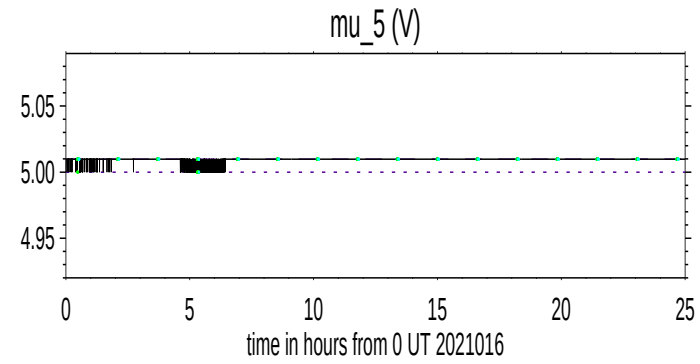
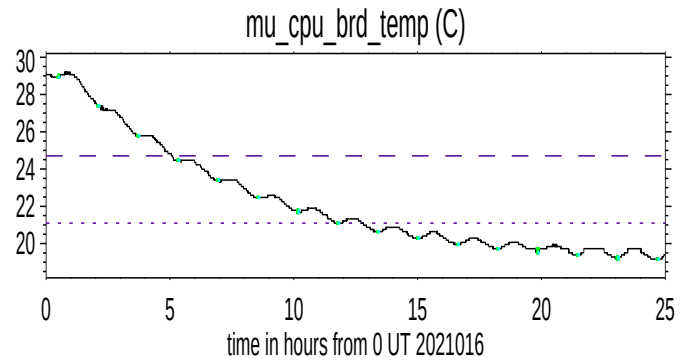
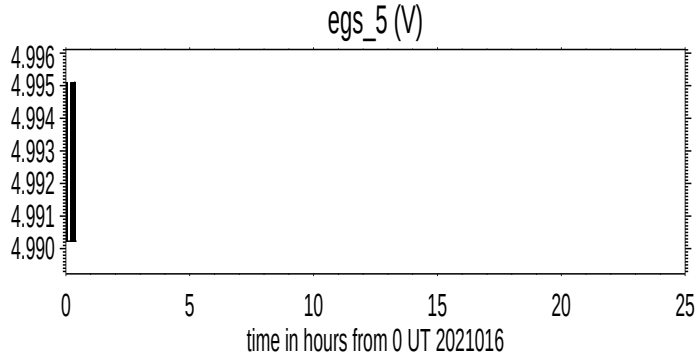
Information for 2021016

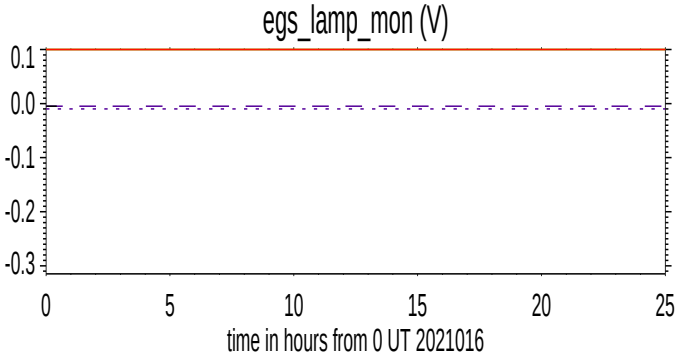
/export/timed/data/science_dp/tlm_limit/outoflimit_2021016_012.txt
Mon Feb 15 06:14:18 2021 1

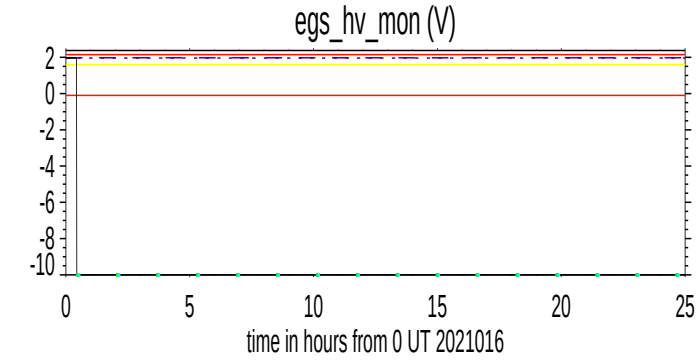
```
RH  OutOfLimit 1294790424 1294880414 hk.mu_cmd_pkt_reject
RL  OutOfLimit 1294791999 1294880414 hk.egs_hv_mon
```

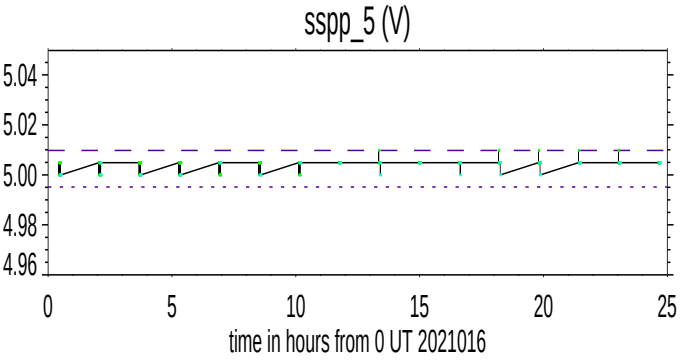

mu_5 (V)
5.05
5.00
4.95
0
5
10
15
20
25
time in hours from 0 UT 2021016

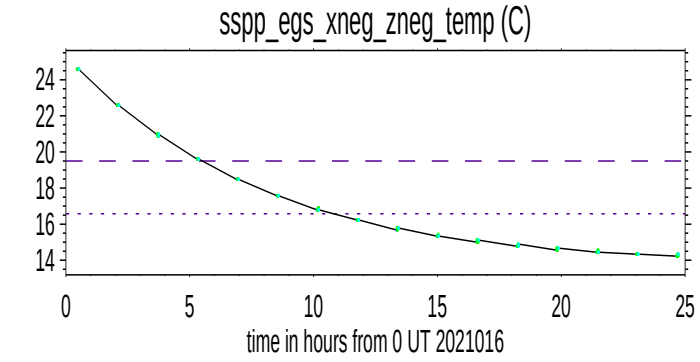

mu_cpu_brd_temp (C)
30
28
26
24
22
20
0
5
10
15
20
25
time in hours from 0 UT 2021016

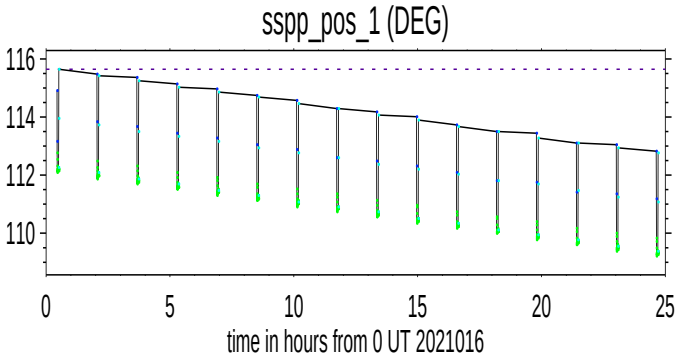

egs_5 (V)
4.996
4.995
4.994
4.993
4.992
4.991
4.990
0
5
10
15
20
25
time in hours from 0 UT 2021016

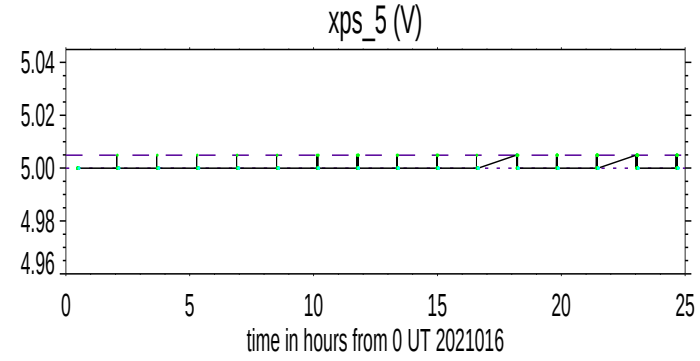

egs_lamp_mon (V)
0.1
0.0
-0.1
-0.2
-0.3
0
5
10
15
20
25
time in hours from 0 UT 2021016

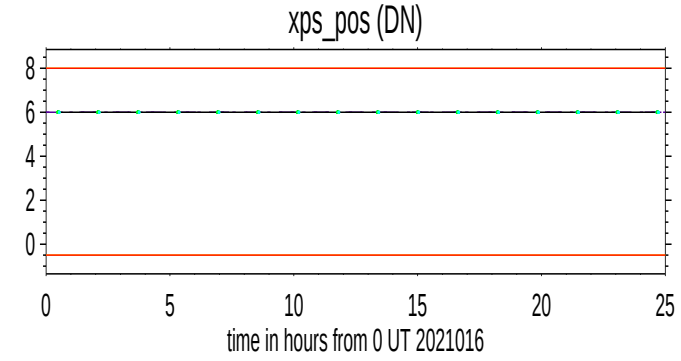

egs_hv_mon (V)
2
0
-2
-4
-6
-8
-10
0
5
10
15
20
25
time in hours from 0 UT 2021016

