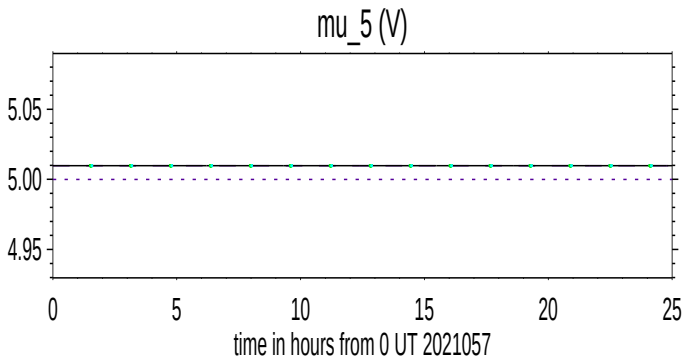
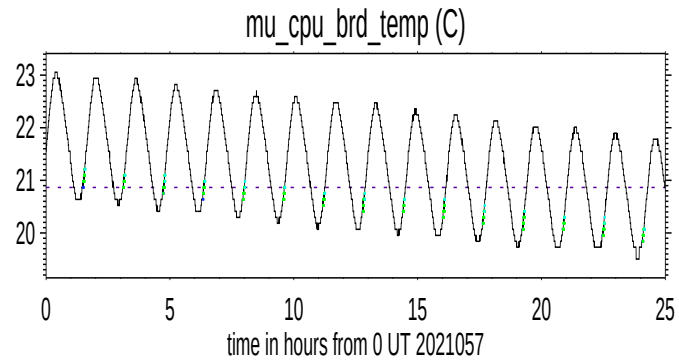
Information for 2021057

/export/timed/data/science_dp/tlm_limit/outoflimit_2021057_012.txt
Sun Mar 28 06:14:19 2021 1

RH OutOfLimit 1298332820 1298422811 hk.mu_cmd_pkt_reject


mu_5 (V)
5.05
5.00
4.95
0
5
10
15
20
25
time in hours from 0 UT 2021057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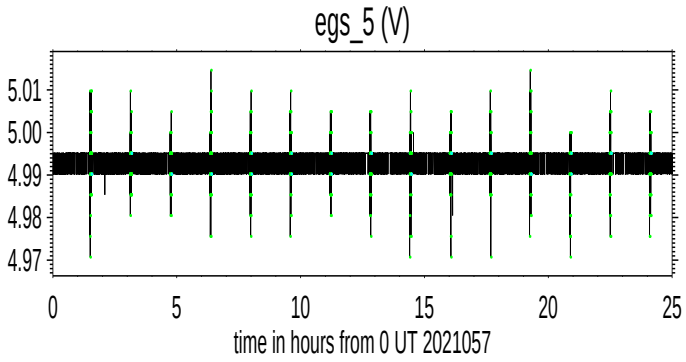
time in hours from 0 UT 2021057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4.98
4.97
0
5
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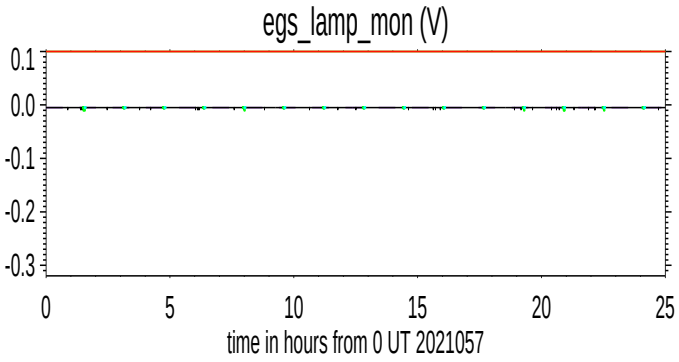
time in hours from 0 UT 2021057


egs_lamp_mon (V)
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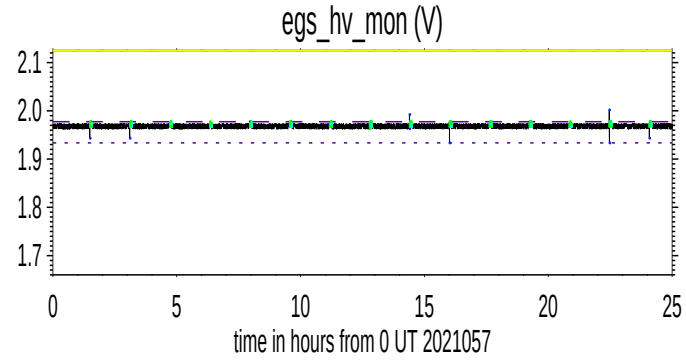
0.0
-0.1
-0.2
-0.3
0
5
10
15
20
25
time in hours from 0 UT 2021057


egs_hv_mon (V)
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2.0
1.9
1.8
1.7
0
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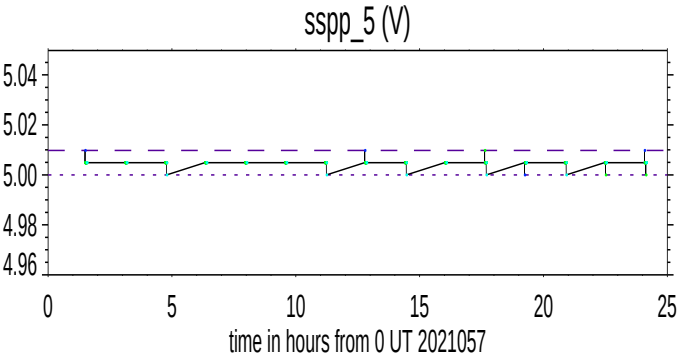
10
15
20
25
time in hours from 0 UT 2021057


sspp_5 (V)
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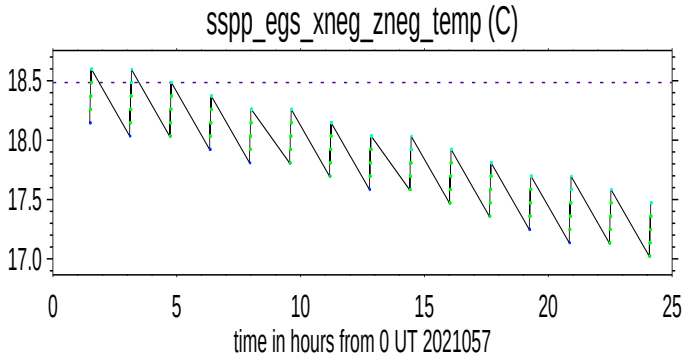
5.02
5.00
4.98
4.96
0
5
10
15
20
25
time in hours from 0 UT 2021057


sspp_egs_xneg_zneg_temp (C)
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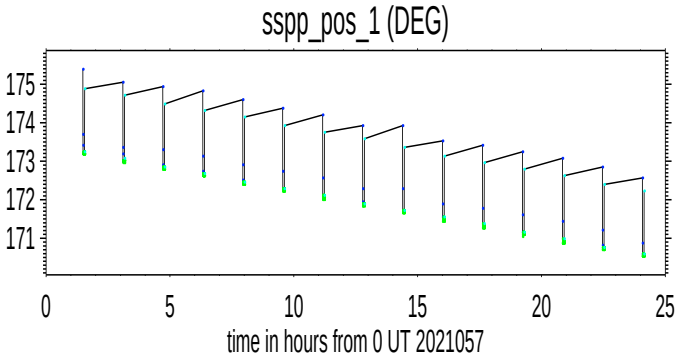
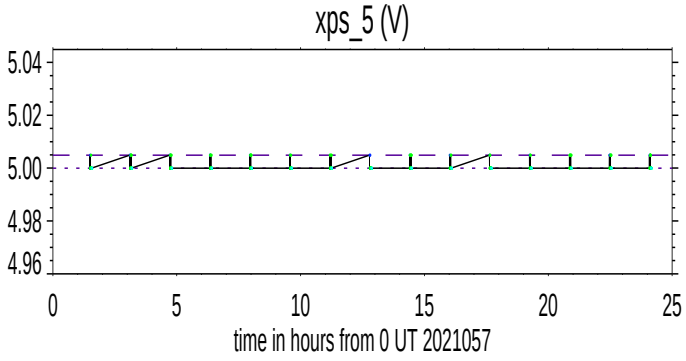
10
15
20
25
time in hours from 0 UT 2021057


sspp_pos_1 (DEG)
175
174
173
172
171
0
5
10
15
20
25
time in hours from 0 UT 2021057


xps_5 (V)
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5.02
5.00
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4.96
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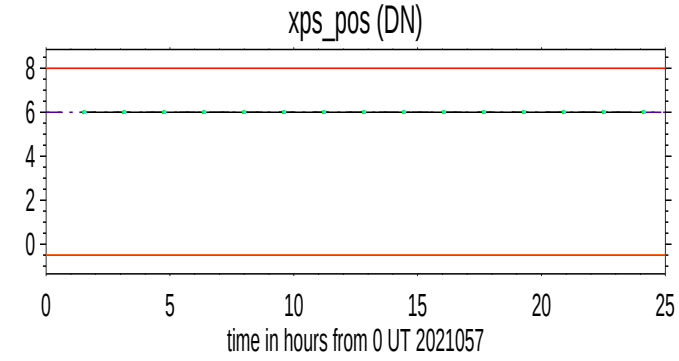
5
10
15
20
25
time in hours from 0 UT 2021057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4
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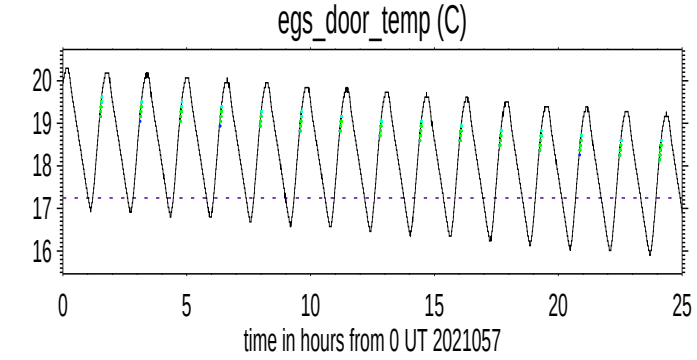
time in hours from 0 UT 2021057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16
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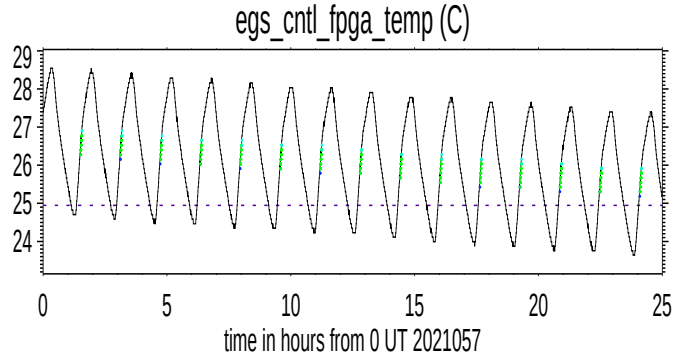
10
15
20
25
time in hours from 0 UT 2021057


egs_cntl_fpga_temp (C)
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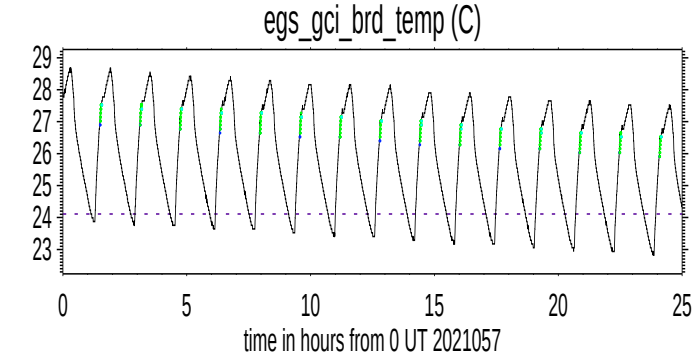
28
27
26
25
24
0
5
10
15
20
25
time in hours from 0 UT 2021057


