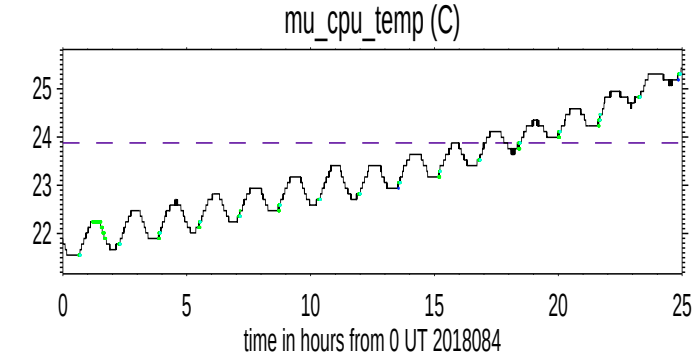

mu_15neg (V)
-14.80
-14.85
-14.90
-14.95
-15.00
-15.05
-15.10
0
5
10
15
20
25
time in hours from 0 UT 2018084

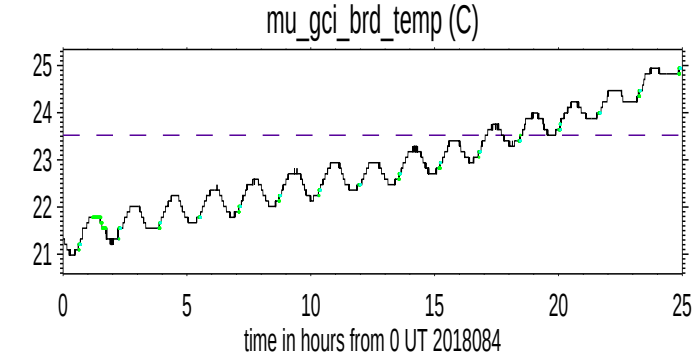

mu_15_conv_temp (C)
27
26
25
24
0
5
10
15
20
25
time in hours from 0 UT 2018084

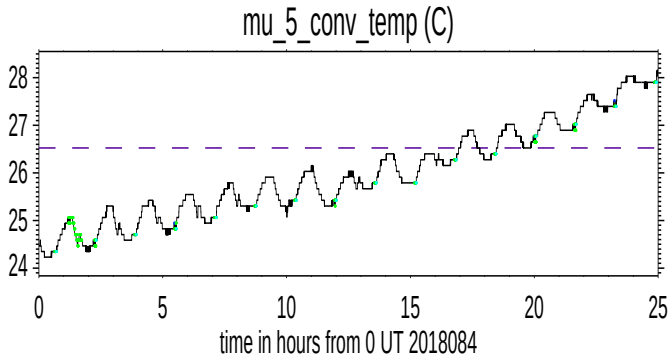

mu_1553_trans_temp (C)
25
24
23
22
21
0
5
10
15
20
25
time in hours from 0 UT 2018084

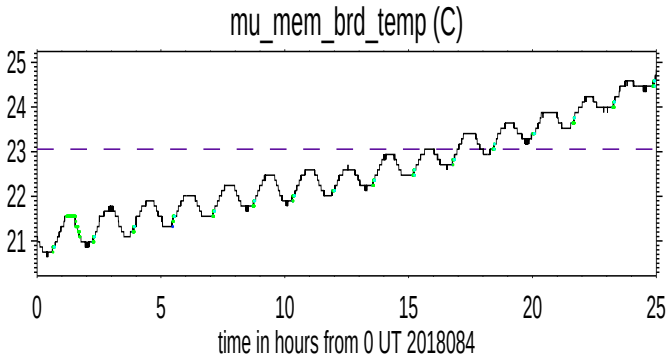

mu_cntl_fpga_temp (C)
26
25
24
23
22
0
5
10
15
20
25
time in hours from 0 UT 2018084

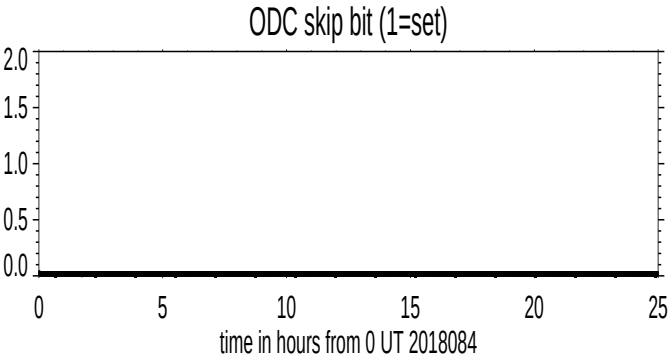

mu stats (DN)
tm_drop
fault_cnt
cmd_reject
cmd_pkt_rej
0
5
10
15
20
25
time in hours from 0 UT 2018084

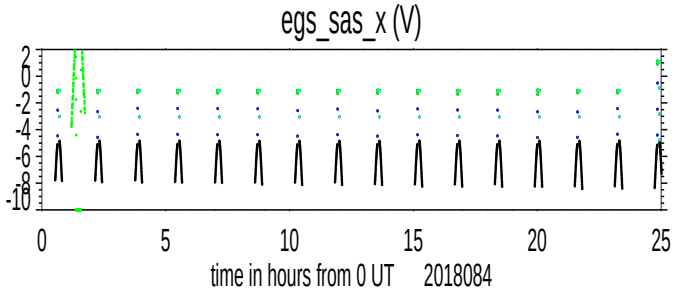

mu_cpu_temp (C)
25
24
23
22
0
5
10
15
20
25
time in hours from 0 UT 2018084

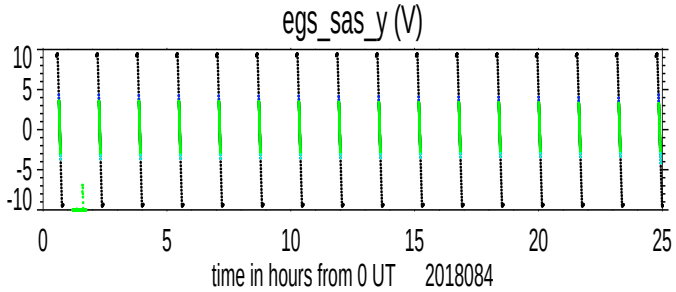

mu_gci_brd_temp (C)
25
24
23
22
21
0
5
10
15
20
25
time in hours from 0 UT 2018084

