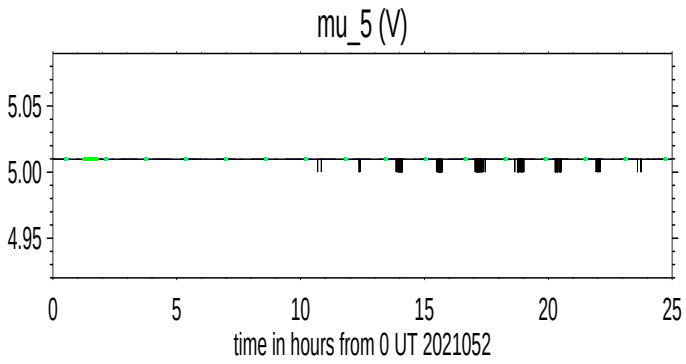
Information for 2021052

**/export/timed/data/science_dp/tlm_limit/outoflimit_2021052_012.txt**
**Tue Mar 23 06:15:39 2021 1**

RH OutOfLimit 1297900827 1297990806 hk.mu_cmd_pkt_reject


mu_5 (V)
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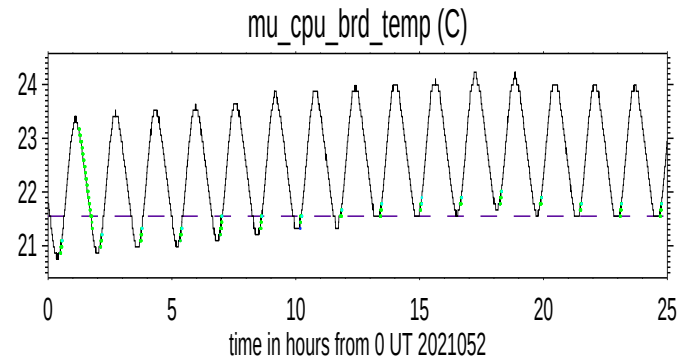
5.00
4.95
0
5
10
15
20
25
time in hours from 0 UT 2021052


mu_cpu_brd_temp (C)
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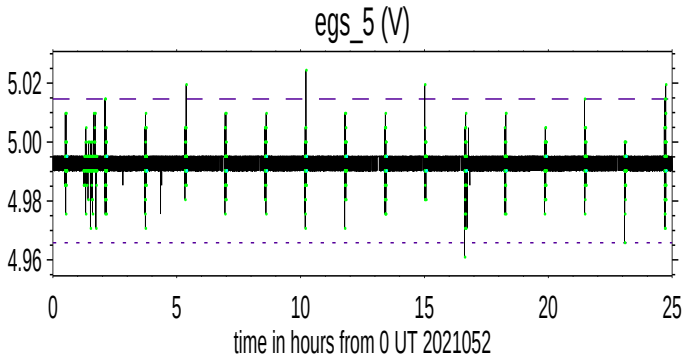
25
time in hours from 0 UT 2021052


egs_5 (V)
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4.98
4.96
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10
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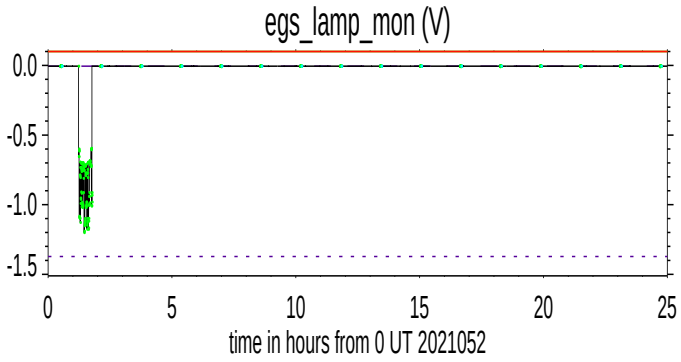
20
25
time in hours from 0 UT 2021052


egs_lamp_mon (V)
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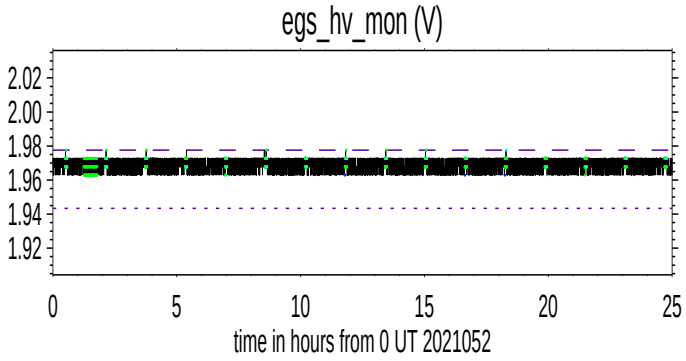
-1.0
-1.5
0
5
10
15
20
25
time in hours from 0 UT 2021052


egs_hv_mon (V)
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1.98
1.96
1.94
1.92
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10
15
20
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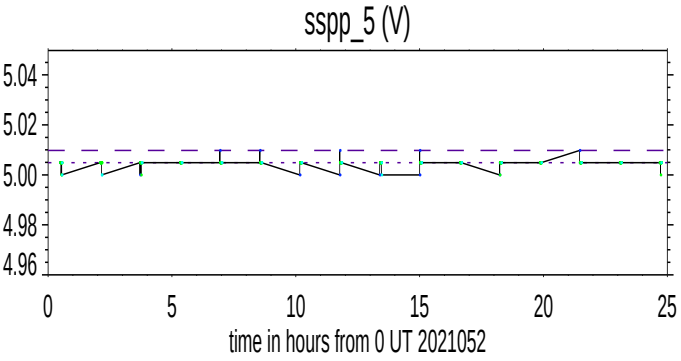
time in hours from 0 UT 2021052


sspp_5 (V)
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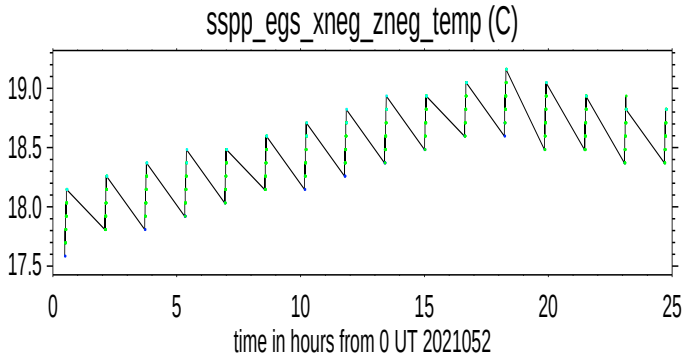
5.02
5.00
4.98
4.96
0
5
10
15
20
25
time in hours from 0 UT 2021052


sspp_egs_xneg_zneg_temp (C)
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18.5
18.0
17.5
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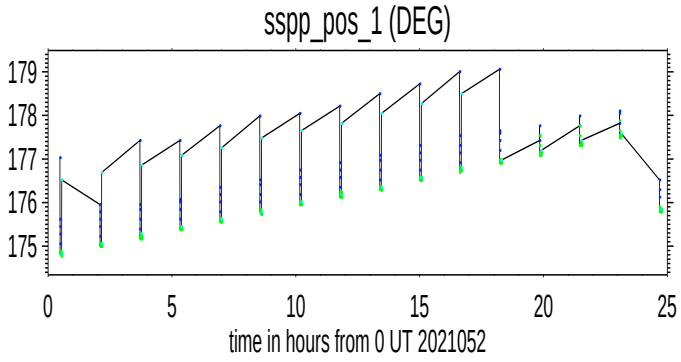
5
10
15
20
25
time in hours from 0 UT 2021052


sspp_pos_1 (DEG)
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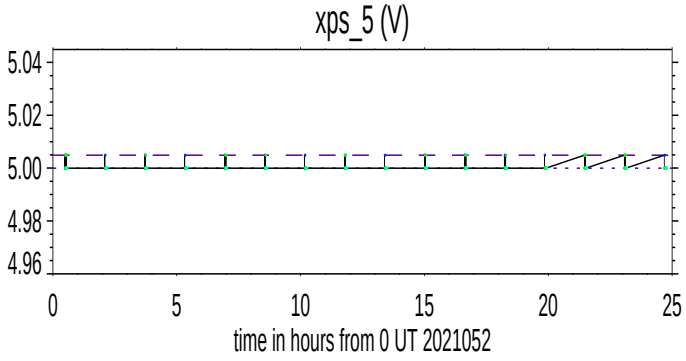
178
177
176
175
0
5
10
15
20
25
time in hours from 0 UT 2021052


xps_5 (V)
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5.00
4.98
4.96
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5
10
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20
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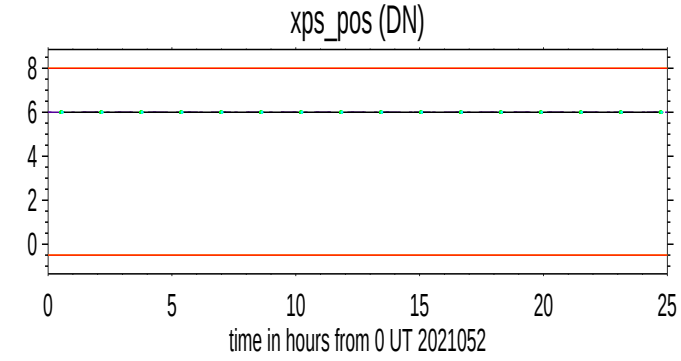
time in hours from 0 UT 2021052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8
6
4
2
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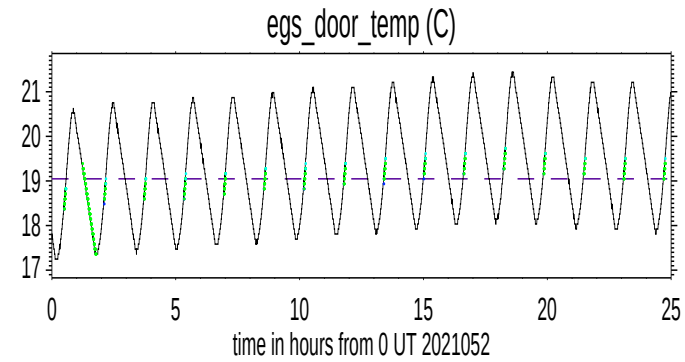
time in hours from 0 UT 2021052


egs_door_temp (C)
21
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19
18
17
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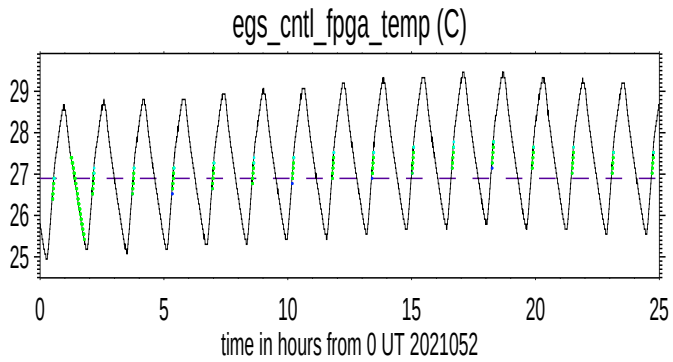
10
15
20
25
time in hours from 0 UT 2021052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28
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25
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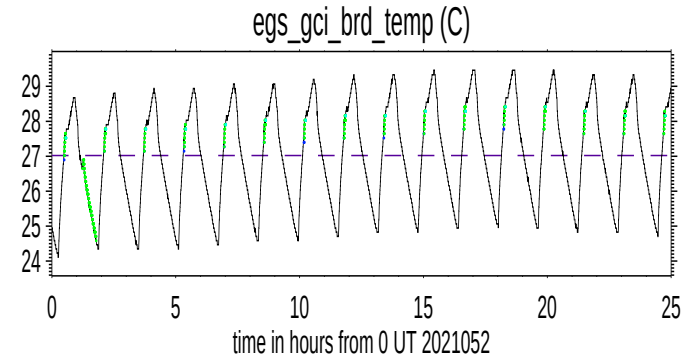
5
10
15
20
25
time in hours from 0 UT 2021052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28
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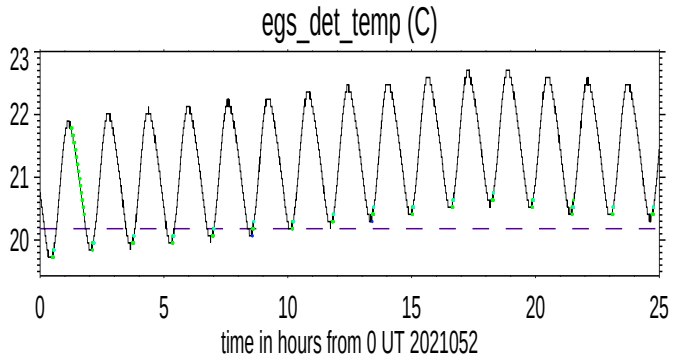
26
25
24
0
5
10
15
20
25
time in hours from 0 UT 2021052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22
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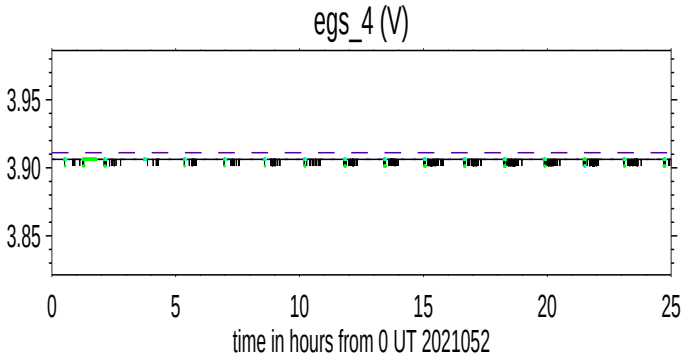
10
15
20
25
time in hours from 0 UT 2021052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3.95
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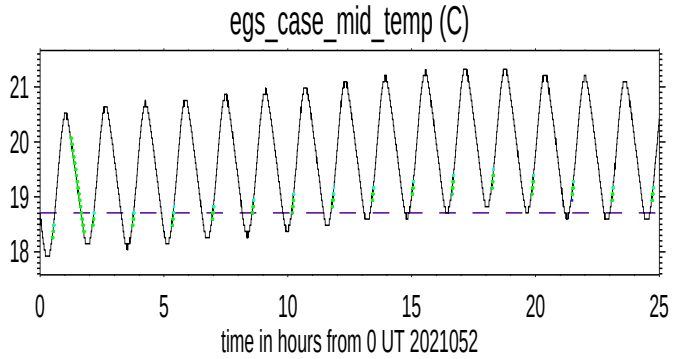
3.85
0
5
10
15
20
25
time in hours from 0 UT 2021052