egs_gci_brd_temp (C)
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28
27
26
25
24
23
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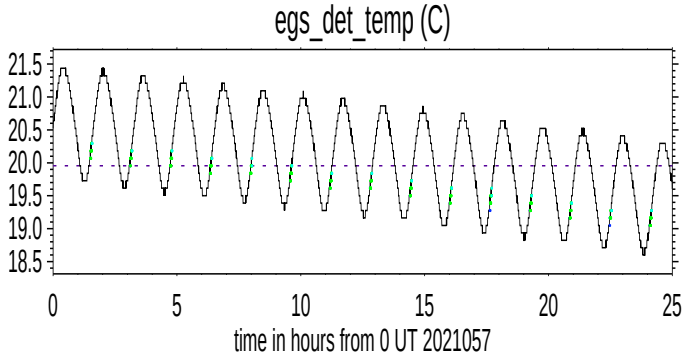
5
10
15
20
25
time in hours from 0 UT 2021057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20.0
19.5
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0
5
10
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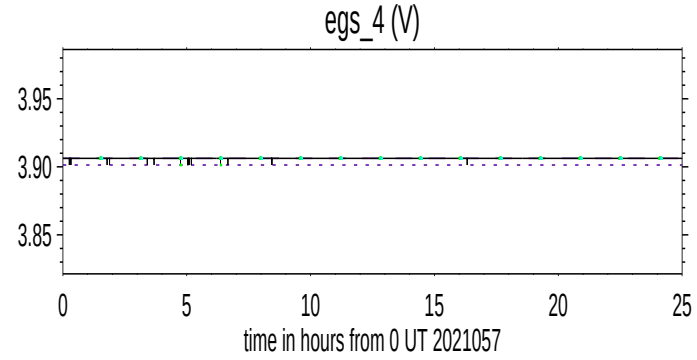
20
25
time in hours from 0 UT 2021057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3.85
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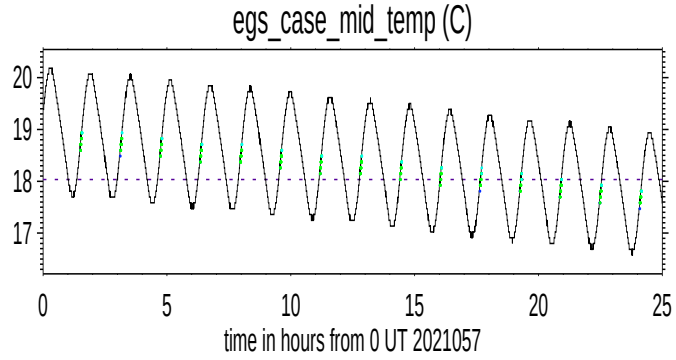
5
10
15
20
25
time in hours from 0 UT 2021057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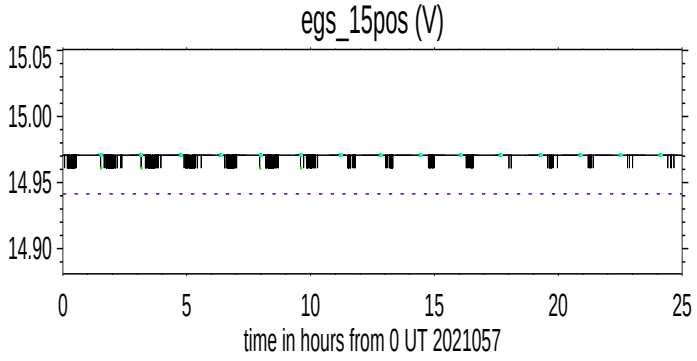
17
0
5
10
15
20
25
time in hours from 0 UT 2021057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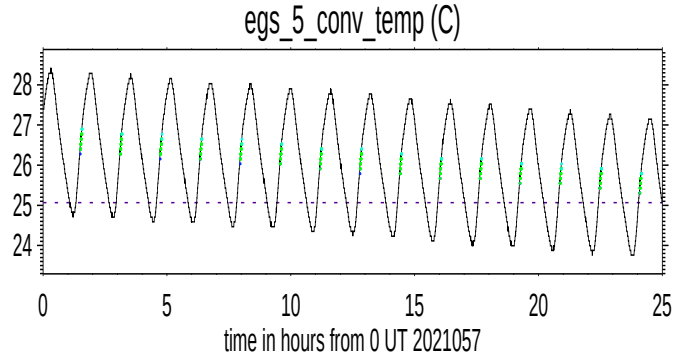
14.90
0
5
10
15
20
25
time in hours from 0 UT 2021057


egs_5_conv_temp (C)
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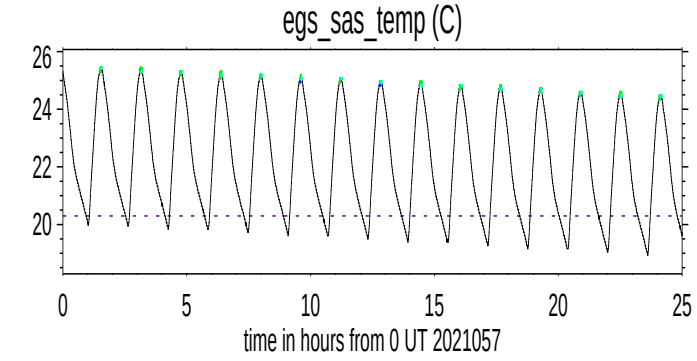
27
26
25
24
0
5
10
15
20
25
time in hours from 0 UT 2021057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24
22
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0
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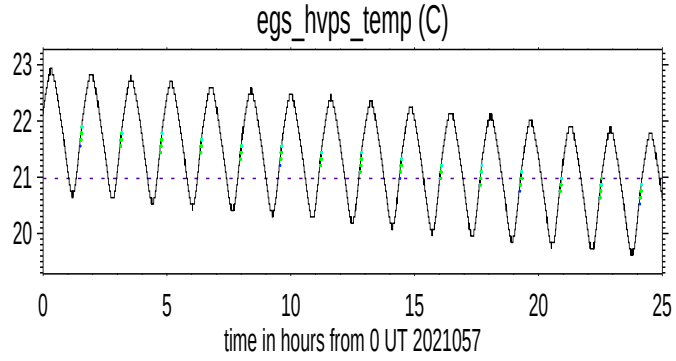
10
15
20
25
time in hours from 0 UT 2021057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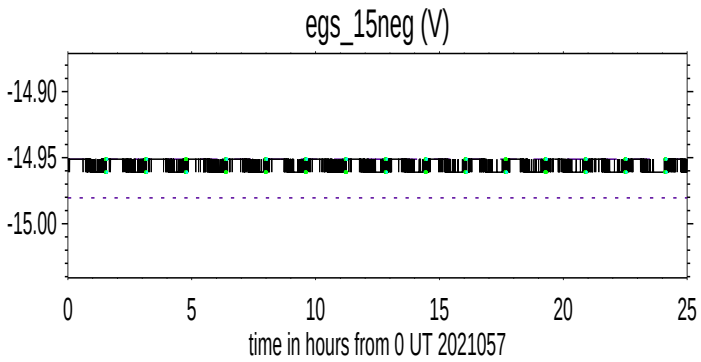
22
21
20
0
5
10
15
20
25
time in hours from 0 UT 2021057


egs_15neg (V)
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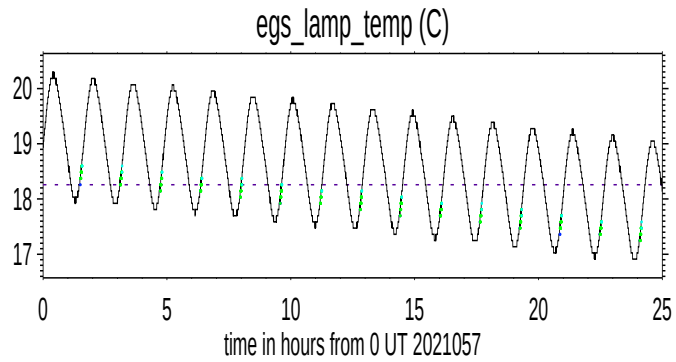
-14.95
-15.00
0
5
10
15
20
25
time in hours from 0 UT 2021057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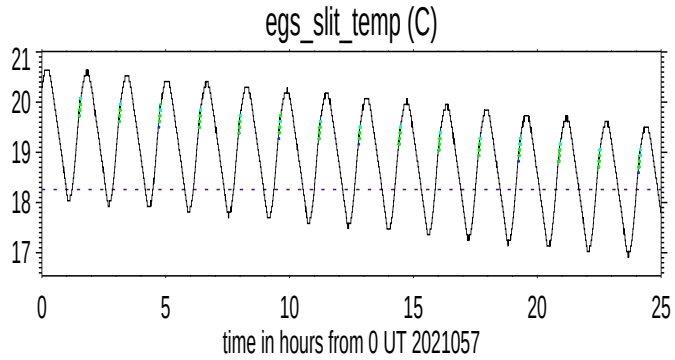
18
17
0
5
10
15
20
25
time in hours from 0 UT 2021057


egs_slit_temp (C)
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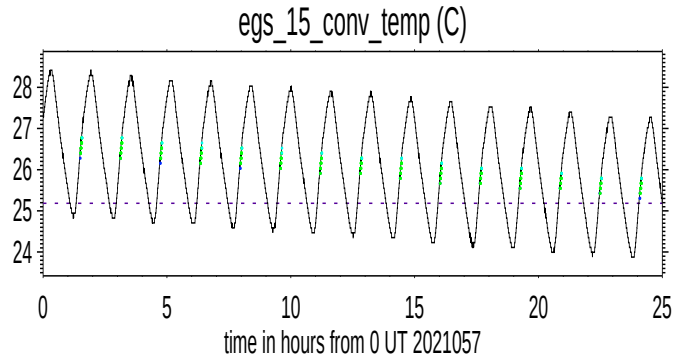
19
18
17
0
5
10
15
20
25
time in hours from 0 UT 2021057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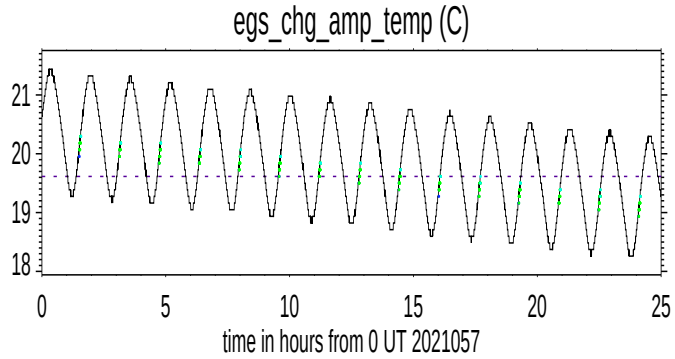
27
26
25
24
0
5
10
15
20
25
time in hours from 0 UT 2021057


egs_chg_amp_temp (C)
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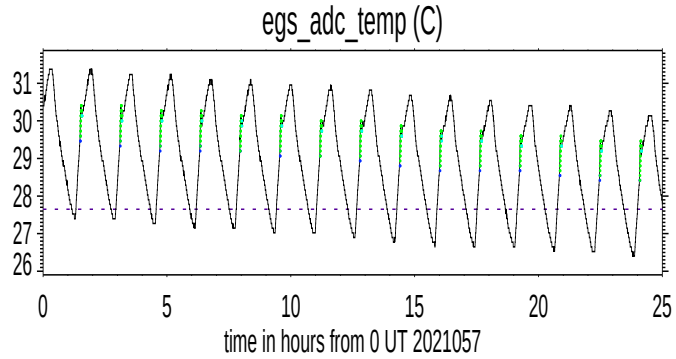
19
18
0
5
10
15
20
25
time in hours from 0 UT 2021057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30
29
28
27
26
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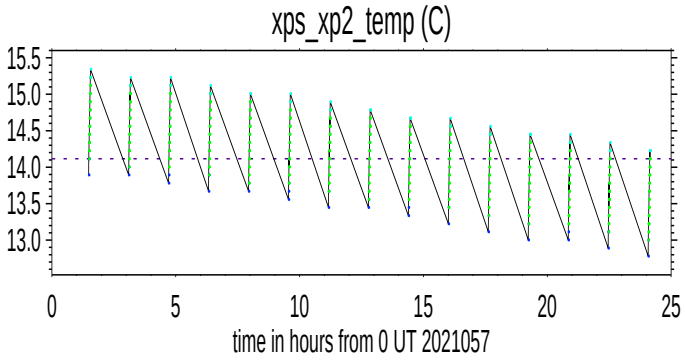
5
10
15
20
25
time in hours from 0 UT 2021057


xps_xp2_temp (C)
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5
10
15
20
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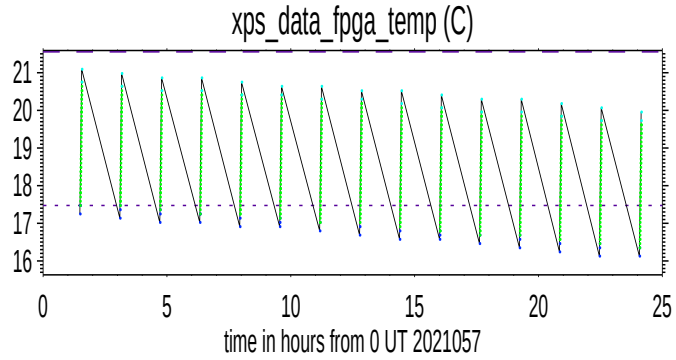
time in hours from 0 UT 2021057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18
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16
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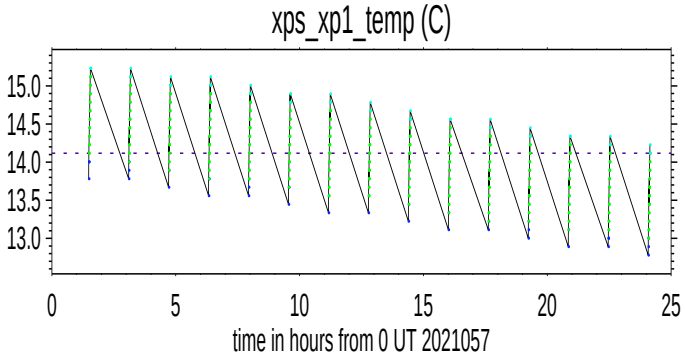
5
10
15
20
25
time in hours from 0 UT 2021057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10
15
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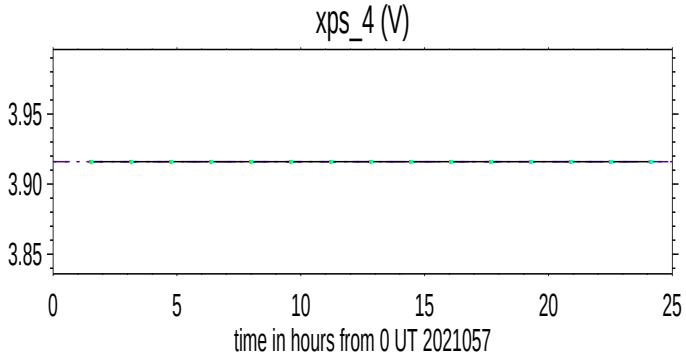
25
time in hours from 0 UT 2021057


