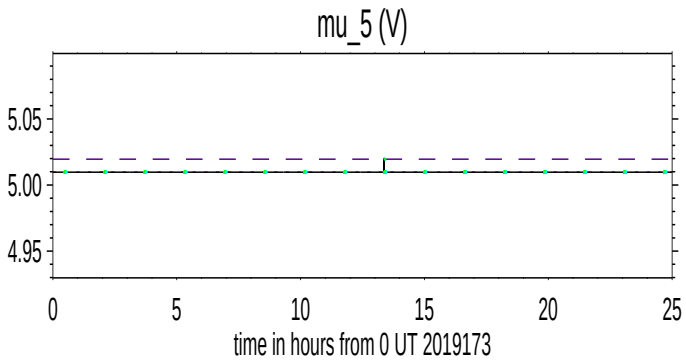
Information for 2019173


mu_5 (V)
5.05
5.00
4.95
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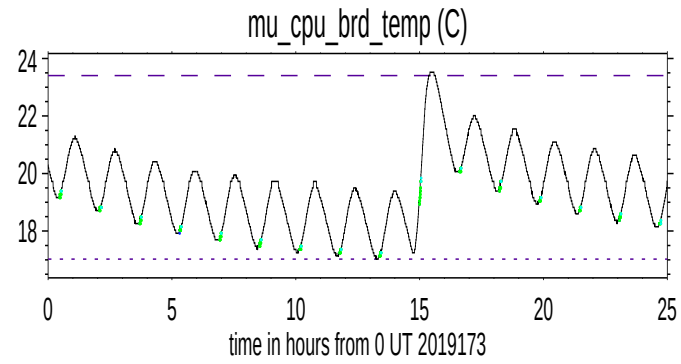
5
10
15
20
25
time in hours from 0 UT 2019173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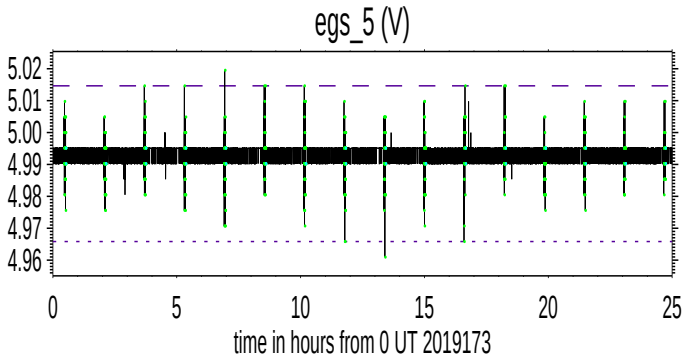
25
time in hours from 0 UT 2019173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4.99
4.98
4.97
4.96
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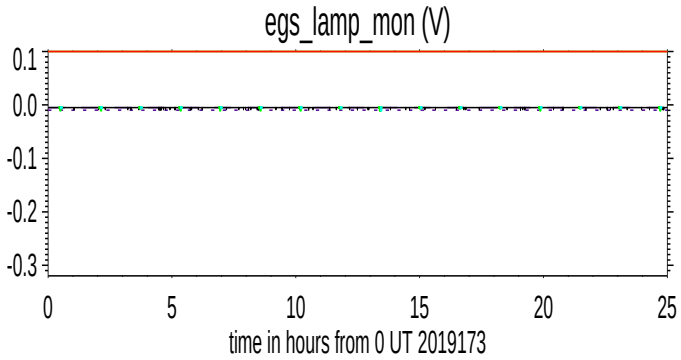
5
10
15
20
25
time in hours from 0 UT 2019173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-0.1
-0.2
-0.3
0
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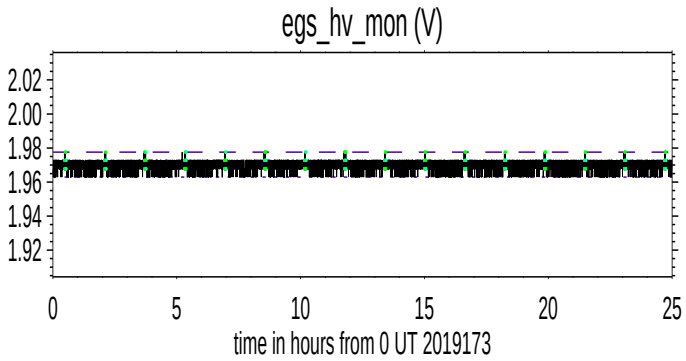
20
25
time in hours from 0 UT 2019173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1.98
1.96
1.94
1.92
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10
15
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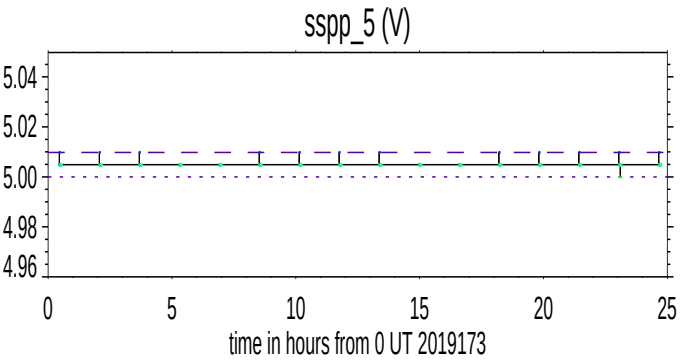
25
time in hours from 0 UT 2019173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5.02
5.00
4.98
4.96
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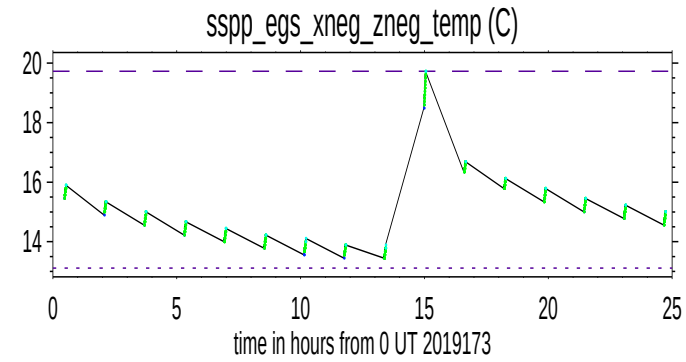
5
10
15
20
25
time in hours from 0 UT 2019173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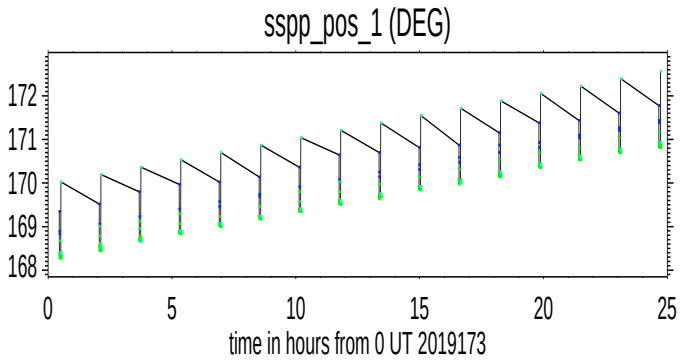
time in hours from 0 UT 2019173


sspp_pos_1 (DEG)
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171
170
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168
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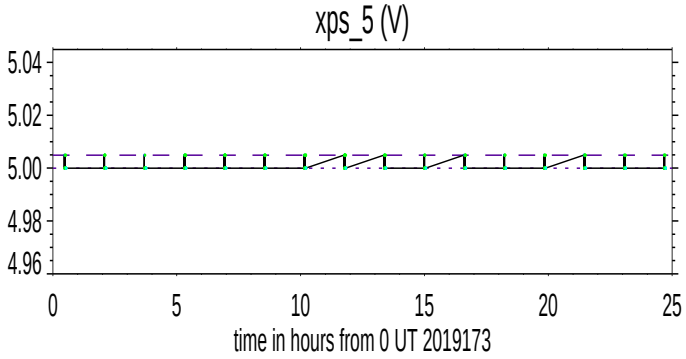
10
15
20
25
time in hours from 0 UT 2019173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5.02
5.00
4.98
4.96
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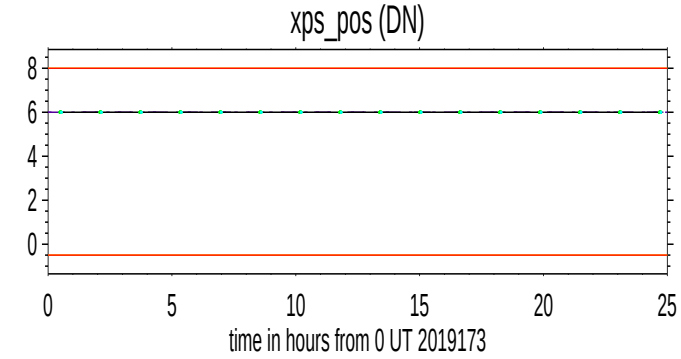
10
15
20
25
time in hours from 0 UT 2019173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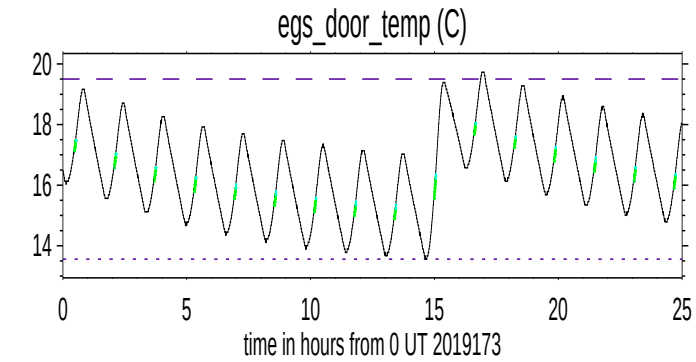
time in hours from 0 UT 2019173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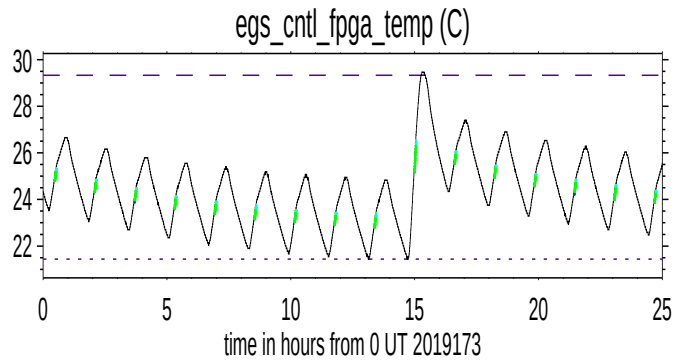
time in hours from 0 UT 2019173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30
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26
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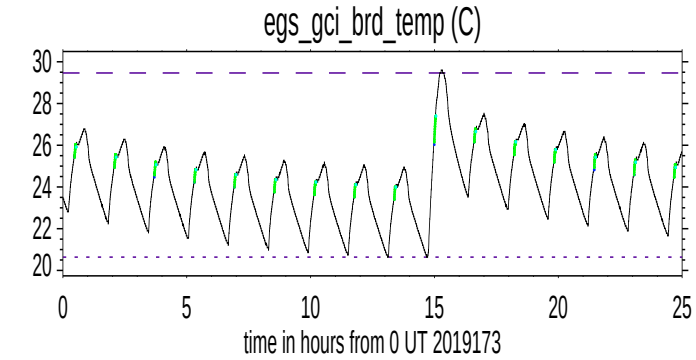
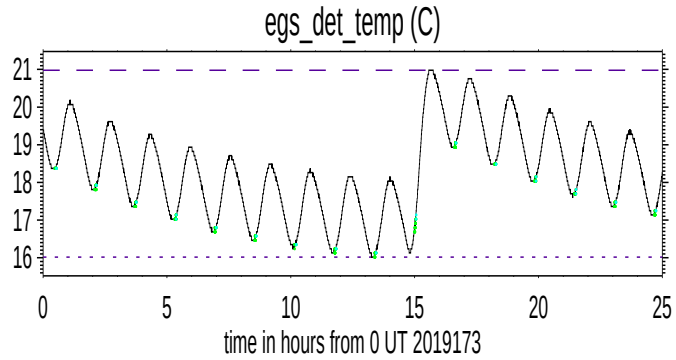
10
15
20
25
time in hours from 0 UT 2019173