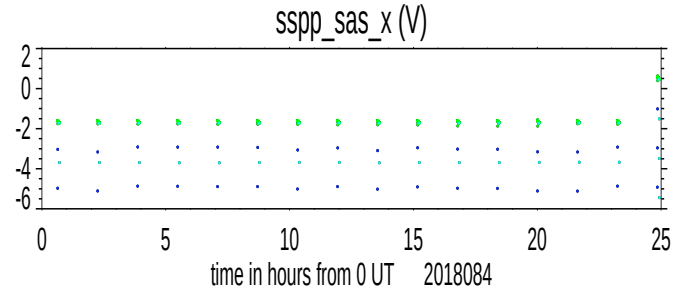

mu_5_conv_temp (C)
28
27
26
25
24
0
5
10
15
20
25
time in hours from 0 UT 2018084

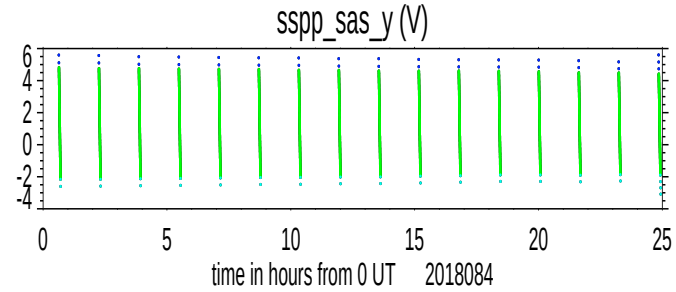

mu_mem_brd_temp (C)
25
24
23
22
21
0
5
10
15
20
25
time in hours from 0 UT 2018084

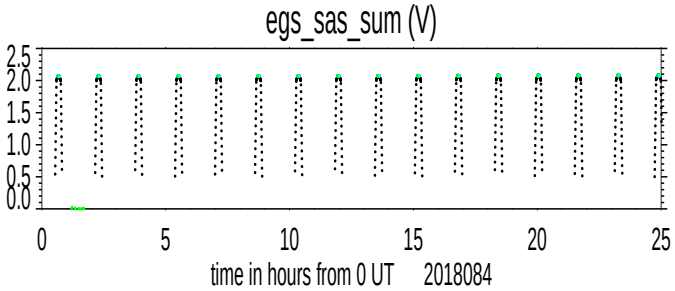

ODC skip bit (1=set)
2.0
1.5
1.0
0.5
0.0
0
5
10
15
20
25
time in hours from 0 UT 2018084