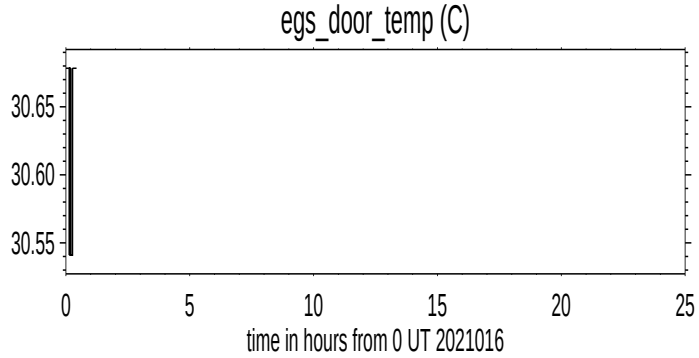

sspp_5 (V)
5.04
5.02
5.00
4.98
4.96
0
5
10
15
20
25
time in hours from 0 UT 2021016


sspp_egs_xneg_zneg_temp (C)
24
22
20
18
16
14
0
5
10
15
20
25
time in hours from 0 UT 2021016


sspp_pos_1 (DEG)
116
114
112
110
0
5
10
15
20
25
time in hours from 0 UT 2021016


xps_5 (V)
5.04
5.02
5.00
4.98
4.96
0
5
10
15
20
25
time in hours from 0 UT 2021016


xps_pos (DN)
8
6
4
2
0
0
5
10
15
20
25
time in hours from 0 UT 2021016


egs_door_temp (C)
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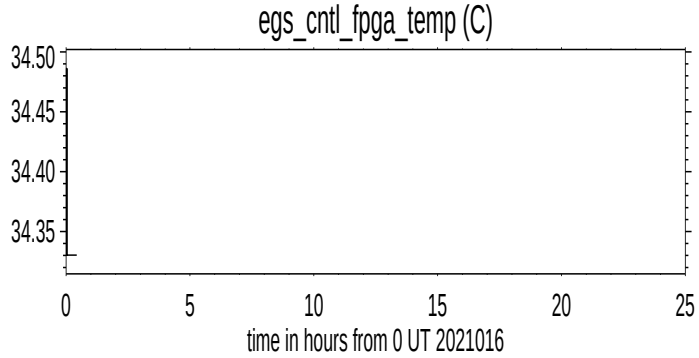
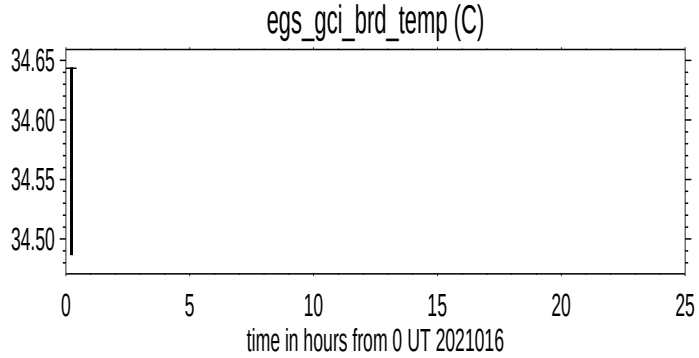
30.60
30.55
0
5
10
15
20
25
time in hours from 0 UT 2021016


egs_cntl_fpga_temp (C)
34.50
34.45
34.40
34.35
0
5
10
15
20
25
time in hours from 0 UT 2021016


egs_gci_brd_temp (C)
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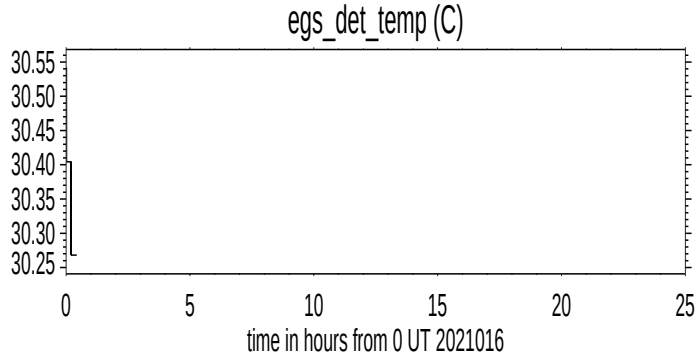
34.55
34.50
0
5
10
15
20
25
time in hours from 0 UT 2021016


egs_det_temp (C)
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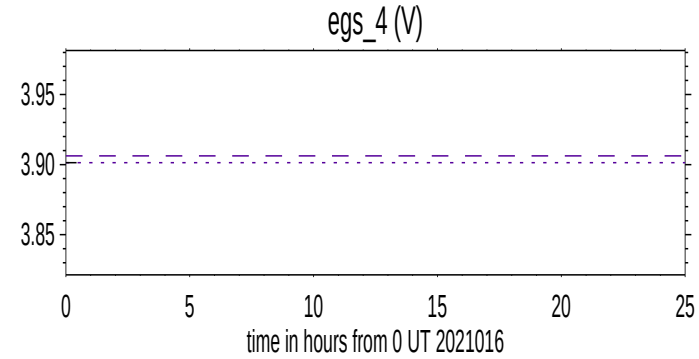
30.40
30.35
30.30
30.25
0
5
10
15
20
25
time in hours from 0 UT 2021016


egs_4 (V)
3.95
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3.85
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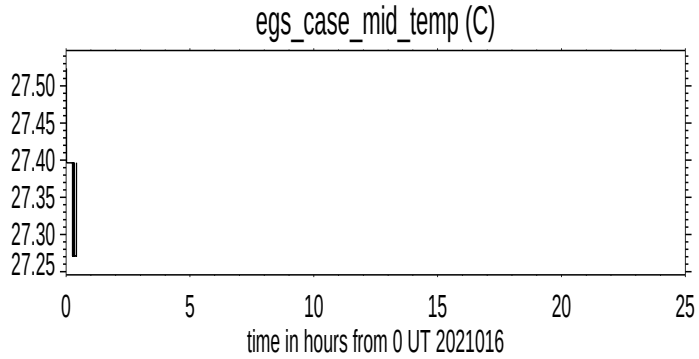
5
10
15
20
25
time in hours from 0 UT 2021016


egs_case_mid_temp (C)
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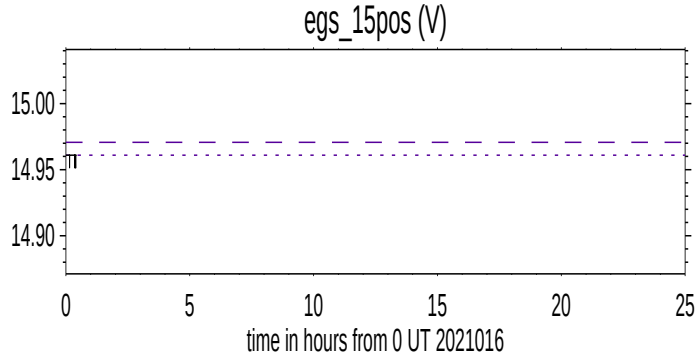
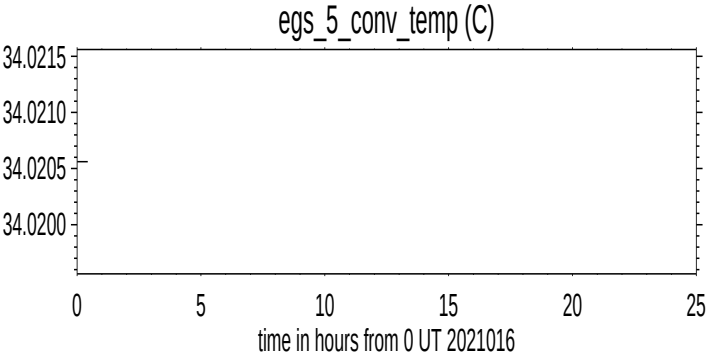
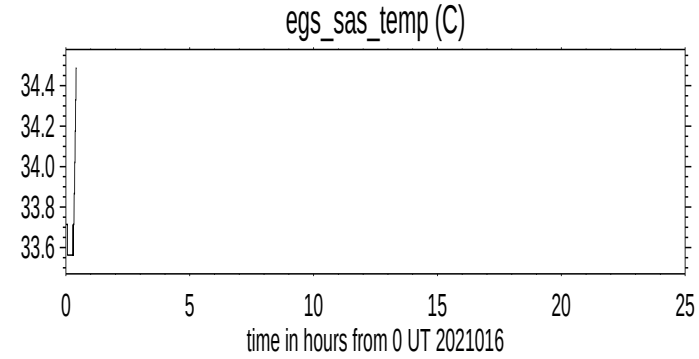
27.40
27.35
27.30
27.25
0
5
10
15
20
25
time in hours from 0 UT 2021016