xps_4 (V)
3.95
3.90
3.85
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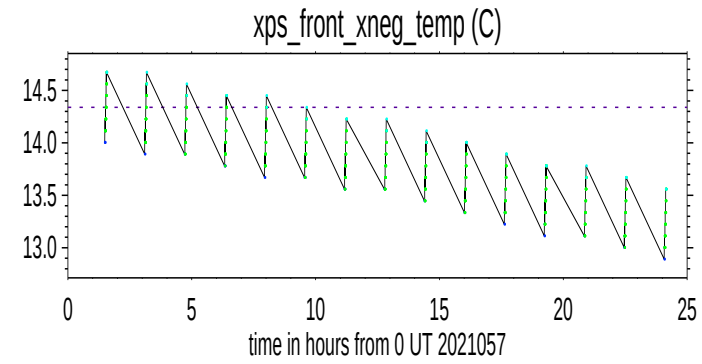
5
10
15
20
25
time in hours from 0 UT 2021057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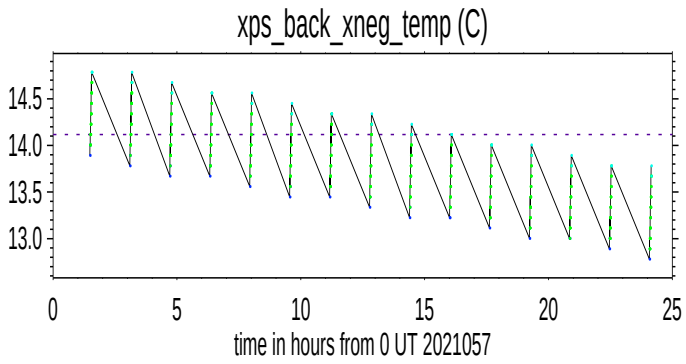
5
10
15
20
25
time in hours from 0 UT 2021057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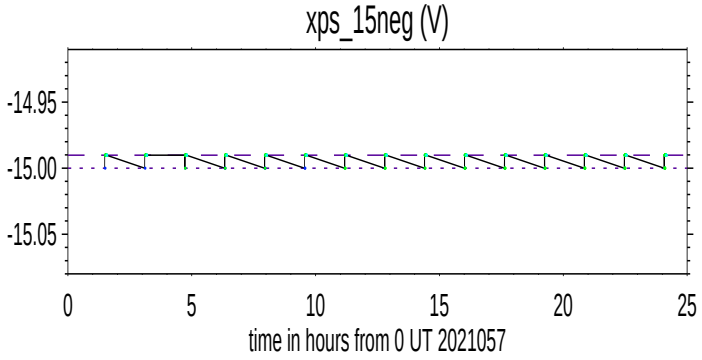
10
15
20
25
time in hours from 0 UT 2021057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-15.05
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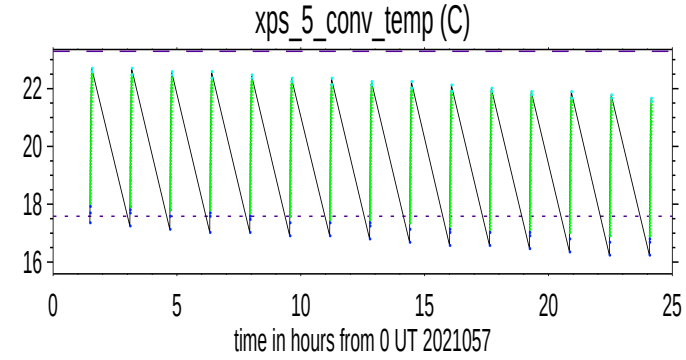
15
20
25
time in hours from 0 UT 2021057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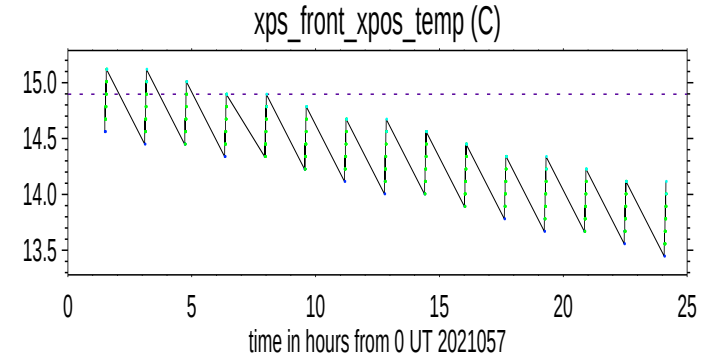
10
15
20
25
time in hours from 0 UT 2021057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13.5
0
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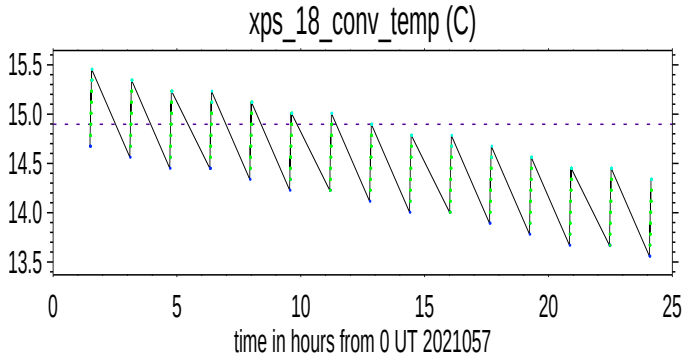
10
15
20
25
time in hours from 0 UT 2021057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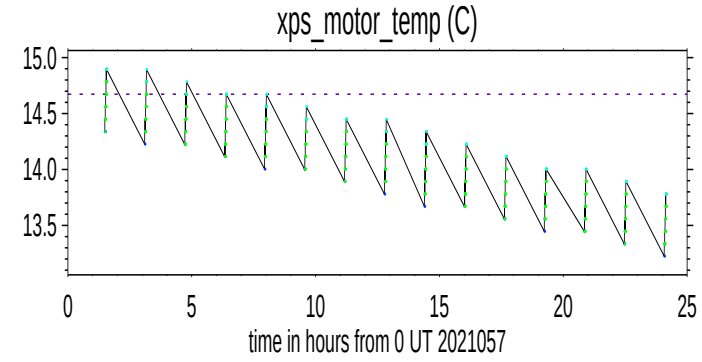
25
time in hours from 0 UT 2021057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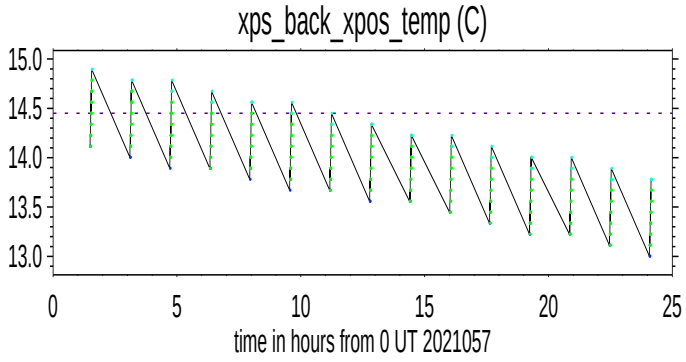
time in hours from 0 UT 2021057


xps_back_xpos_temp (C)
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13.0
0
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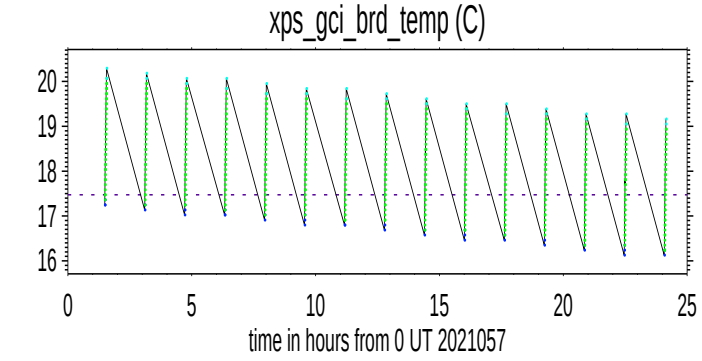
10
15
20
25
time in hours from 0 UT 2021057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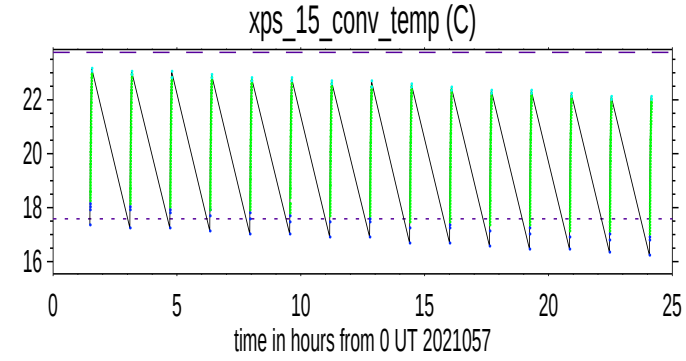
19
18
17
16
0
5
10
15
20
25
time in hours from 0 UT 2021057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15
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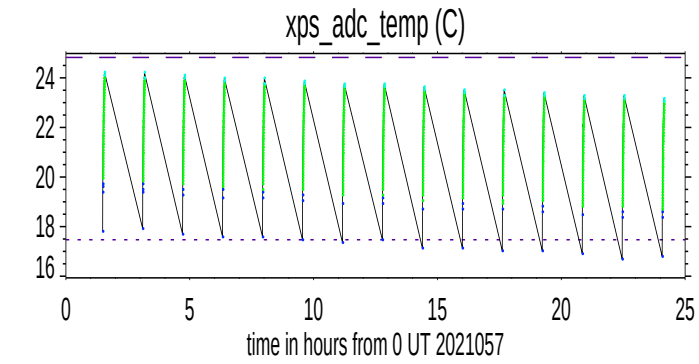
time in hours from 0 UT 2021057


xps_adc_temp (C)
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20
18
16
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10
15
20
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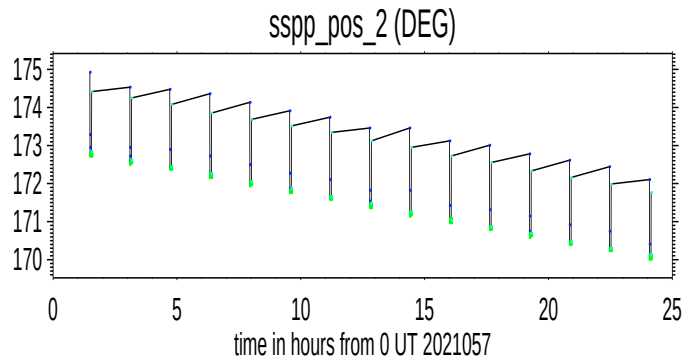
time in hours from 0 UT 2021057


sspp_pos_2 (DEG)
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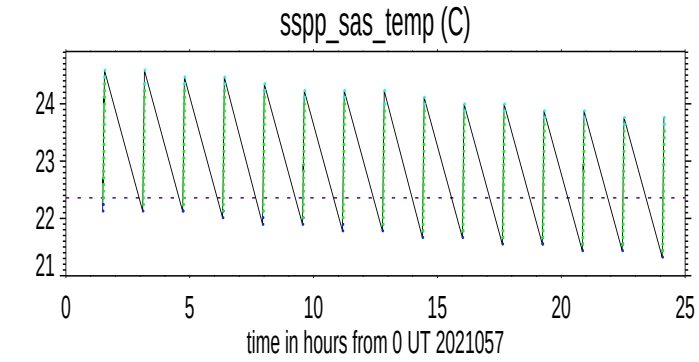
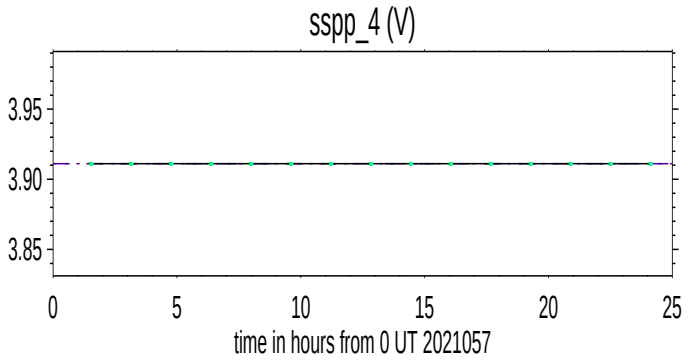
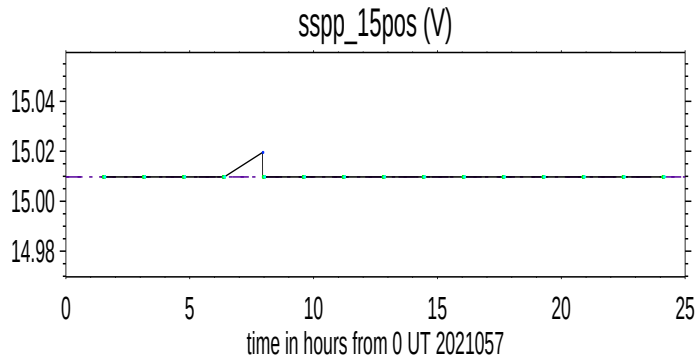
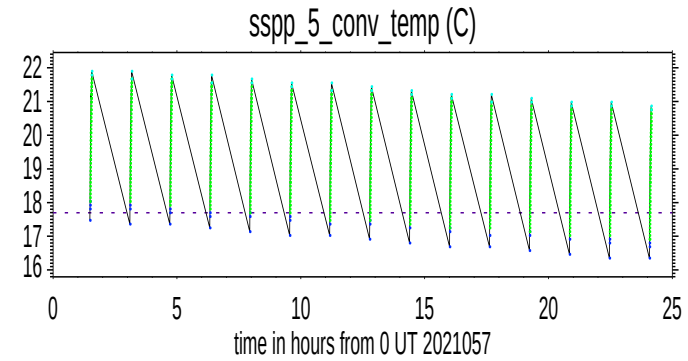
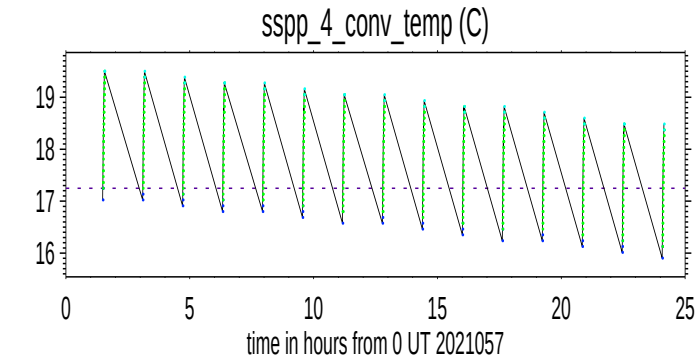
174
173
172
171
170
0
5
10
15
20
25
time in hours from 0 UT 2021057