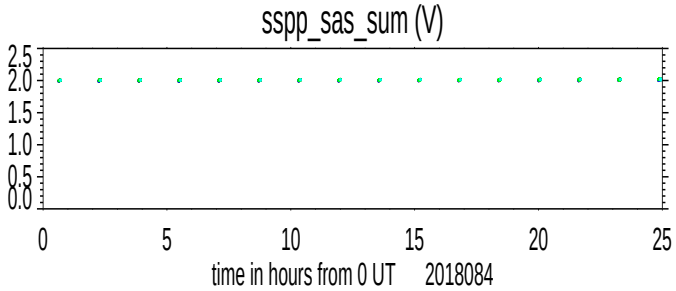

egs_sas_x (V)
time in hours from 0 UT 2018084

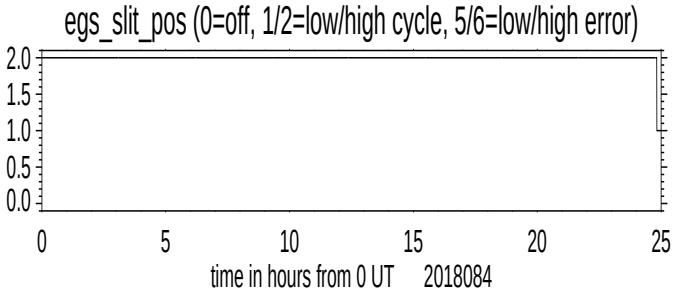

egs_sas_y (V)
time in hours from 0 UT 2018084

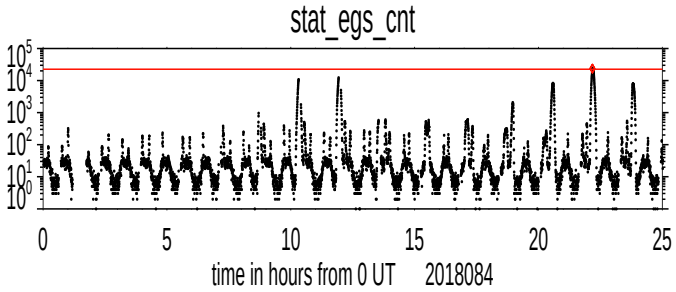

sspp_sas_x (V)
time in hours from 0 UT 2018084

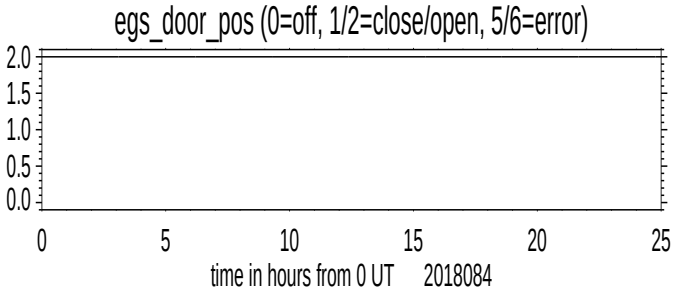

sspp_sas_y (V)
time in hours from 0 UT 2018084

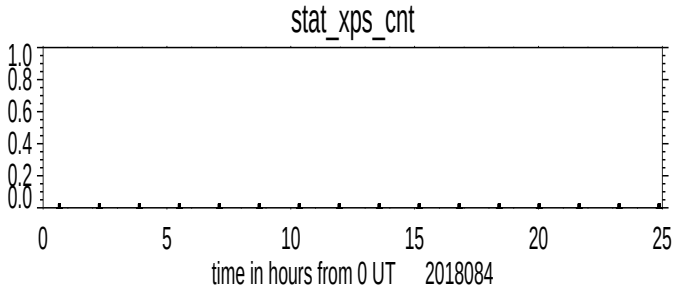

egs_sas_sum (V)
time in hours from 0 UT 2018084

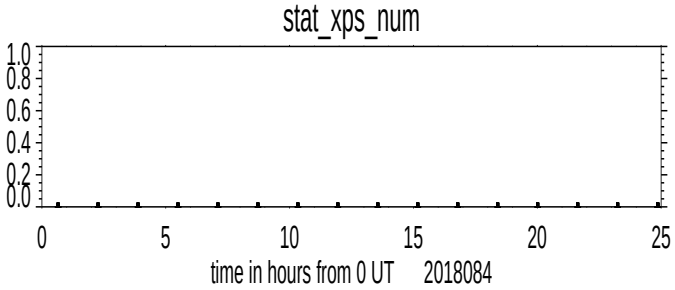

sspp_sas_sum (V)
time in hours from 0 UT 2018084

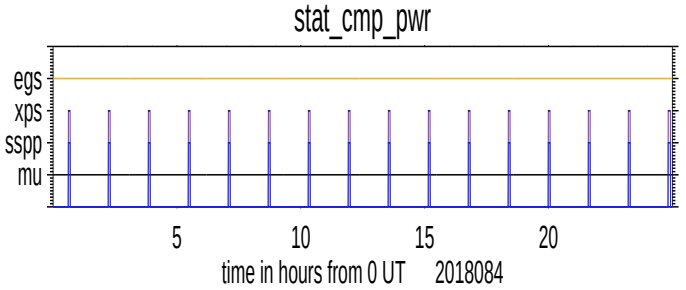

egs_slit_pos (0=off, 1/2=low/high cycle, 5/6=low/high error)
time in hours from 0 UT 2018084