egs_gci_brd_temp (C)
30
28
26
24
22
20
0
5
10
15
20
25
time in hours from 0 UT 2019173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16
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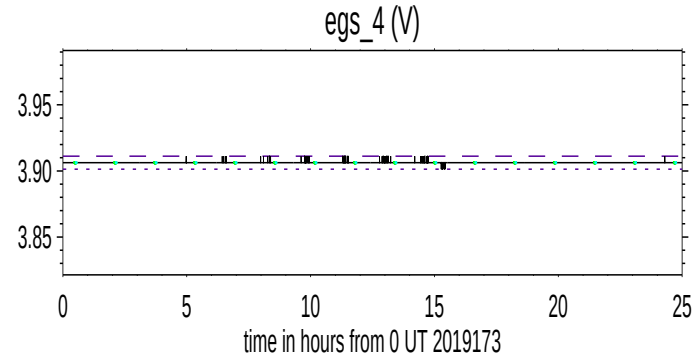
5
10
15
20
25
time in hours from 0 UT 2019173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3.90
3.85
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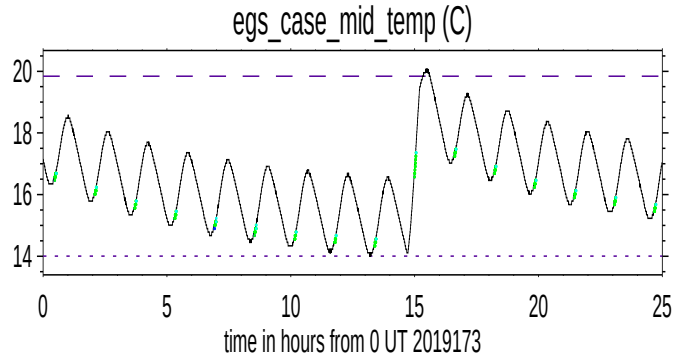
5
10
15
20
25
time in hours from 0 UT 2019173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18
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14
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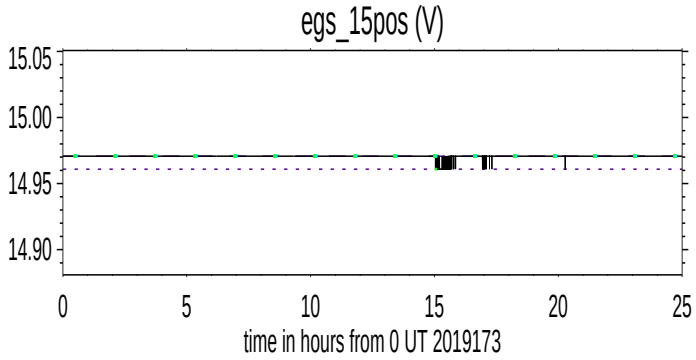
5
10
15
20
25
time in hours from 0 UT 2019173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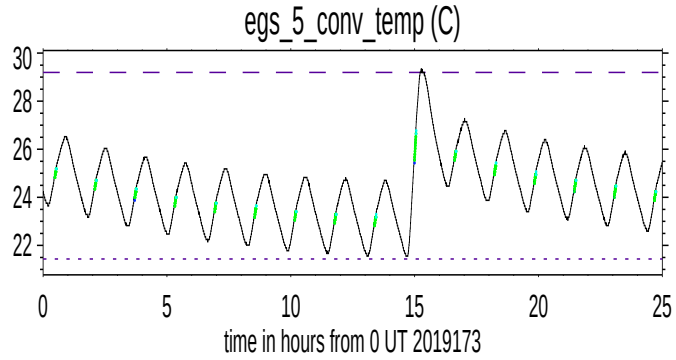
15.05
15.00
14.95
14.90
0
5
10
15
20
25
time in hours from 0 UT 2019173


egs_5_conv_temp (C)
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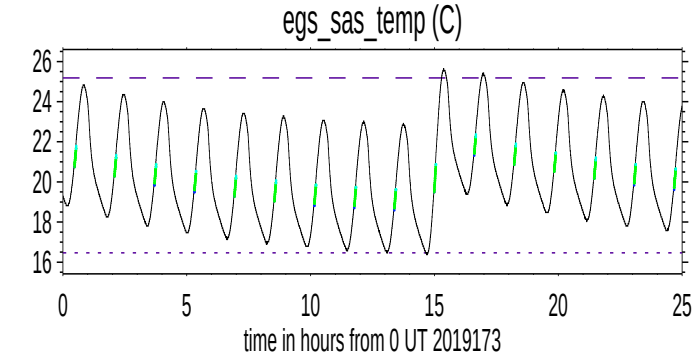
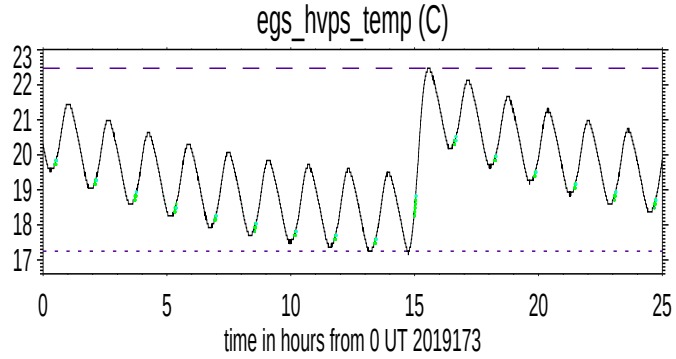
28
26
24
22
0
5
10
15
20
25
time in hours from 0 UT 2019173


egs_sas_temp (C)
26
24
22
20
18
16
0
5
10
15
20
25
time in hours from 0 UT 2019173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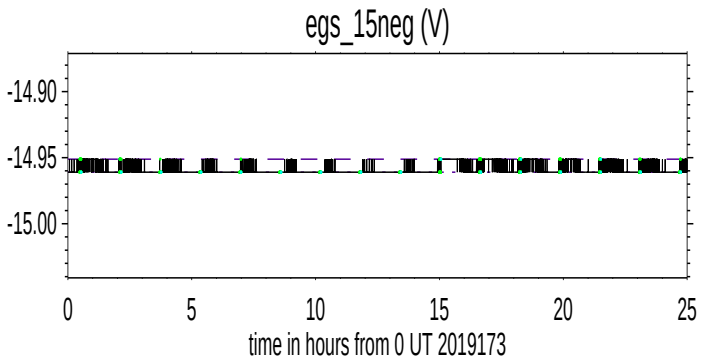
22
21
20
19
18
17
0
5
10
15
20
25
time in hours from 0 UT 2019173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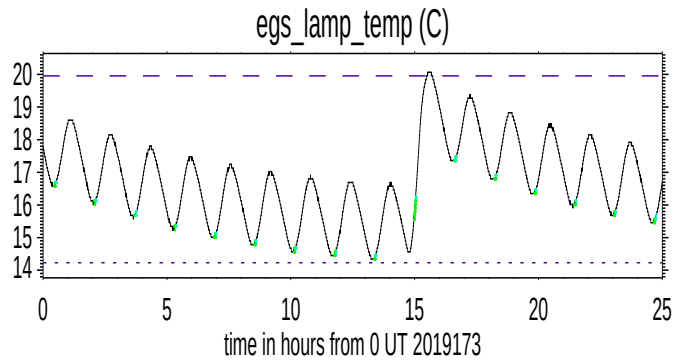
-14.95
-15.00
0 5 10 15 20 25
time in hours from 0 UT 2019173


egs_lamp_temp (C)
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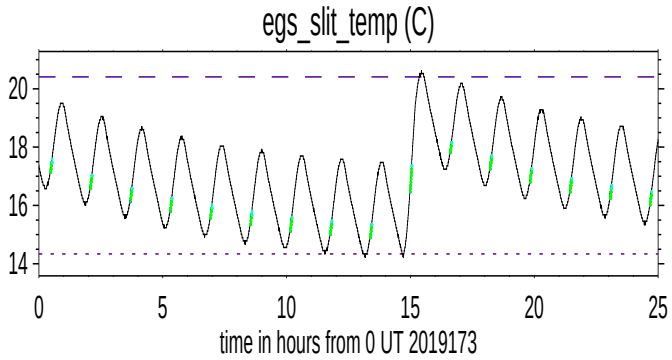
0 5 10 15 20 25
time in hours from 0 UT 2019173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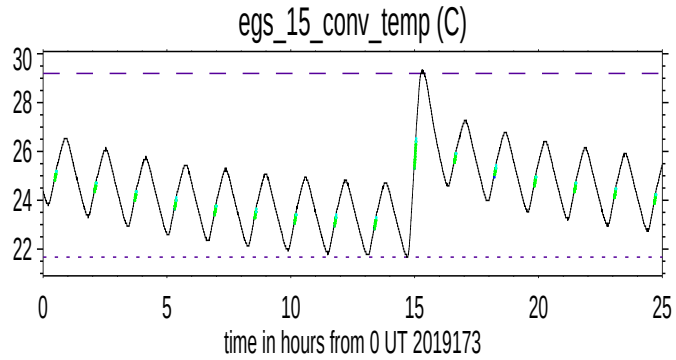
0 5 10 15 20 25
time in hours from 0 UT 2019173


egs_15_conv_temp (C)
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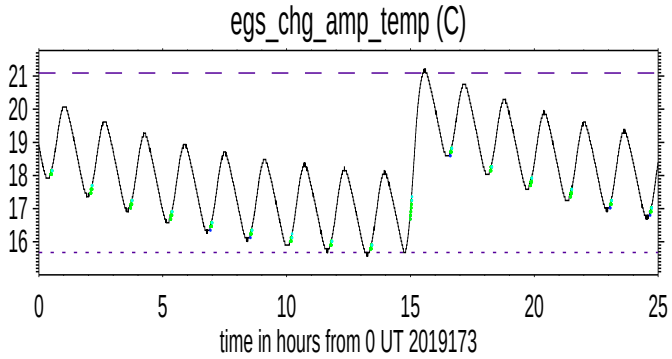
0 5 10 15 20 25
time in hours from 0 UT 2019173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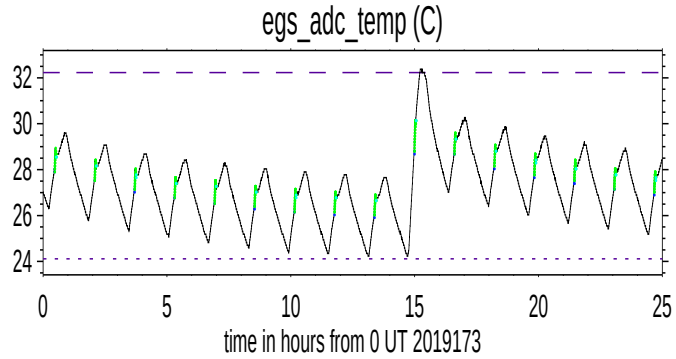
time in hours from 0 UT 2019173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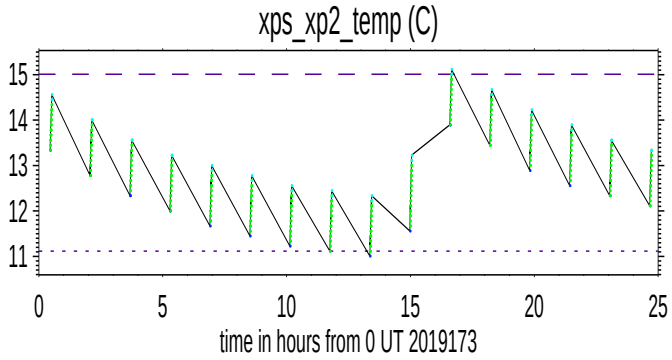
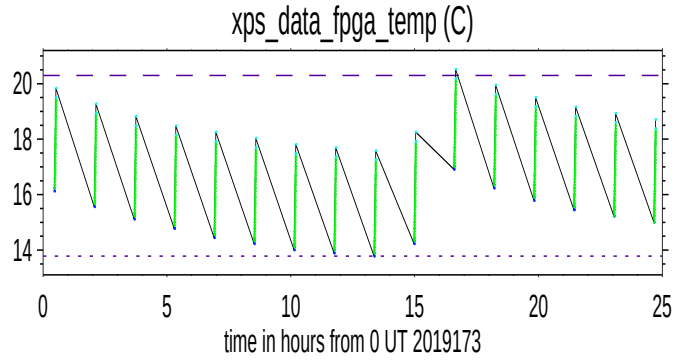
time in hours from 0 UT 2019173


xps_xp2_temp (C)
15 14 13 12 11
0 5 10 15 20 25
time in hours from 0 UT 2019173


xps_data_fpga_temp (C)
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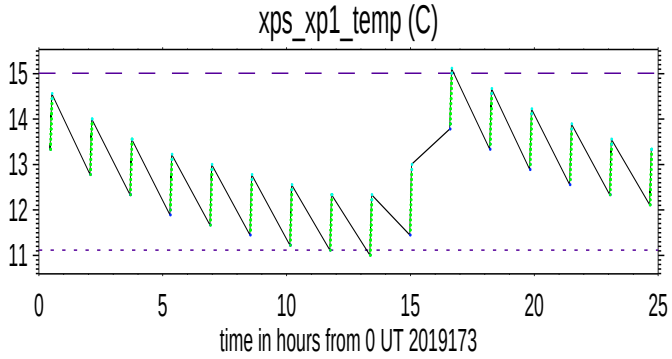
0 5 10 15 20 25
time in hours from 0 UT 2019173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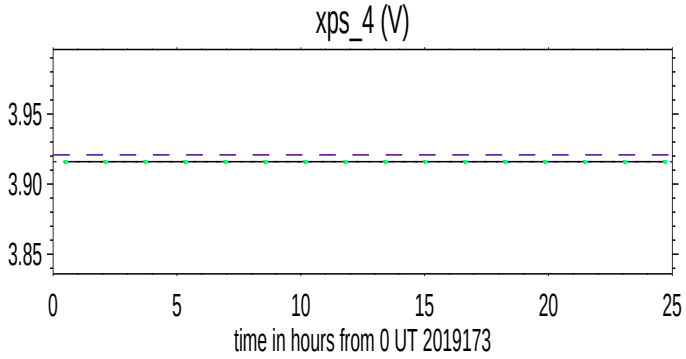
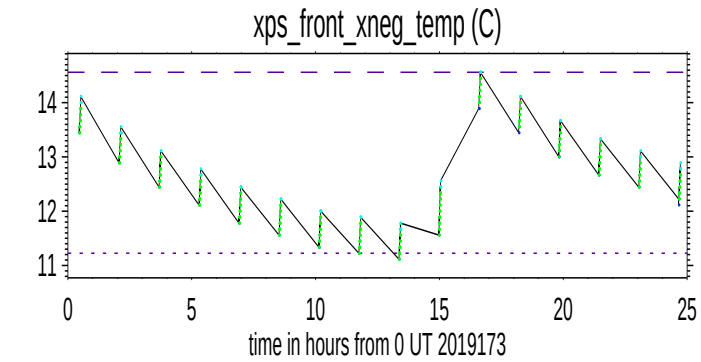
0 5 10 15 20 25
time in hours from 0 UT 2019173