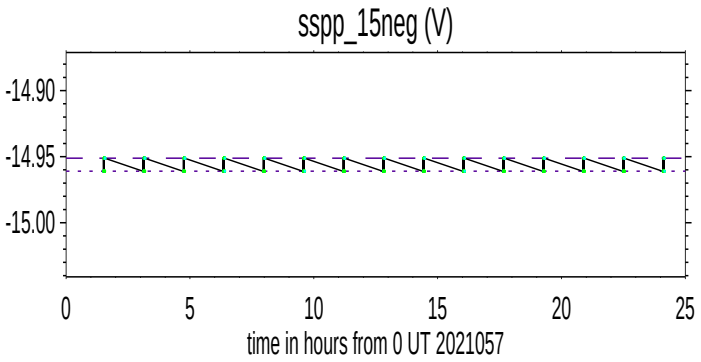

sspp_sas_temp (C)
24
23
22
21
0
5
10
15
20
25
time in hours from 0 UT 2021057

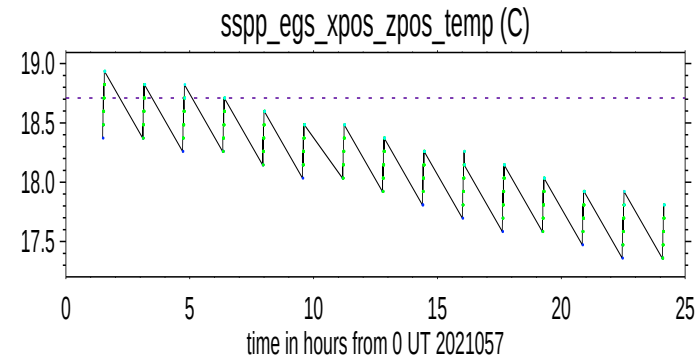

sspp_4 (V)
3.95
3.90
3.85
0
5
10
15
20
25
time in hours from 0 UT 2021057

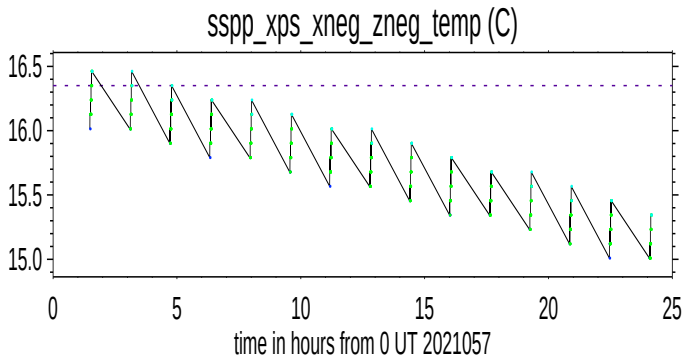

sspp_15pos (V)
15.04
15.02
15.00
14.98
0
5
10
15
20
25
time in hours from 0 UT 2021057

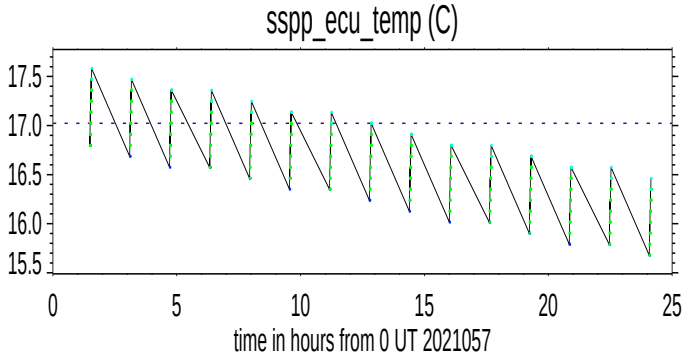

sspp_5_conv_temp (C)
22
21
20
19
18
17
16
0
5
10
15
20
25
time in hours from 0 UT 2021057

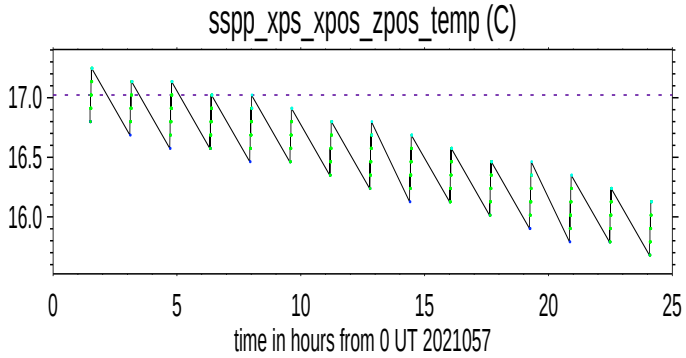

sspp_4_conv_temp (C)
19
18
17
16
0
5
10
15
20
25
time in hours from 0 UT 2021057

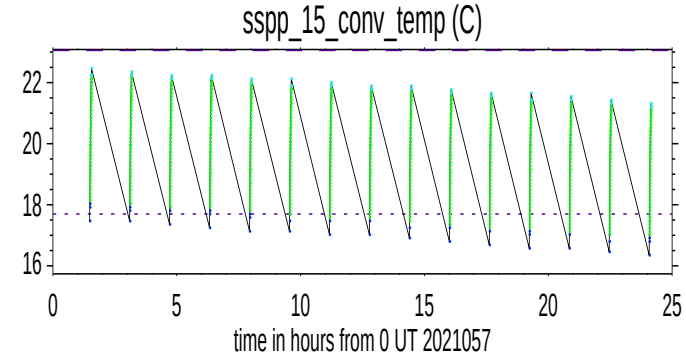

sspp_15neg (V)
-14.90
-14.95
-15.00
0
5
10
15
20
25
time in hours from 0 UT 2021057

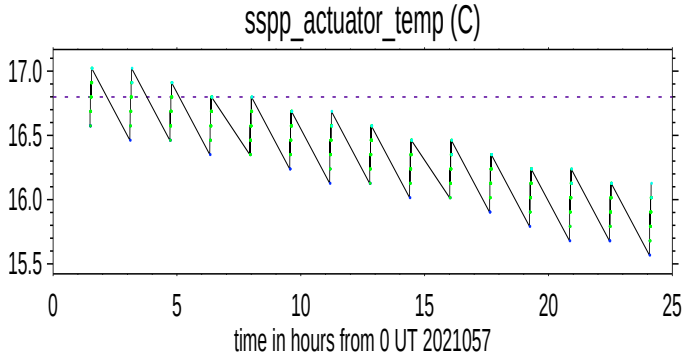

sspp_egs_xpos_zpos_temp (C)
19.0
18.5
18.0
17.5
0
5
10
15
20
25
time in hours from 0 UT 2021057

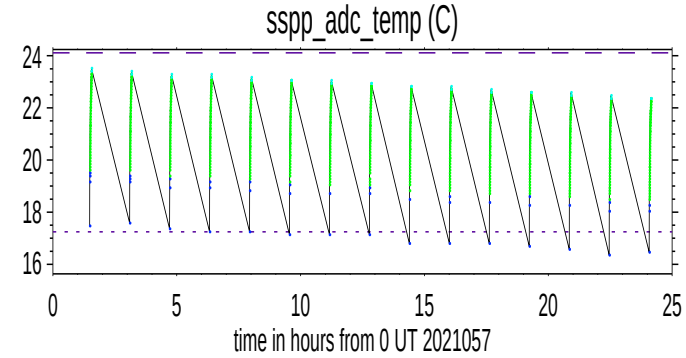

sspp_xps_xneg_zneg_temp (C)
16.5
16.0
15.5
15.0
0
5
10
15
20
25
time in hours from 0 UT 2021057

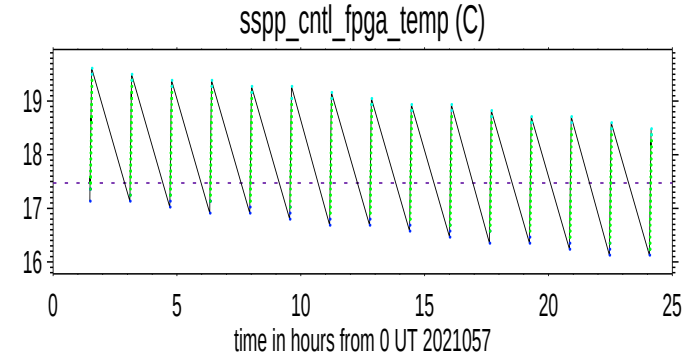

sspp_ecu_temp (C)
17.5
17.0
16.5
16.0
15.5
0
5
10
15
20
25
time in hours from 0 UT 2021057

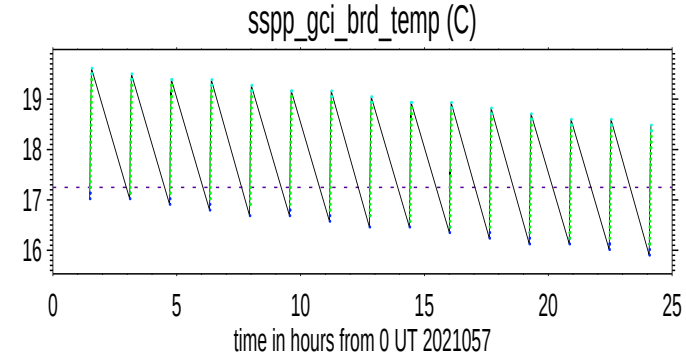

sspp_xps_xpos_zpos_temp (C)
17.0
16.5
16.0
0
5
10
15
20
25
time in hours from 0 UT 2021057

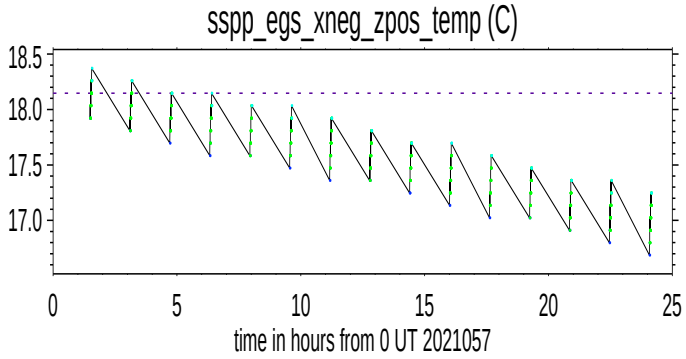

sspp_15_conv_temp (C)
22
20
18
16
0
5
10
15
20
25
time in hours from 0 UT 2021057

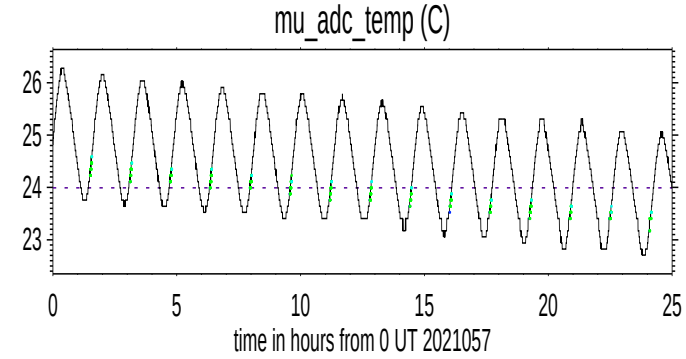

sspp_actuator_temp (C)
17.0
16.5
16.0
15.5
0
5
10
15
20
25
time in hours from 0 UT 2021057

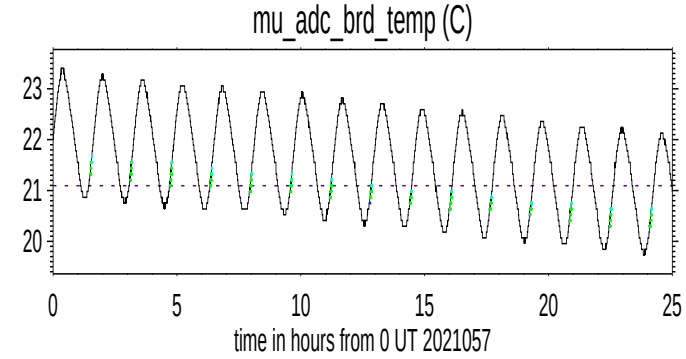

sspp_adc_temp (C)
24
22
20
18
16
0
5
10
15
20
25
time in hours from 0 UT 2021057

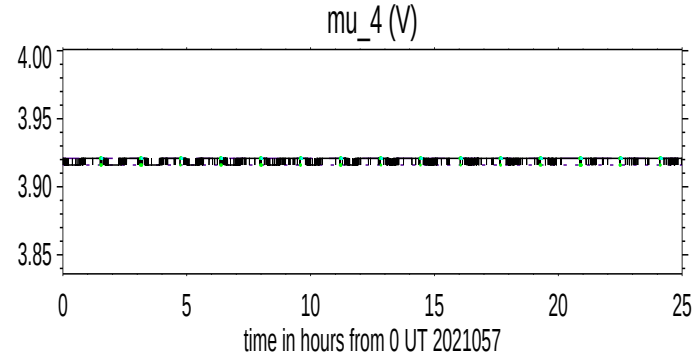

sspp_cntl_fpga_temp (C)
19
18
17
16
0
5
10
15
20
25
time in hours from 0 UT 2021057

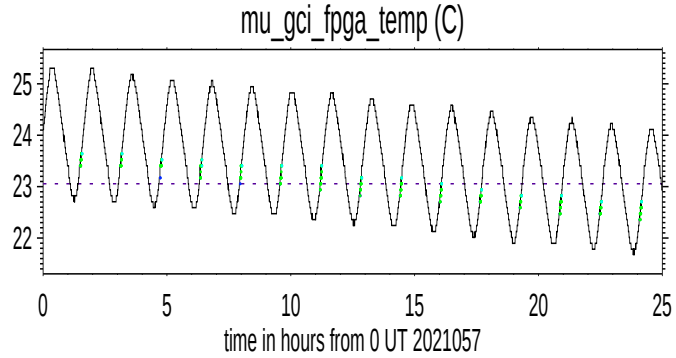

sspp_gci_brd_temp (C)
19
18
17
16
0
5
10
15
20
25
time in hours from 0 UT 2021057