stat_egs_cnt
time in hours from 0 UT 2018084

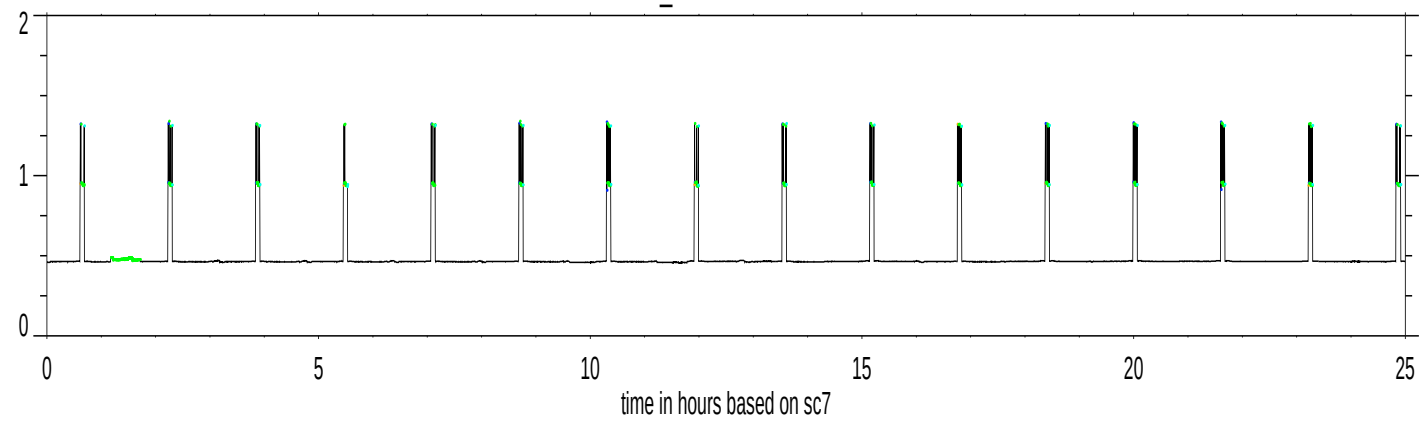

egs_door_pos (0=off, 1/2=close/open, 5/6=error)
time in hours from 0 UT 2018084


stat_xps_cnt
time in hours from 0 UT 2018084

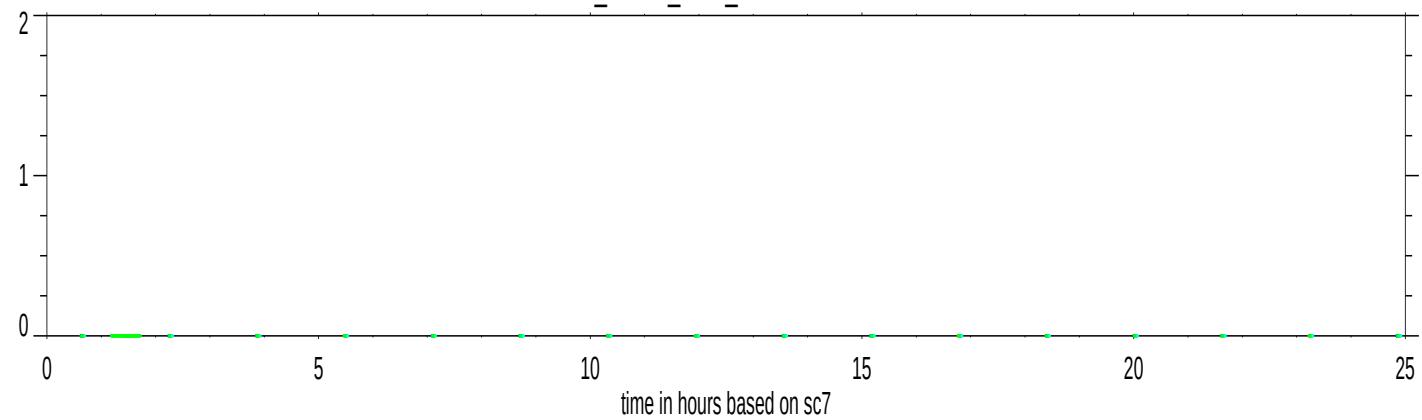

stat_xps_num
time in hours from 0 UT 2018084