egs_15pos (V)
15.00
14.95
14.90
0
5
10
15
20
25
time in hours from 0 UT 2021016


egs_5_conv_temp (C)
34.0215
34.0210
34.0205
34.0200
0
5
10
15
20
25
time in hours from 0 UT 2021016


egs_sas_temp (C)
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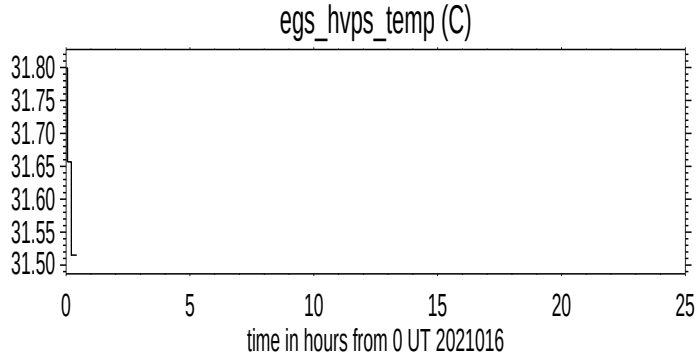
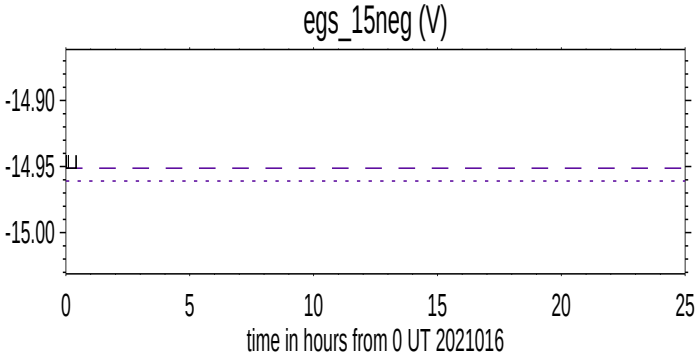
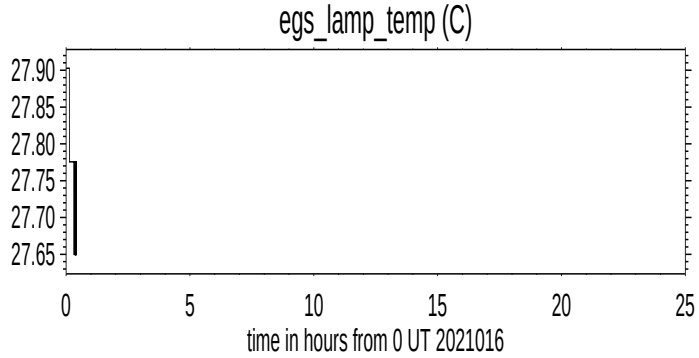
34.2
34.0
33.8
33.6
0
5
10
15
20
25
time in hours from 0 UT 2021016


egs_hvps_temp (C)
31.80
31.75
31.70
31.65
31.60
31.55
31.50
0
5
10
15
20
25
time in hours from 0 UT 2021016


egs_15neg (V)
-14.90
-14.95
-15.00
0
5
10
15
20
25
time in hours from 0 UT 2021016


egs_lamp_temp (C)
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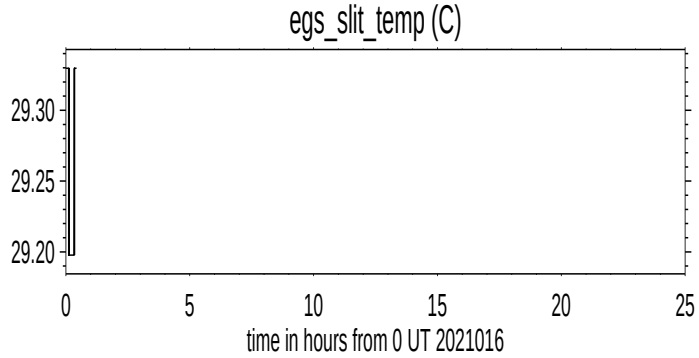
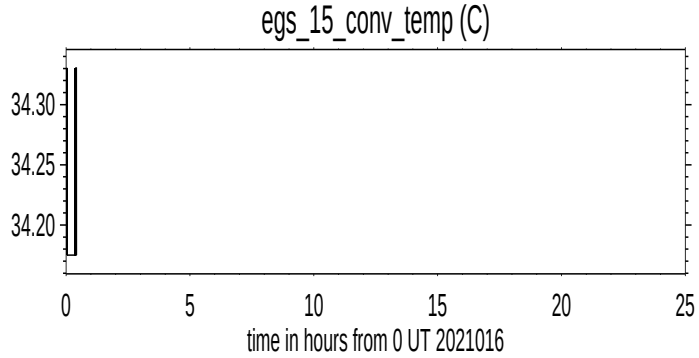
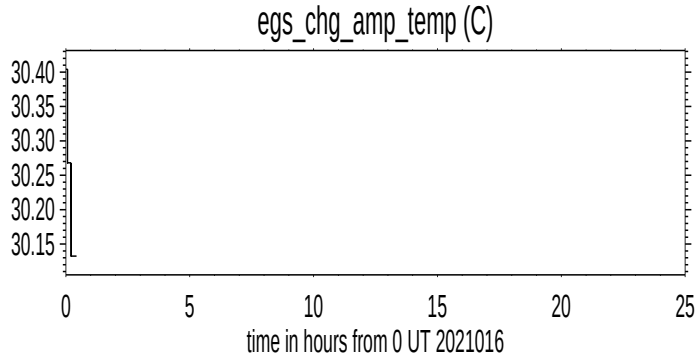
27.80
27.75
27.70
27.65
0
5
10
15
20
25
time in hours from 0 UT 2021016


egs_slit_temp (C)
29.30
29.25
29.20
0
5
10
15
20
25
time in hours from 0 UT 2021016


egs_15_conv_temp (C)
34.30
34.25
34.20
0
5
10
15
20
25
time in hours from 0 UT 2021016


egs_chg_amp_temp (C)
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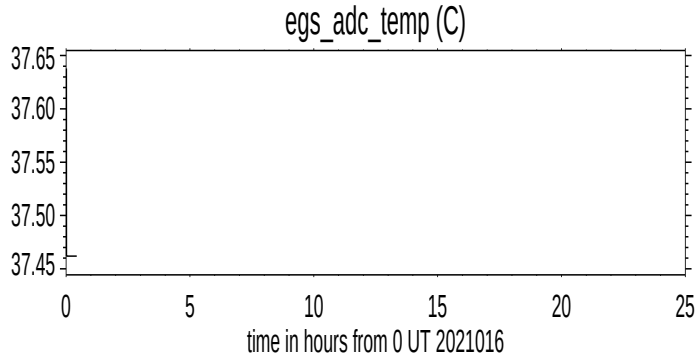
30.30
30.25
30.20
30.15
0
5
10
15
20
25
time in hours from 0 UT 2021016


egs_adc_temp (C)
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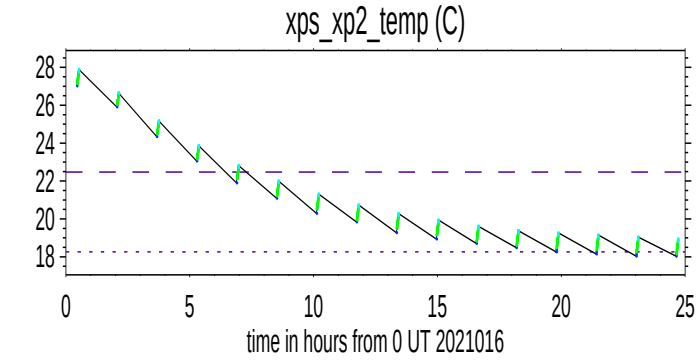
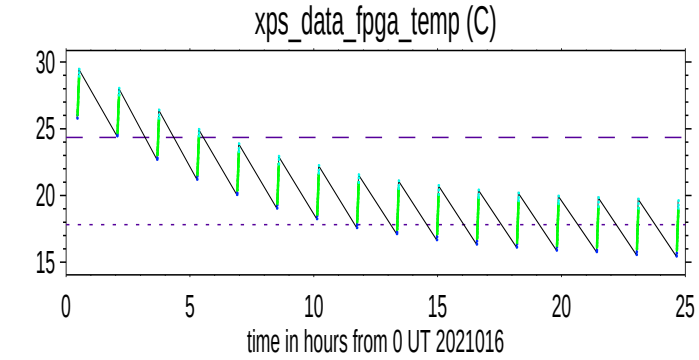
37.60
37.55
37.50
37.45
0
5
10
15
20
25
time in hours from 0 UT 2021016