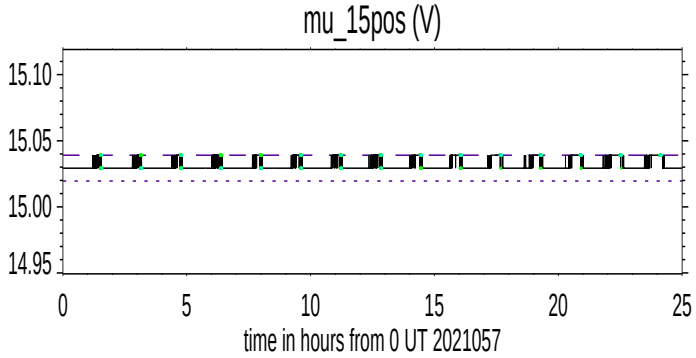

sspp_egs_xneg_zpos_temp (C)
18.5
18.0
17.5
17.0
0
5
10
15
20
25
time in hours from 0 UT 2021057

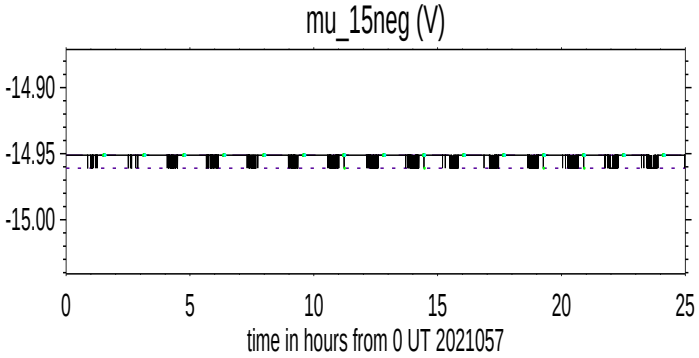

mu_adc_temp (C)
26
25
24
23
0
5
10
15
20
25
time in hours from 0 UT 2021057

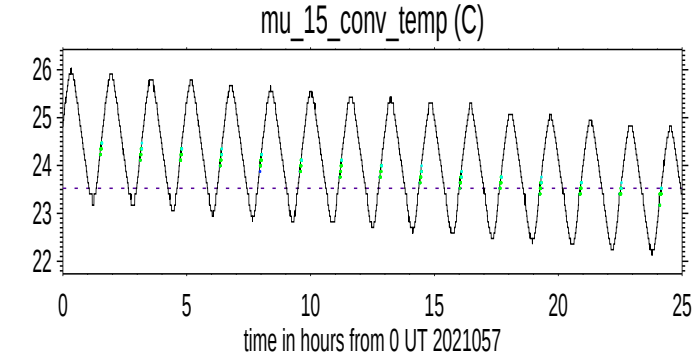

mu_adc_brd_temp (C)
23
22
21
20
0
5
10
15
20
25
time in hours from 0 UT 2021057

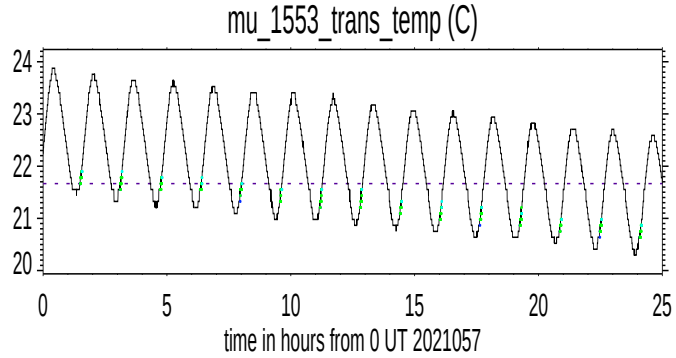

mu_4 (V)
4.00
3.95
3.90
3.85
0
5
10
15
20
25
time in hours from 0 UT 2021057

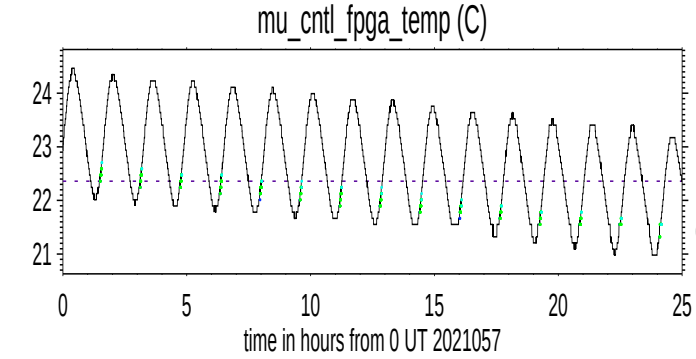

mu_gci_fpga_temp (C)
25
24
23
22
0
5
10
15
20
25
time in hours from 0 UT 2021057

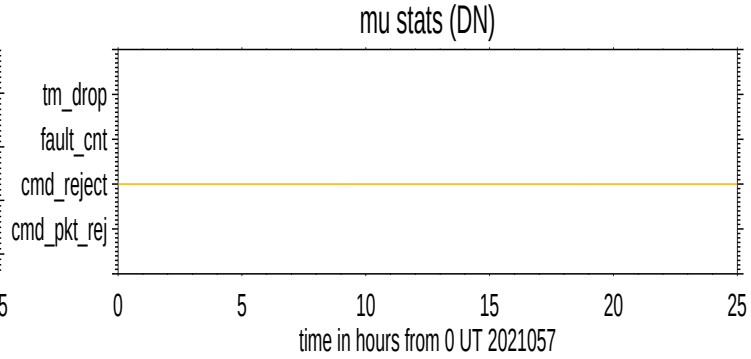

mu_15pos (V)
15.10
15.05
15.00
14.95
0
5
10
15
20
25
time in hours from 0 UT 2021057

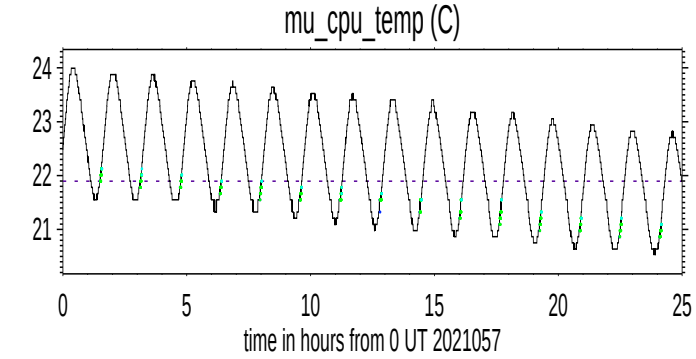

mu_15neg (V)
-14.90
-14.95
-15.00
0
5
10
15
20
25
time in hours from 0 UT 2021057

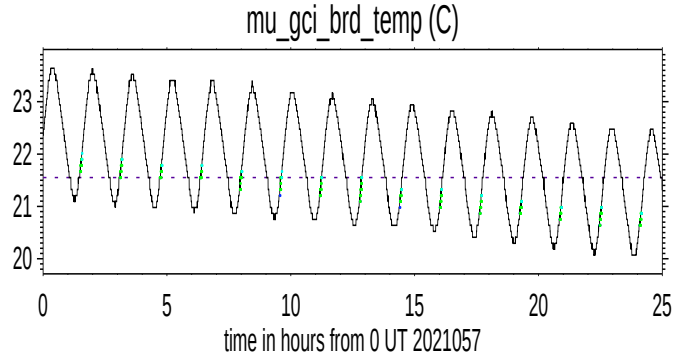

mu_15_conv_temp (C)
26
25
24
23
22
0
5
10
15
20
25
time in hours from 0 UT 2021057

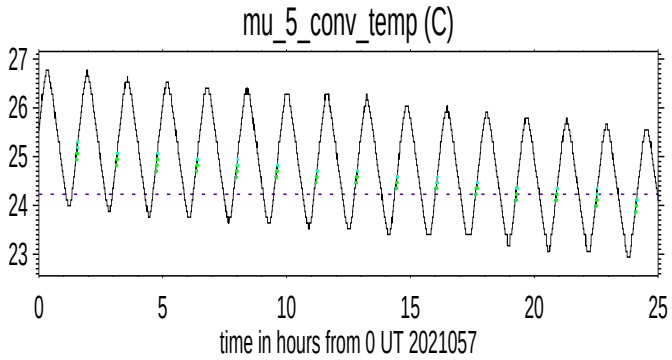

mu_1553_trans_temp (C)
24
23
22
21
20
0
5
10
15
20
25
time in hours from 0 UT 2021057

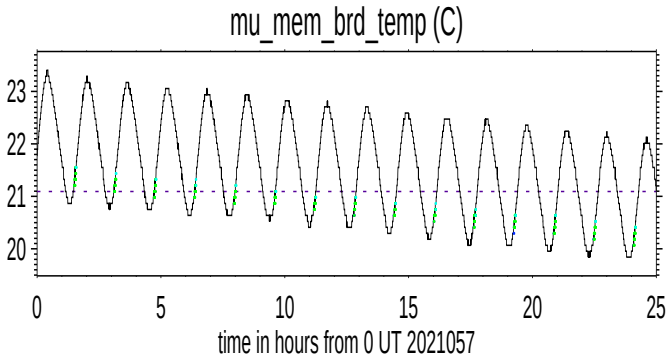

mu_cntl_fpga_temp (C)
24
23
22
21
0
5
10
15
20
25
time in hours from 0 UT 2021057

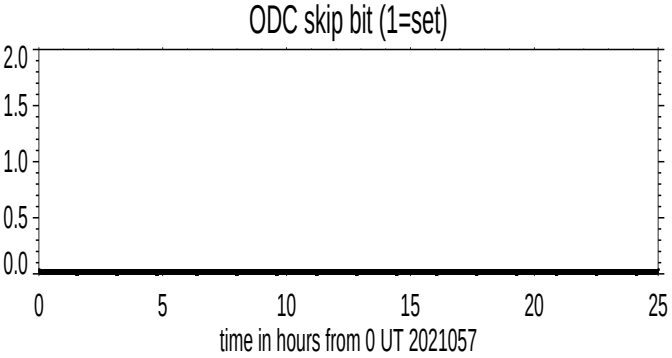

mu stats (DN)
tm_drop
fault_cnt
cmd_reject
cmd_pkt_rej
0
5
10
15
20
25
time in hours from 0 UT 2021057

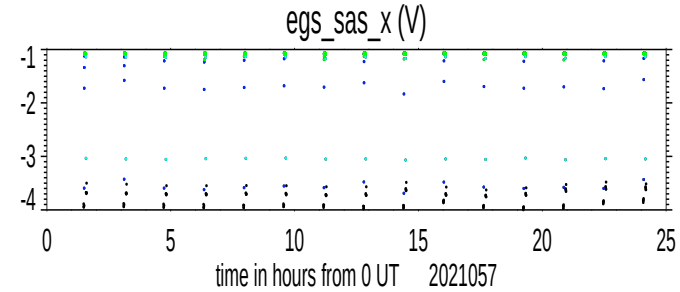

mu_cpu_temp (C)
24
23
22
21
0
5
10
15
20
25
time in hours from 0 UT 2021057

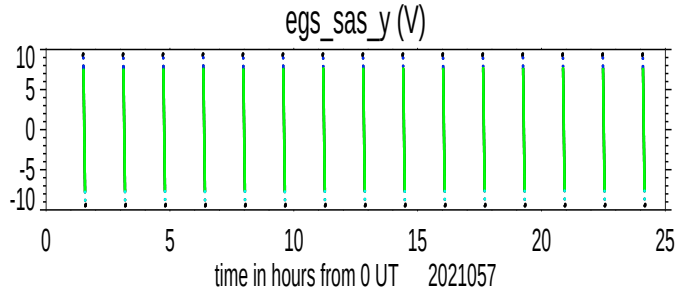

mu_gci_brd_temp (C)
23
22
21
20
0
5
10
15
20
25
time in hours from 0 UT 2021057

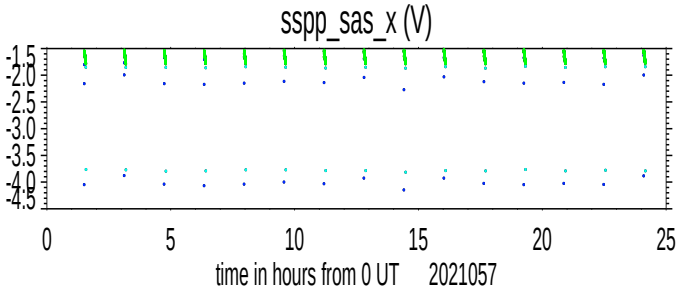

mu_5_conv_temp (C)
27
26
25
24
23
0
5
10
15
20
25
time in hours from 0 UT 2021057

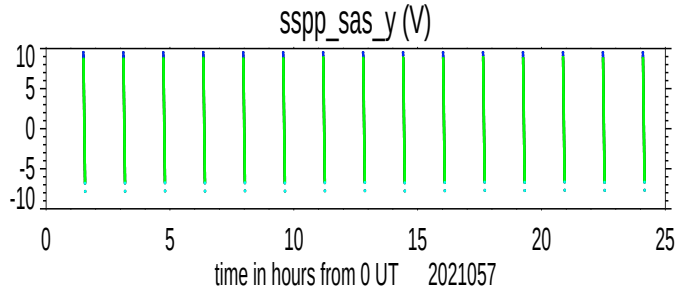

mu_mem_brd_temp (C)
23
22
21
20
0
5
10
15
20
25
time in hours from 0 UT 2021057

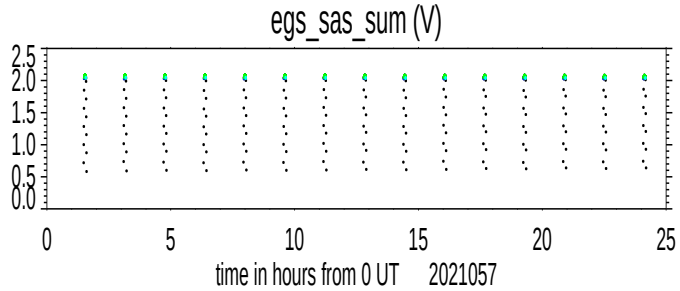

ODC skip bit (1=set)
2.0
1.5
1.0
0.5
0.0
0
5
10
15
20
25
time in hours from 0 UT 2021057