xps_4 (V)
3.95
3.90
3.85
0 5 10 15 20 25
time in hours from 0 UT 2019173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13
12
11
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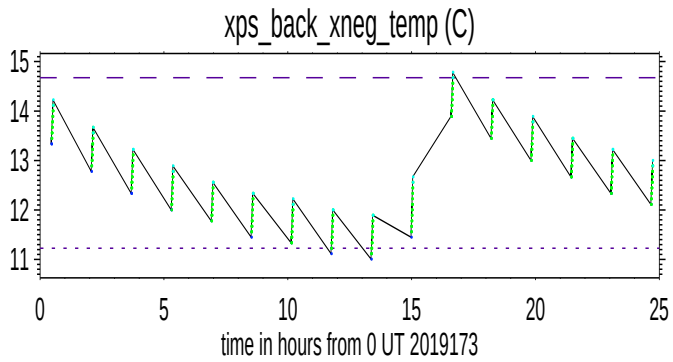
5
10
15
20
25
time in hours from 0 UT 2019173


xps_back_xneg_temp (C)
15
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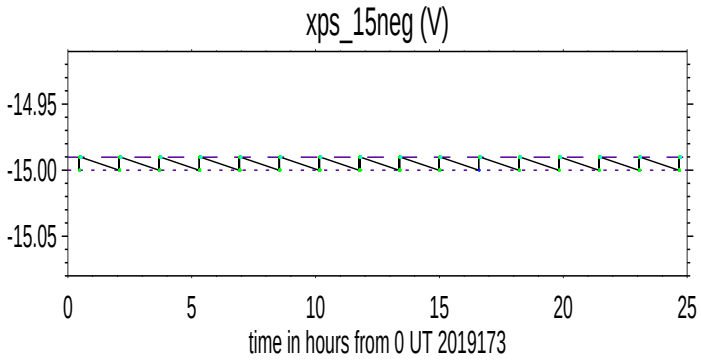
13
12
11
0
5
10
15
20
25
time in hours from 0 UT 2019173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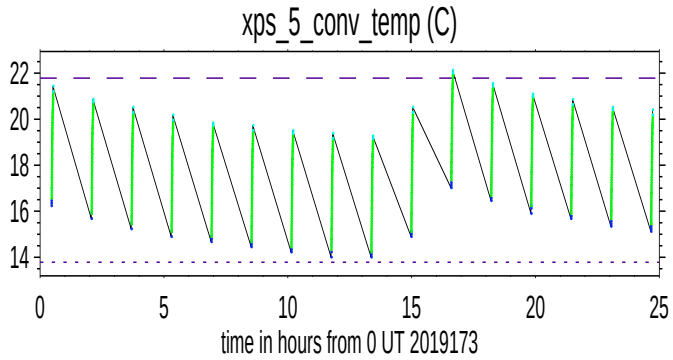
-15.05
0
5
10
15
20
25
time in hours from 0 UT 2019173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14
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10
15
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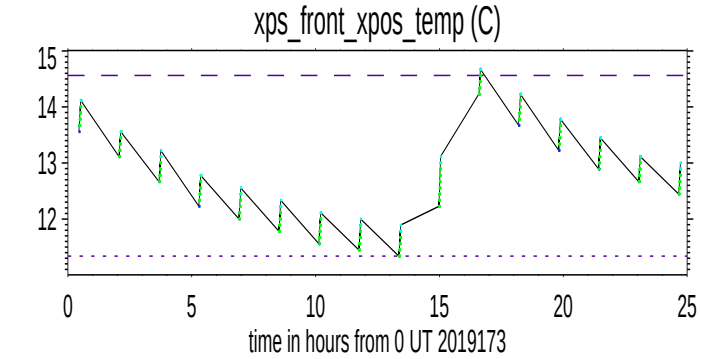
25
time in hours from 0 UT 2019173


xps_front_xpos_temp (C)
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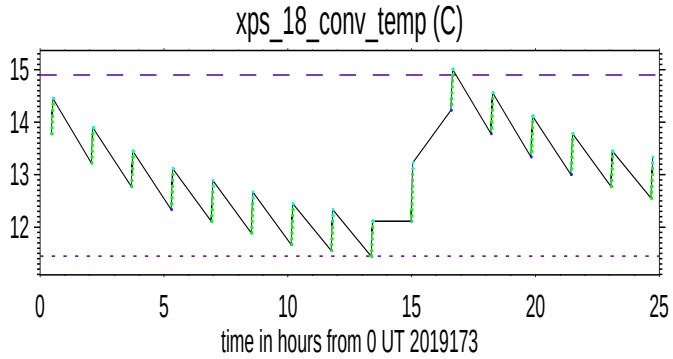
14
13
12
0
5
10
15
20
25
time in hours from 0 UT 2019173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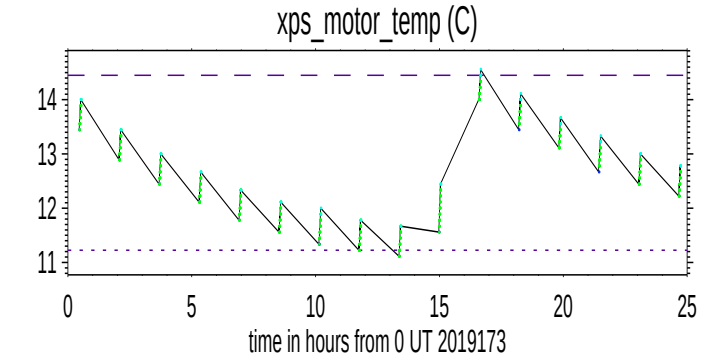
25
time in hours from 0 UT 2019173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12
11
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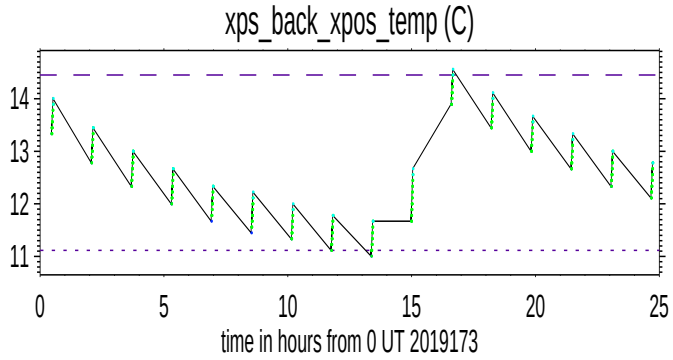
5
10
15
20
25
time in hours from 0 UT 2019173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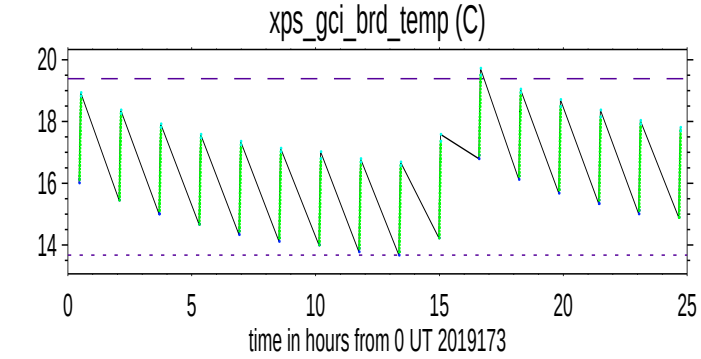
time in hours from 0 UT 2019173


xps_gci_brd_temp (C)
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0
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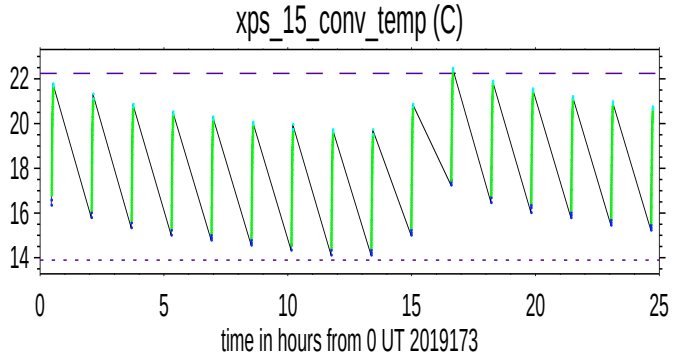
10
15
20
25
time in hours from 0 UT 2019173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10
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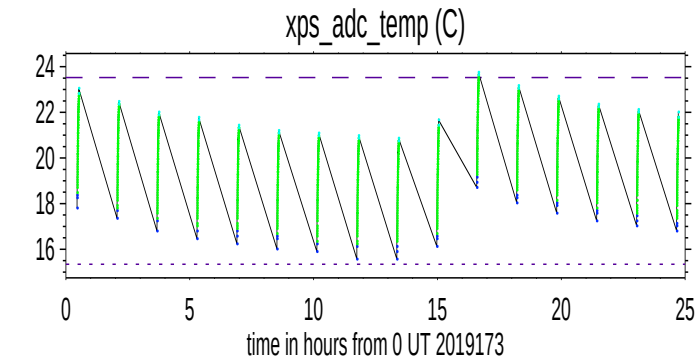
20
25
time in hours from 0 UT 2019173


xps_adc_temp (C)
24
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16
0
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10
15
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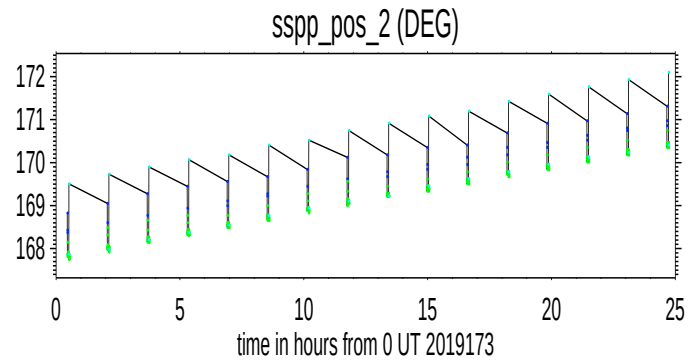
25
time in hours from 0 UT 2019173


sspp_pos_2 (DEG)
172
171
170
169
168
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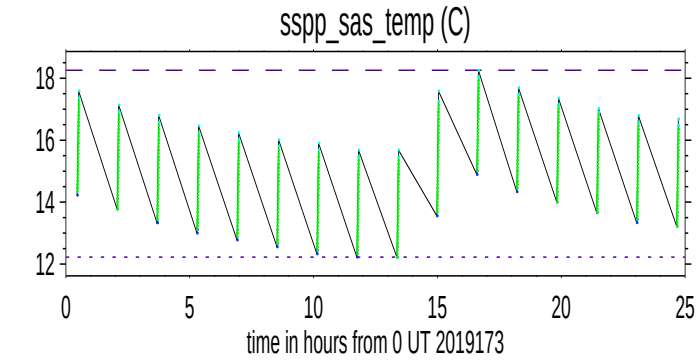
15
20
25
time in hours from 0 UT 2019173


sspp_sas_temp (C)
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12
0
5
10
15
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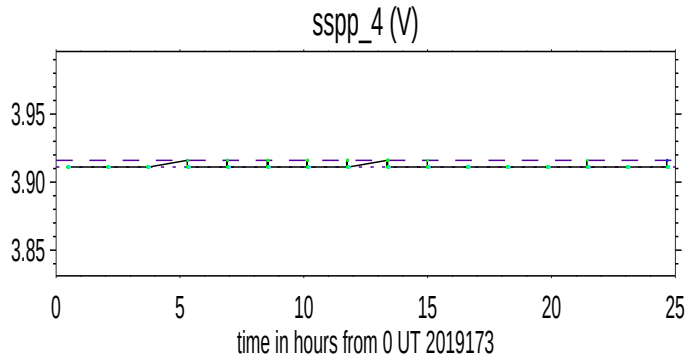
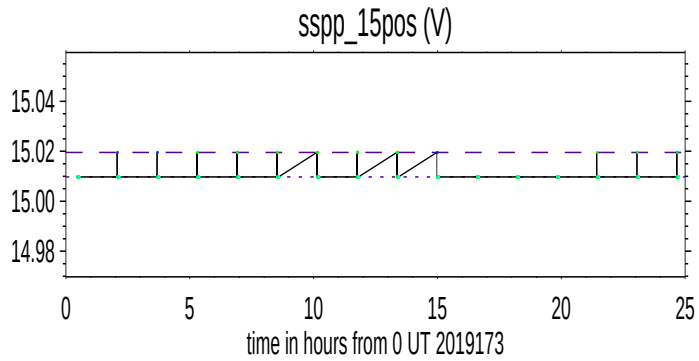
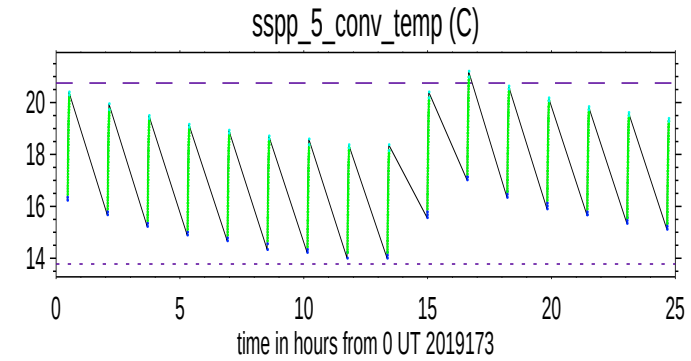
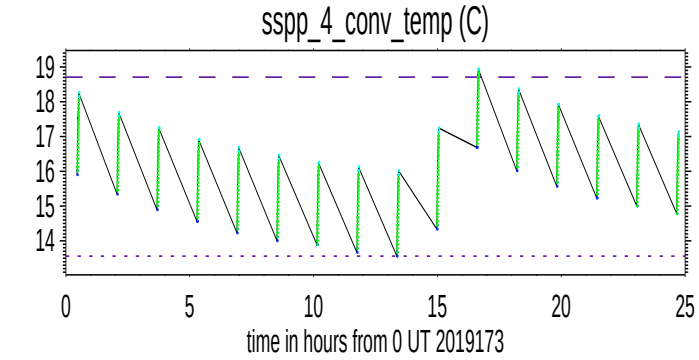
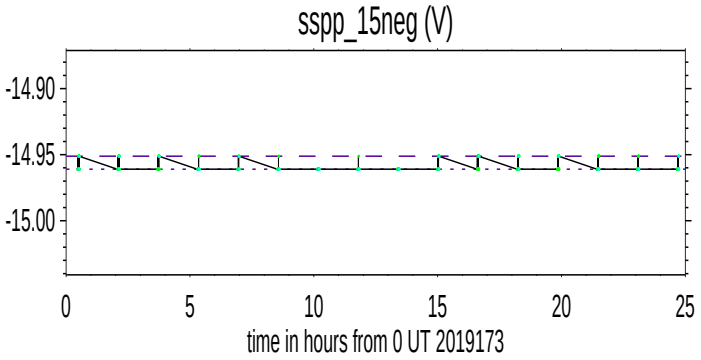
25
time in hours from 0 UT 2019173