xps_xp2_temp (C)
28
26
24
22
20
18
0
5
10
15
20
25
time in hours from 0 UT 2021016


xps_data_fpga_temp (C)
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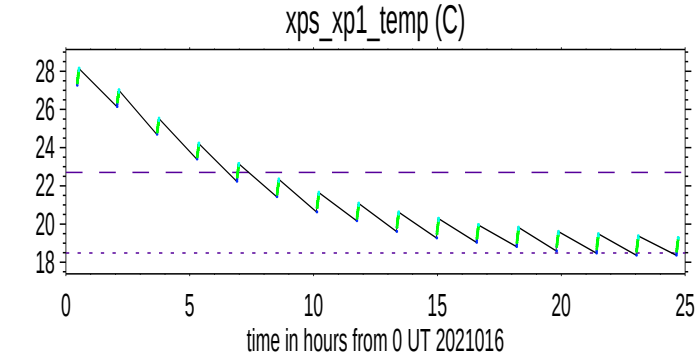
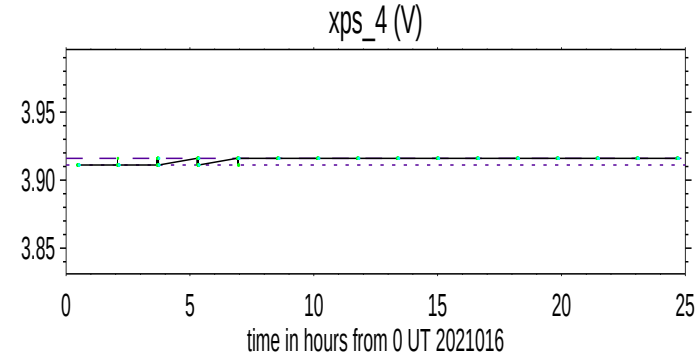
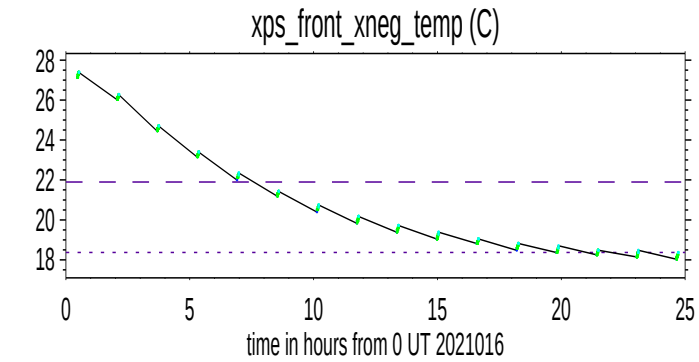
25
20
15
0
5
10
15
20
25
time in hours from 0 UT 2021016


xps_xp1_temp (C)
28
26
24
22
20
18
0
5
10
15
20
25
time in hours from 0 UT 2021016


xps_4 (V)
3.95
3.90
3.85
0
5
10
15
20
25
time in hours from 0 UT 2021016


xps_front_xneg_temp (C)
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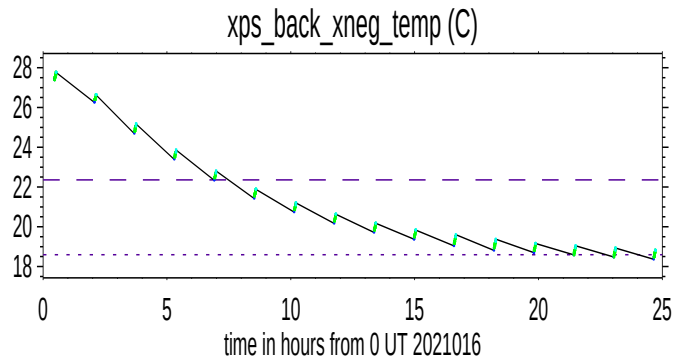
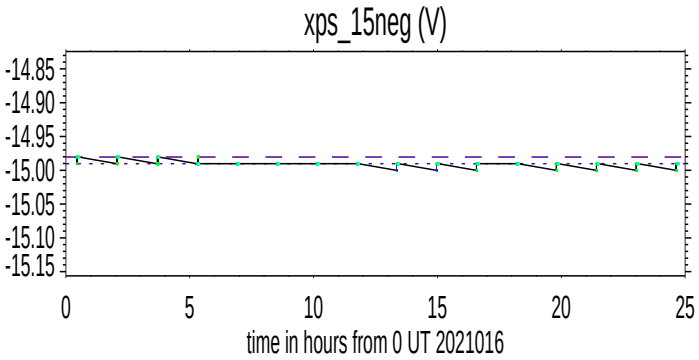
26
24
22
20
18
0
5
10
15
20
25
time in hours from 0 UT 2021016


xps_back_xneg_temp (C)
28
26
24
22
20
18
0
5
10
15
20
25
time in hours from 0 UT 2021016


xps_15neg (V)
-14.85
-14.90
-14.95
-15.00
-15.05
-15.10
-15.15
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5
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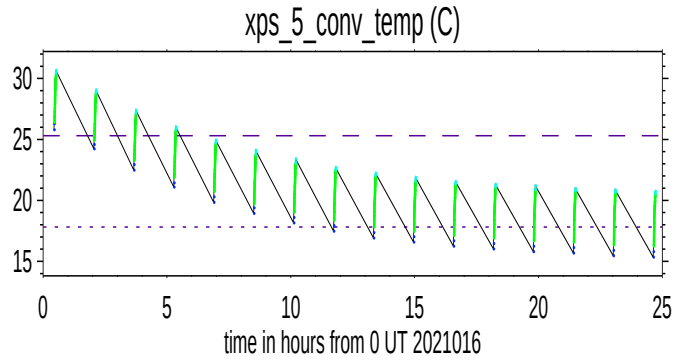
15
20
25
time in hours from 0 UT 2021016


xps_5_conv_temp (C)
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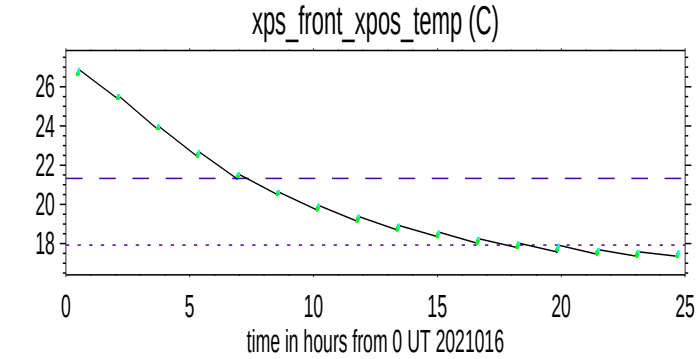
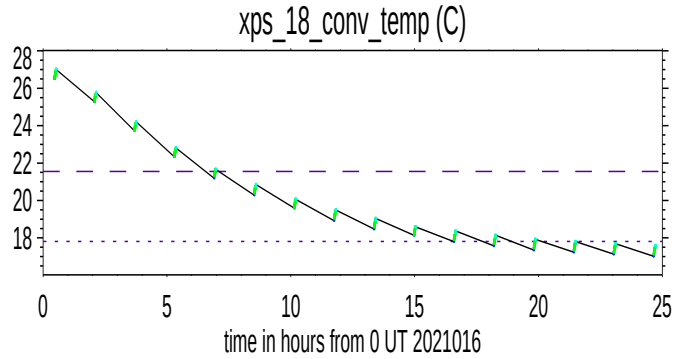
25
20
15
0
5
10
15
20
25
time in hours from 0 UT 2021016