stat_cmp_pwr
egs
xps
sspp
mu
time in hours from 0 UT 2018084

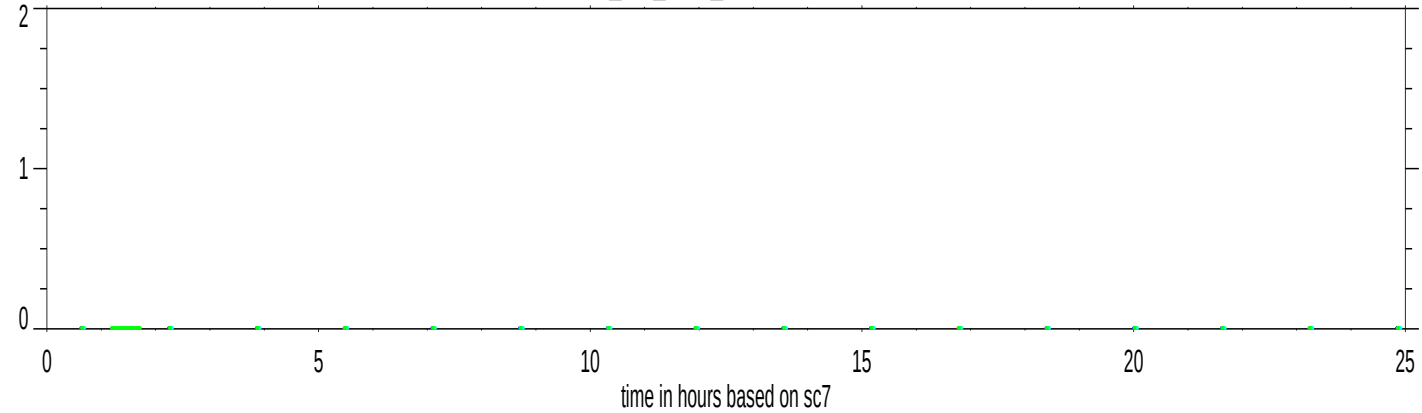
SEE_CUR 2018084



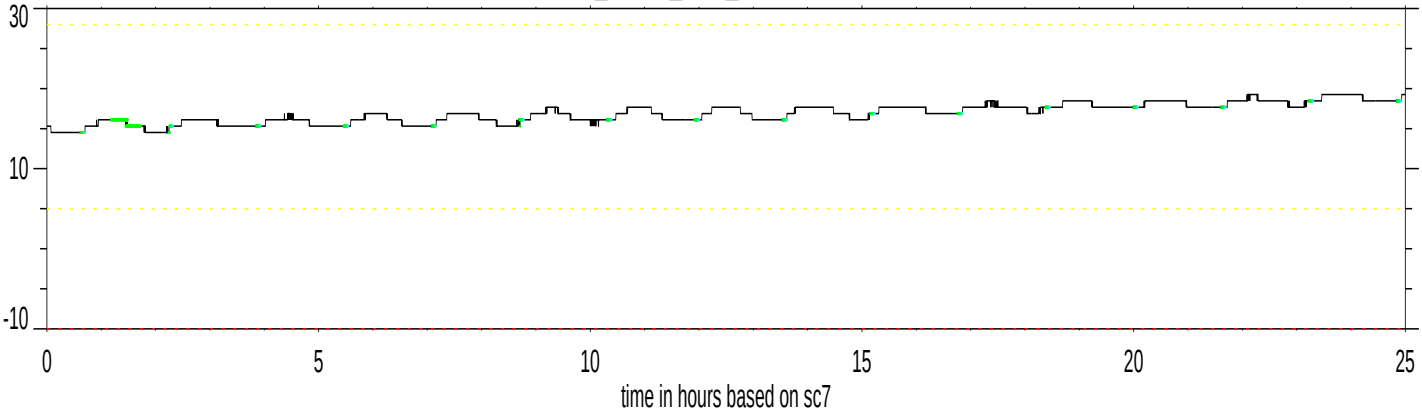
SEE_SURV_HTR_CUR 2018084



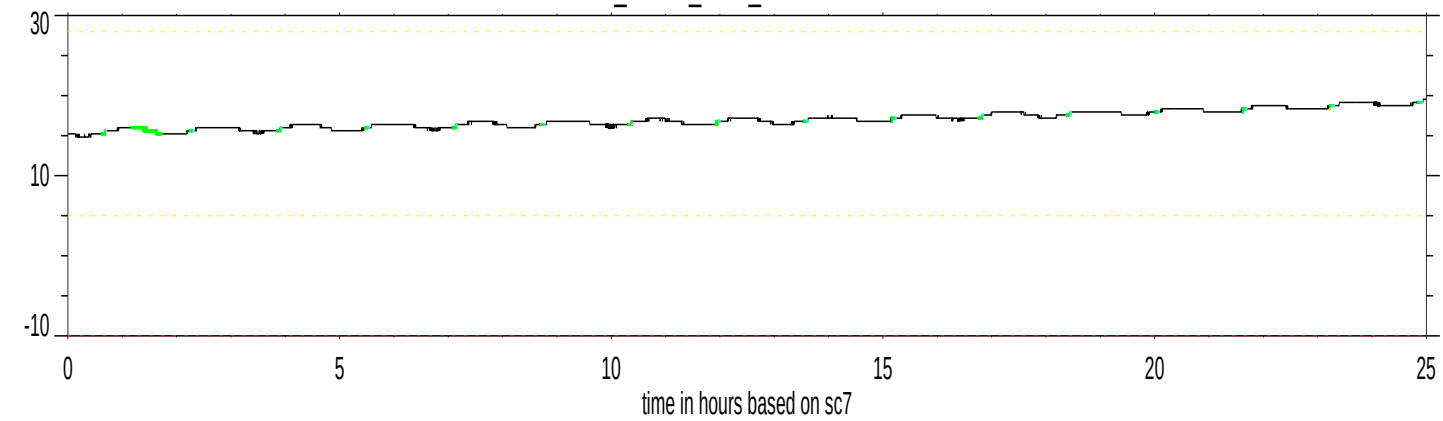
SEE_OP_HTR_CUR 2018084



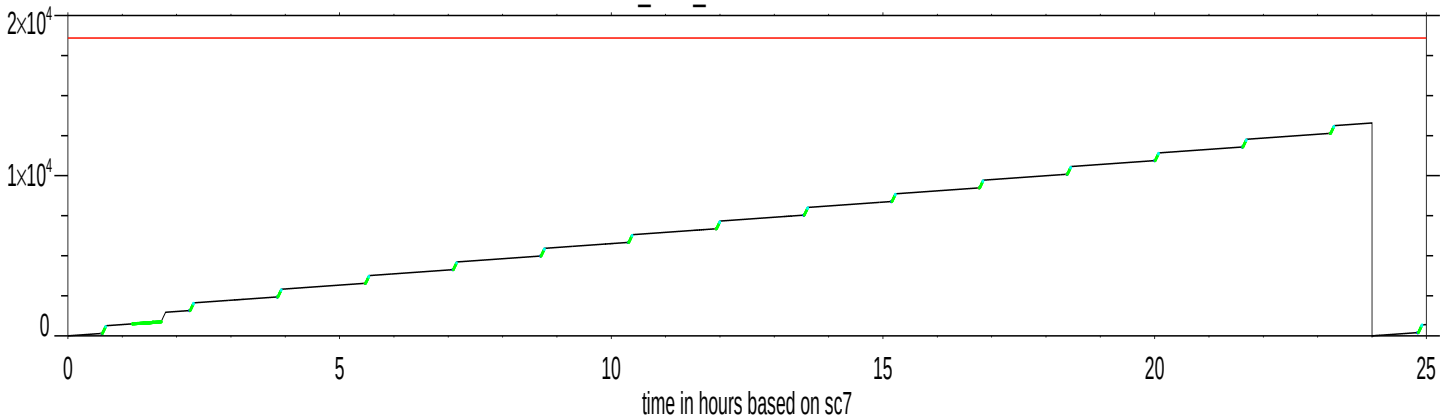