egs_case_mid_temp (C)
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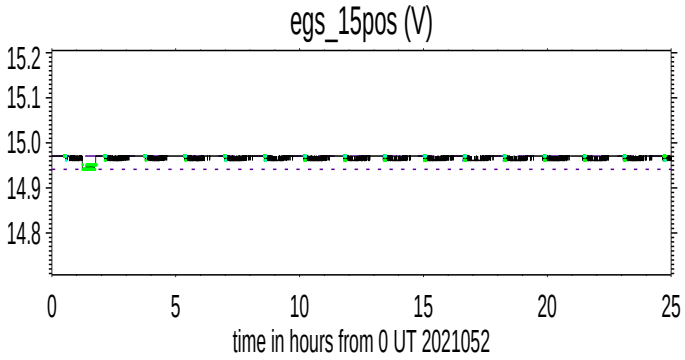
20
19
18
0
5
10
15
20
25
time in hours from 0 UT 2021052


egs_15pos (V)
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15.0
14.9
14.8
0
5
10
15
20
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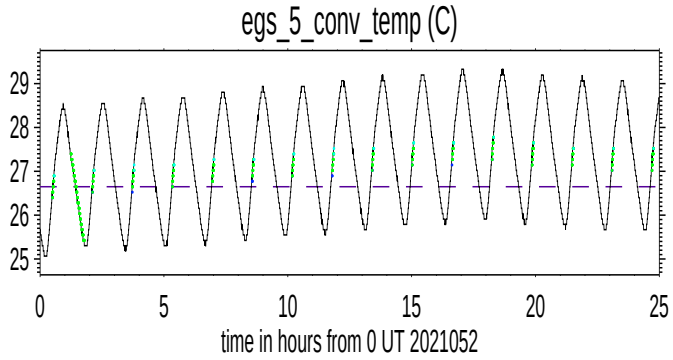
time in hours from 0 UT 2021052


egs_5_conv_temp (C)
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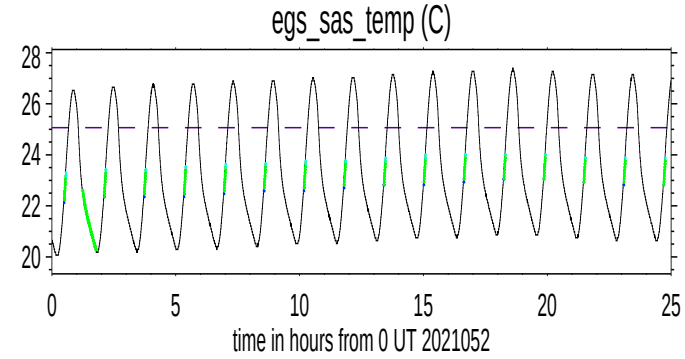
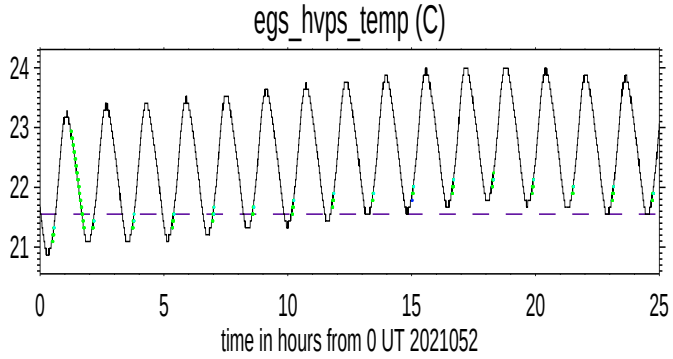
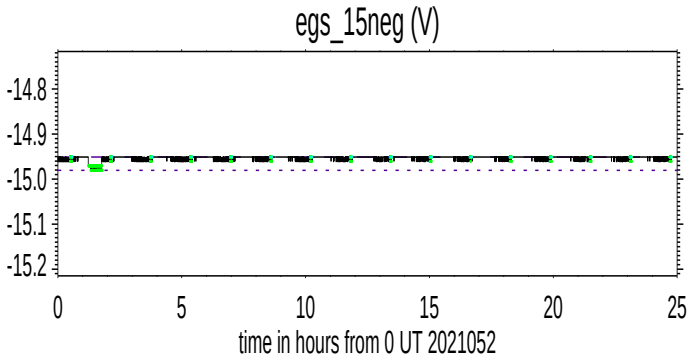
28
27
26
25
0
5
10
15
20
25
time in hours from 0 UT 2021052


egs_sas_temp (C)
28
26
24
22
20
0
5
10
15
20
25
time in hours from 0 UT 2021052


egs_hvps_temp (C)
24
23
22
21
0
5
10
15
20
25
time in hours from 0 UT 2021052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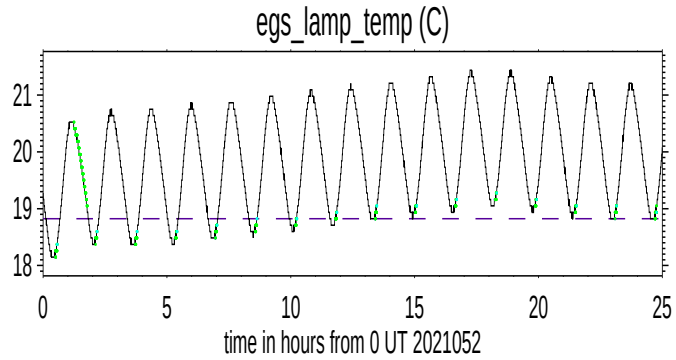
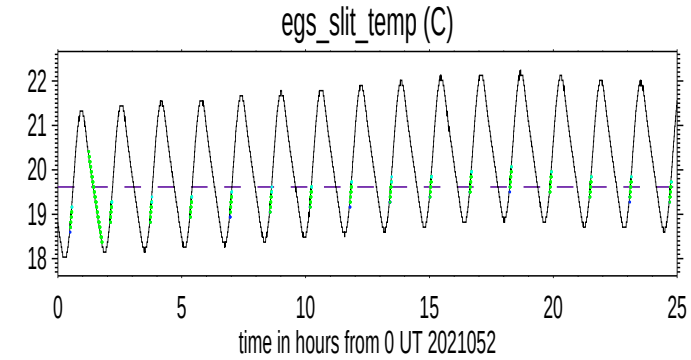
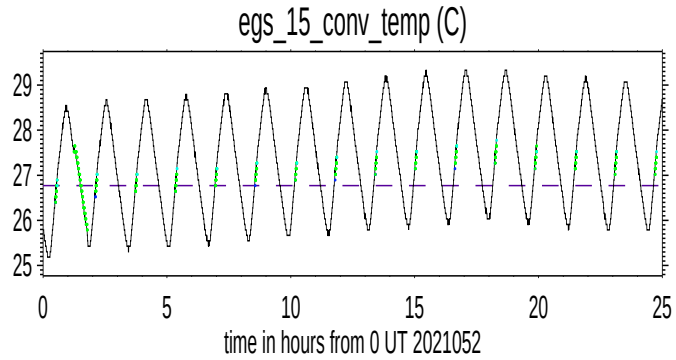
-14.9
-15.0
-15.1
-15.2
0 5 10 15 20 25
time in hours from 0 UT 2021052


egs_lamp_temp (C)
21
20
19
18
0 5 10 15 20 25
time in hours from 0 UT 2021052


egs_slit_temp (C)
22
21
20
19
18
0 5 10 15 20 25
time in hours from 0 UT 2021052


egs_15_conv_temp (C)
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28
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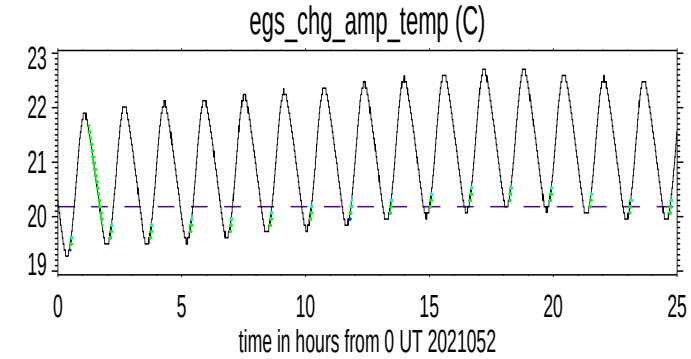
26
25
0 5 10 15 20 25
time in hours from 0 UT 2021052


egs_chg_amp_temp (C)
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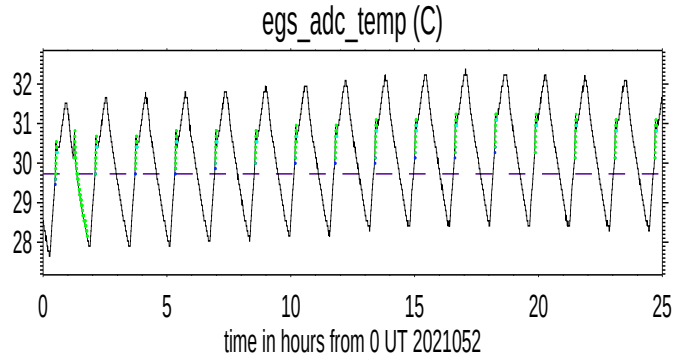
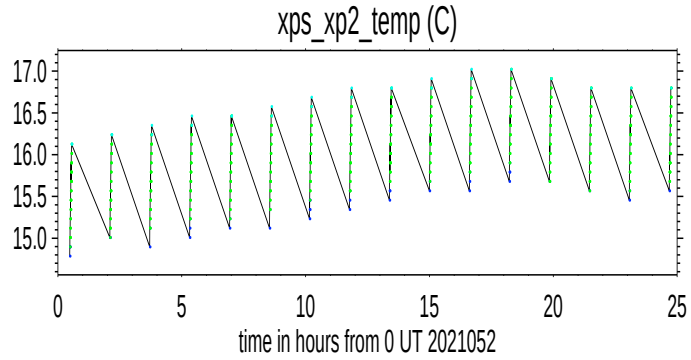
22
21
20
19
0 5 10 15 20 25
time in hours from 0 UT 2021052


egs_adc_temp (C)
32
31
30
29
28
0 5 10 15 20 25
time in hours from 0 UT 2021052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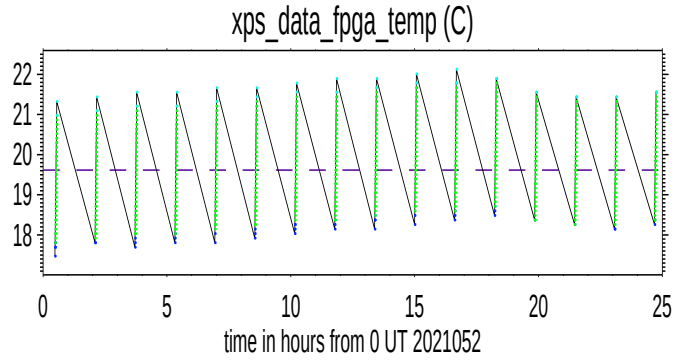
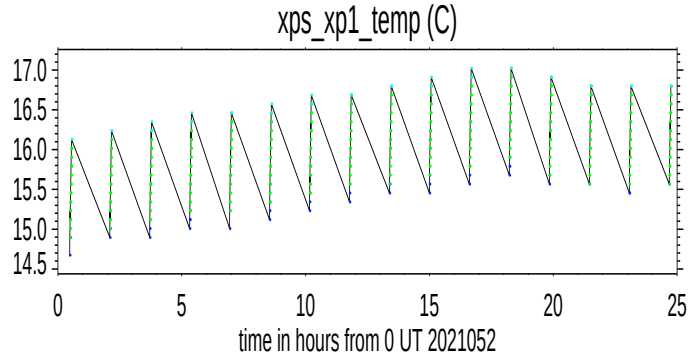
16.0
15.5
15.0
0 5 10 15 20 25
time in hours from 0 UT 2021052