xps_front_xpos_temp (C)
26
24
22
20
18
0
5
10
15
20
25
time in hours from 0 UT 2021016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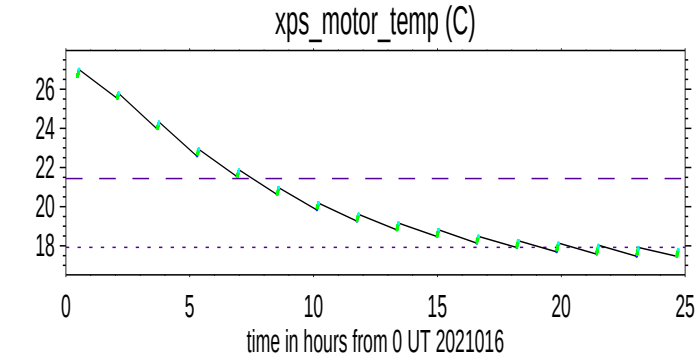
28
26
24
22
20
18
0
5
10
15
20
25
time in hours from 0 UT 2021016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26
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22
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10
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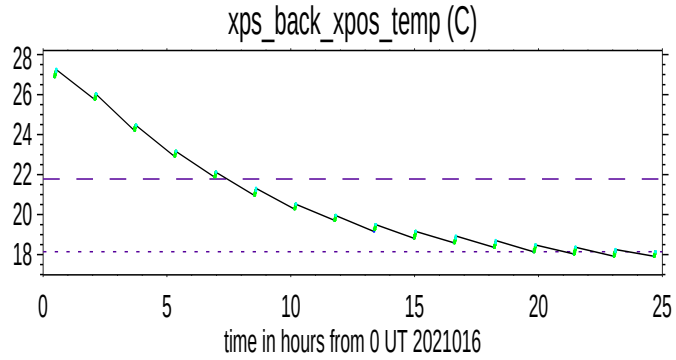
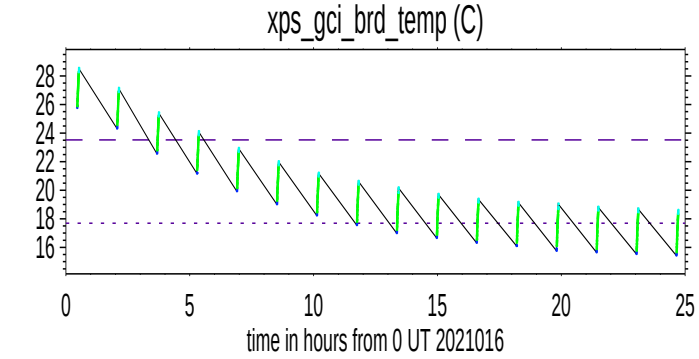
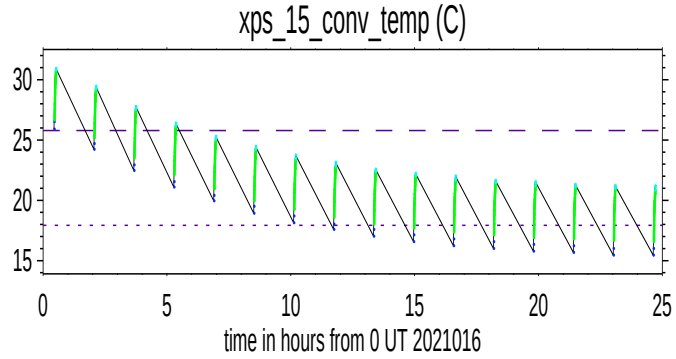
25
time in hours from 0 UT 2021016


xps_back_xpos_temp (C)
28
26
24
22
20
18
0
5
10
15
20
25
time in hours from 0 UT 2021016


xps_gci_brd_temp (C)
28
26
24
22
20
18
16
0
5
10
15
20
25
time in hours from 0 UT 2021016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15
0
5
10
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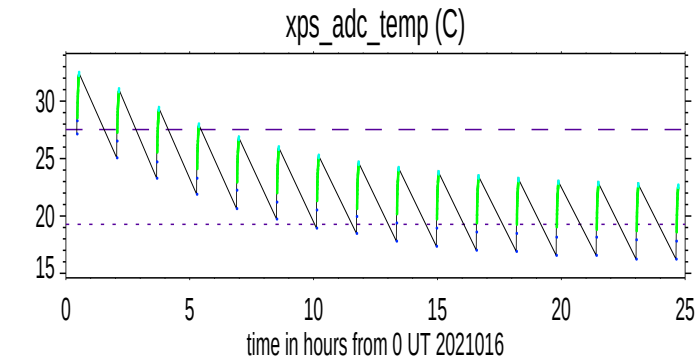
20
25
time in hours from 0 UT 2021016


xps_adc_temp (C)
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25
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0
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10
15
20
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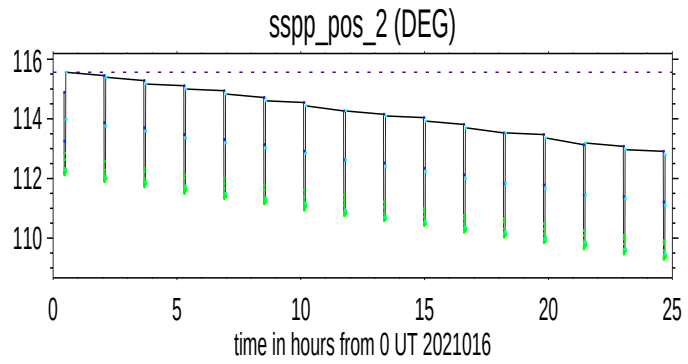
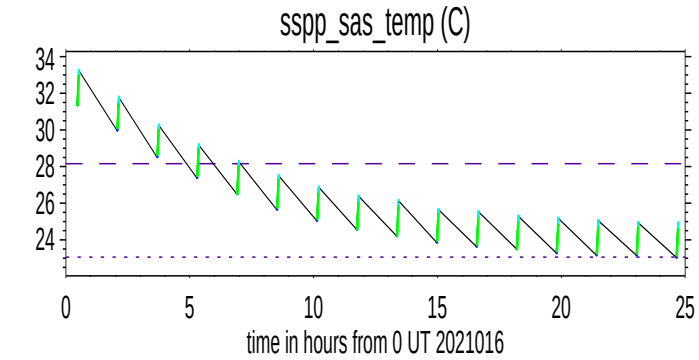
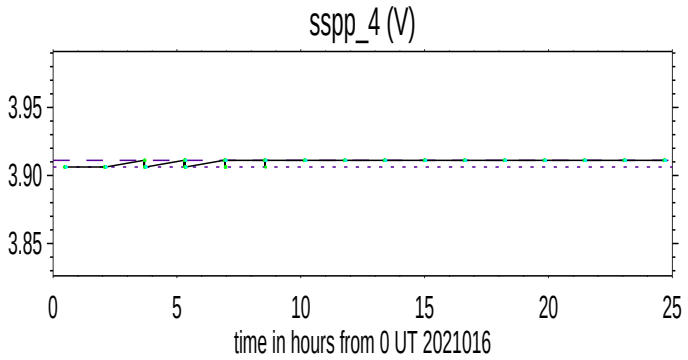
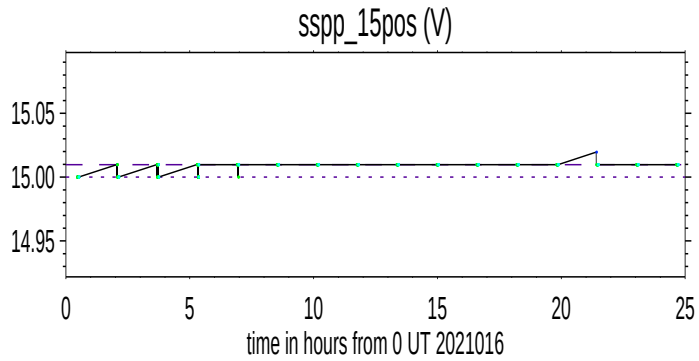
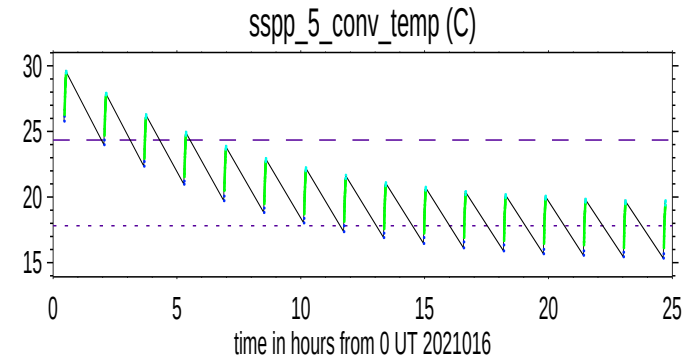
time in hours from 0 UT 2021016

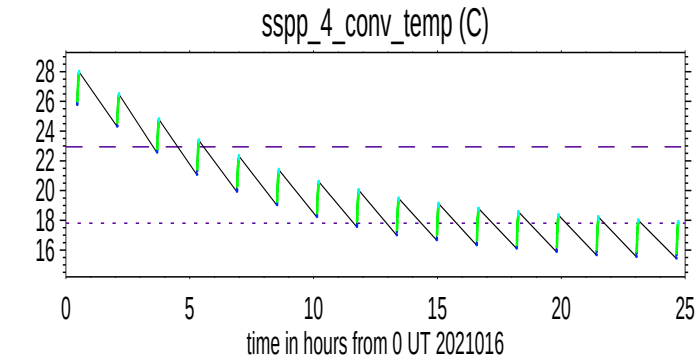

sspp_pos_2 (DEG)
116
114
112
110
0
5
10
15
20
25
time in hours from 0 UT 2021016

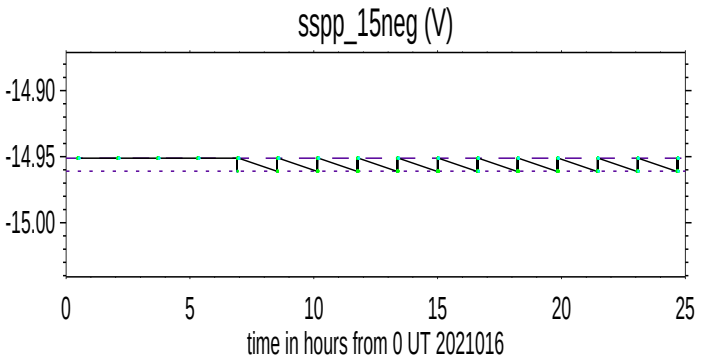

sspp_sas_temp (C)
34
32
30
28
26
24
0
5
10
15
20
25
time in hours from 0 UT 2021016