SSPP_BHND_XPS_TEMP 2018084



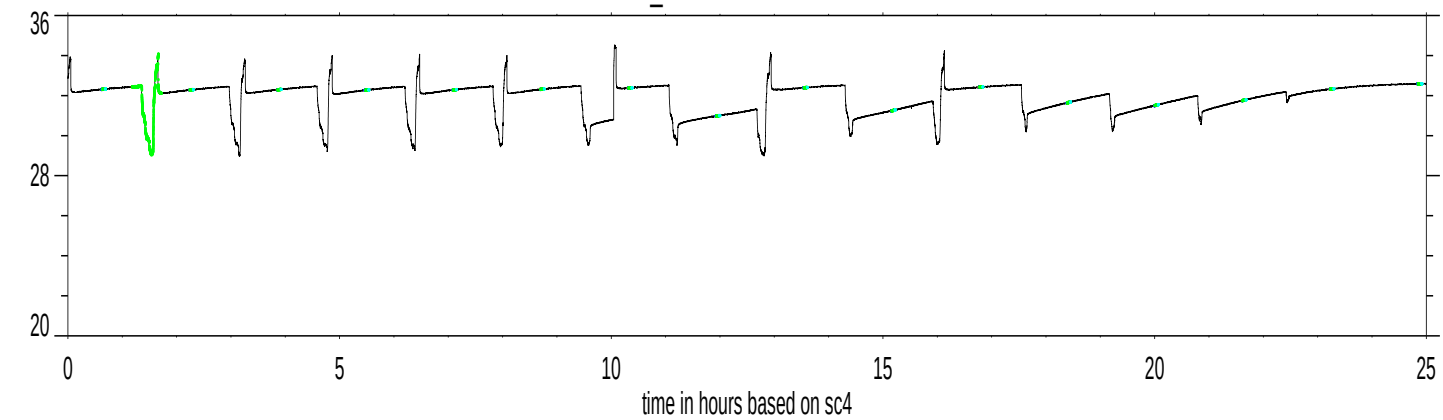
SSPP_BHND_MTR_TEMP 2018084



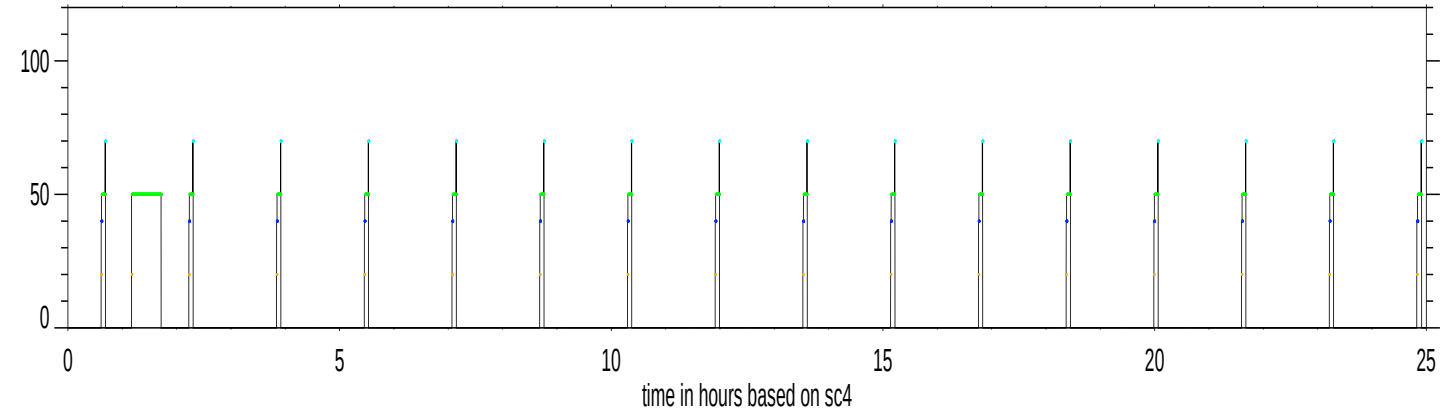
SEE_PKT_COUNT 2018084



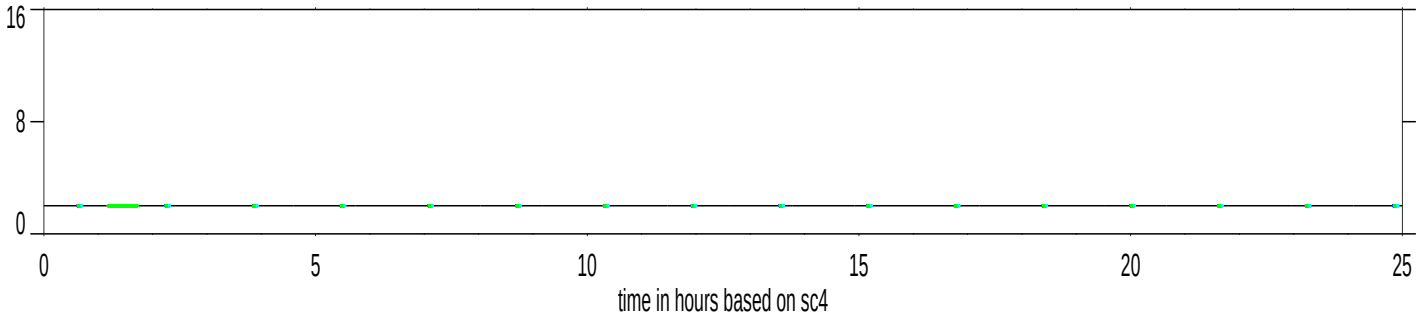
BUS_VOLTAGE 2018084



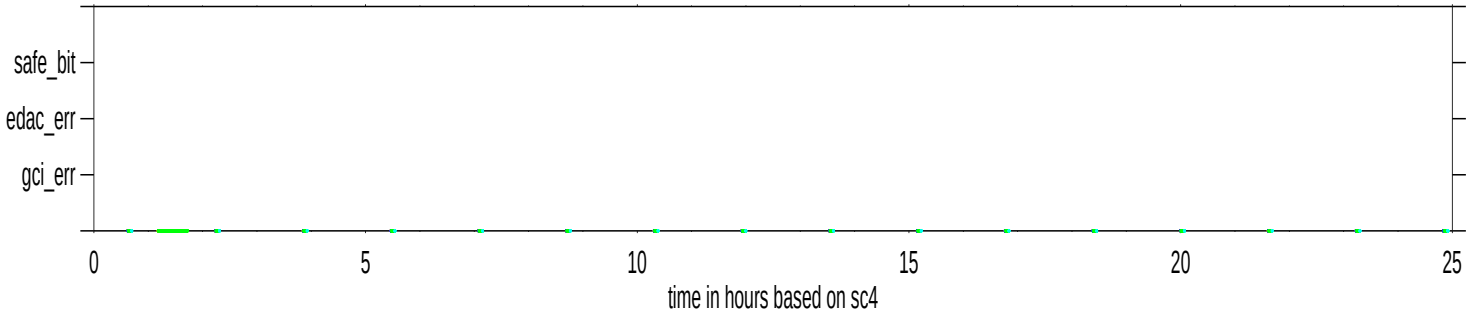
SEE_MU Operational Mode 2018084