xps_data_fpga_temp (C)
22
21
20
19
18
0 5 10 15 20 25
time in hours from 0 UT 2021052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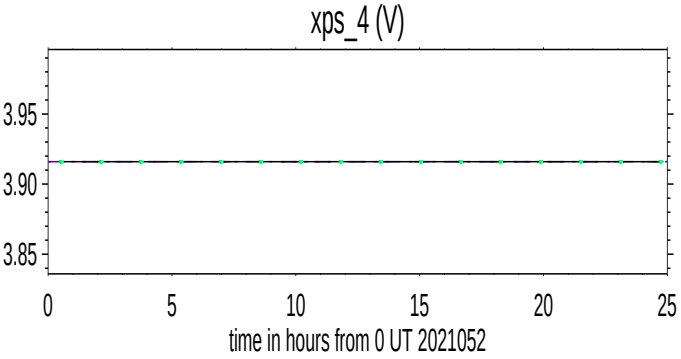
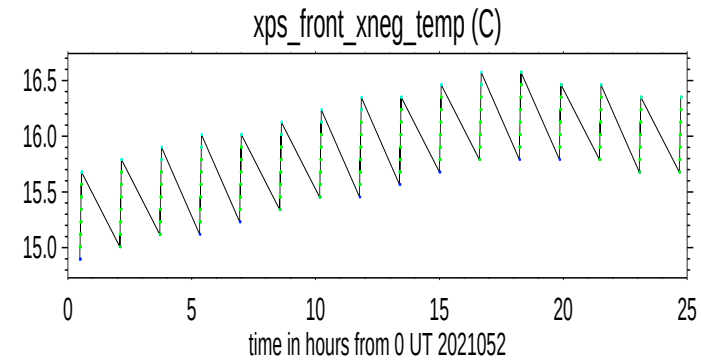
14.5
0 5 10 15 20 25
time in hours from 0 UT 2021052


xps_4 (V)
3.95
3.90
3.85
0 5 10 15 20 25
time in hours from 0 UT 2021052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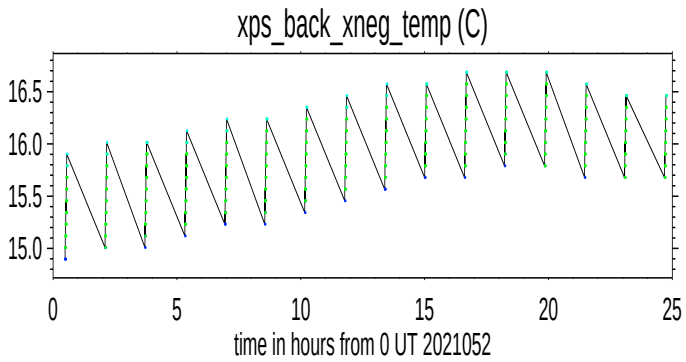
5
10
15
20
25
time in hours from 0 UT 2021052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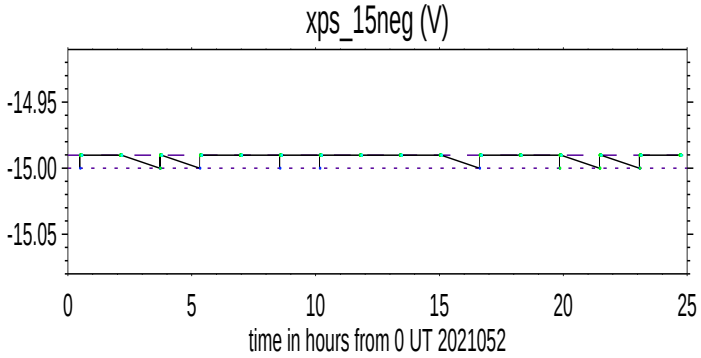
16.0
15.5
15.0
0
5
10
15
20
25
time in hours from 0 UT 2021052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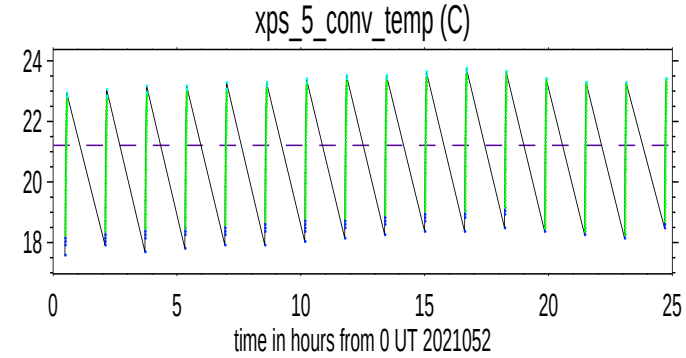
-15.05
0
5
10
15
20
25
time in hours from 0 UT 2021052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22
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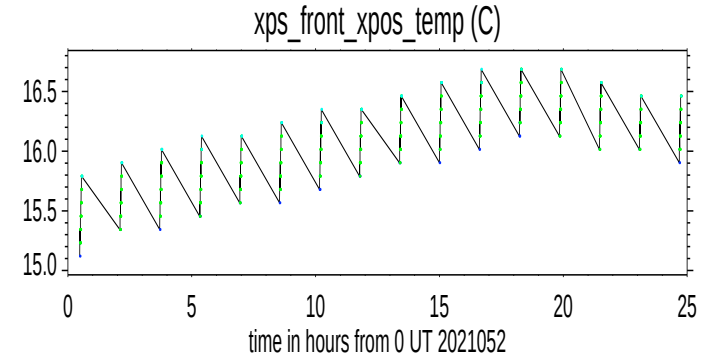
5
10
15
20
25
time in hours from 0 UT 2021052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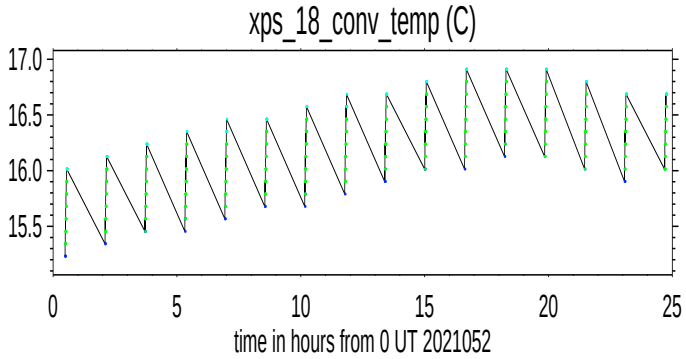
16.0
15.5
15.0
0
5
10
15
20
25
time in hours from 0 UT 2021052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16.0
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10
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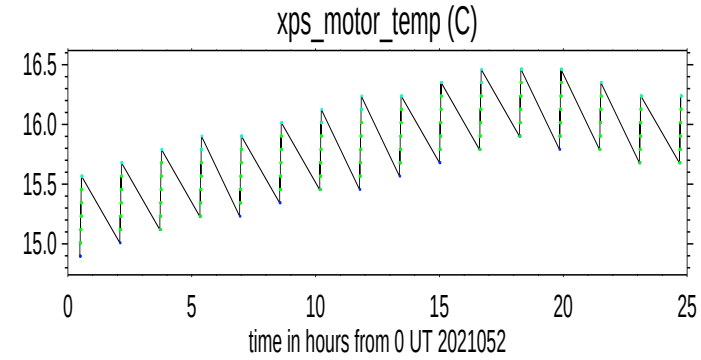
20
25
time in hours from 0 UT 2021052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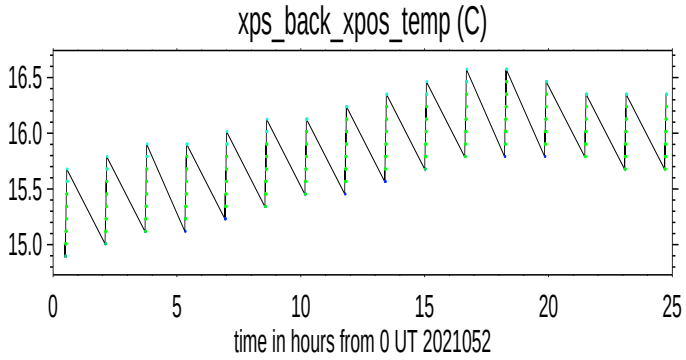
5
10
15
20
25
time in hours from 0 UT 2021052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15.5
15.0
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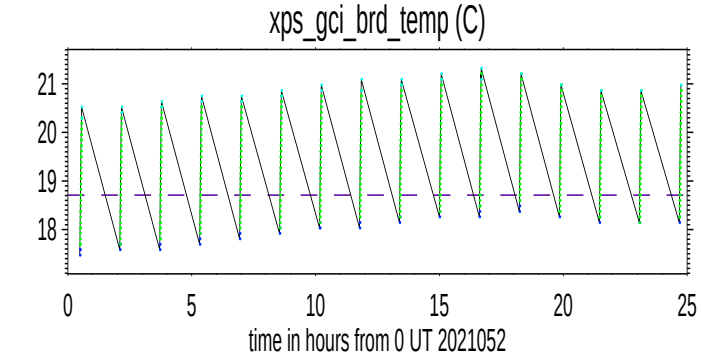
25
time in hours from 0 UT 2021052


xps_gci_brd_temp (C)
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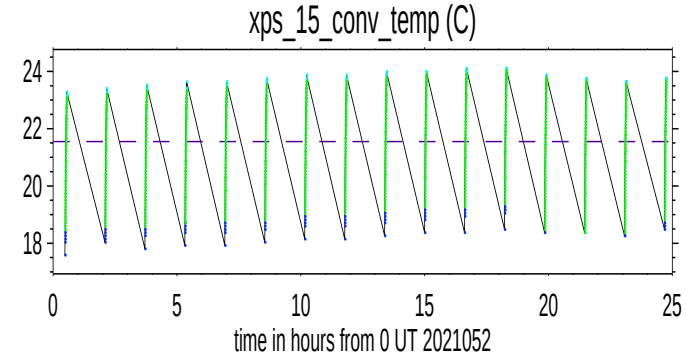
20
19
18
0
5
10
15
20
25
time in hours from 0 UT 2021052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10
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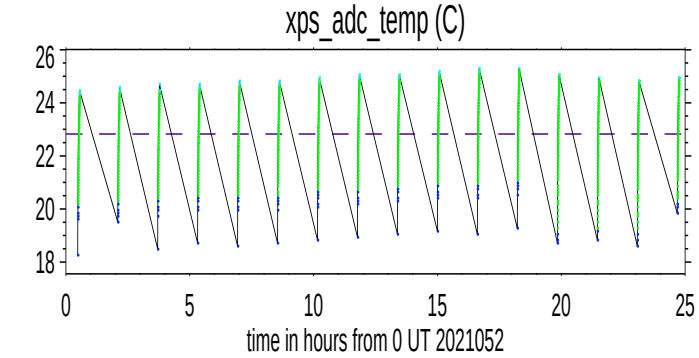
25
time in hours from 0 UT 2021052


xps_adc_temp (C)
26
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10
15
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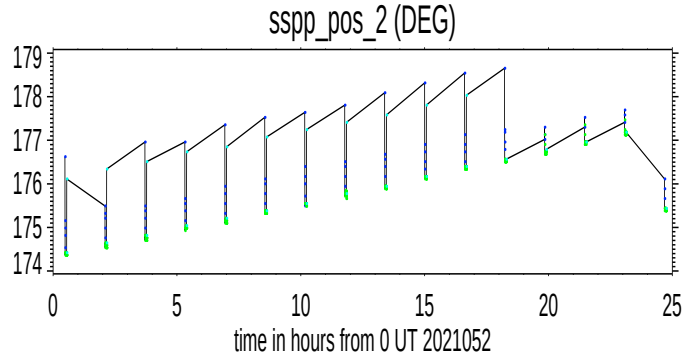
time in hours from 0 UT 2021052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179
178
177
176
175
174
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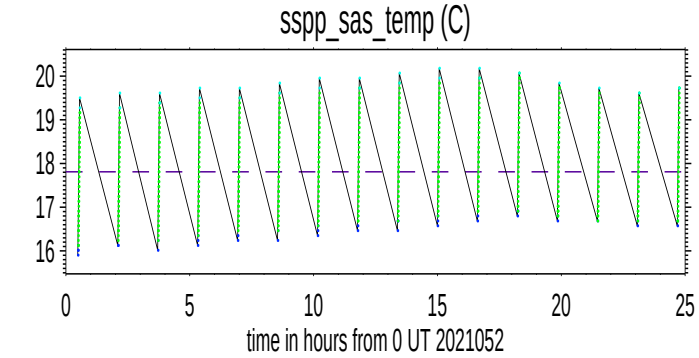
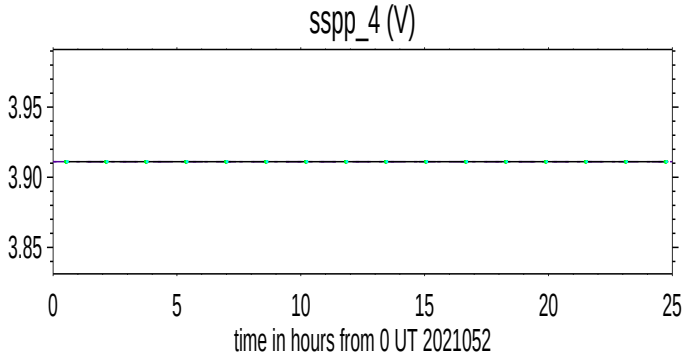
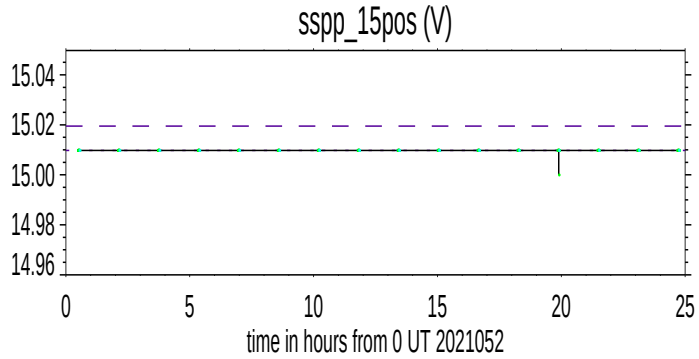
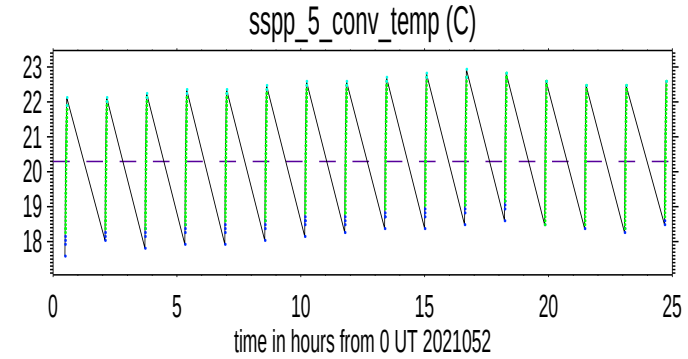
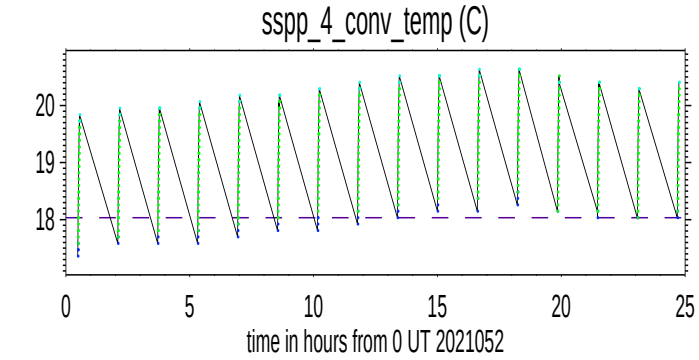
5
10
15
20
25
time in hours from 0 UT 2021052