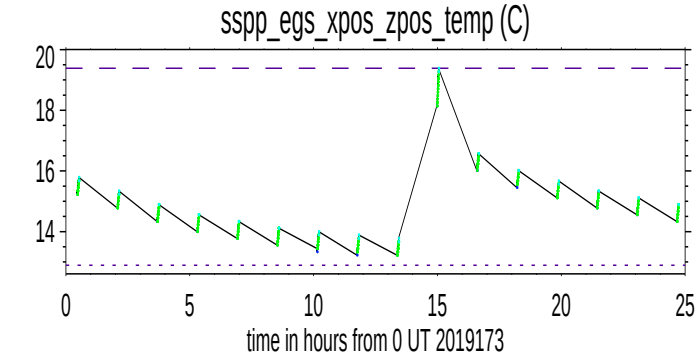

sspp_4 (V)
3.95
3.90
3.85
0
5
10
15
20
25
time in hours from 0 UT 2019173

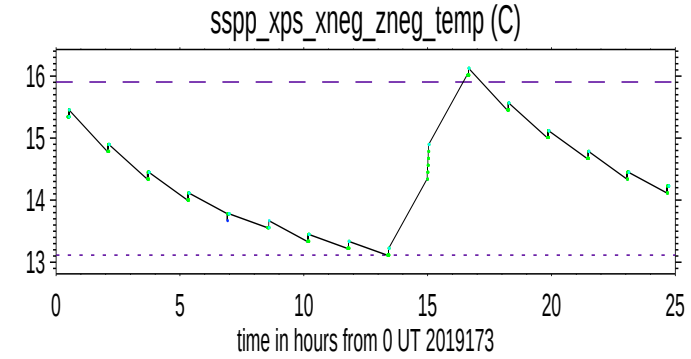

sspp_15pos (V)
15.04
15.02
15.00
14.98
0
5
10
15
20
25
time in hours from 0 UT 2019173

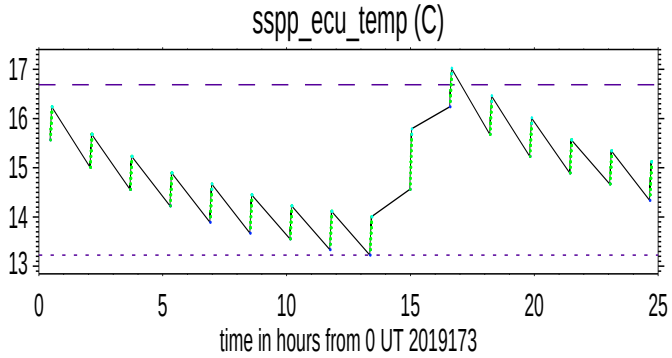

sspp_5_conv_temp (C)
20
18
16
14
0
5
10
15
20
25
time in hours from 0 UT 2019173

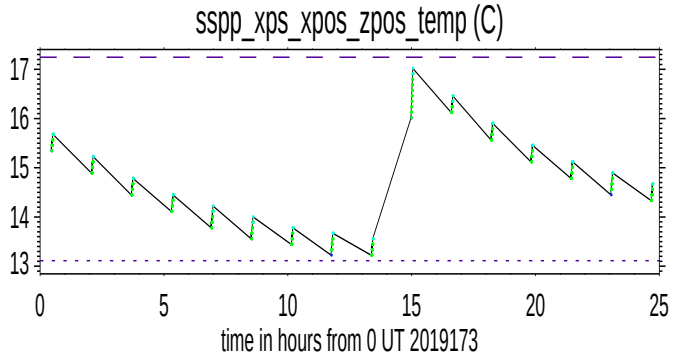

sspp_4_conv_temp (C)
19
18
17
16
15
14
0
5
10
15
20
25
time in hours from 0 UT 2019173

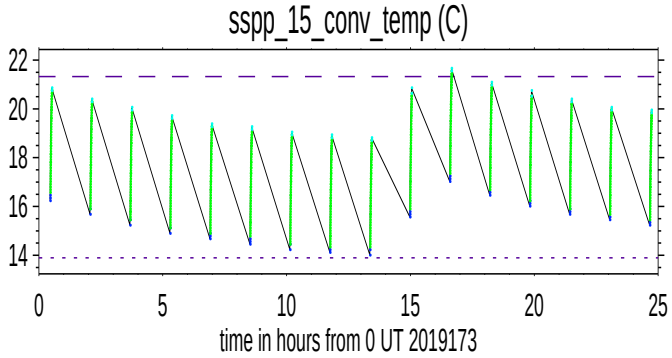

sspp_15neg (V)
-14.90
-14.95
-15.00
0
5
10
15
20
25
time in hours from 0 UT 2019173

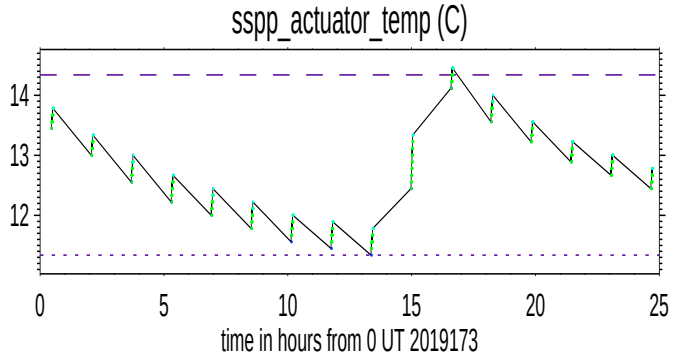

sspp_egs_xpos_zpos_temp (C)
20
18
16
14
0
5
10
15
20
25
time in hours from 0 UT 2019173

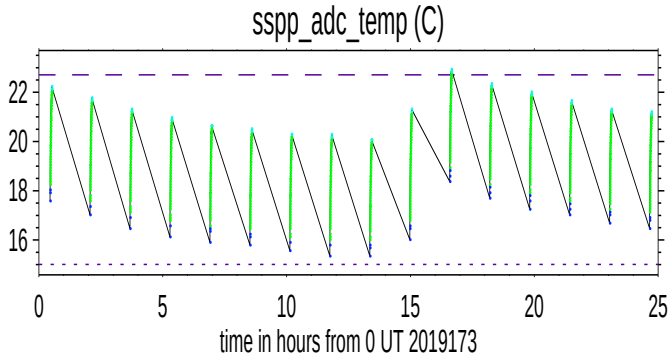

sspp_xps_xneg_zneg_temp (C)
16
15
14
13
0
5
10
15
20
25
time in hours from 0 UT 2019173

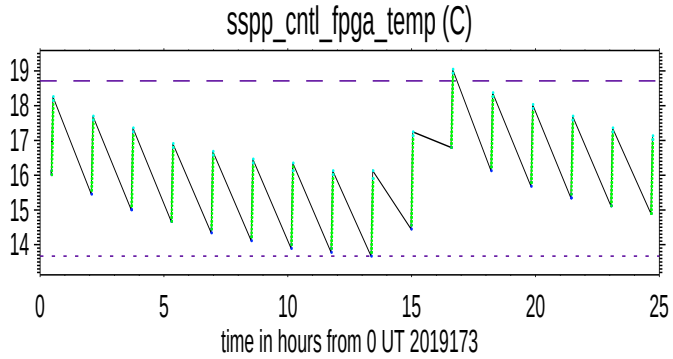

sspp_ecu_temp (C)
17
16
15
14
13
0
5
10
15
20
25
time in hours from 0 UT 2019173

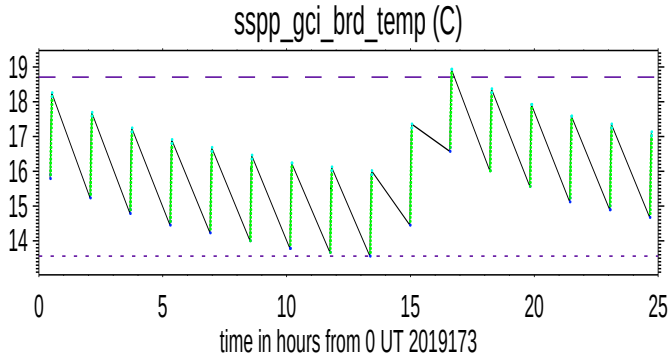

sspp_xps_xpos_zpos_temp (C)
17
16
15
14
13
0
5
10
15
20
25
time in hours from 0 UT 2019173

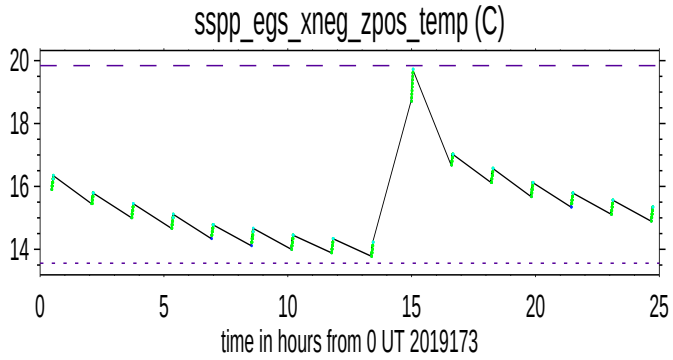

sspp_15_conv_temp (C)
22
20
18
16
14
0
5
10
15
20
25
time in hours from 0 UT 2019173

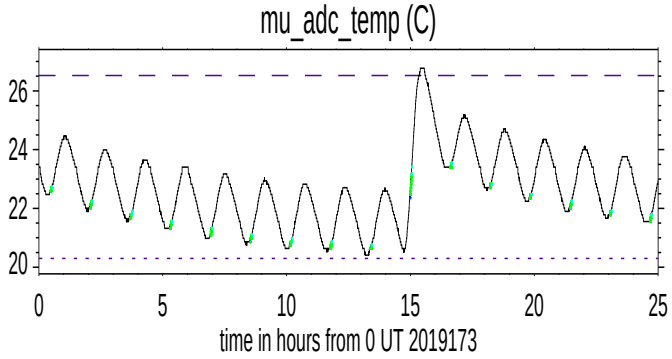

sspp_actuator_temp (C)
14
13
12
0
5
10
15
20
25
time in hours from 0 UT 2019173

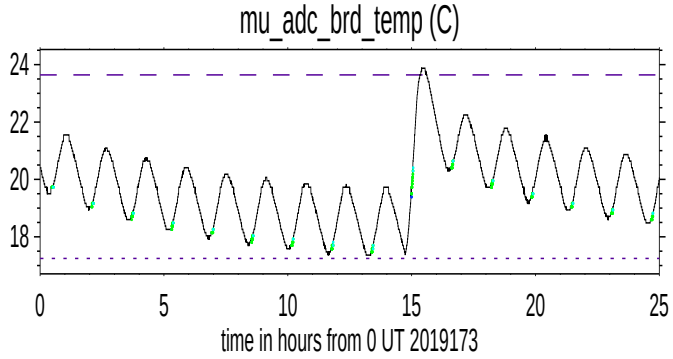

sspp_adc_temp (C)
22
20
18
16
0
5
10
15
20
25
time in hours from 0 UT 2019173

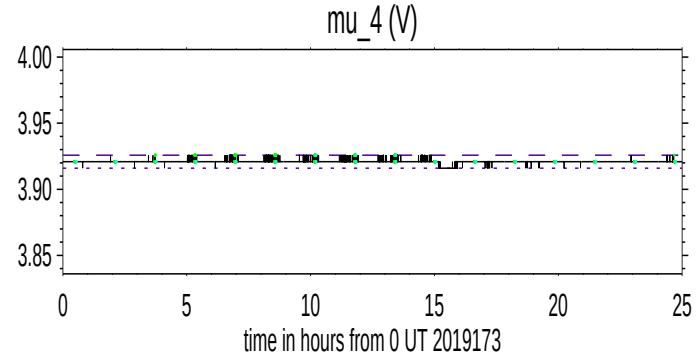

sspp_cntl_fpga_temp (C)
19
18
17
16
15
14
0
5
10
15
20
25
time in hours from 0 UT 2019173