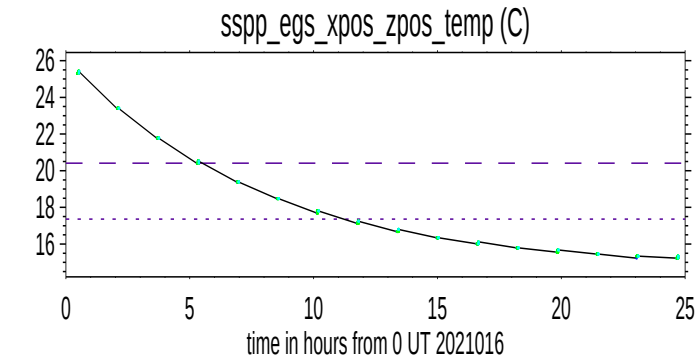

sspp_4 (V)
3.95
3.90
3.85
0
5
10
15
20
25
time in hours from 0 UT 2021016

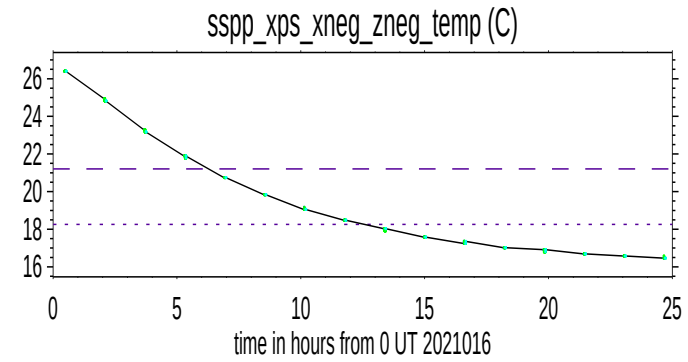

sspp_15pos (V)
15.05
15.00
14.95
0
5
10
15
20
25
time in hours from 0 UT 2021016

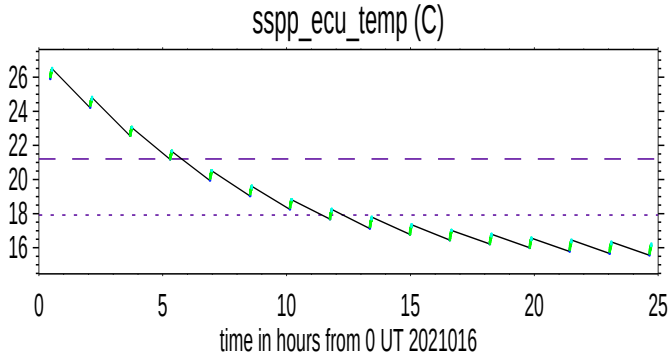

sspp_5_conv_temp (C)
30
25
20
15
0
5
10
15
20
25
time in hours from 0 UT 2021016

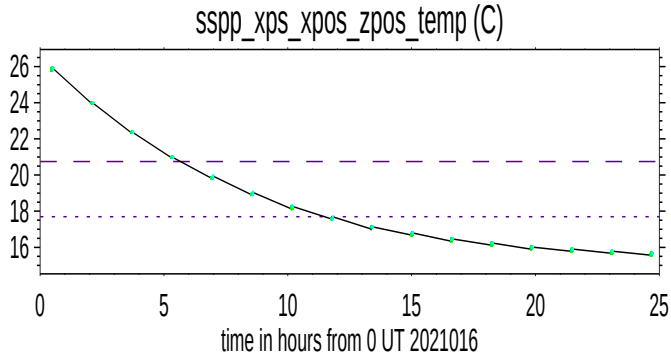

sspp_4_conv_temp (C)
28
26
24
22
20
18
16
0
5
10
15
20
25
time in hours from 0 UT 2021016

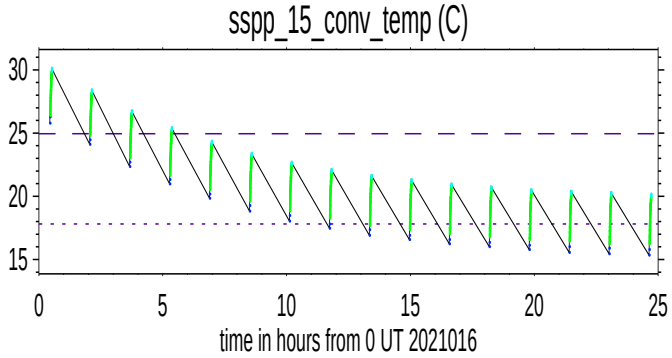

sspp_15neg (V)
-14.90
-14.95
-15.00
0
5
10
15
20
25
time in hours from 0 UT 2021016

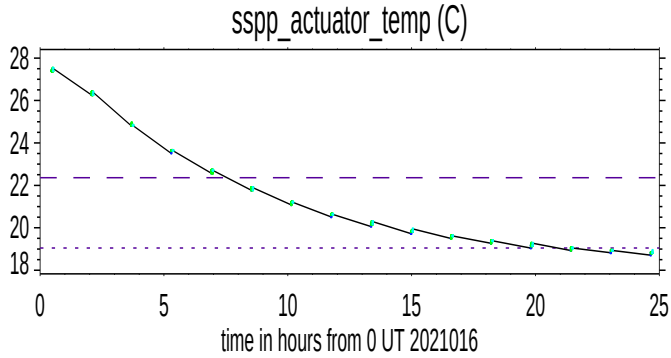

sspp_egs_xpos_zpos_temp (C)
26
24
22
20
18
16
0
5
10
15
20
25
time in hours from 0 UT 2021016

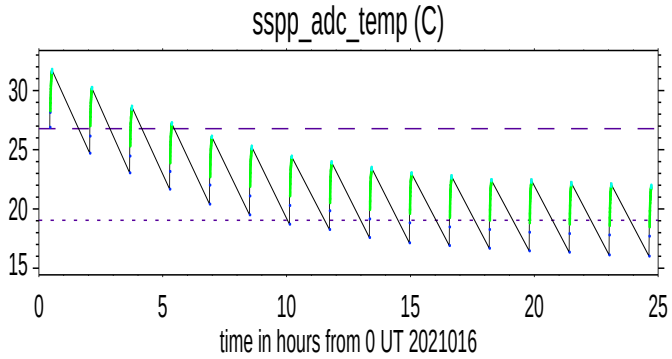

sspp_xps_xneg_zneg_temp (C)
26
24
22
20
18
16
0
5
10
15
20
25
time in hours from 0 UT 2021016

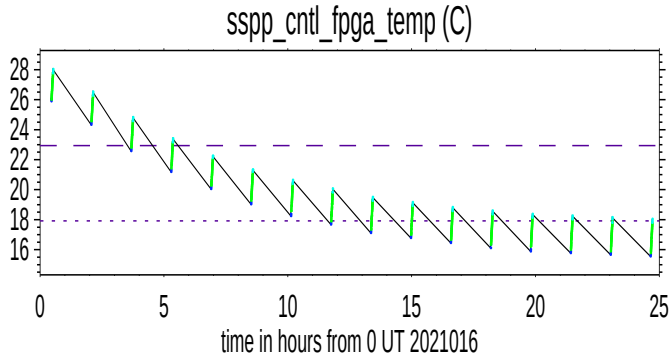

sspp_ecu_temp (C)
26
24
22
20
18
16
0
5
10
15
20
25
time in hours from 0 UT 2021016

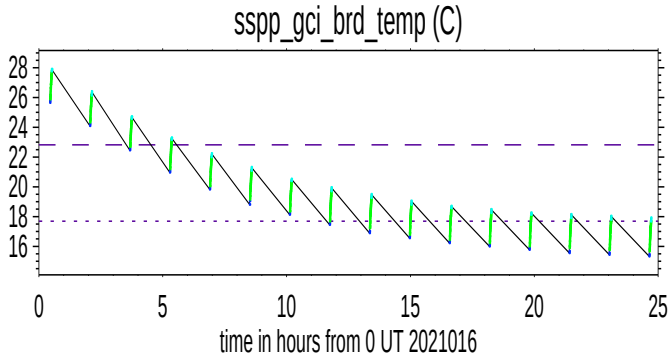

sspp_xps_xpos_zpos_temp (C)
26
24
22
20
18
16
0
5
10
15
20
25
time in hours from 0 UT 2021016