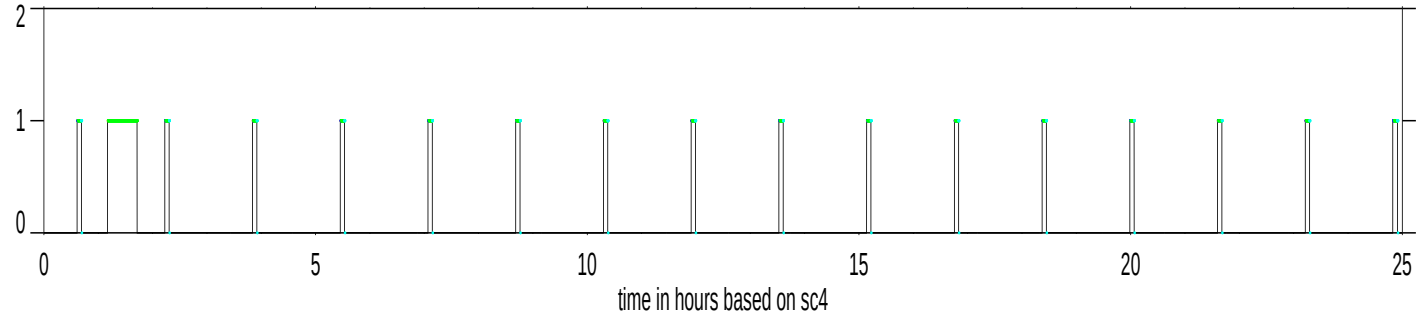
INTERNAL ERROR 2018084



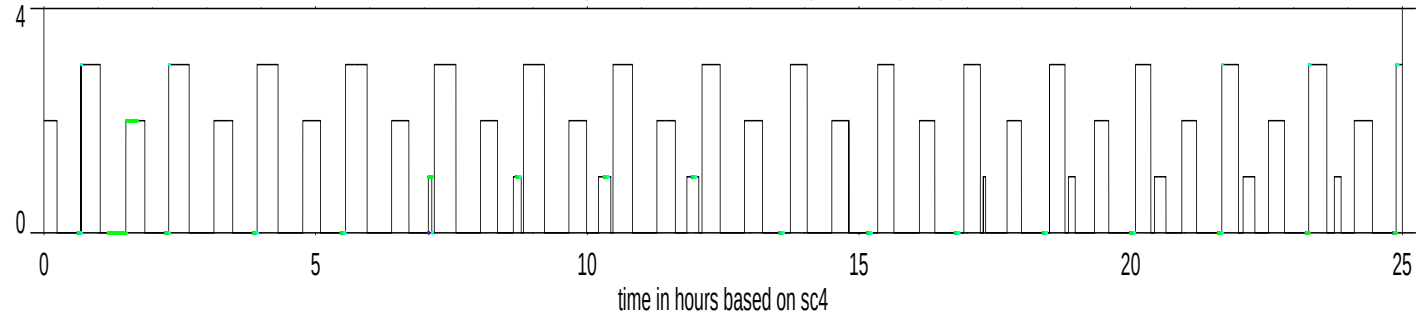
ERRORS 2018084



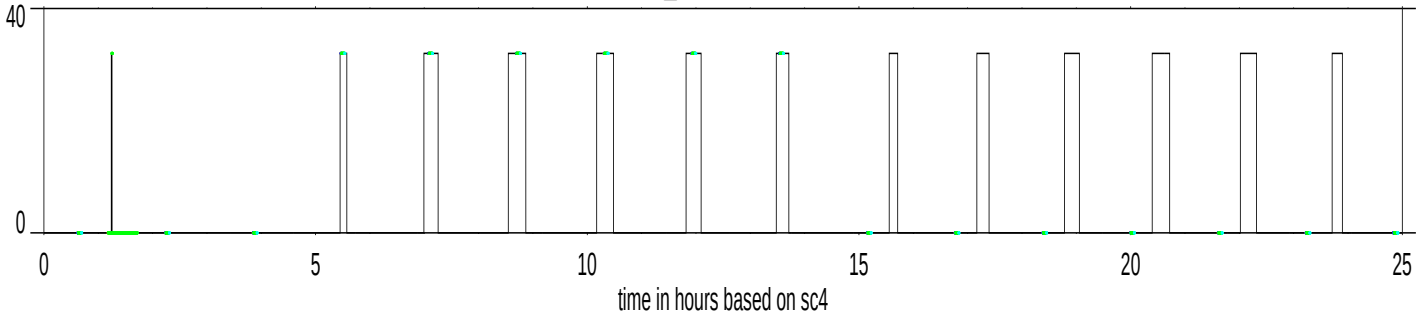
ODC STATUS 2018084

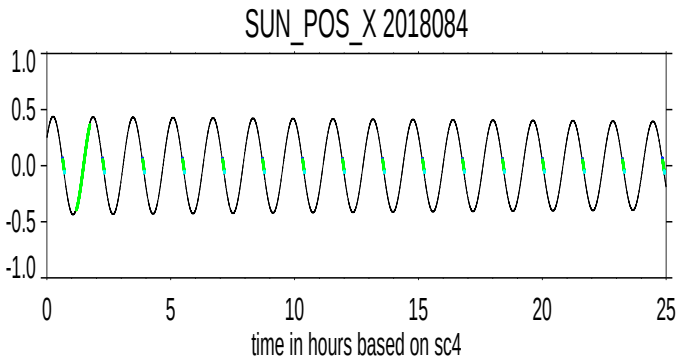


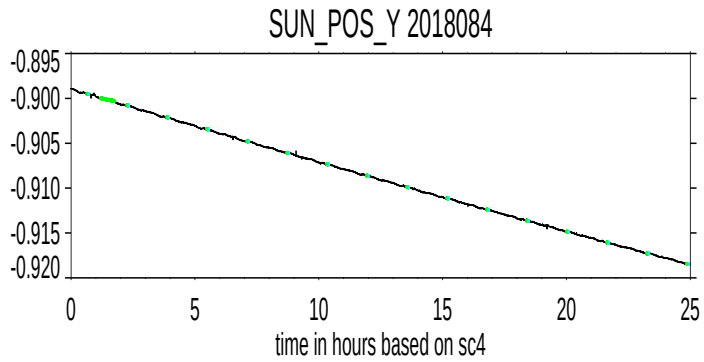
ZONES (0=non-saa,1=saa,2=n.pole,3=s.pole)