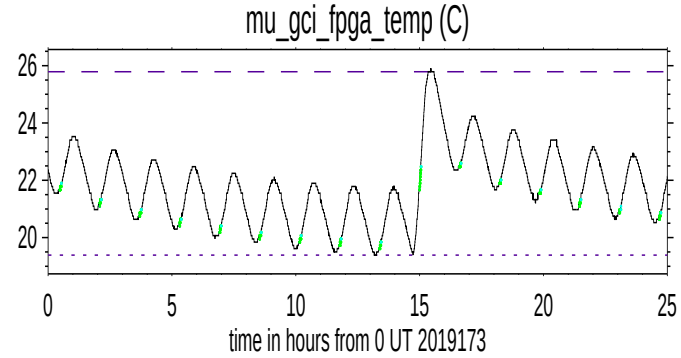

sspp_gci_brd_temp (C)
19
18
17
16
15
14
0
5
10
15
20
25
time in hours from 0 UT 2019173

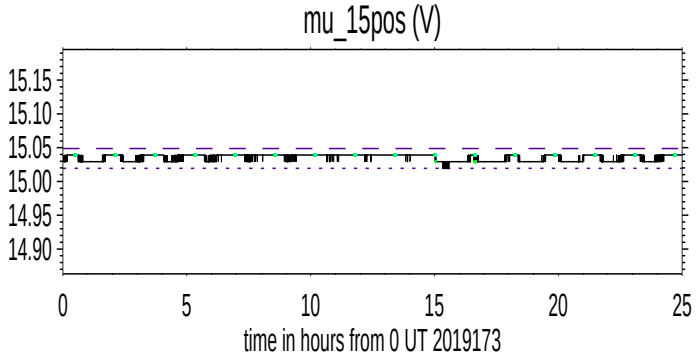

sspp_egs_xneg_zpos_temp (C)
20
18
16
14
0
5
10
15
20
25
time in hours from 0 UT 2019173

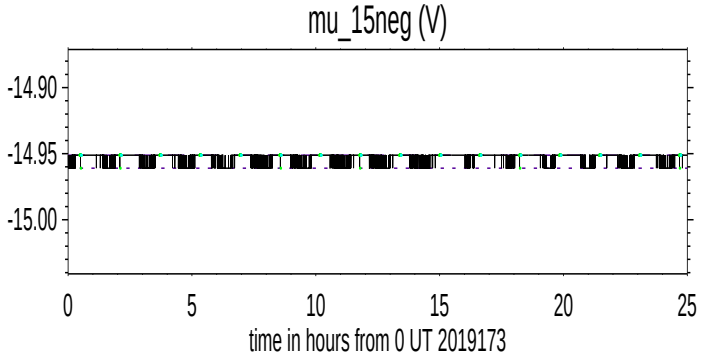

mu_adc_temp (C)
26
24
22
20
0
5
10
15
20
25
time in hours from 0 UT 2019173

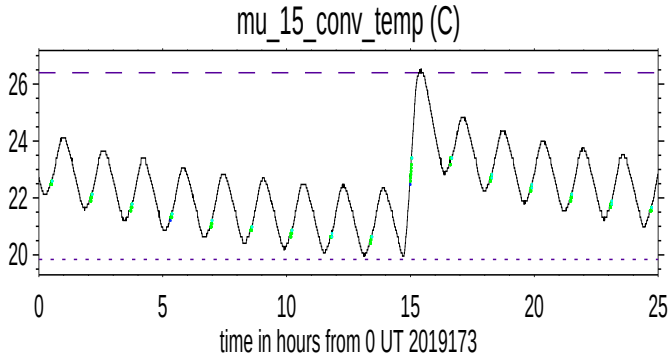

mu_adc_brd_temp (C)
24
22
20
18
0
5
10
15
20
25
time in hours from 0 UT 2019173

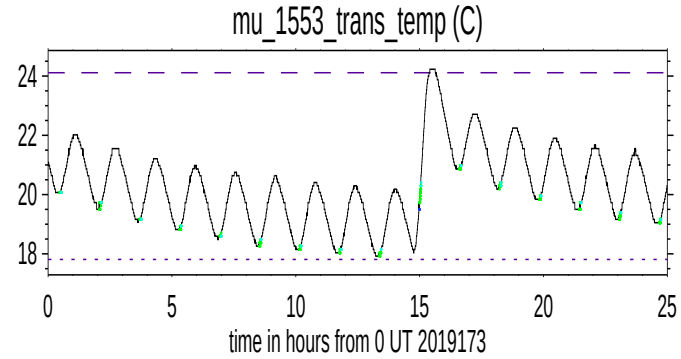

mu_4 (V)
4.00
3.95
3.90
3.85
0
5
10
15
20
25
time in hours from 0 UT 2019173

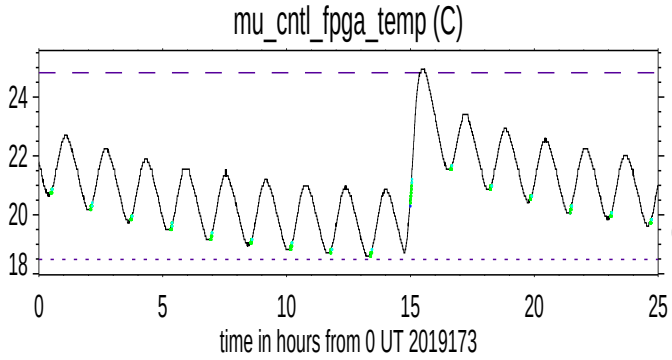

mu_gci_fpga_temp (C)
26
24
22
20
0
5
10
15
20
25
time in hours from 0 UT 2019173

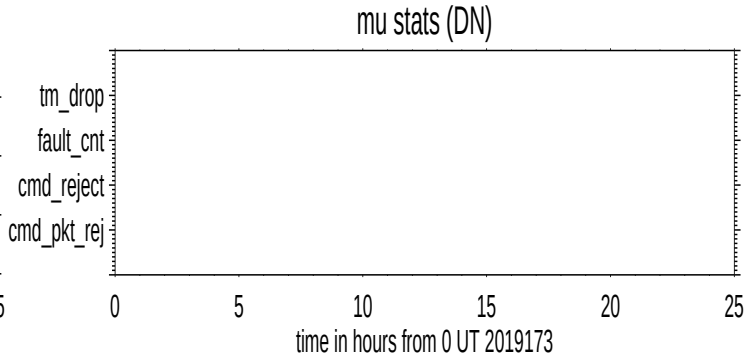

mu_15pos (V)
15.15
15.10
15.05
15.00
14.95
14.90
0
5
10
15
20
25
time in hours from 0 UT 2019173

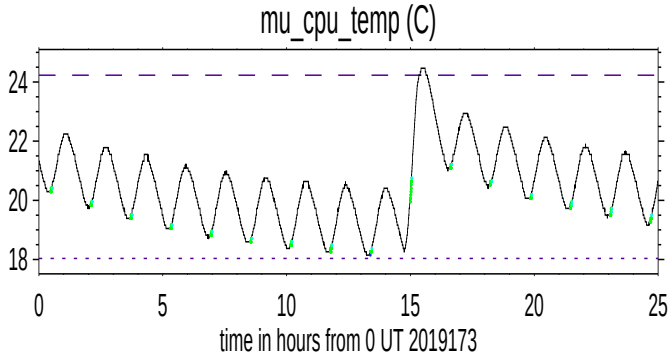

mu_15neg (V)
-14.90
-14.95
-15.00
0
5
10
15
20
25
time in hours from 0 UT 2019173

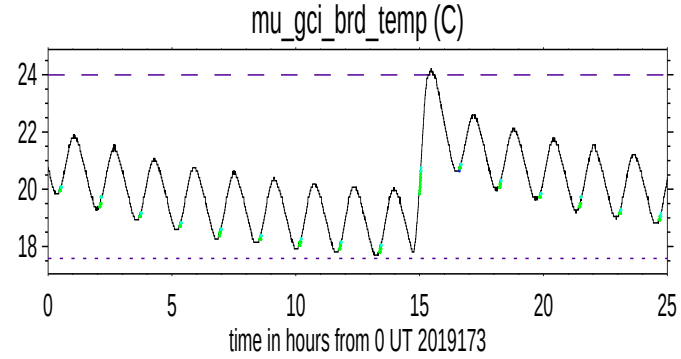

mu_15_conv_temp (C)
26
24
22
20
0
5
10
15
20
25
time in hours from 0 UT 2019173

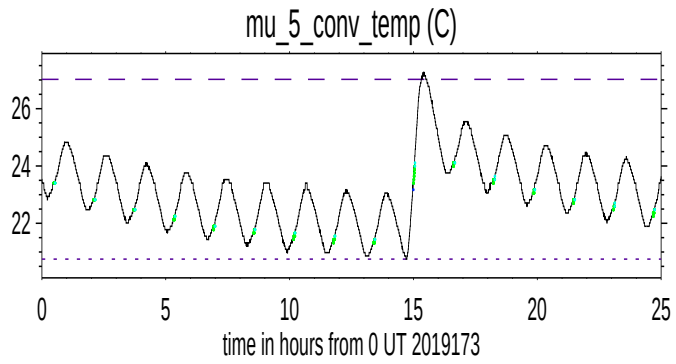

mu_1553_trans_temp (C)
24
22
20
18
0
5
10
15
20
25
time in hours from 0 UT 2019173

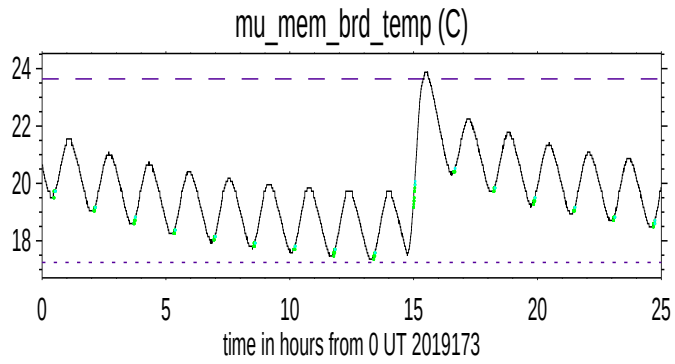

mu_cntl_fpga_temp (C)
24
22
20
18
0
5
10
15
20
25
time in hours from 0 UT 2019173

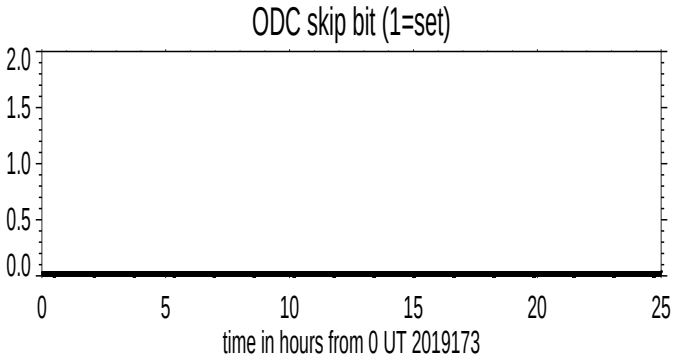

mu stats (DN)
tm_drop
fault_cnt
cmd_reject
cmd_pkt_rej
0
5
10
15
20
25
time in hours from 0 UT 2019173

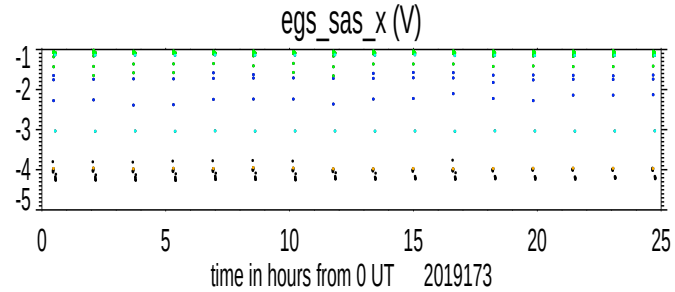

mu_cpu_temp (C)
24
22
20
18
0
5
10
15
20
25
time in hours from 0 UT 2019173

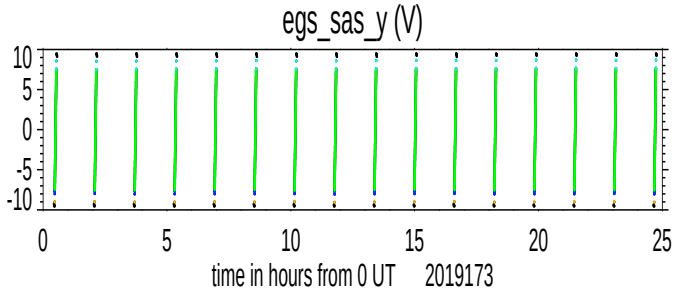

mu_gci_brd_temp (C)
24
22
20
18
0
5
10
15
20
25
time in hours from 0 UT 2019173

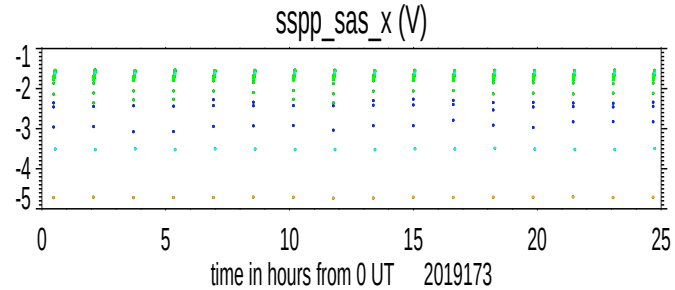

mu_5_conv_temp (C)
26
24
22
0
5
10
15
20
25
time in hours from 0 UT 2019173

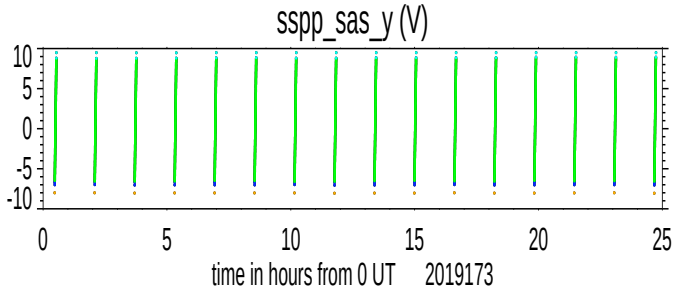

mu_mem_brd_temp (C)
24
22
20
18
0
5
10
15
20
25
time in hours from 0 UT 2019173

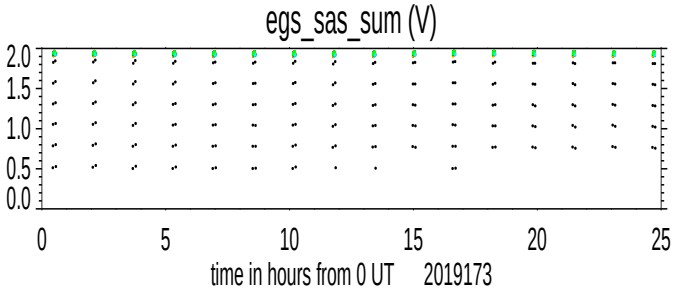

ODC skip bit (1=set)
2.0
1.5
1.0
0.5
0.0
0
5
10
15
20
25
time in hours from 0 UT 2019173