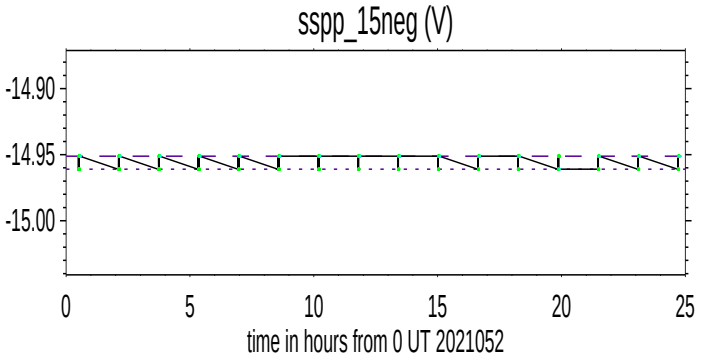

sspp_sas_temp (C)
20
19
18
17
16
0
5
10
15
20
25
time in hours from 0 UT 2021052

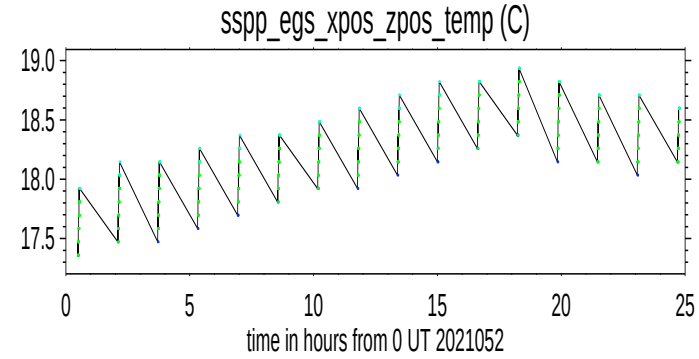

sspp_4 (V)
3.95
3.90
3.85
0
5
10
15
20
25
time in hours from 0 UT 2021052

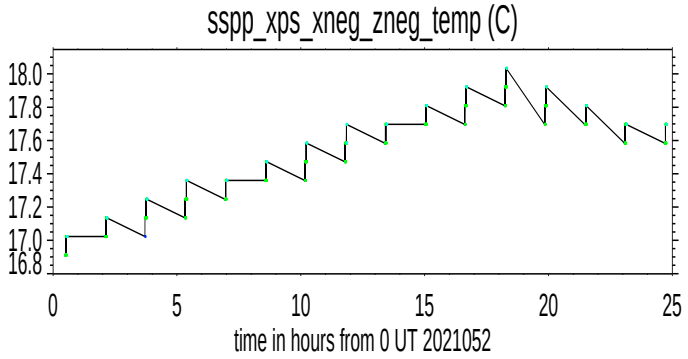

sspp_15pos (V)
15.04
15.02
15.00
14.98
14.96
0
5
10
15
20
25
time in hours from 0 UT 2021052

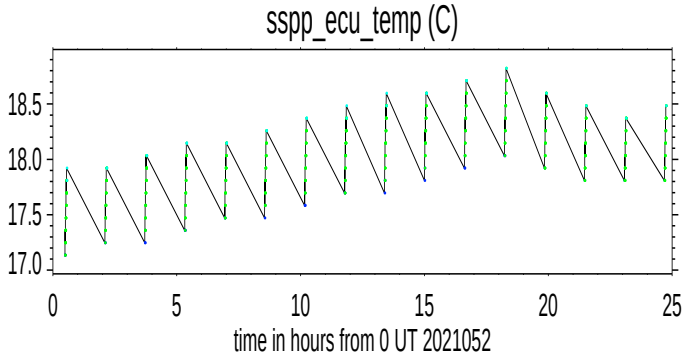

sspp_5_conv_temp (C)
23
22
21
20
19
18
0
5
10
15
20
25
time in hours from 0 UT 2021052

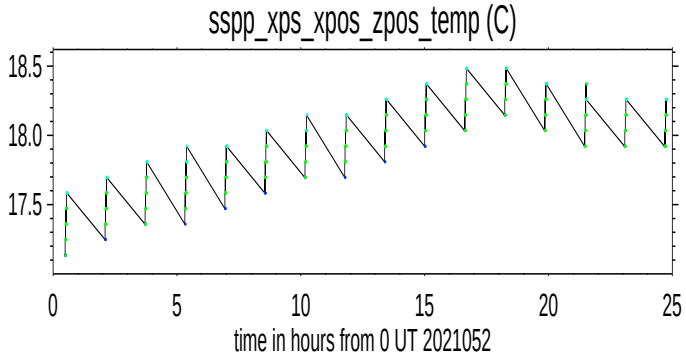

sspp_4_conv_temp (C)
20
19
18
0
5
10
15
20
25
time in hours from 0 UT 2021052

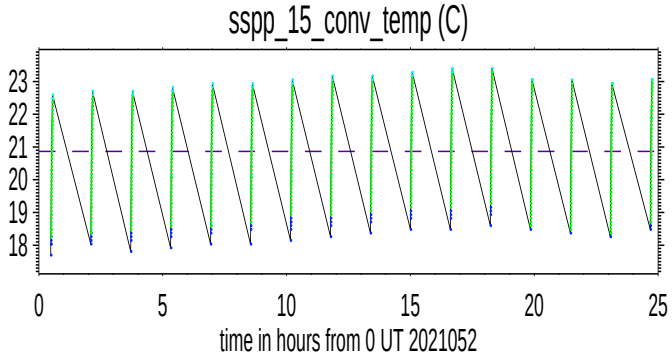

sspp_15neg (V)
-14.90
-14.95
-15.00
0
5
10
15
20
25
time in hours from 0 UT 2021052

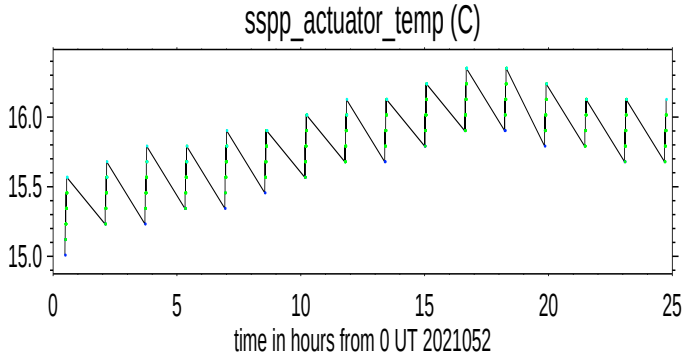

sspp_egs_xpos_zpos_temp (C)
19.0
18.5
18.0
17.5
0
5
10
15
20
25
time in hours from 0 UT 2021052

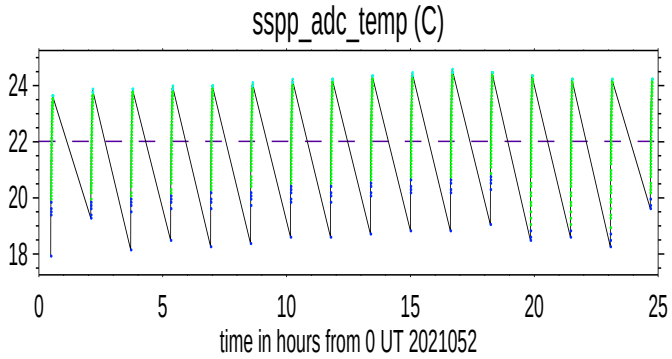

sspp_xps_xneg_zneg_temp (C)
18.0
17.8
17.6
17.4
17.2
17.0
16.8
0
5
10
15
20
25
time in hours from 0 UT 2021052

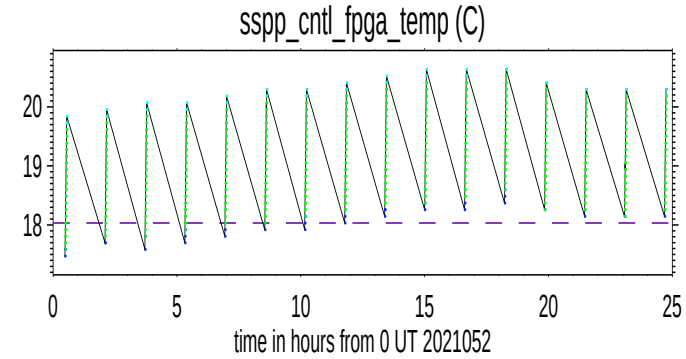

sspp_ecu_temp (C)
18.5
18.0
17.5
17.0
0
5
10
15
20
25
time in hours from 0 UT 2021052

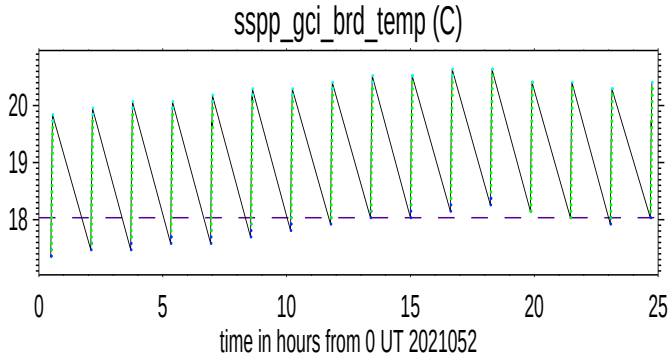

sspp_xps_xpos_zpos_temp (C)
18.5
18.0
17.5
0
5
10
15
20
25
time in hours from 0 UT 2021052

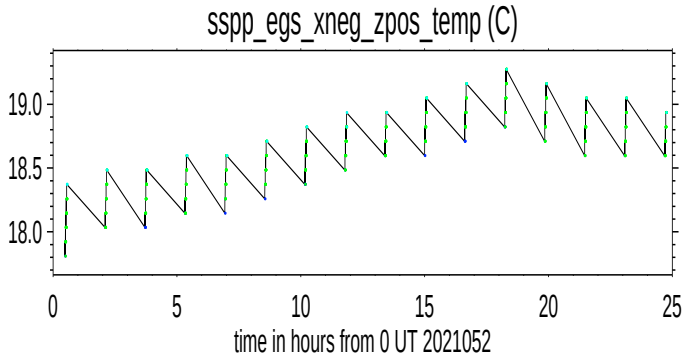

sspp_15_conv_temp (C)
23
22
21
20
19
18
0
5
10
15
20
25
time in hours from 0 UT 2021052

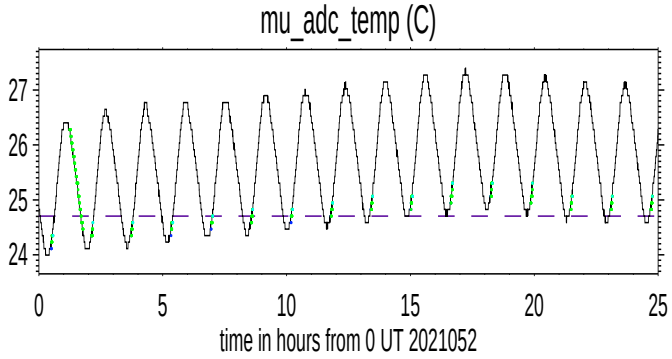

sspp_actuator_temp (C)
16.0
15.5
15.0
0
5
10
15
20
25
time in hours from 0 UT 2021052