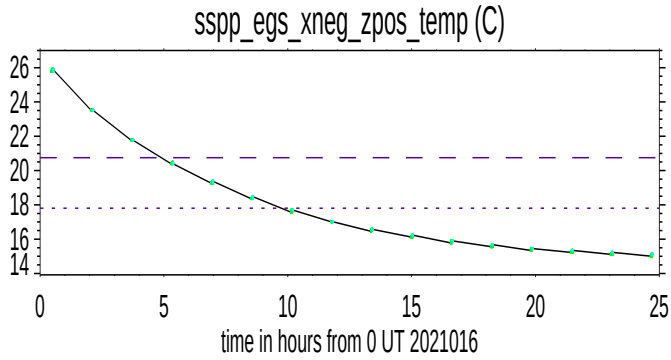

sspp_15_conv_temp (C)
30
25
20
15
0
5
10
15
20
25
time in hours from 0 UT 2021016

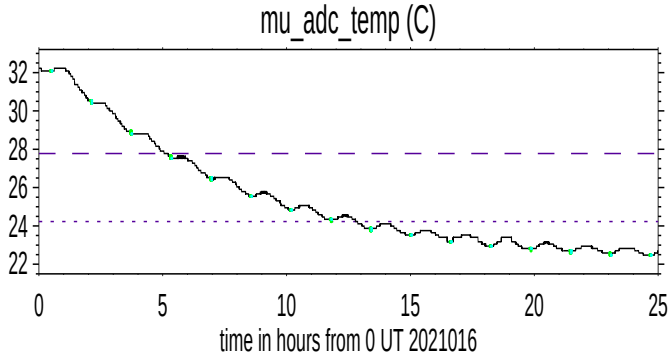

sspp_actuator_temp (C)
28
26
24
22
20
18
0
5
10
15
20
25
time in hours from 0 UT 2021016

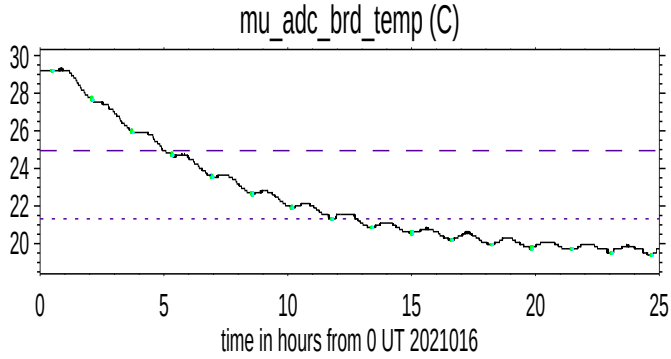

sspp_adc_temp (C)
30
25
20
15
0
5
10
15
20
25
time in hours from 0 UT 2021016

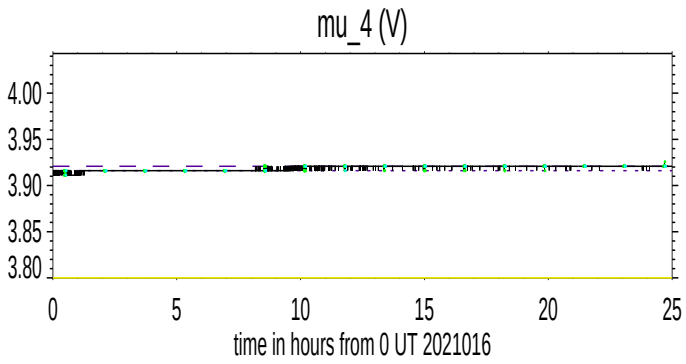

sspp_cntl_fpga_temp (C)
28
26
24
22
20
18
16
0
5
10
15
20
25
time in hours from 0 UT 2021016

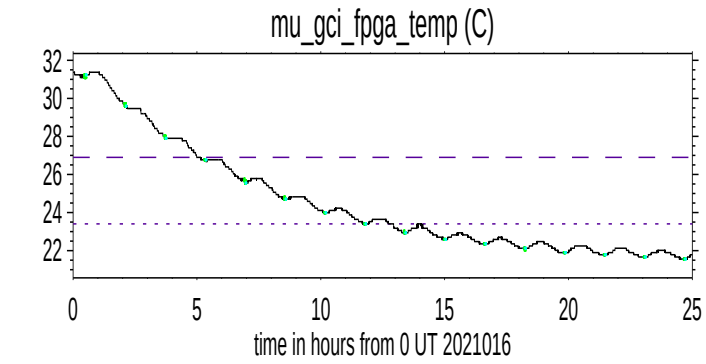

sspp_gci_brd_temp (C)
28
26
24
22
20
18
16
0
5
10
15
20
25
time in hours from 0 UT 2021016

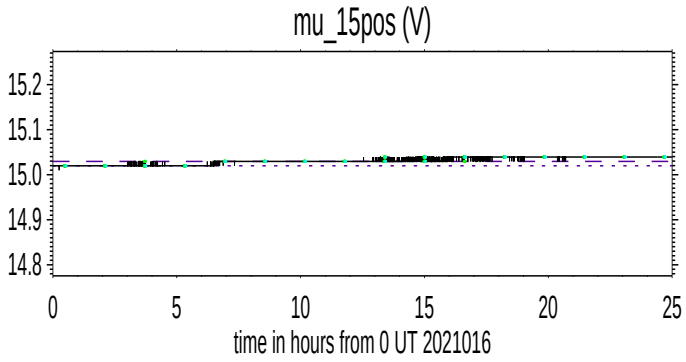

sspp_egs_xneg_zpos_temp (C)
26
24
22
20
18
16
14
0
5
10
15
20
25
time in hours from 0 UT 2021016

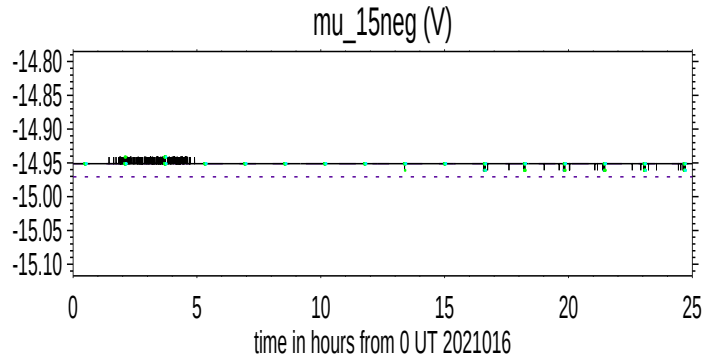

mu_adc_temp (C)
32
30
28
26
24
22
0
5
10
15
20
25
time in hours from 0 UT 2021016

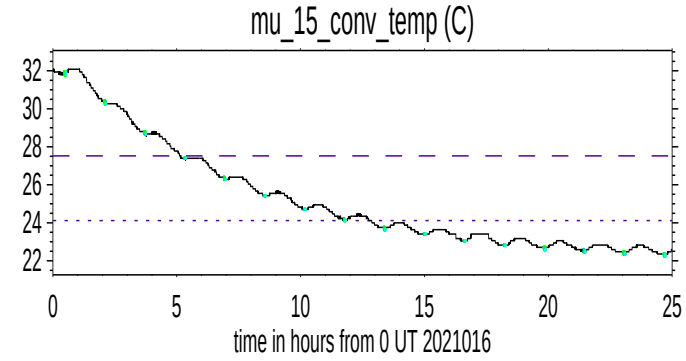

mu_adc_brd_temp (C)
30
28
26
24
22
20
0
5
10
15
20
25
time in hours from 0 UT 2021016

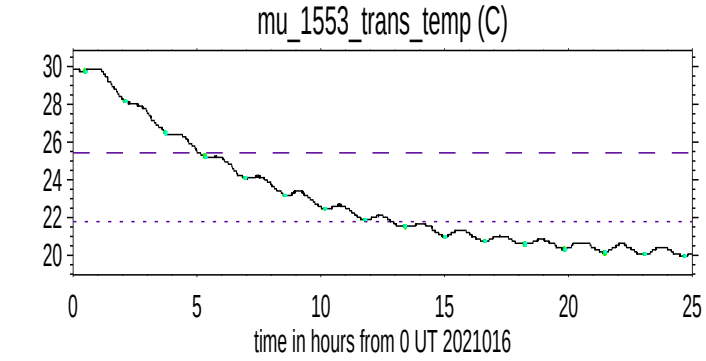

mu_4 (V)
4.00
3.95
3.90
3.85
3.80
0
5
10
15
20
25
time in hours from 0 UT 2021016