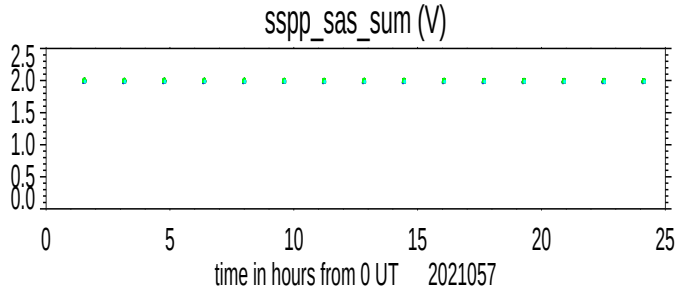

egs_sas_x (V)
-1
-2
-3
-4
0
5
10
15
20
25
time in hours from 0 UT 2021057

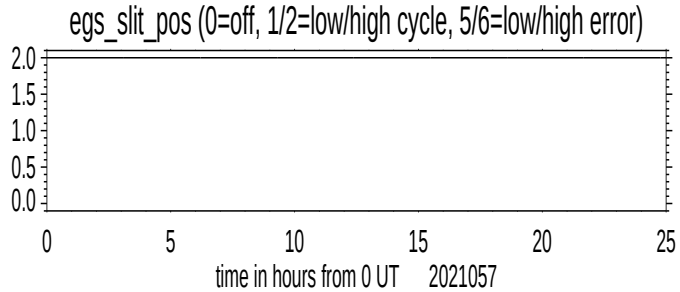

egs_sas_y (V)
10
5
0
-5
-10
0
5
10
15
20
25
time in hours from 0 UT 2021057

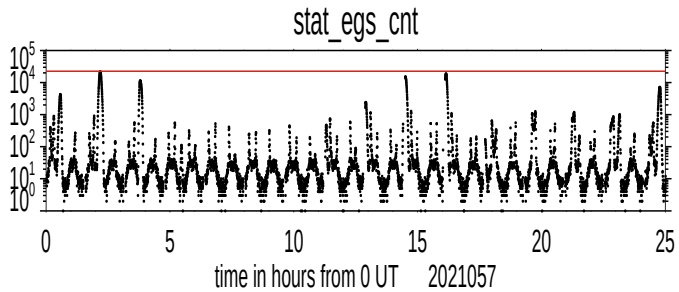

sspp_sas_x (V)
-1.5
-2.0
-2.5
-3.0
-3.5
-4.0
-4.5
0
5
10
15
20
25
time in hours from 0 UT 2021057

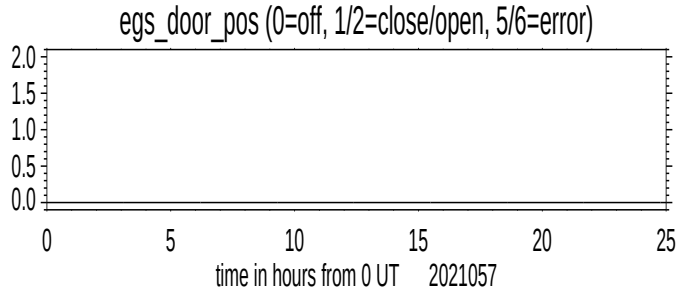

sspp_sas_y (V)
10
5
0
-5
-10
0
5
10
15
20
25
time in hours from 0 UT 2021057

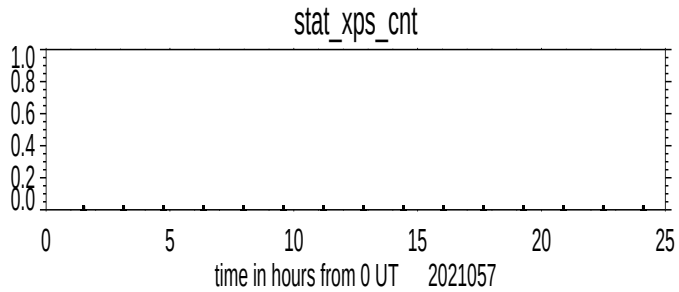

egs_sas_sum (V)
2.5
2.0
1.5
1.0
0.5
0.0
0
5
10
15
20
25
time in hours from 0 UT 2021057

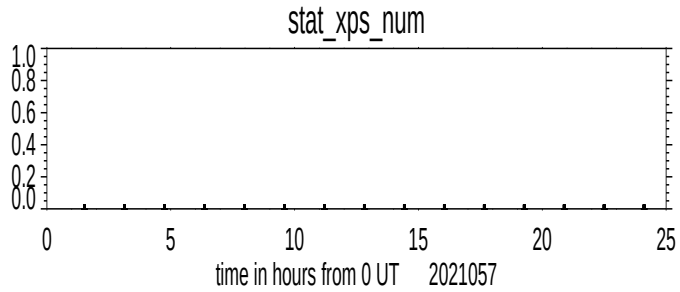

sspp_sas_sum (V)
2.5
2.0
1.5
1.0
0.5
0.0
0
5
10
15
20
25
time in hours from 0 UT 2021057

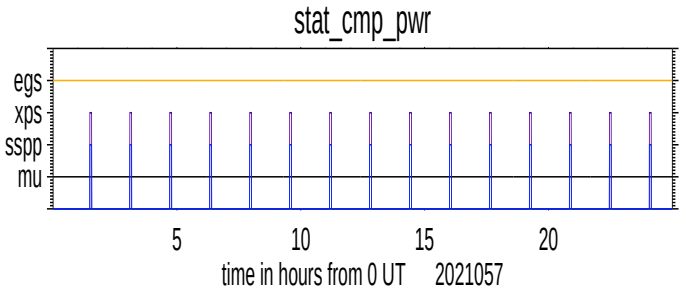

egs_slit_pos (0=off, 1/2=low/high cycle, 5/6=low/high error)
2.0
1.5
1.0
0.5
0.0
0
5
10
15
20
25
time in hours from 0 UT 2021057

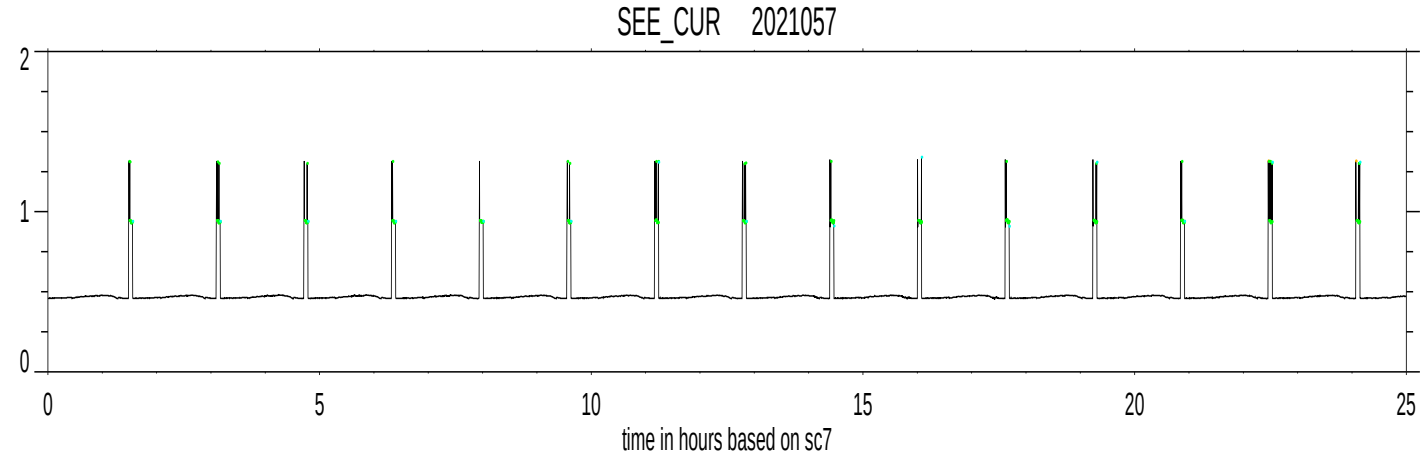

stat_egs_cnt
10^5
10^4
10^3
10^2
10^1
10^0
0
5
10
15
20
25
time in hours from 0 UT 2021057

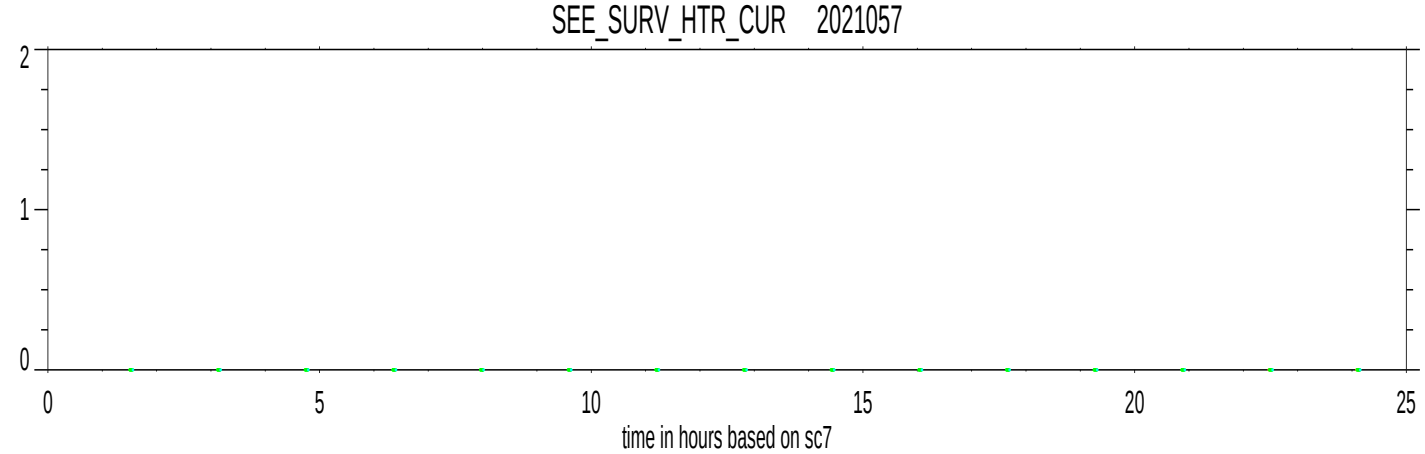

egs_door_pos (0=off, 1/2=close/open, 5/6=error)
2.0
1.5
1.0
0.5
0.0
0
5
10
15
20
25
time in hours from 0 UT 2021057

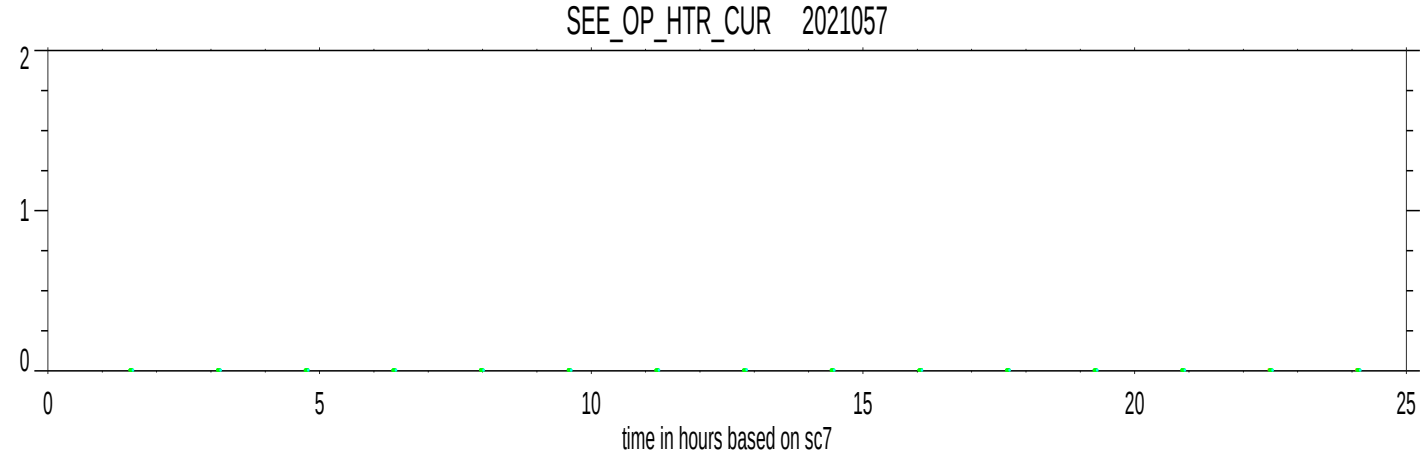

stat_xps_cnt
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
time in hours from 0 UT 2021057