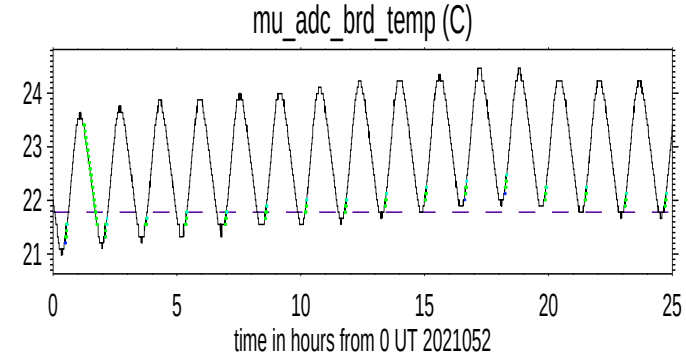

sspp_adc_temp (C)
24
22
20
18
0
5
10
15
20
25
time in hours from 0 UT 2021052

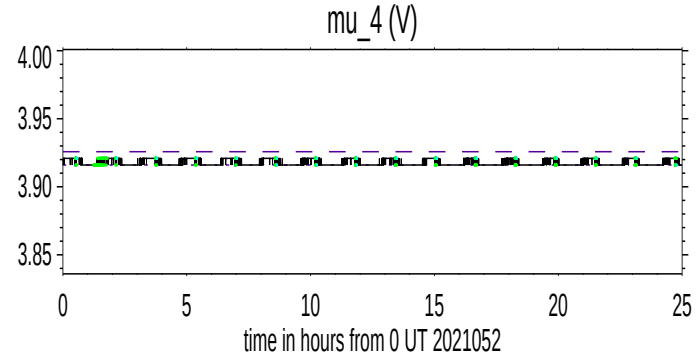

sspp_cntl_fpga_temp (C)
20
19
18
0
5
10
15
20
25
time in hours from 0 UT 2021052

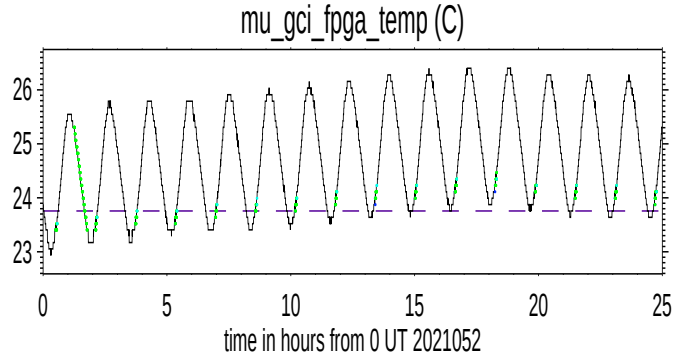

sspp_gci_brd_temp (C)
20
19
18
0
5
10
15
20
25
time in hours from 0 UT 2021052

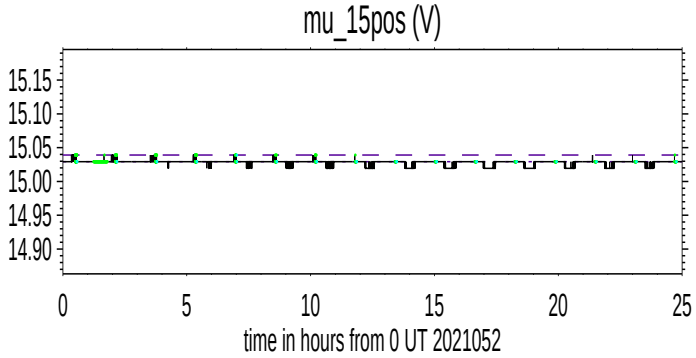

sspp_egs_xneg_zpos_temp (C)
19.0
18.5
18.0
0
5
10
15
20
25
time in hours from 0 UT 2021052

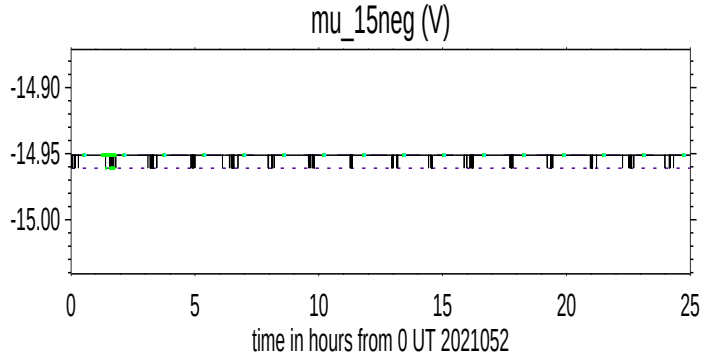

mu_adc_temp (C)
27
26
25
24
0
5
10
15
20
25
time in hours from 0 UT 2021052

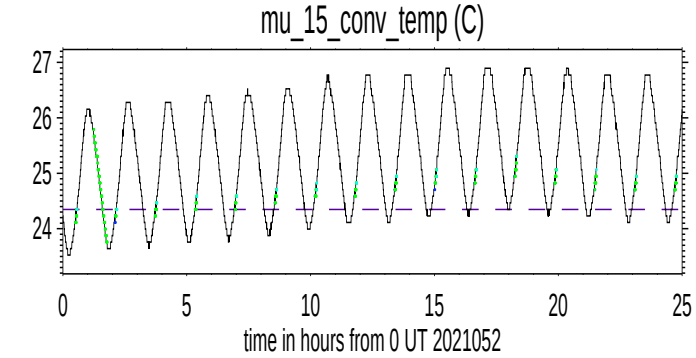

mu_adc_brd_temp (C)
24
23
22
21
0
5
10
15
20
25
time in hours from 0 UT 2021052

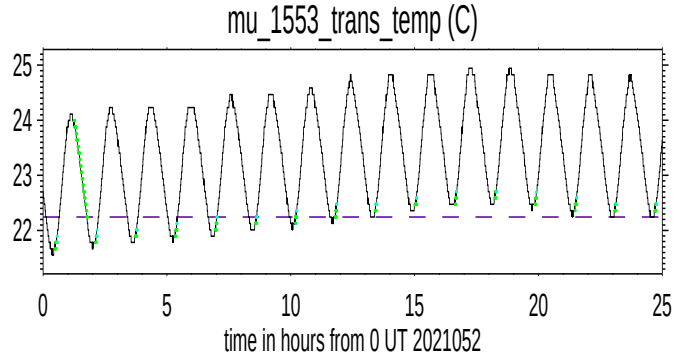

mu_4 (V)
4.00
3.95
3.90
3.85
0
5
10
15
20
25
time in hours from 0 UT 2021052

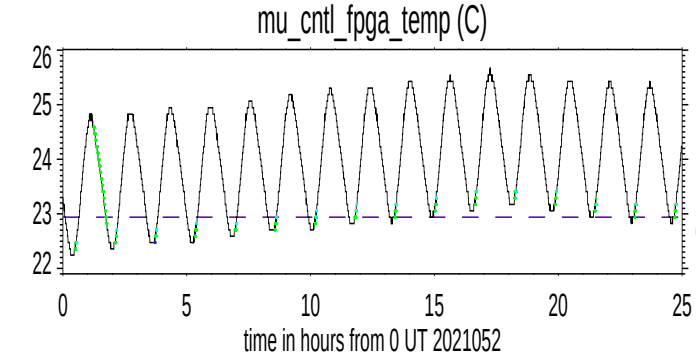

mu_gci_fpga_temp (C)
26
25
24
23
0
5
10
15
20
25
time in hours from 0 UT 2021052

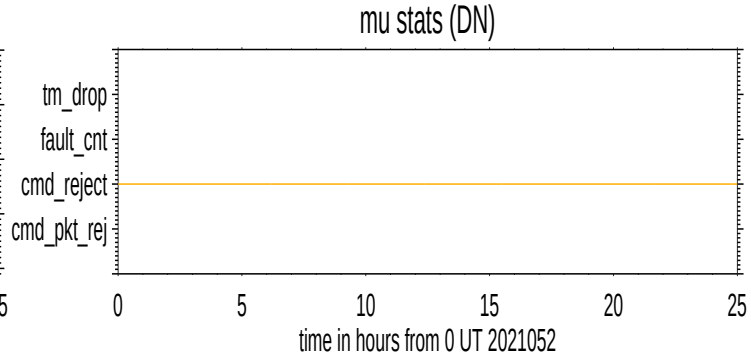

mu_15pos (V)
15.15
15.10
15.05
15.00
14.95
14.90
0
5
10
15
20
25
time in hours from 0 UT 2021052

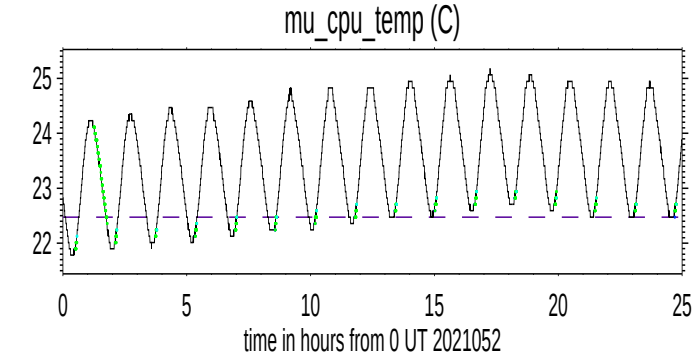

mu_15neg (V)
-14.90
-14.95
-15.00
0
5
10
15
20
25
time in hours from 0 UT 2021052

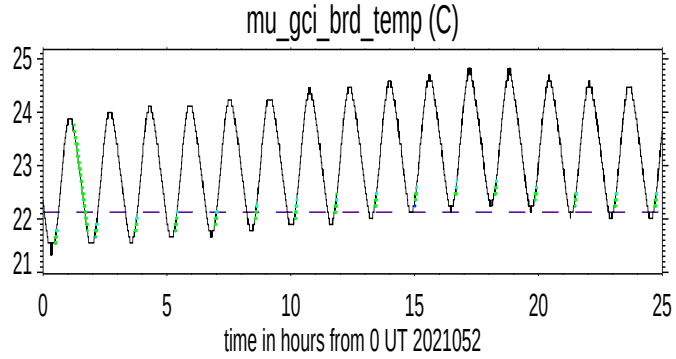

mu_15_conv_temp (C)
27
26
25
24
0
5
10
15
20
25
time in hours from 0 UT 2021052

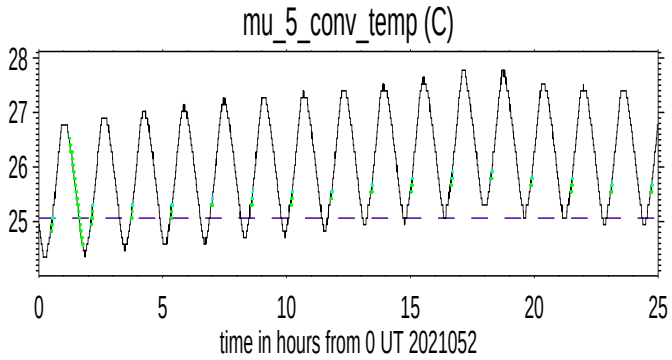

mu_1553_trans_temp (C)
25
24
23
22
0
5
10
15
20
25
time in hours from 0 UT 2021052

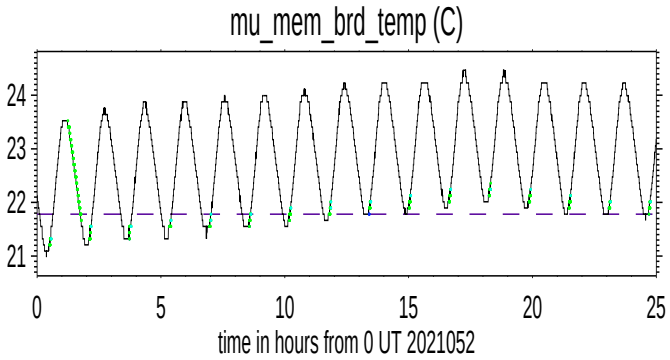

mu_cntl_fpga_temp (C)
26
25
24
23
22
0
5
10
15
20
25
time in hours from 0 UT 2021052

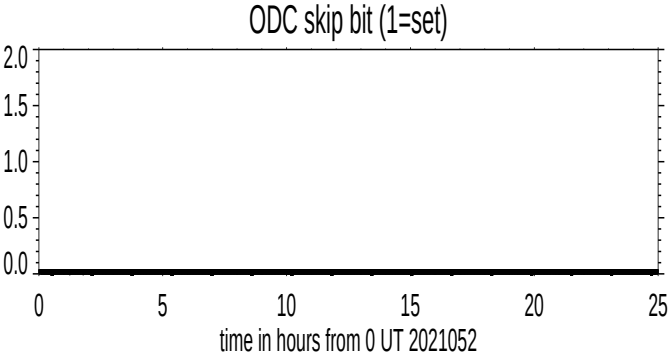

mu stats (DN)
tm_drop
fault_cnt
cmd_reject
cmd_pkt_rej
0
5
10
15
20
25
time in hours from 0 UT 2021052

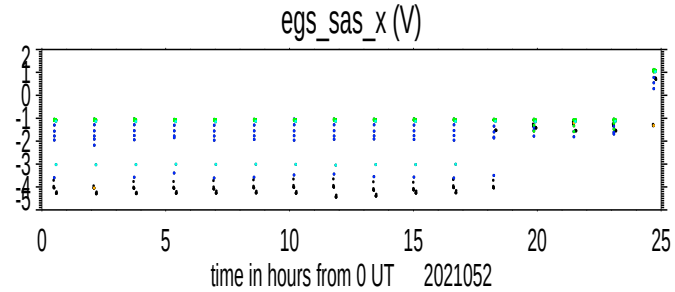

mu_cpu_temp (C)
25
24
23
22
0
5
10
15
20
25
time in hours from 0 UT 2021052

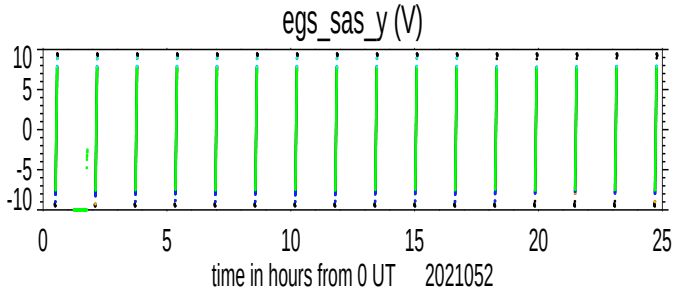

mu_gci_brd_temp (C)
25
24
23
22
21
0
5
10
15
20
25
time in hours from 0 UT 2021052