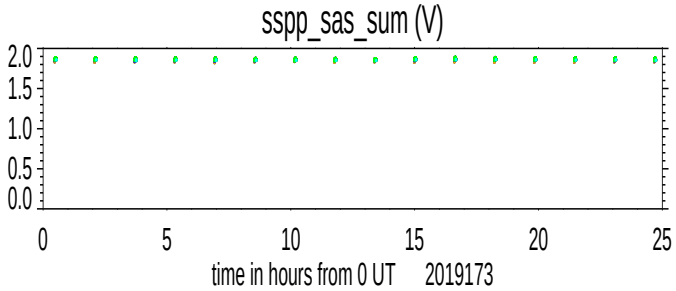

egs_sas_x (V)
-1
-2
-3
-4
-5
0
5
10
15
20
25
time in hours from 0 UT 2019173

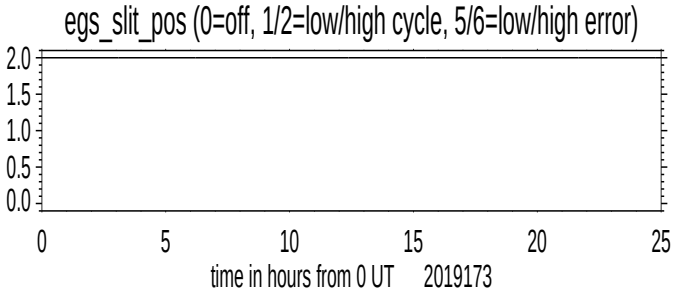

egs_sas_y (V)
10
5
0
-5
-10
0
5
10
15
20
25
time in hours from 0 UT 2019173

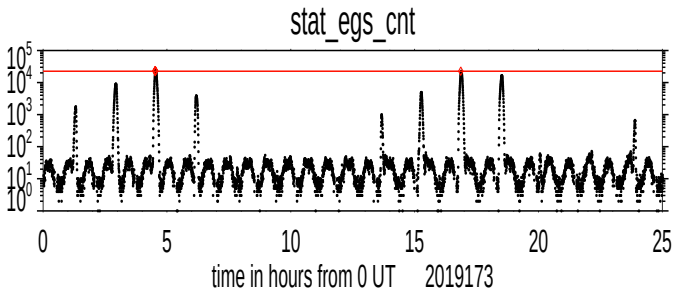

sspp_sas_x (V)
-1
-2
-3
-4
-5
0
5
10
15
20
25
time in hours from 0 UT 2019173

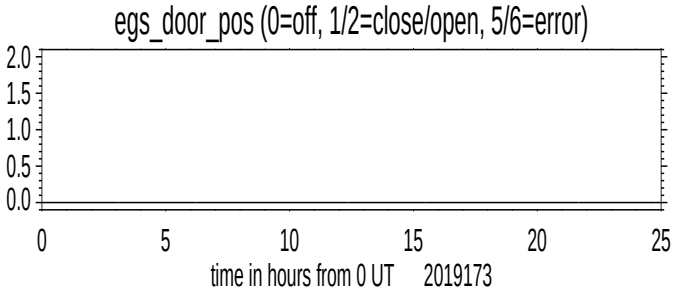

sspp_sas_y (V)
10
5
0
-5
-10
0
5
10
15
20
25
time in hours from 0 UT 2019173

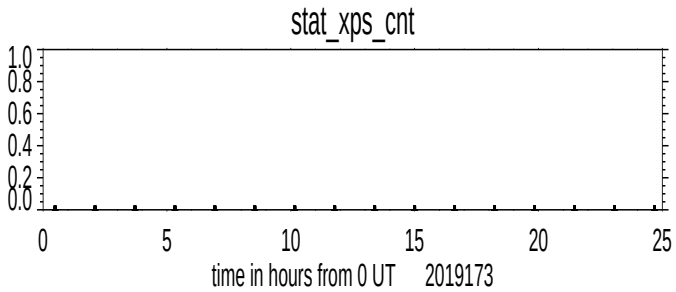

egs_sas_sum (V)
2.0
1.5
1.0
0.5
0.0
0
5
10
15
20
25
time in hours from 0 UT 2019173

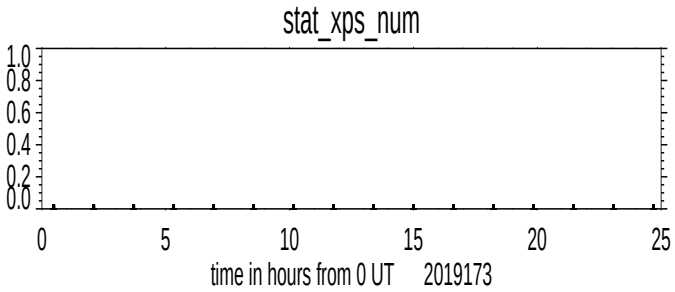

sspp_sas_sum (V)
2.0
1.5
1.0
0.5
0.0
0
5
10
15
20
25
time in hours from 0 UT 2019173

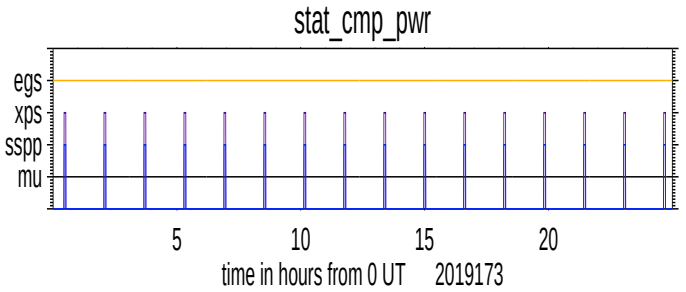

egs_slit_pos (0=off, 1/2=low/high cycle, 5/6=low/high error)
2.0
1.5
1.0
0.5
0.0
0
5
10
15
20
25
time in hours from 0 UT 2019173


stat_egs_cnt
10^5
10^4
10^3
10^2
10^1
10^0
0
5
10
15
20
25
time in hours from 0 UT 2019173

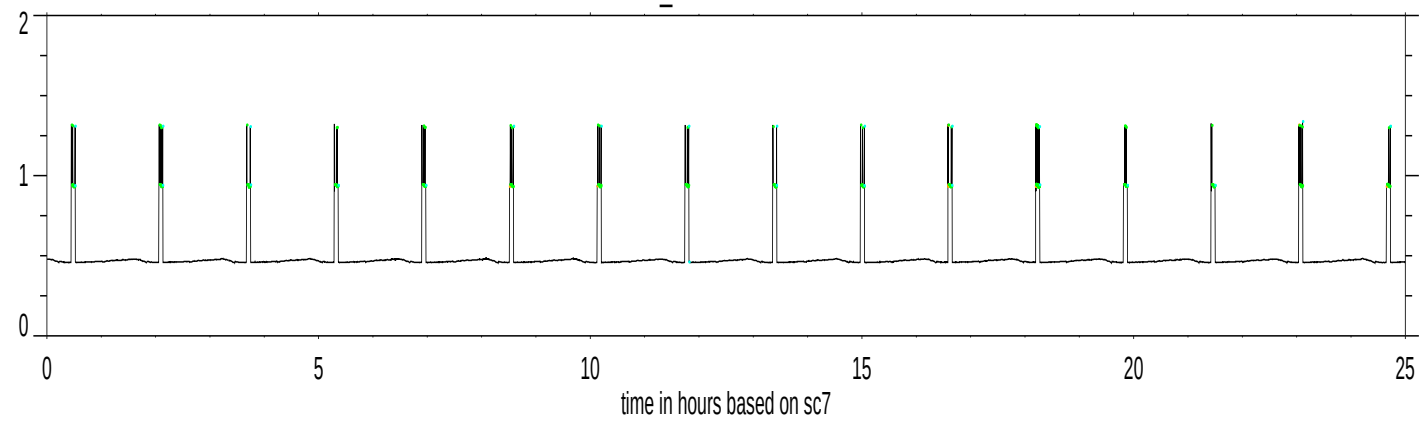

egs_door_pos (0=off, 1/2=close/open, 5/6=error)
2.0
1.5
1.0
0.5
0.0
0
5
10
15
20
25
time in hours from 0 UT 2019173


stat_xps_cnt
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
time in hours from 0 UT 2019173

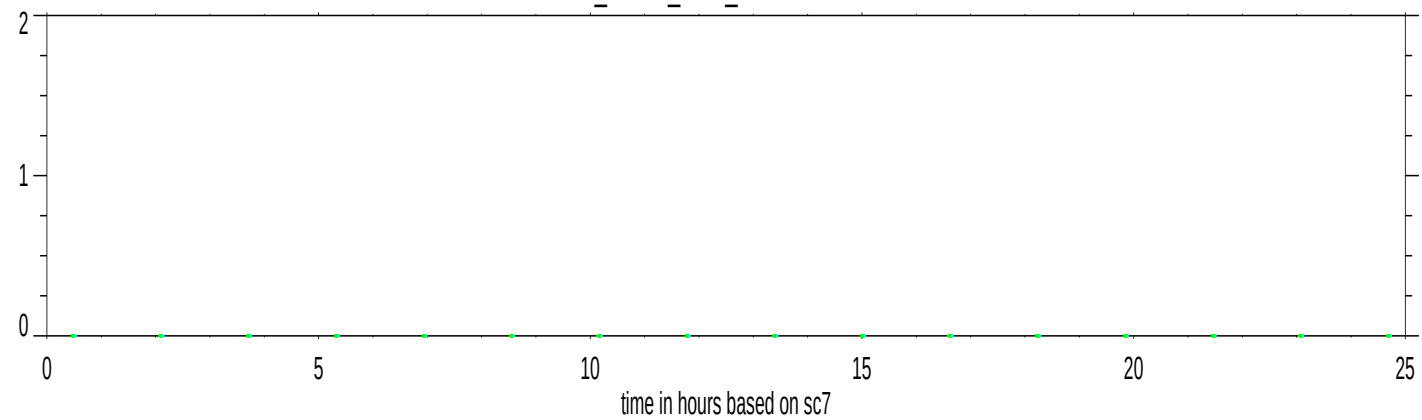

stat_xps_num
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
time in hours from 0 UT 2019173