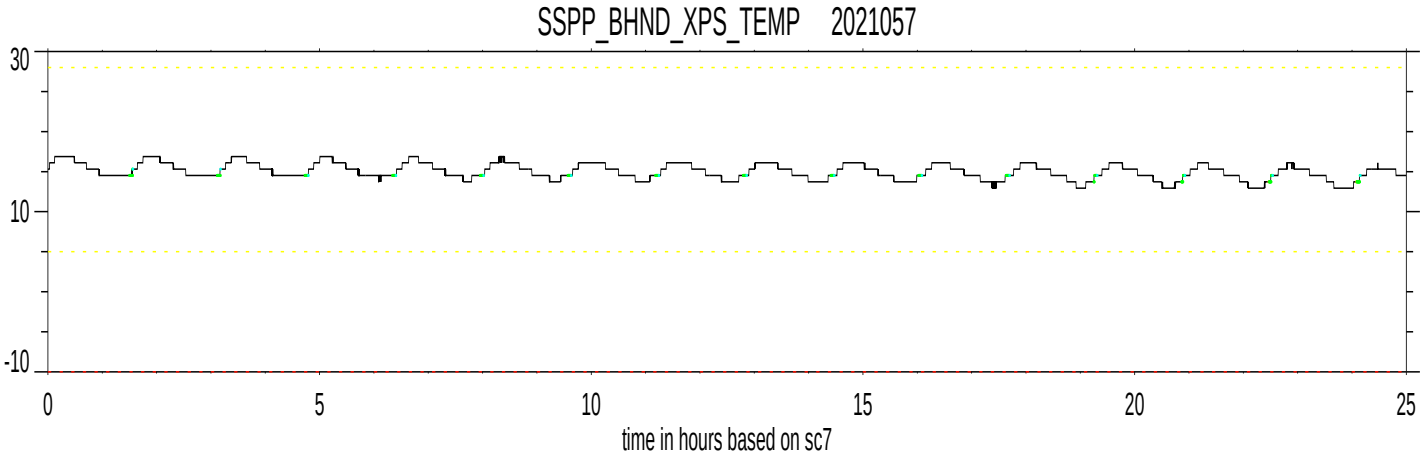

stat_xps_num
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
time in hours from 0 UT 2021057