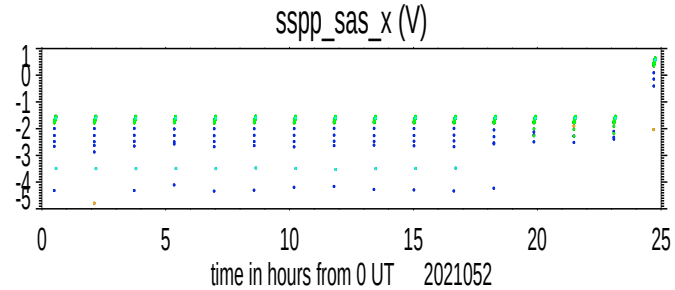

mu_5_conv_temp (C)
28
27
26
25
0
5
10
15
20
25
time in hours from 0 UT 2021052

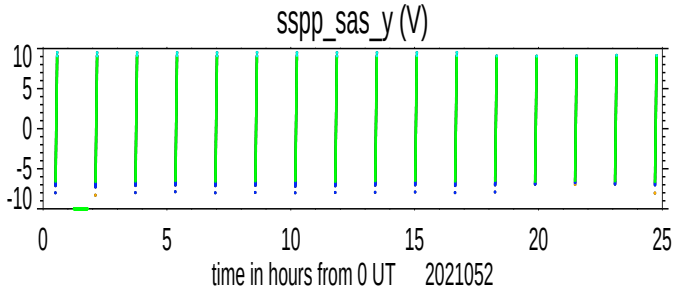

mu_mem_brd_temp (C)
24
23
22
21
0
5
10
15
20
25
time in hours from 0 UT 2021052

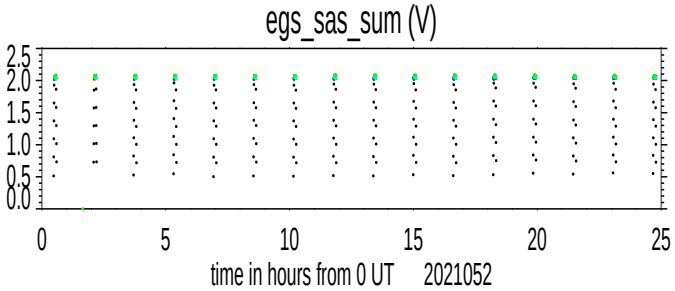

ODC skip bit (1=set)
2.0
1.5
1.0
0.5
0.0
0
5
10
15
20
25
time in hours from 0 UT 2021052

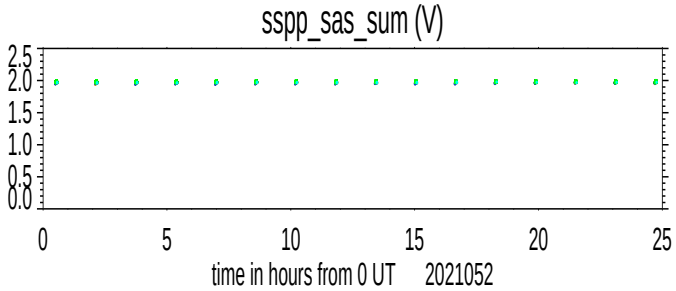

egs_sas_x (V)
time in hours from 0 UT 2021052

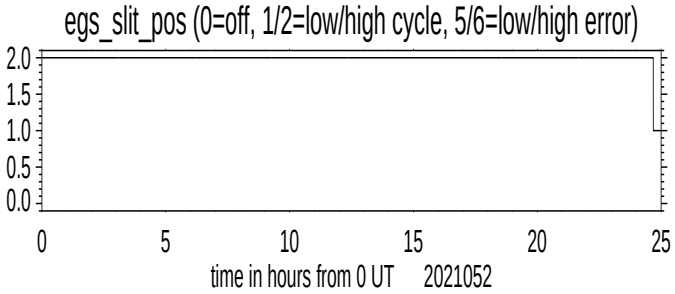

egs_sas_y (V)
time in hours from 0 UT 2021052

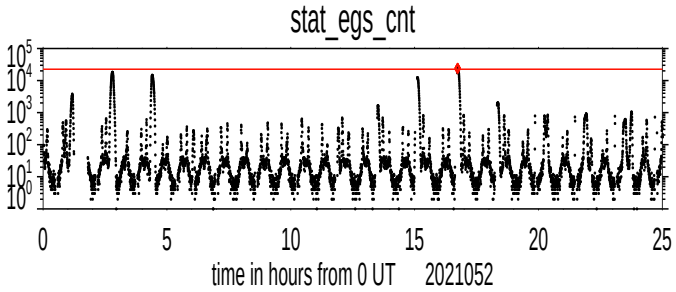

sspp_sas_x (V)
time in hours from 0 UT 2021052

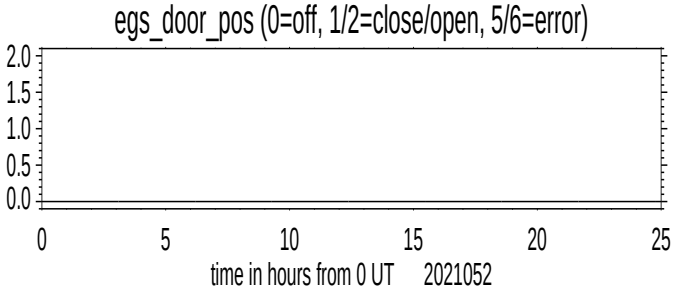

sspp_sas_y (V)
time in hours from 0 UT 2021052

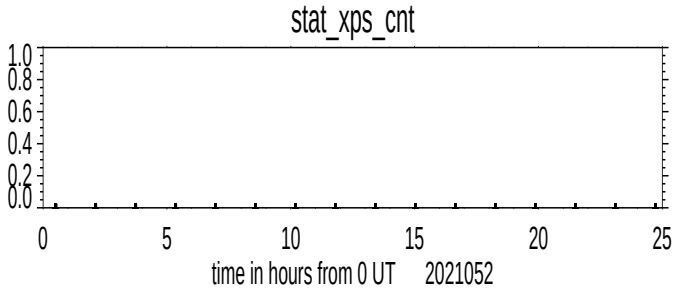

egs_sas_sum (V)
time in hours from 0 UT 2021052

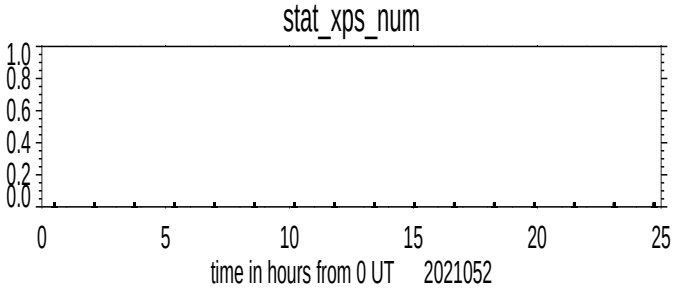

sspp_sas_sum (V)
time in hours from 0 UT 2021052

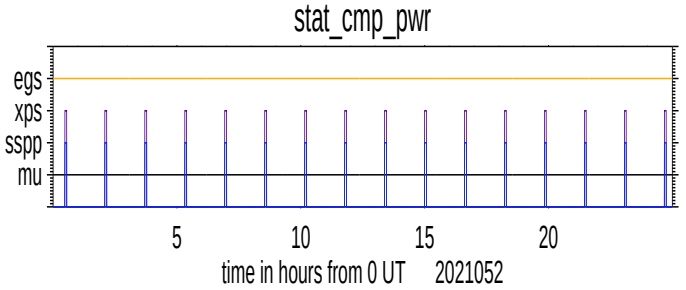

egs_slit_pos (0=off, 1/2=low/high cycle, 5/6=low/high error)
time in hours from 0 UT 2021052