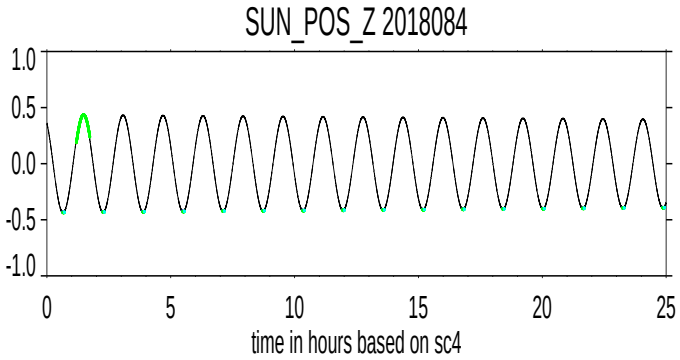


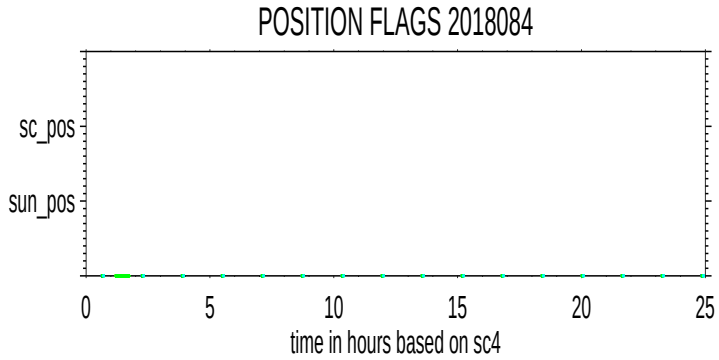
SAA_FLAG 2018084

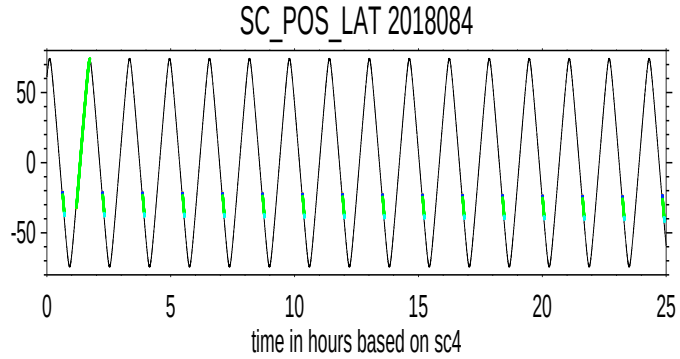


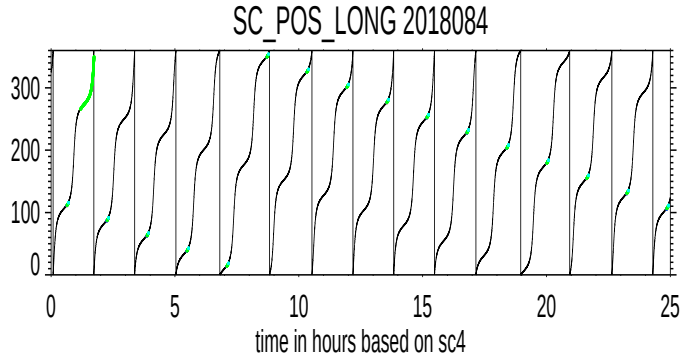

SUN_POS_X 2018084
1.0
0.5
0.0
-0.5
-1.0
0
5
10
15
20
25
time in hours based on sc4

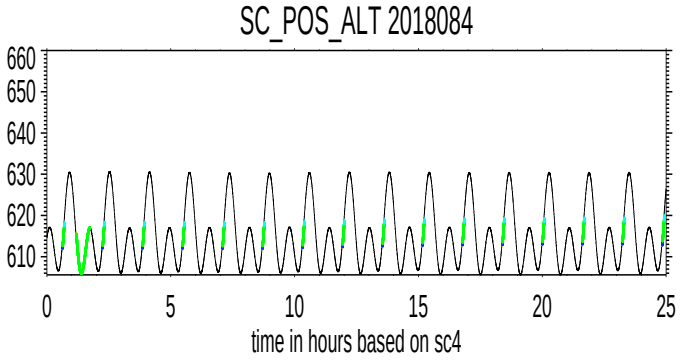

SUN_POS_Y 2018084
-0.895
-0.900
-0.905
-0.910
-0.915
-0.920
0
5
10
15
20
25
time in hours based on sc4

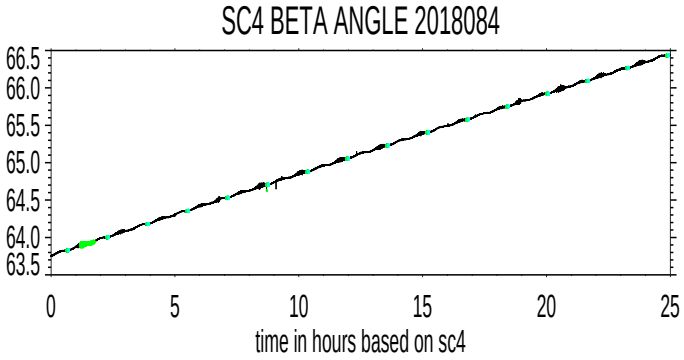

SUN_POS_Z 2018084
1.0
0.5
0.0
-0.5
-1.0
0
5
10
15
20
25
time in hours based on sc4


POSITION FLAGS 2018084
sc_pos
sun_pos
0
5
10
15
20
25
time in hours based on sc4


SC_POS_LAT 2018084
50
0
-50
0
5
10
15
20
25
time in hours based on sc4


SC_POS_LONG 2018084
300
200
100
0
0
5
10
15
20
25
time in hours based on sc4


SC_POS_ALT 2018084
660
650
640
630
620
610
0
5
10
15
20
25
time in hours based on sc4


SC4 BETA ANGLE 2018084
66.5
66.0
65.5
65.0
64.5
64.0
63.5
0
5
10
15
20
25
time in hours based on sc4