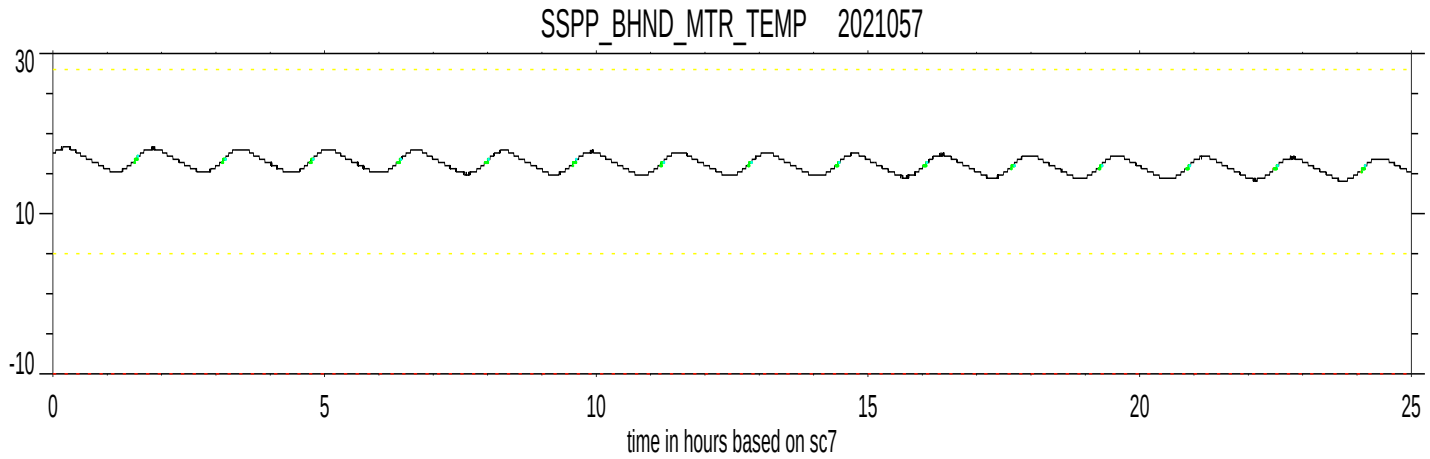

stat_cmp_pwr
egs
xps
sspp
mu
5
10
15
20
time in hours from 0 UT 2021057

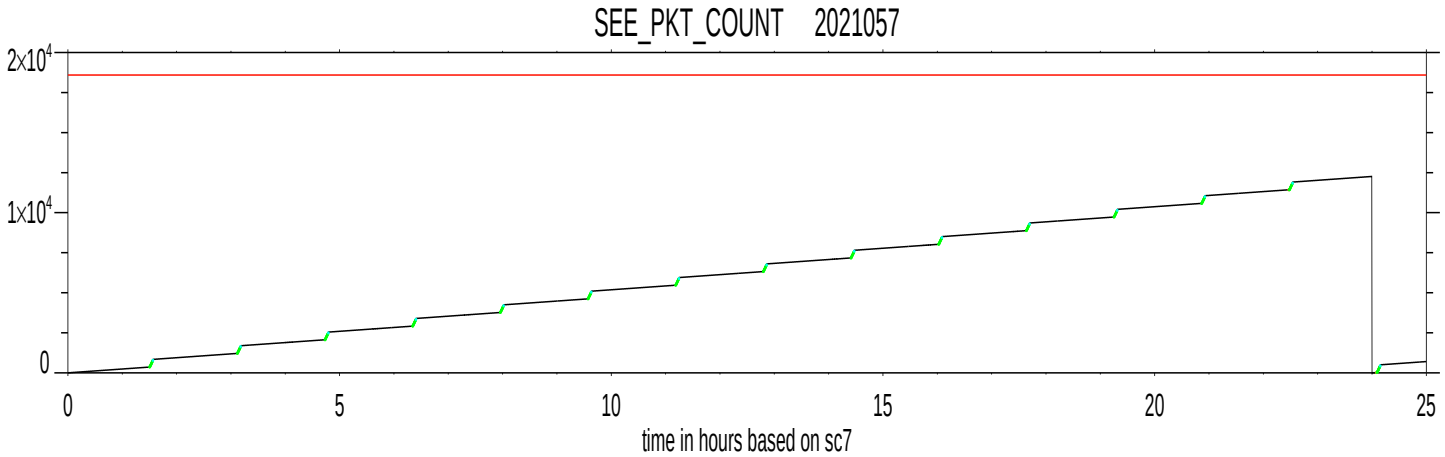

SEE_CUR 2021057
2
1
0
0
5
10
15
20
25
time in hours based on sc7

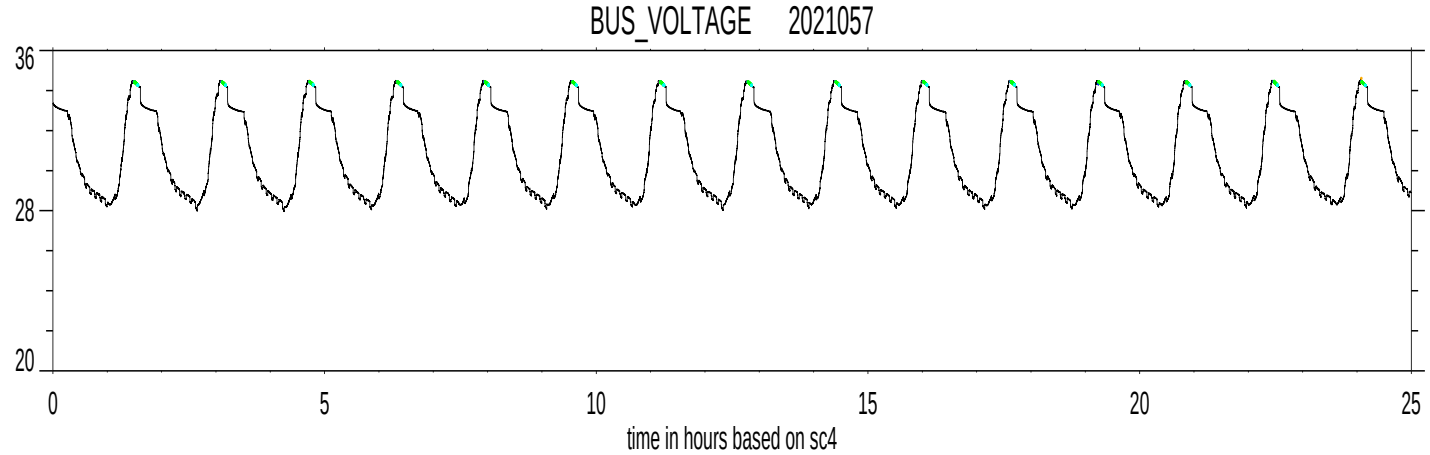

SEE_SURV_HTR_CUR 2021057
2
1
0
0
5
10
15
20
25
time in hours based on sc7

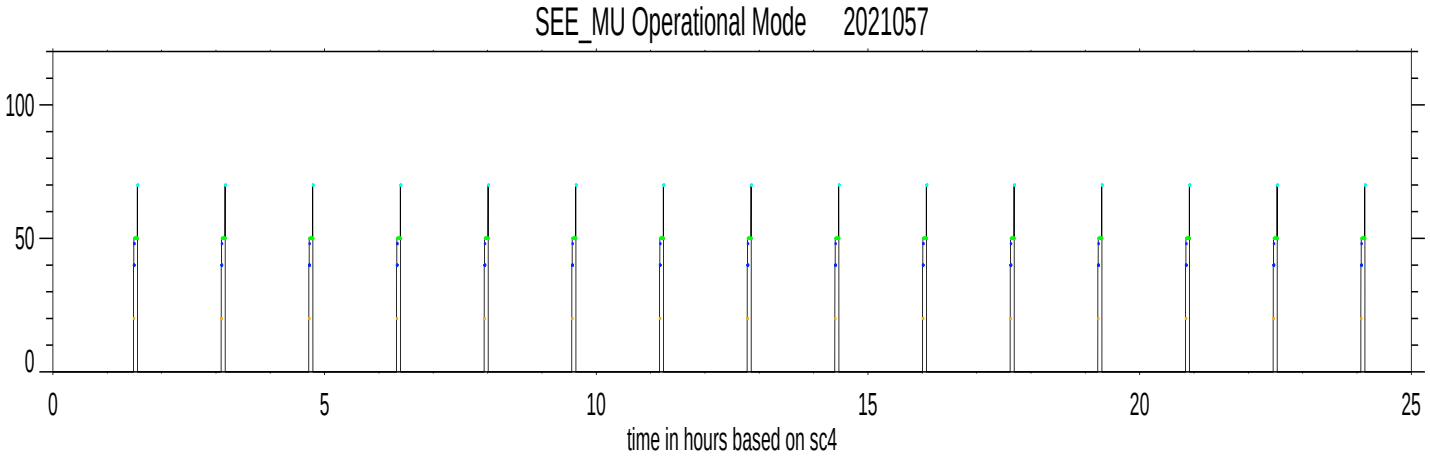

SEE_OP_HTR_CUR 2021057
2
1
0
0
5
10
15
20
25
time in hours based on sc7

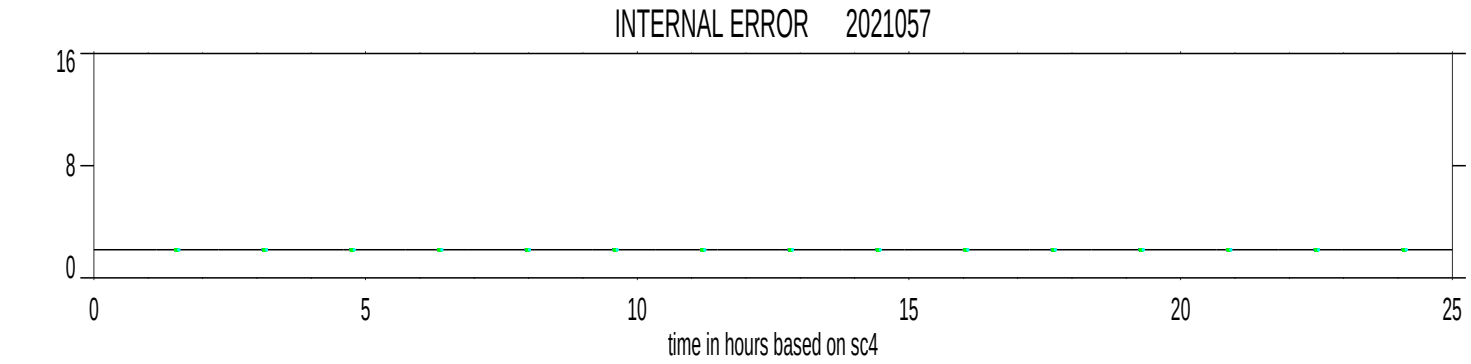

SSPP_BHND_XPS_TEMP 2021057
30
10
-10
0
5
10
15
20
25
time in hours based on sc7

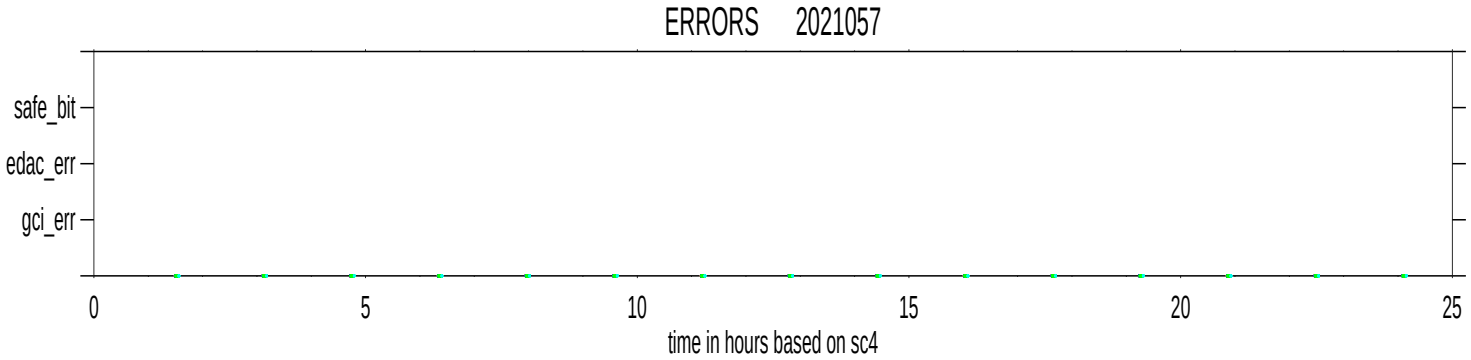

SSPP_BHND_MTR_TEMP 2021057
30
10
-10
0
5
10
15
20
25
time in hours based on sc7

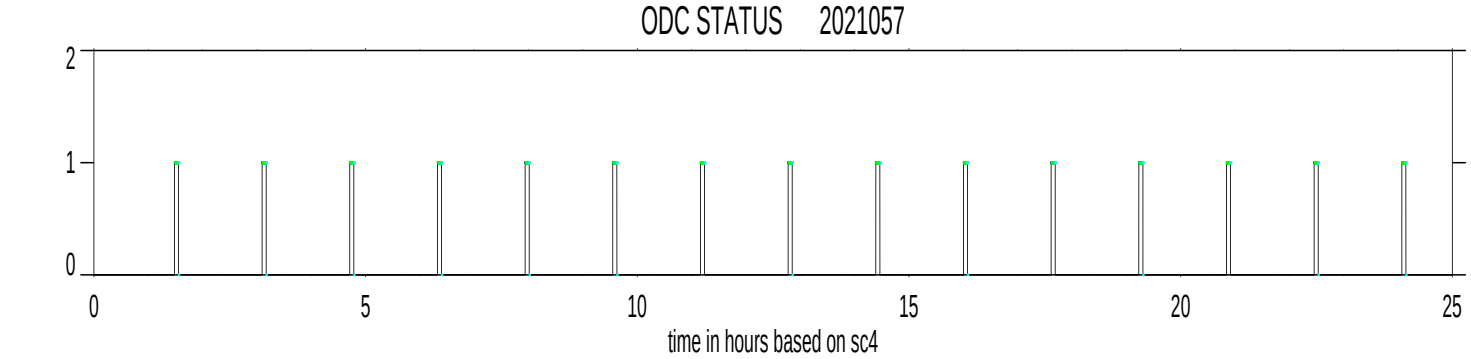

SEE_PKT_COUNT 2021057
2x10^4
1x10^4
0
0
5
10
15
20
25
time in hours based on sc7

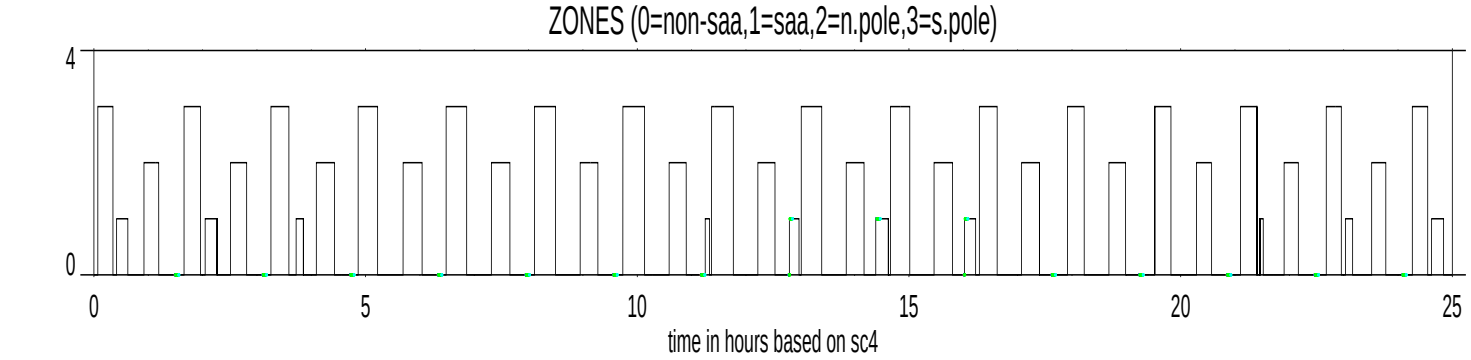

BUS_VOLTAGE 2021057
36
28
20
0
5
10
15
20
25
time in hours based on sc4

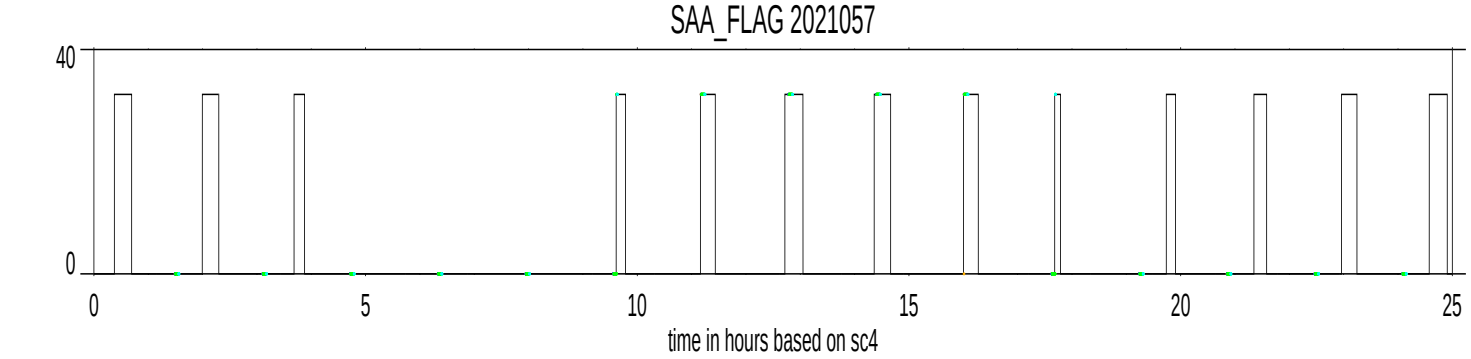

SEE_MU Operational Mode 2021057
100
50
0
0
5
10
15
20
25
time in hours based on sc4

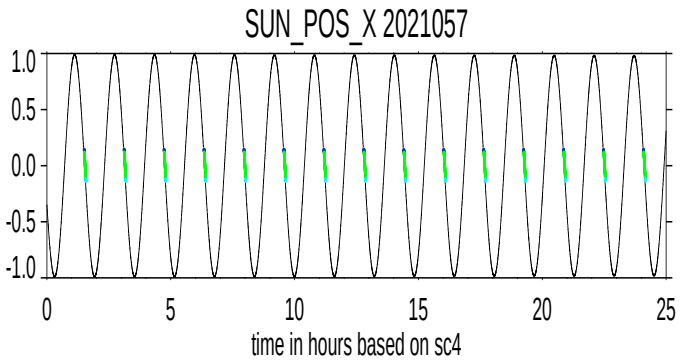

INTERNAL ERROR 2021057
16
8
0
0
5
10
15
20
25
time in hours based on sc4

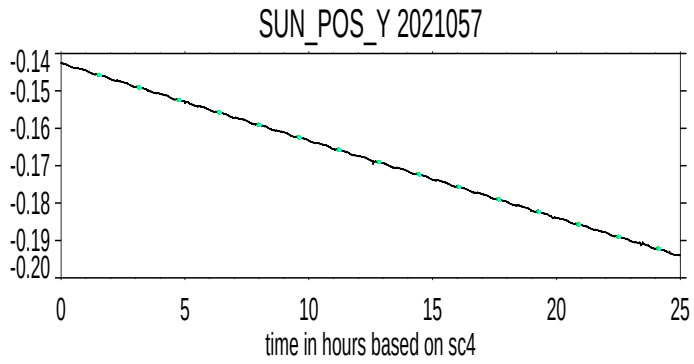

ERRORS 2021057
safe_bit
edac_err
gci_err
0
5
10
15
20
25
time in hours based on sc4

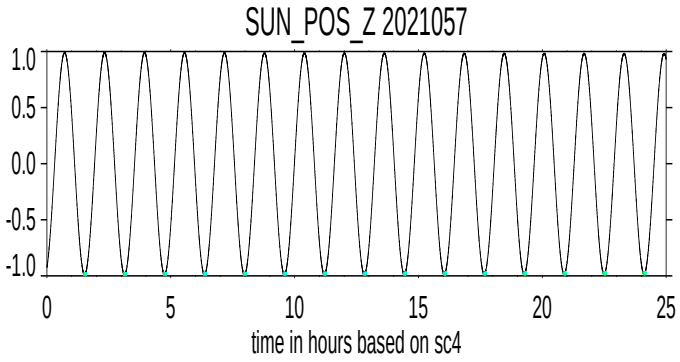

ODC STATUS 2021057
2
1
0
0
5
10
15
20
25
time in hours based on sc4

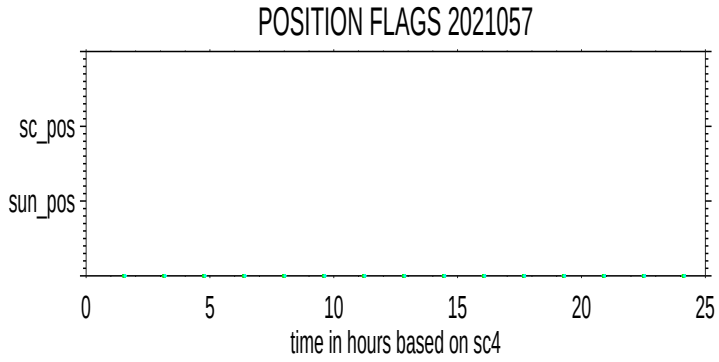

ZONES (0=non-saa,1=saa,2=n.pole,3=s.pole)
4
0
0
5
10
15
20
25
time in hours based on sc4

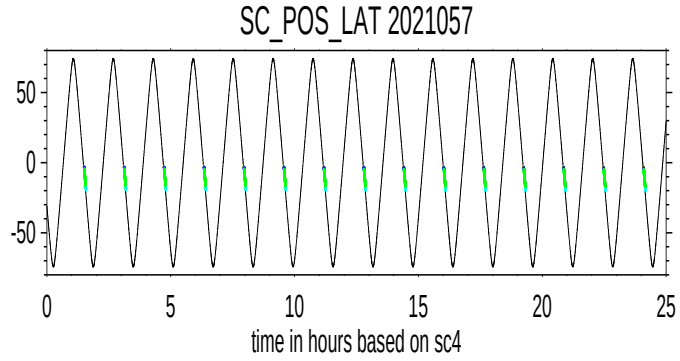

SAA_FLAG 2021057
40
0
0
5
10
15
20
25
time in hours based on sc4

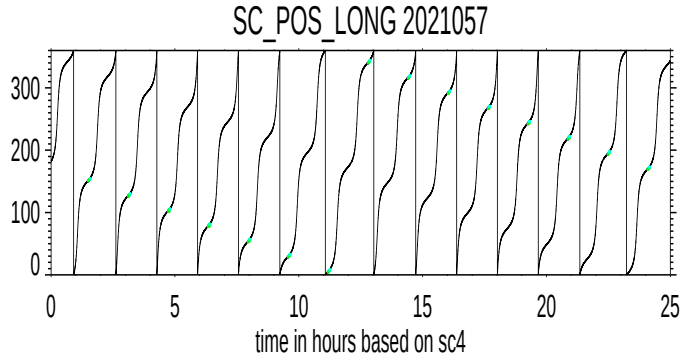

SUN_POS_X 2021057
1.0
0.5
0.0
-0.5
-1.0
0
5
10
15
20
25
time in hours based on sc4

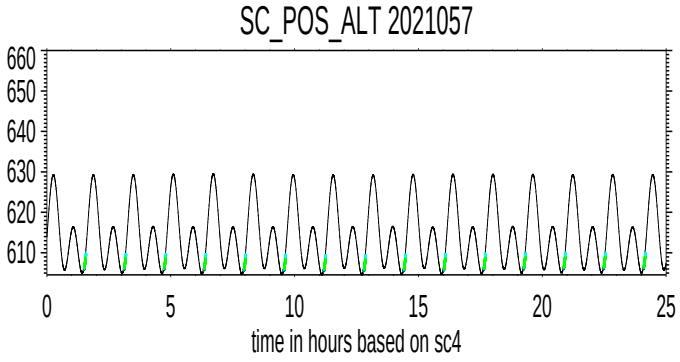

SUN_POS_Y 2021057
-0.14
-0.15
-0.16
-0.17
-0.18
-0.19
-0.20
0
5
10
15
20
25
time in hours based on sc4

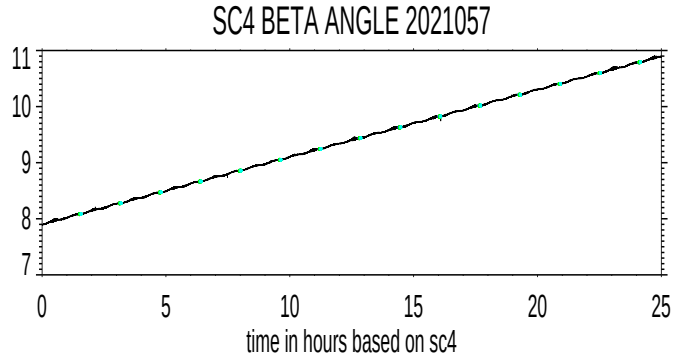

SUN_POS_Z 2021057
1.0
0.5
0.0
-0.5
-1.0
0
5
10
15
20
25
time in hours based on sc4


POSITION FLAGS 2021057
sc_pos
sun_pos
0
5
10
15
20
25
time in hours based on sc4


SC_POS_LAT 2021057
50
0
-50
0
5
10
15
20
25
time in hours based on sc4


SC_POS_LONG 2021057
300
200
100
0
0
5
10
15
20
25
time in hours based on sc4


SC_POS_ALT 2021057
660
650
640
630
620
610
0
5
10
15
20
25
time in hours based on sc4


SC4 BETA ANGLE 2021057
11
10
9
8
7
0
5
10
15
20
25
time in hours based on sc4