stat_egs_cnt
time in hours from 0 UT 2021052

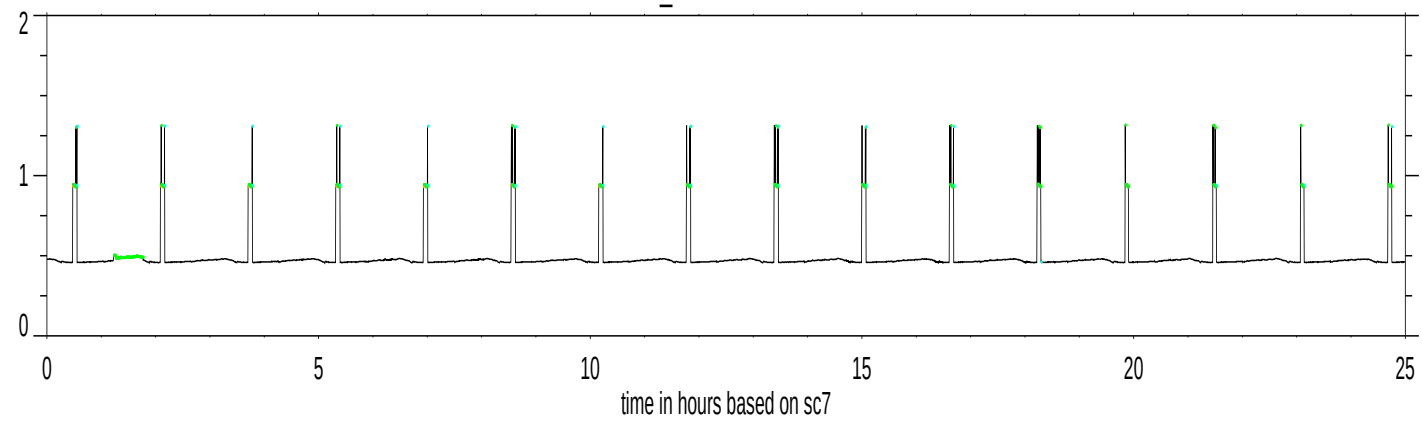

egs_door_pos (0=off, 1/2=close/open, 5/6=error)
time in hours from 0 UT 2021052


stat_xps_cnt
time in hours from 0 UT 2021052

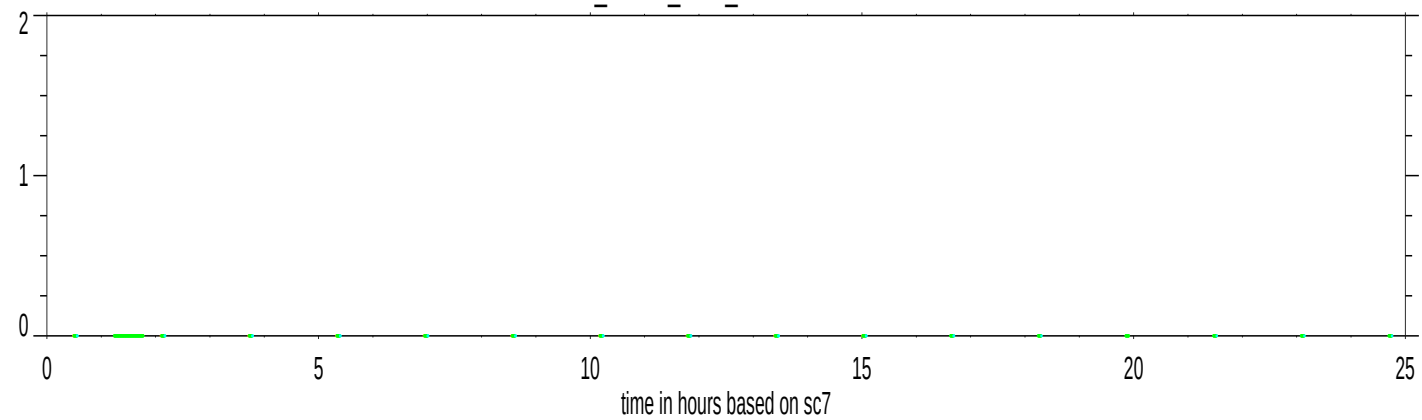

stat_xps_num
time in hours from 0 UT 2021052


stat_cmp_pwr
egs
xps
sspp
mu
time in hours from 0 UT 2021052

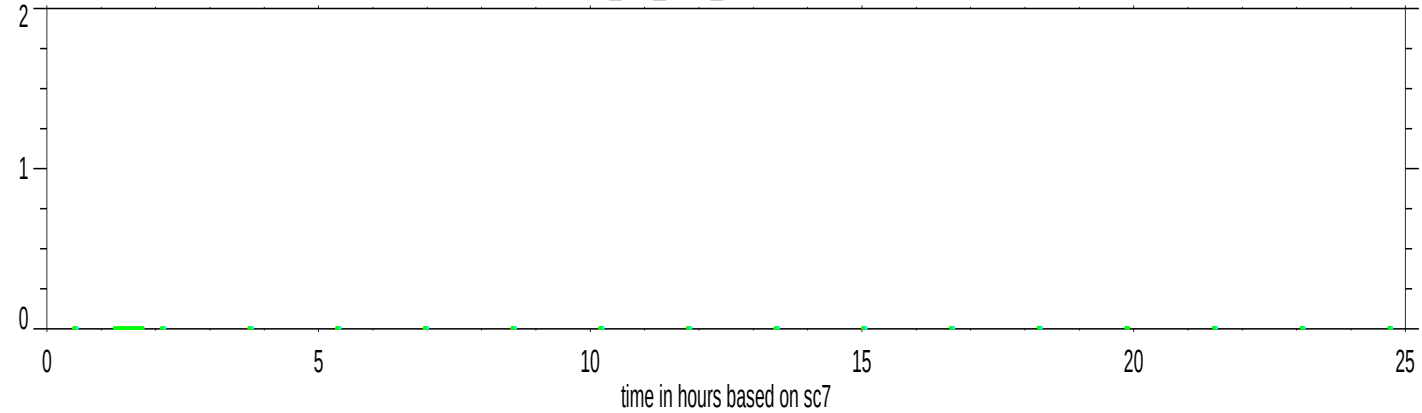
SEE_CUR 2021052



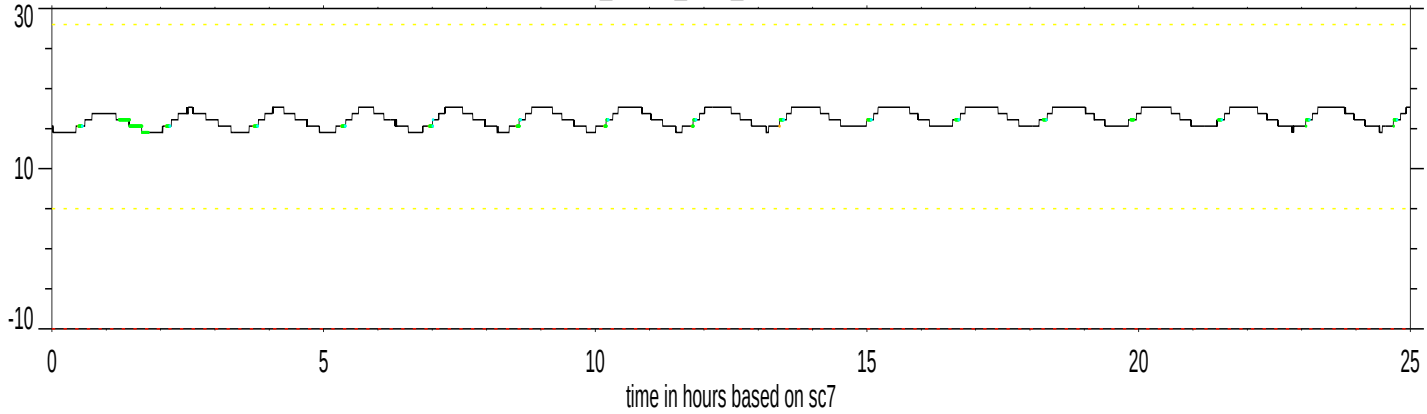

SEE_SURV_HTR_CUR 2021052



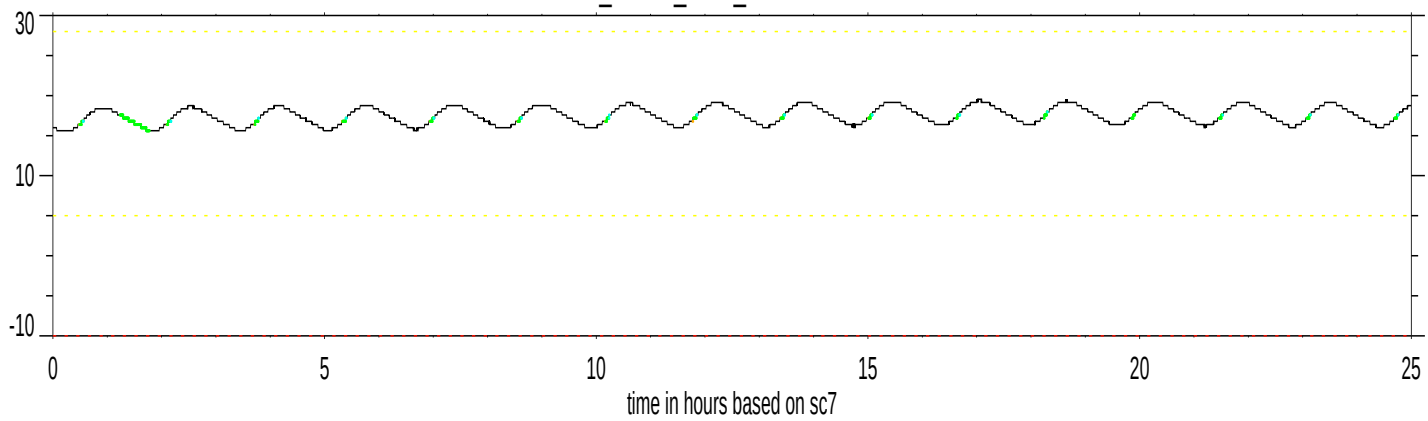

SEE_OP_HTR_CUR 2021052



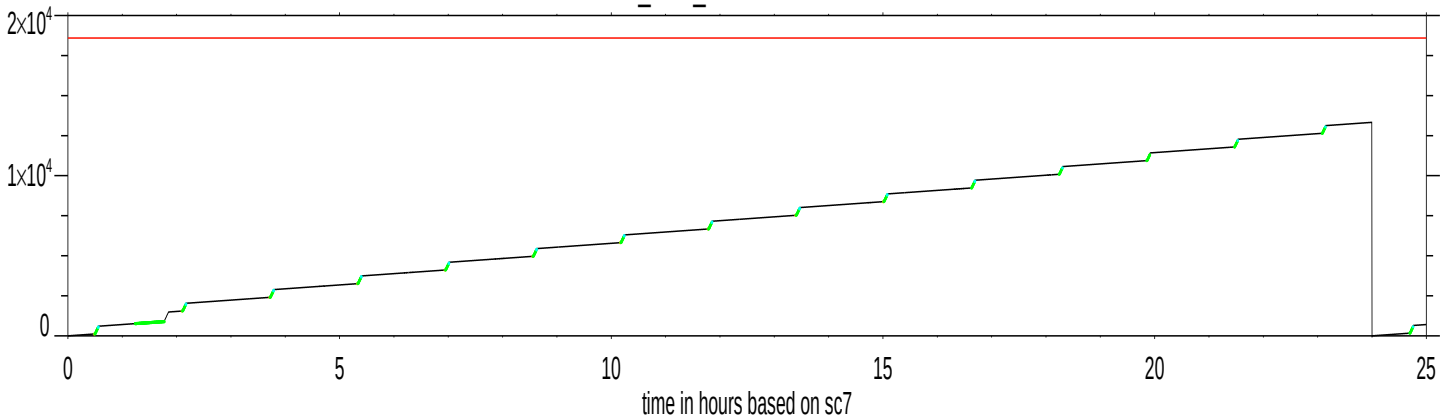

SSPP_BHND_XPS_TEMP 2021052



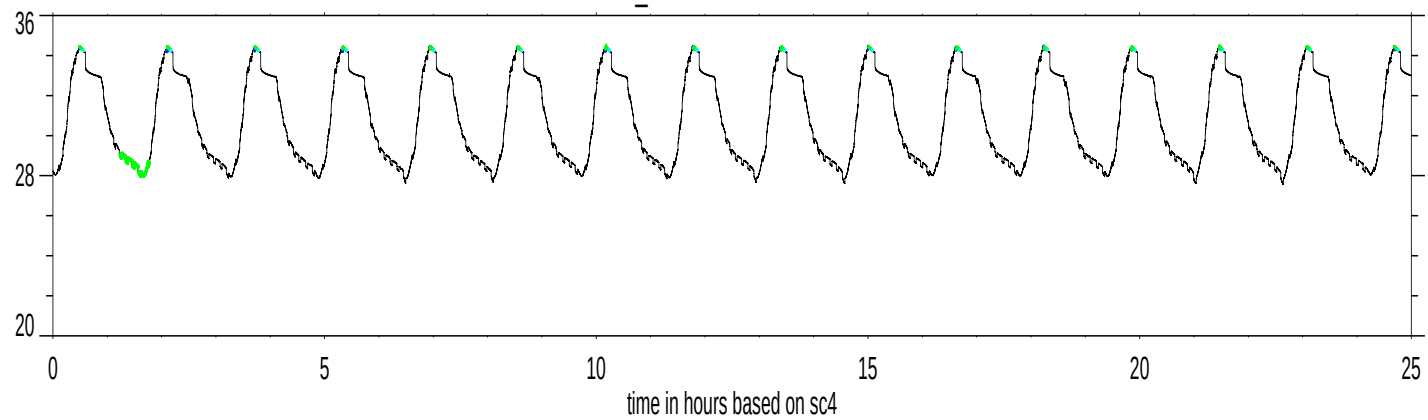
SSPP_BHND_MTR_TEMP 2021052



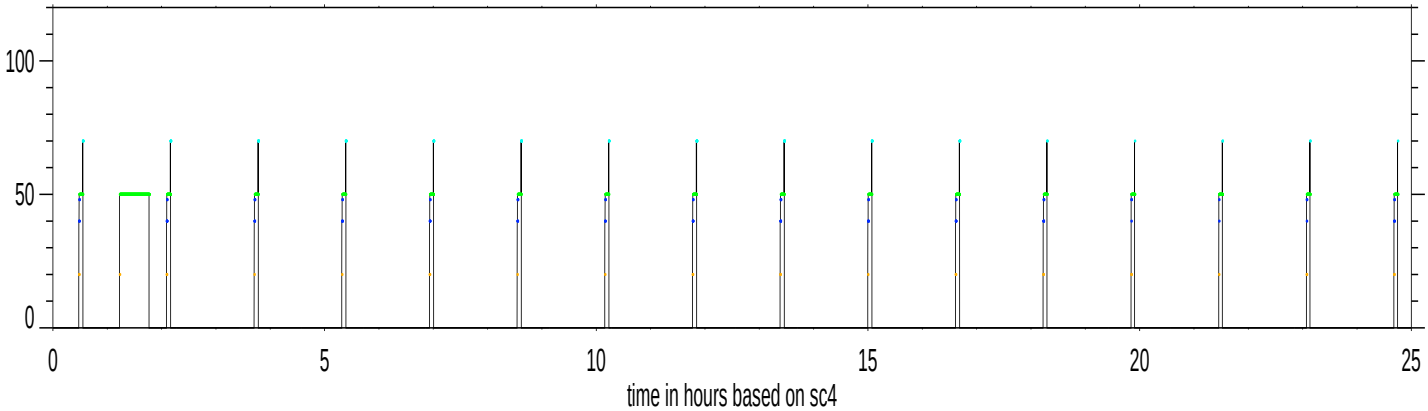

SEE_PKT_COUNT 2021052

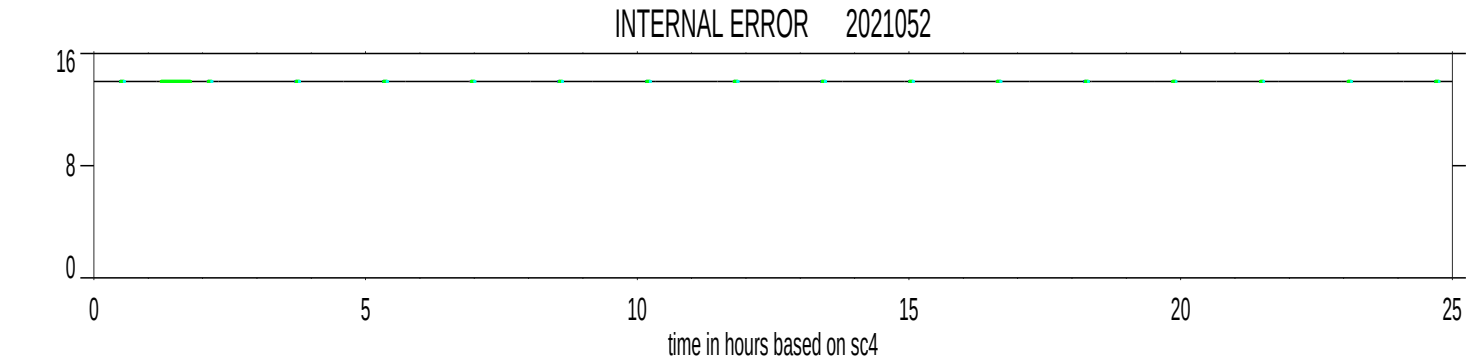


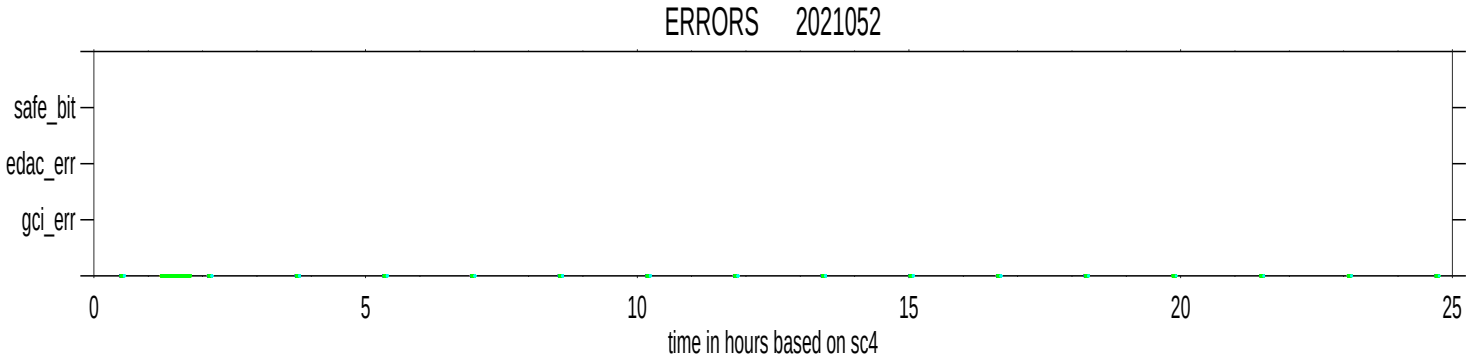

BUS_VOLTAGE 2021052

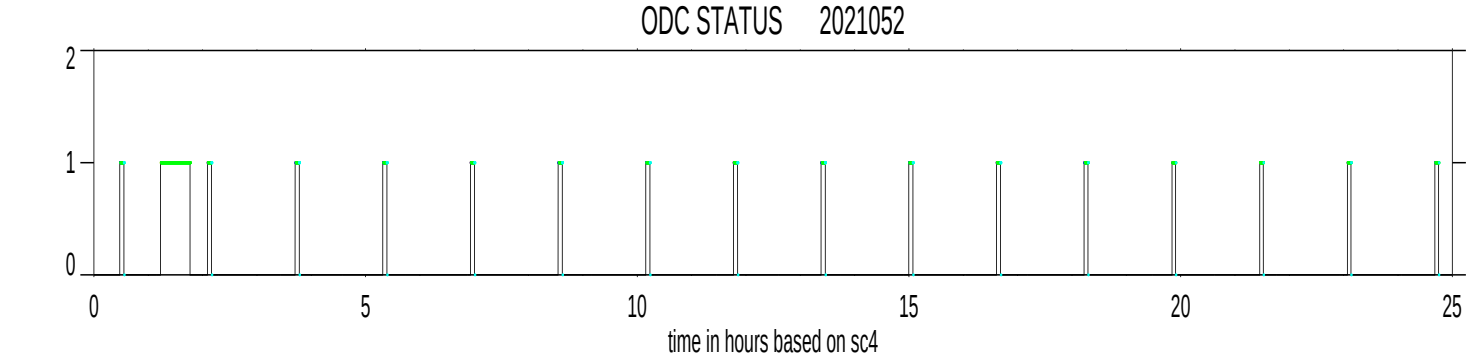


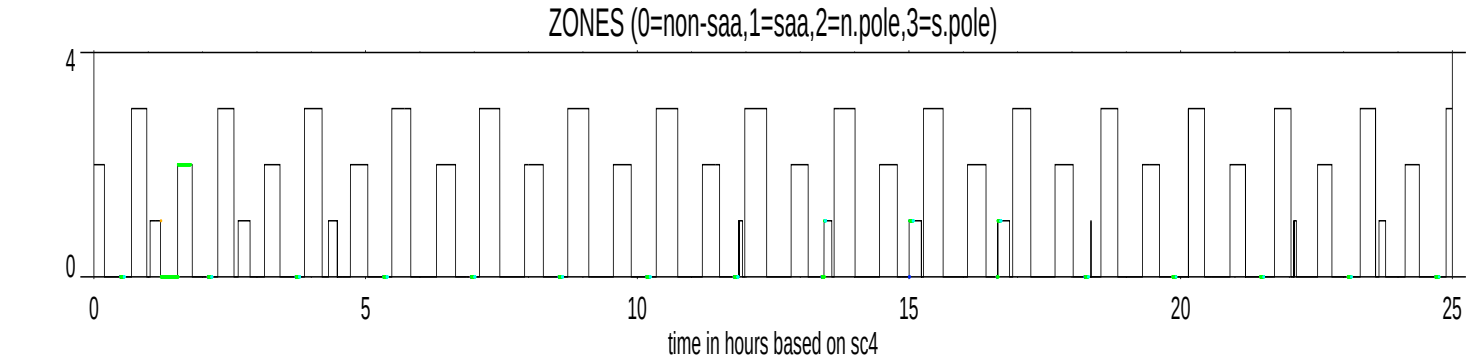

SEE_MU Operational Mode 2021052

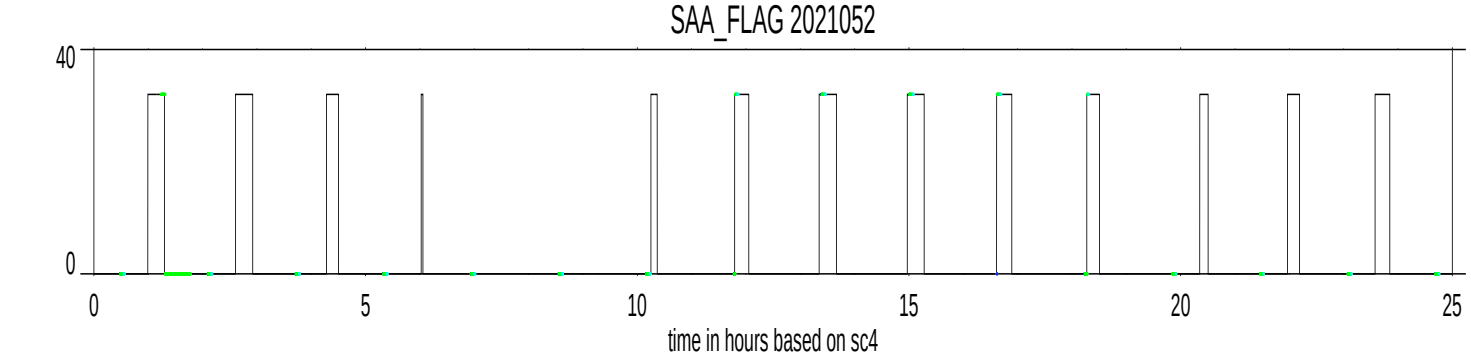


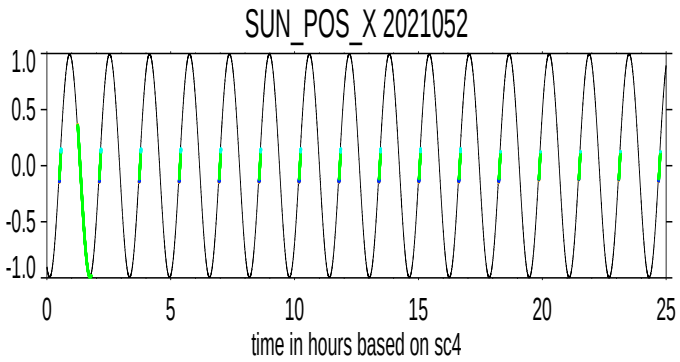

INTERNAL ERROR 2021052
16
8
0
0
5
10
15
20
25
time in hours based on sc4

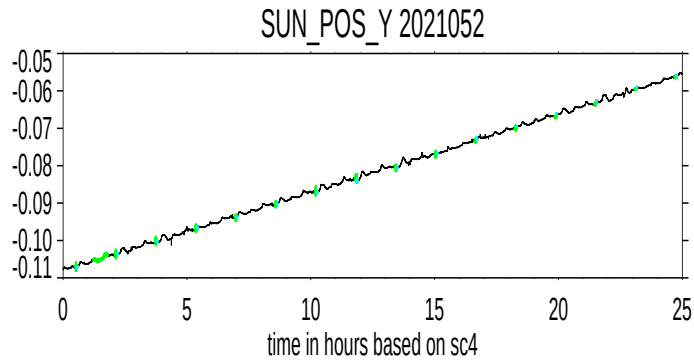

ERRORS 2021052
safe_bit