stat_cmp_pwr
egs
xps
sspp
mu
5
10
15
20
time in hours from 0 UT 2019173

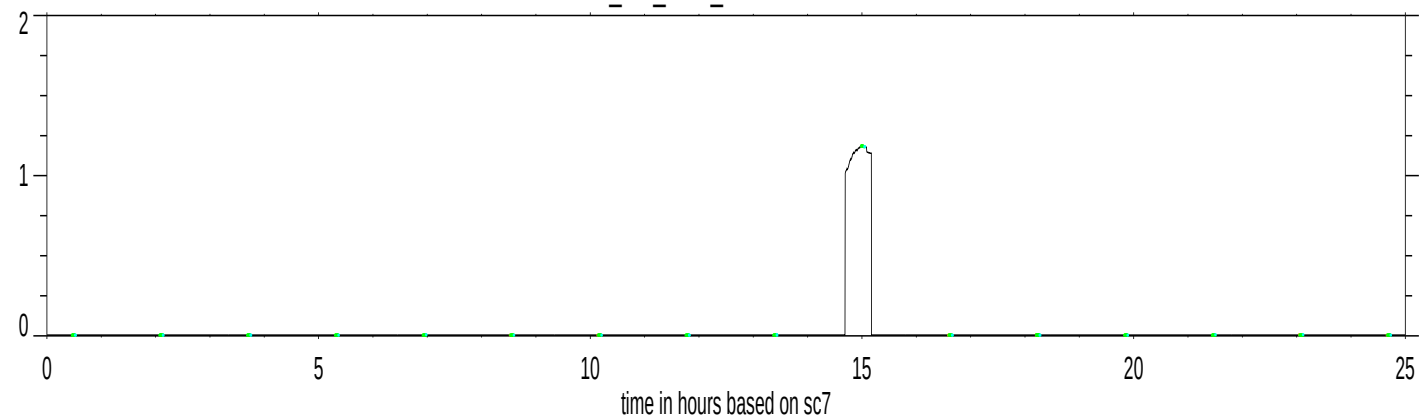
SEE_CUR 2019173



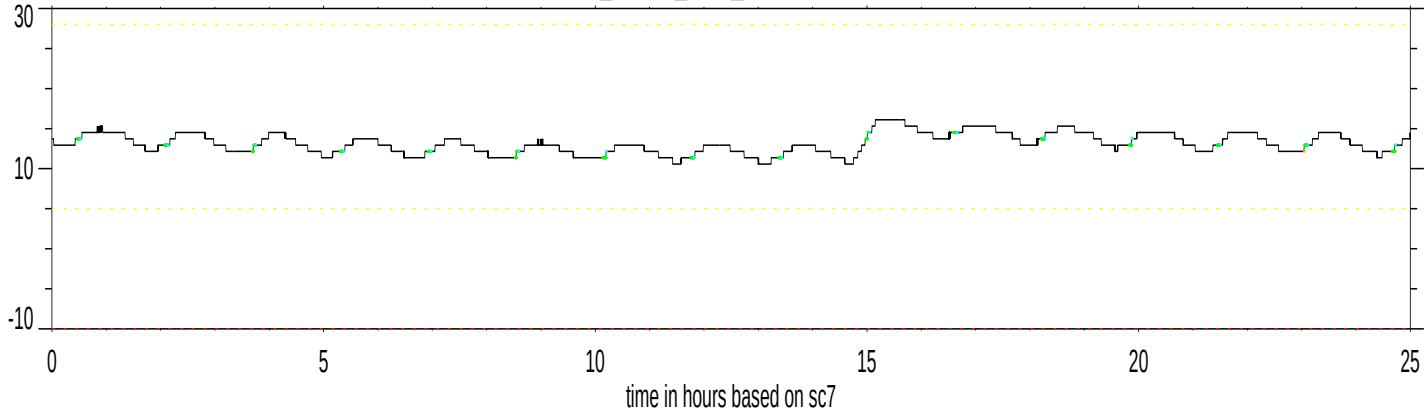
SEE_SURV_HTR_CUR 2019173

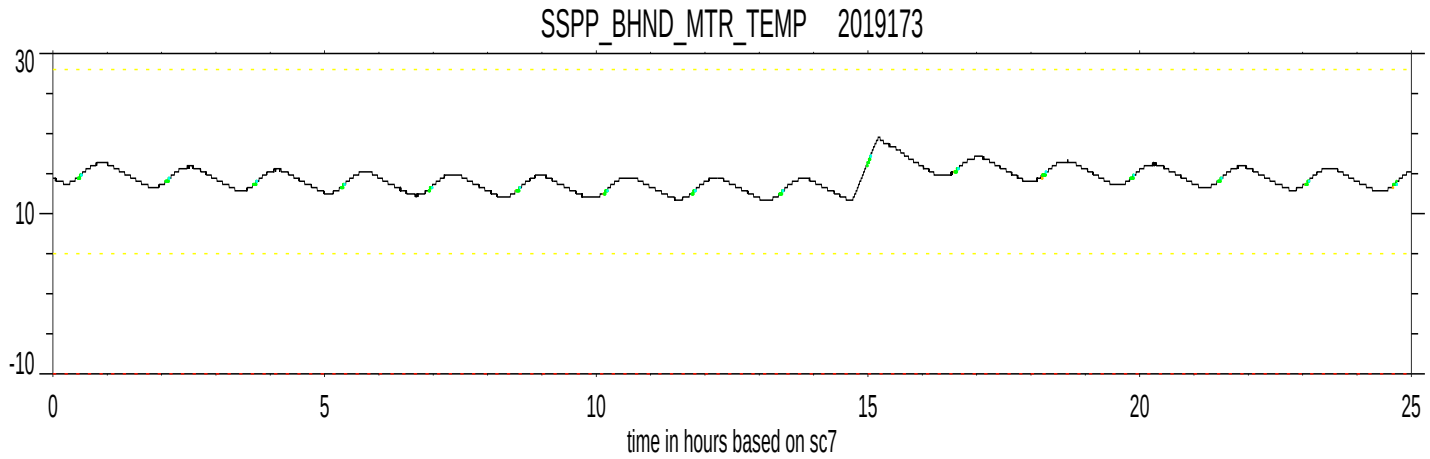


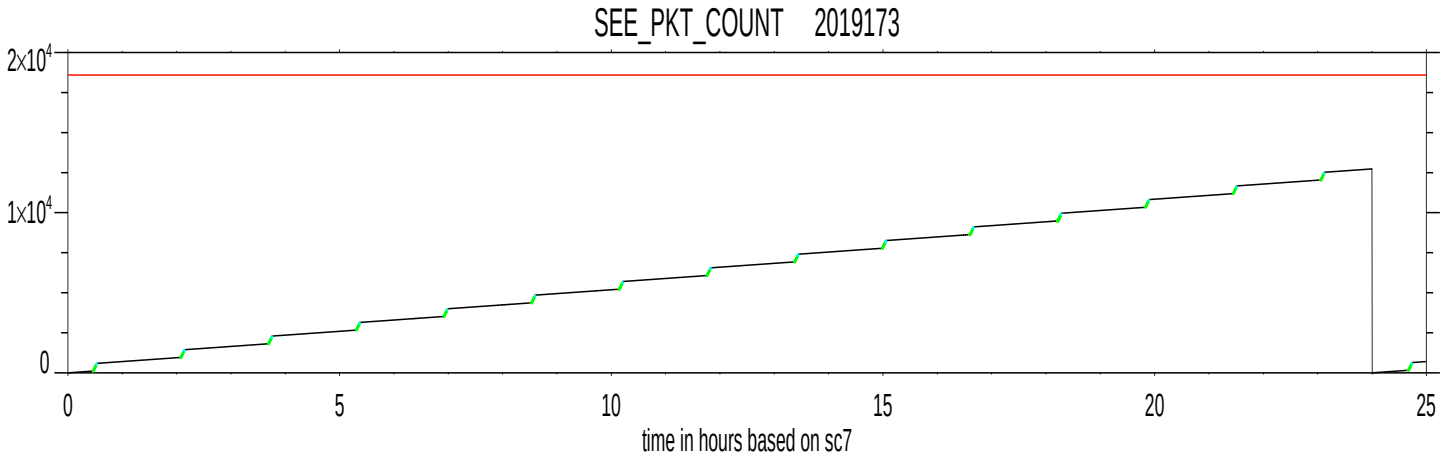
SEE_OP_HTR_CUR 2019173

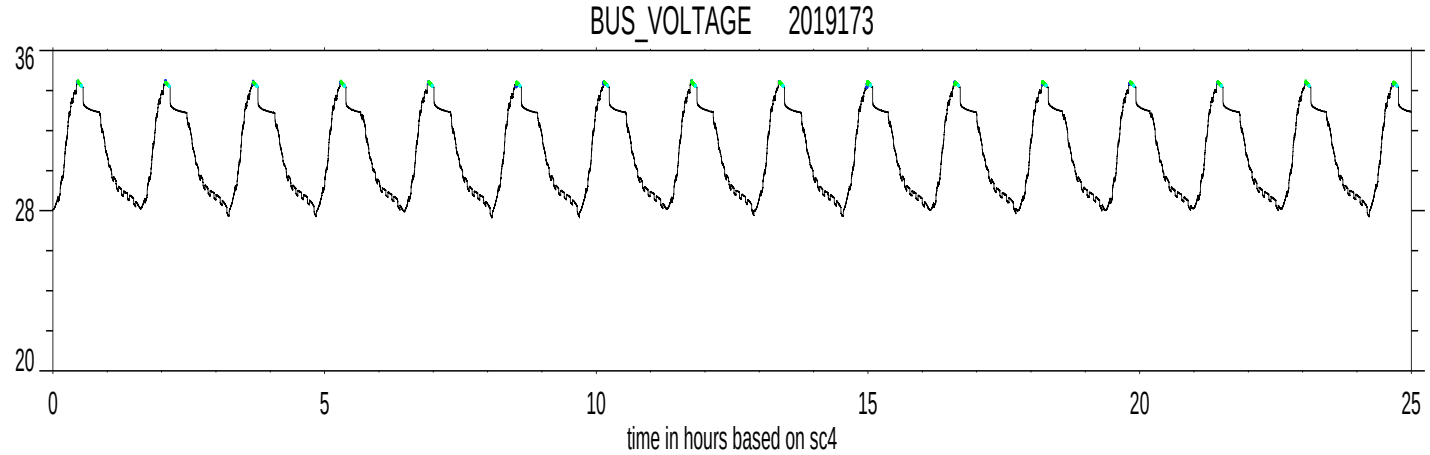


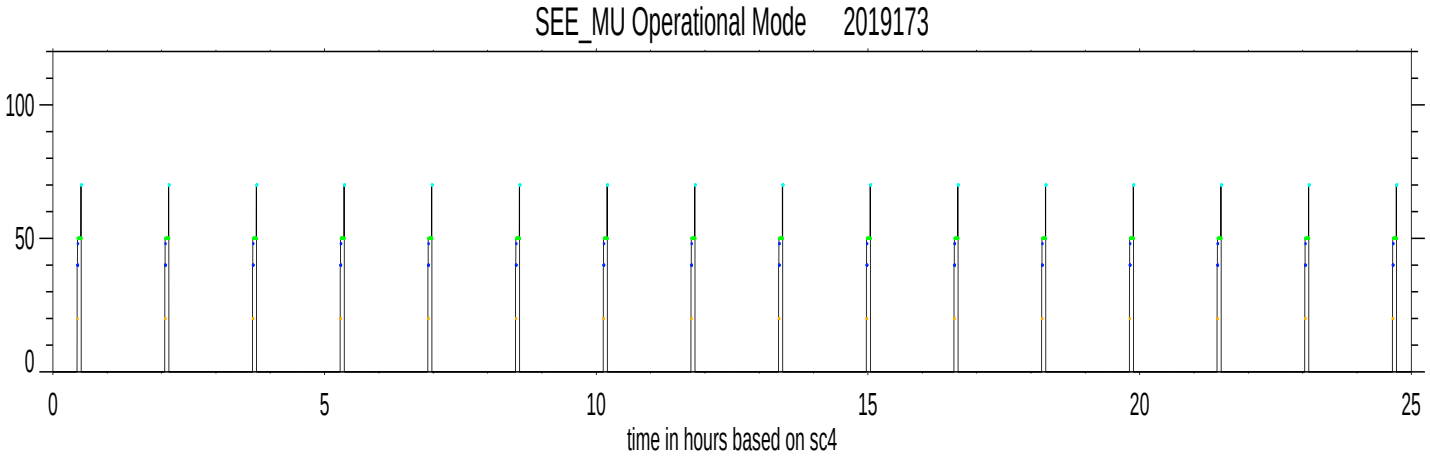
SSPP_BHND_XPS_TEMP 2019173

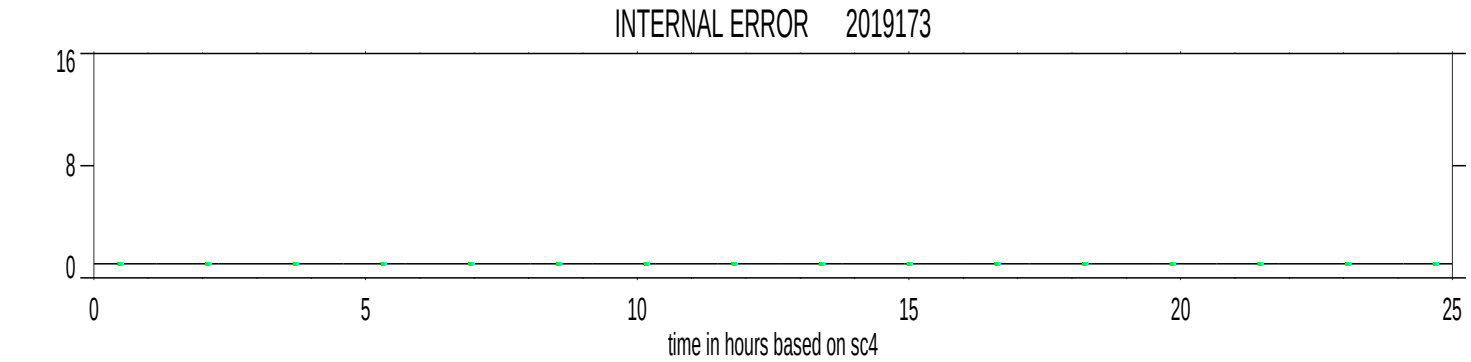


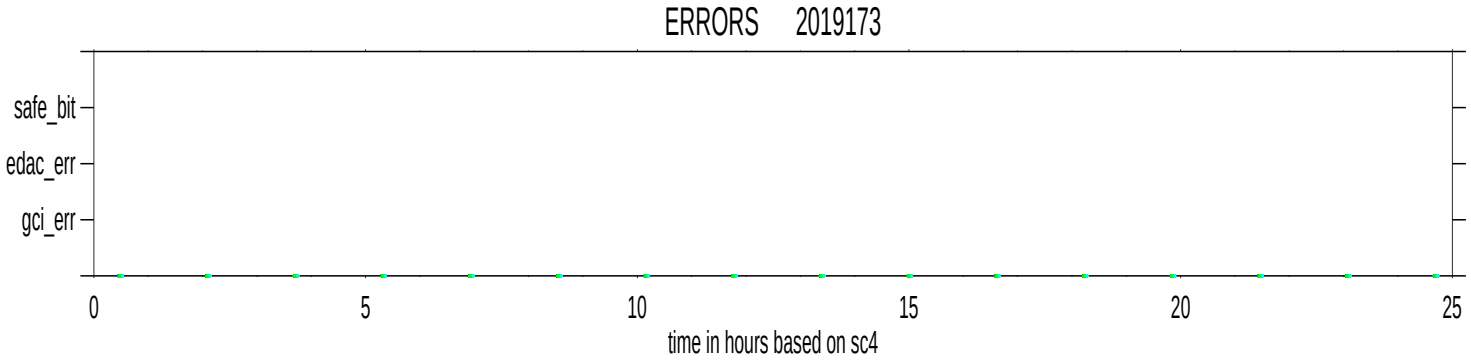

SSPP_BHND_MTR_TEMP 2019173
30
10
-10
0
5
10
15
20
25
time in hours based on sc7

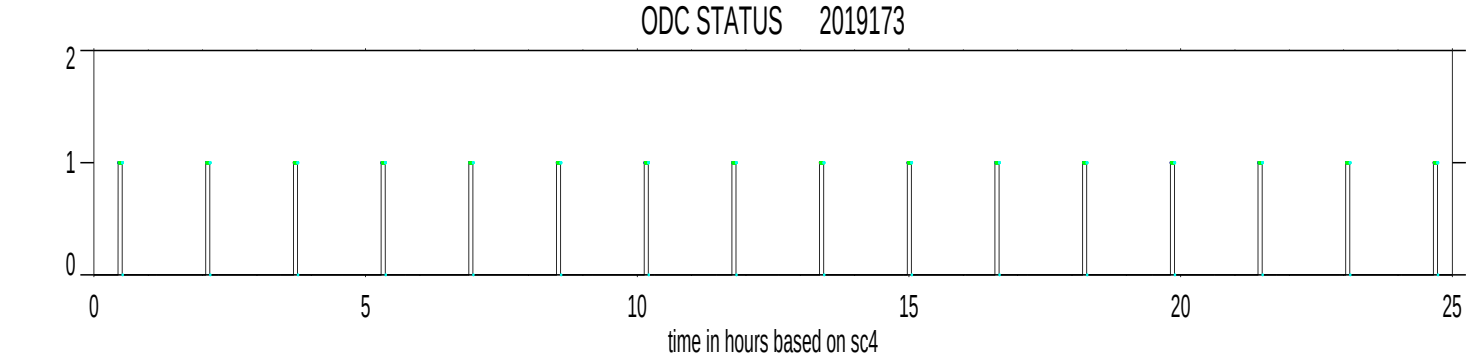

SEE_PKT_COUNT 2019173
2x10^4
1x10^4
0
0
5
10
15
20
25
time in hours based on sc7

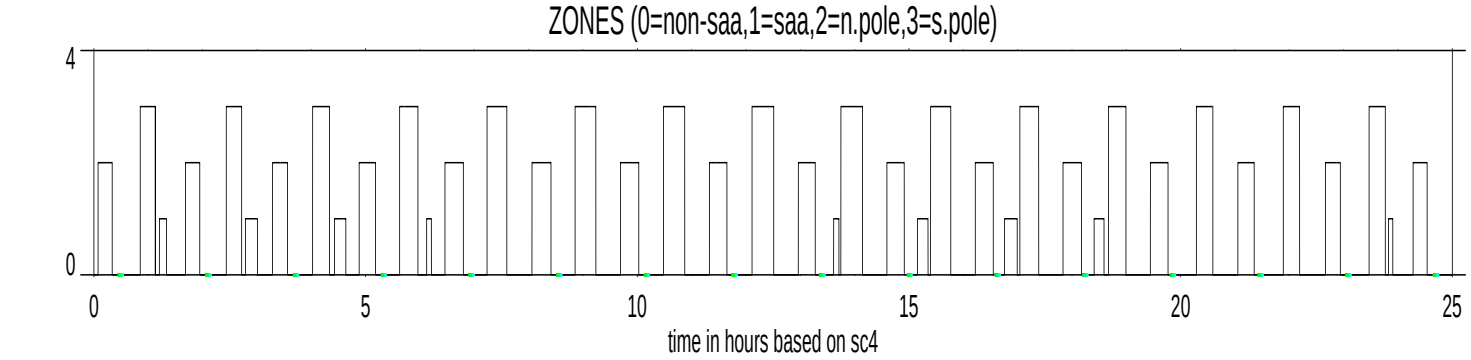

BUS_VOLTAGE 2019173
36
28
20
0
5
10
15
20
25
time in hours based on sc4

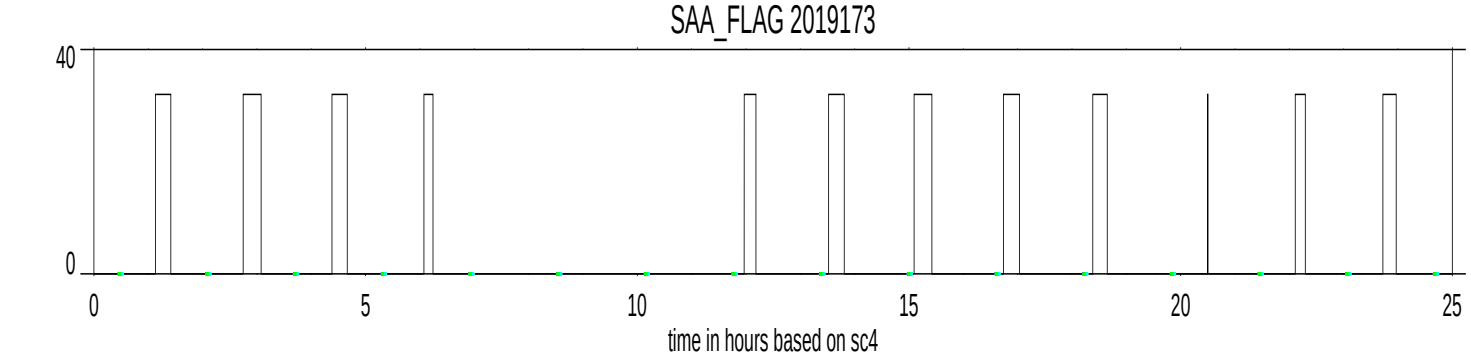

SEE_MU Operational Mode 2019173
100
50
0
0
5
10
15
20
25
time in hours based on sc4

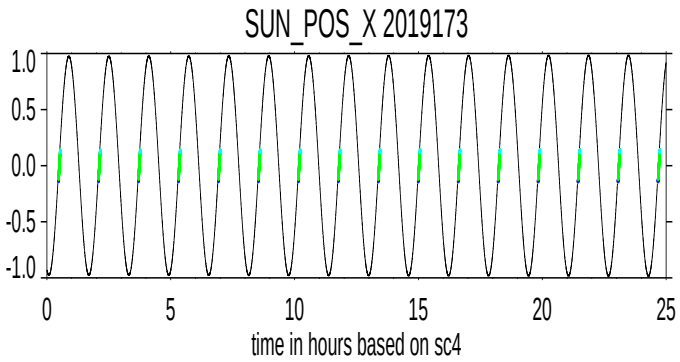

INTERNAL ERROR 2019173
16
8
0
0
5
10
15
20
25
time in hours based on sc4

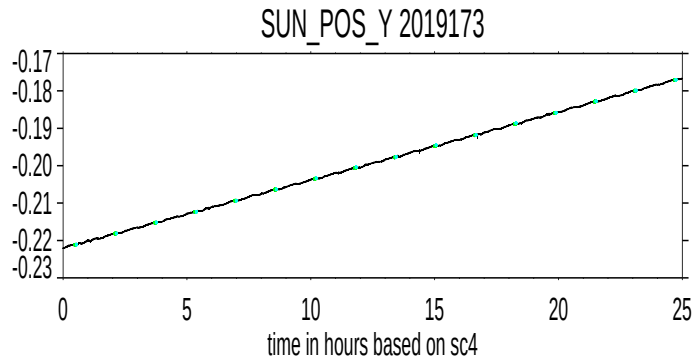

ERRORS 2019173
safe_bit
edac_err
gci_err
0
5
10
15
20
25
time in hours based on sc4