edac_err
gci_err
0
5
10
15
20
25
time in hours based on sc4

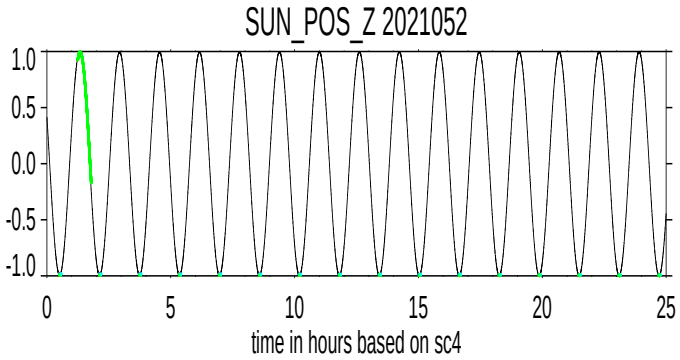

ODC STATUS 2021052
2
1
0
0
5
10
15
20
25
time in hours based on sc4

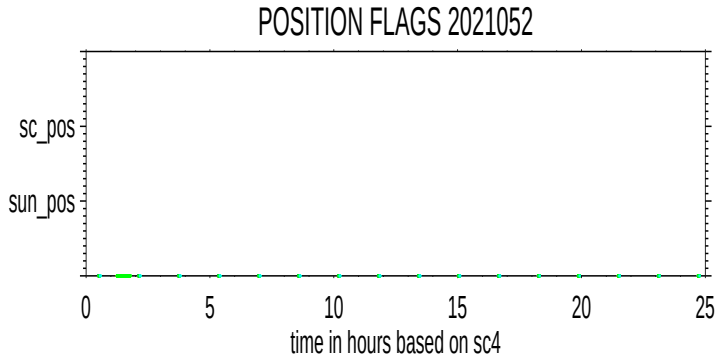

ZONES (0=non-saa,1=saa,2=n.pole,3=s.pole)
4
0
0
5
10
15
20
25
time in hours based on sc4

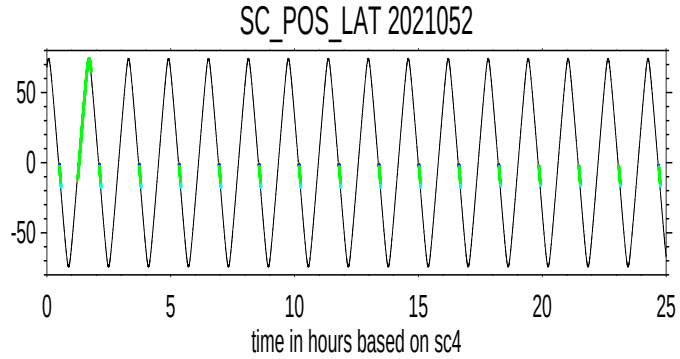

SAA_FLAG 2021052
40
0
0
5
10
15
20
25
time in hours based on sc4

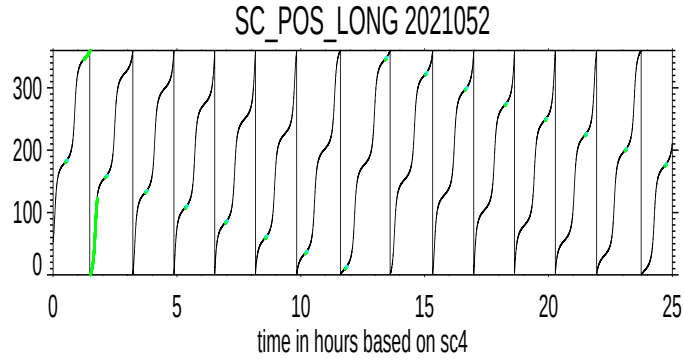

SUN_POS_X 2021052
1.0
0.5
0.0
-0.5
-1.0
0
5
10
15
20
25
time in hours based on sc4

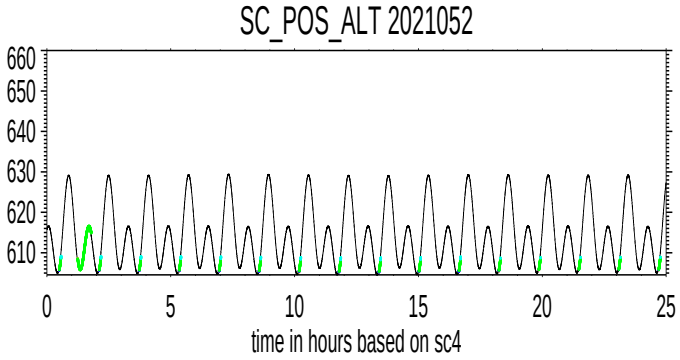

SUN_POS_Y 2021052
-0.05
-0.06
-0.07
-0.08
-0.09
-0.10
-0.11
0
5
10
15
20
25
time in hours based on sc4

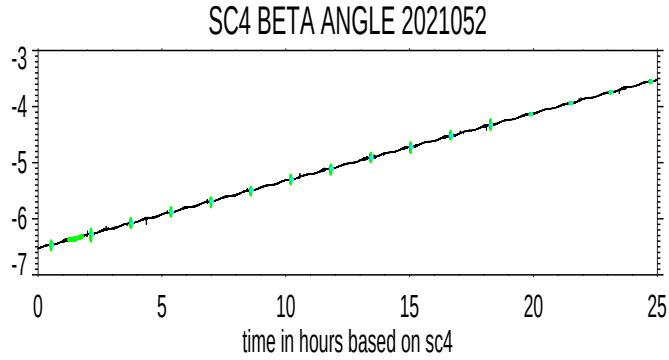

SUN_POS_Z 2021052
1.0
0.5
0.0
-0.5
-1.0
0
5
10
15
20
25
time in hours based on sc4


POSITION FLAGS 2021052
sc_pos
sun_pos
0
5
10
15
20
25
time in hours based on sc4


SC_POS_LAT 2021052
50
0
-50
0
5
10
15
20
25
time in hours based on sc4


SC_POS_LONG 2021052
300
200
100
0
0
5
10
15
20
25
time in hours based on sc4


SC_POS_ALT 2021052
660
650
640
630
620
610
0
5
10
15
20
25
time in hours based on sc4


SC4 BETA ANGLE 2021052
-3
-4
-5
-6
-7
0
5
10
15
20
25
time in hours based on sc4