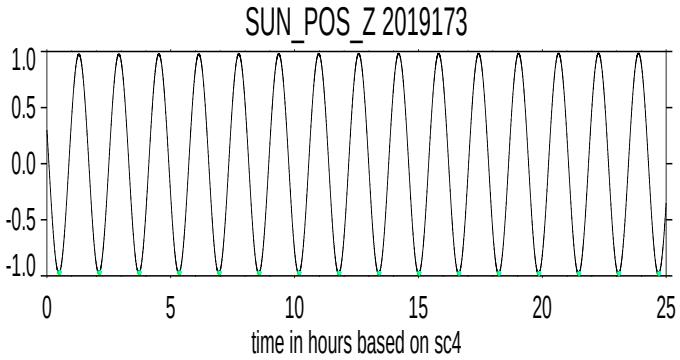

ODC STATUS 2019173
2
1
0
0
5
10
15
20
25
time in hours based on sc4

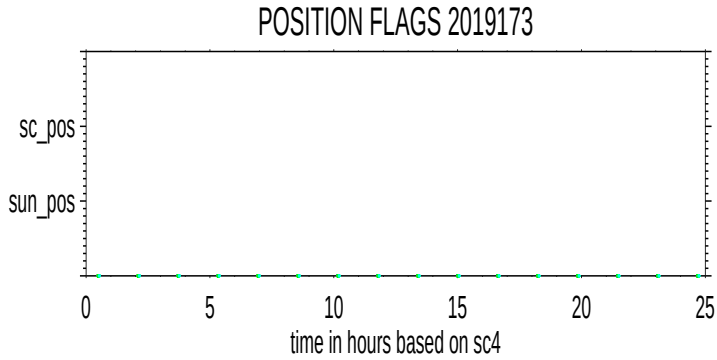

ZONES (0=non-saa,1=saa,2=n.pole,3=s.pole)
4
0
0
5
10
15
20
25
time in hours based on sc4

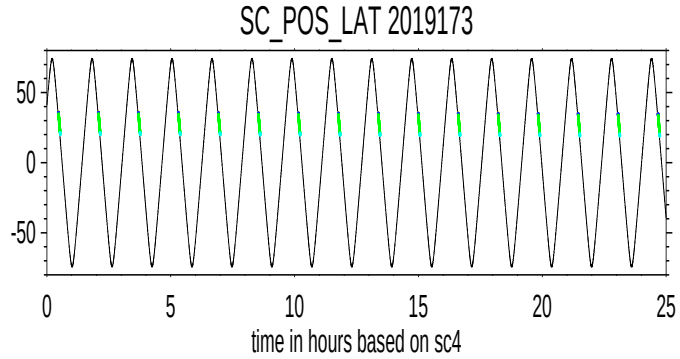

SAA_FLAG 2019173
40
0
0
5
10
15
20
25
time in hours based on sc4

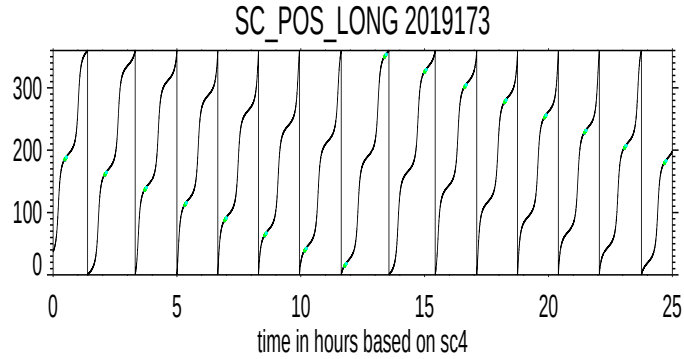

SUN_POS_X 2019173
1.0
0.5
0.0
-0.5
-1.0
0
5
10
15
20
25
time in hours based on sc4

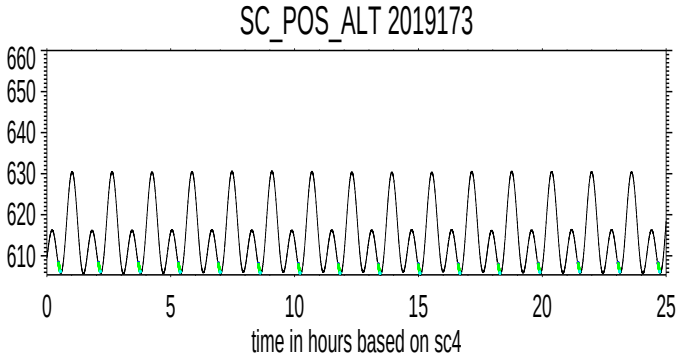

SUN_POS_Y 2019173
-0.17
-0.18
-0.19
-0.20
-0.21
-0.22
-0.23
0
5
10
15
20
25
time in hours based on sc4

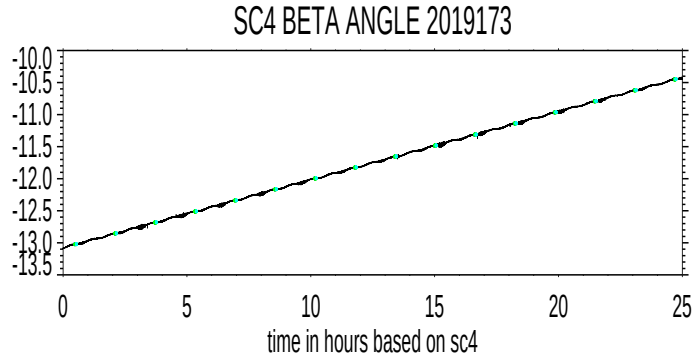

SUN_POS_Z 2019173
1.0
0.5
0.0
-0.5
-1.0
0
5
10
15
20
25
time in hours based on sc4


POSITION FLAGS 2019173
sc_pos
sun_pos
0
5
10
15
20
25
time in hours based on sc4


SC_POS_LAT 2019173
50
0
-50
0
5
10
15
20
25
time in hours based on sc4


SC_POS_LONG 2019173
300
200
100
0
0
5
10
15
20
25
time in hours based on sc4


SC_POS_ALT 2019173
660
650
640
630
620
610
0
5
10
15
20
25
time in hours based on sc4


SC4 BETA ANGLE 2019173
-10.0
-10.5
-11.0
-11.5
-12.0
-12.5
-13.0
-13.5
0
5
10
15
20
25
time in hours based on sc4