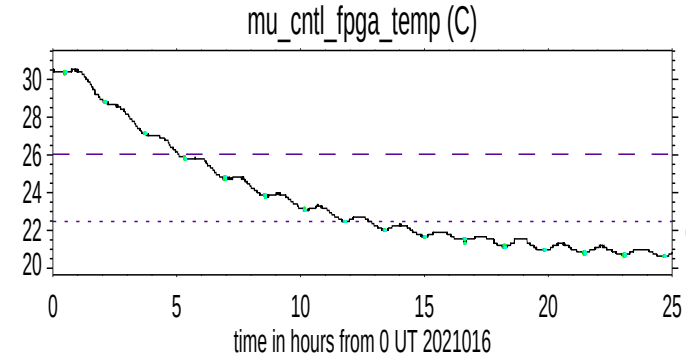

mu_gci_fpga_temp (C)
32
30
28
26
24
22
0
5
10
15
20
25
time in hours from 0 UT 2021016

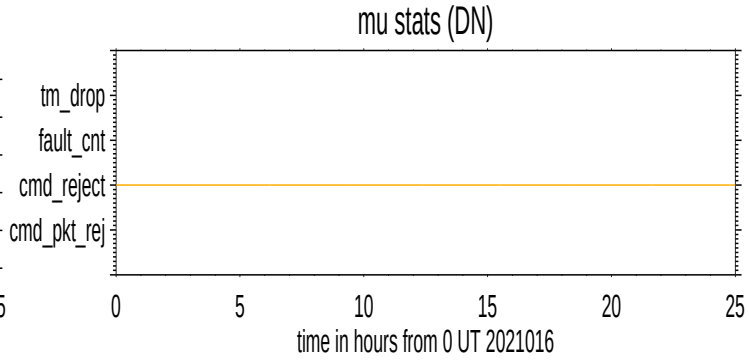

mu_15pos (V)
15.2
15.1
15.0
14.9
14.8
0
5
10
15
20
25
time in hours from 0 UT 2021016

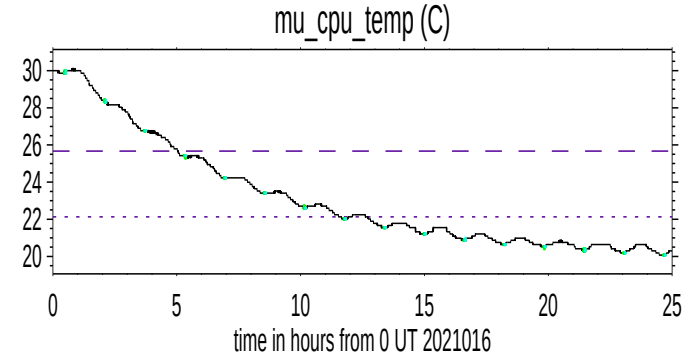

mu_15neg (V)
-14.80
-14.85
-14.90
-14.95
-15.00
-15.05
-15.10
0
5
10
15
20
25
time in hours from 0 UT 2021016

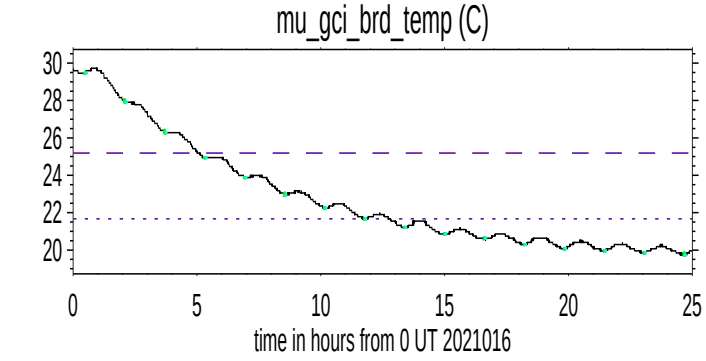

mu_15_conv_temp (C)
32
30
28
26
24
22
0
5
10
15
20
25
time in hours from 0 UT 2021016

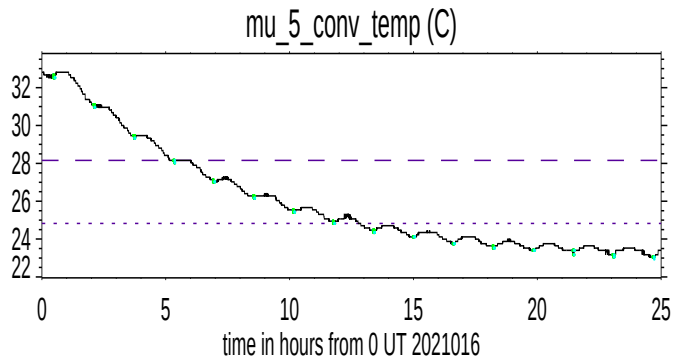

mu_1553_trans_temp (C)
30
28
26
24
22
20
0
5
10
15
20
25
time in hours from 0 UT 2021016

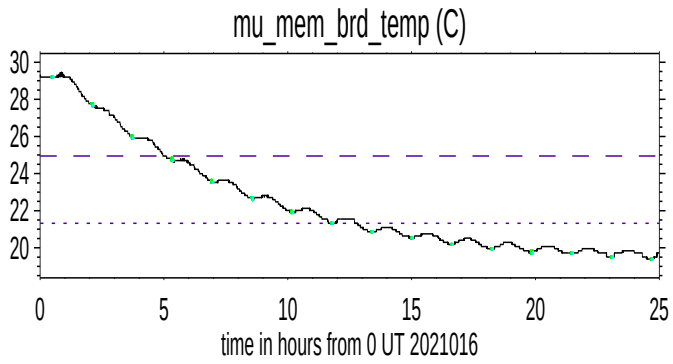

mu_cntl_fpga_temp (C)
30
28
26
24
22
20
0
5
10
15
20
25
time in hours from 0 UT 2021016

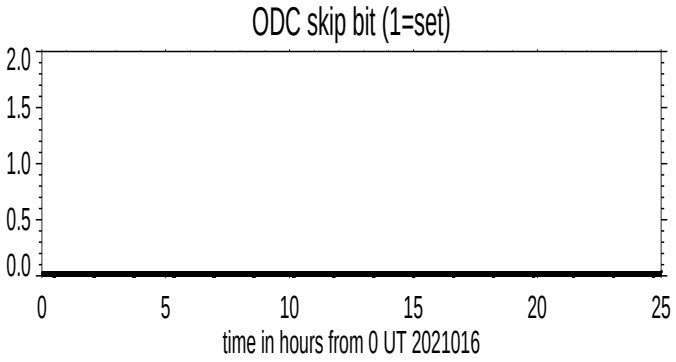

mu stats (DN)
tm_drop
fault_cnt
cmd_reject
cmd_pkt_rej
0
5
10
15
20
25
time in hours from 0 UT 2021016

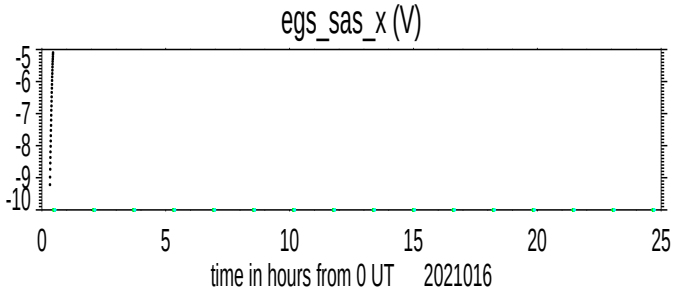

mu_cpu_temp (C)
30
28
26
24
22
20
0
5
10
15
20
25
time in hours from 0 UT 2021016

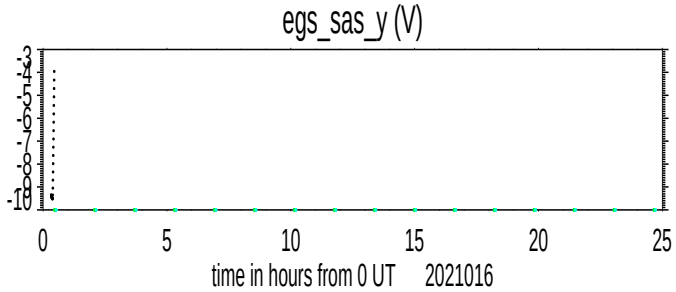

mu_gci_brd_temp (C)
30
28
26
24
22
20
0
5
10
15
20
25
time in hours from 0 UT 2021016

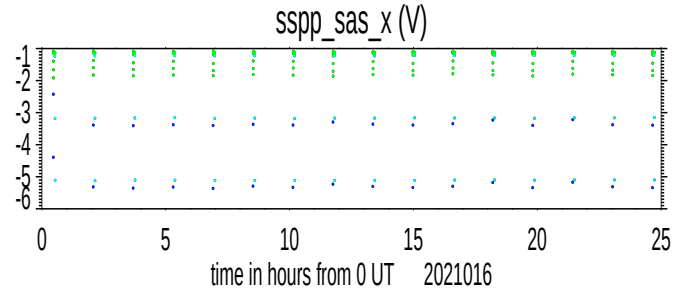

mu_5_conv_temp (C)
32
30
28
26
24
22
0
5
10
15
20
25
time in hours from 0 UT 2021016

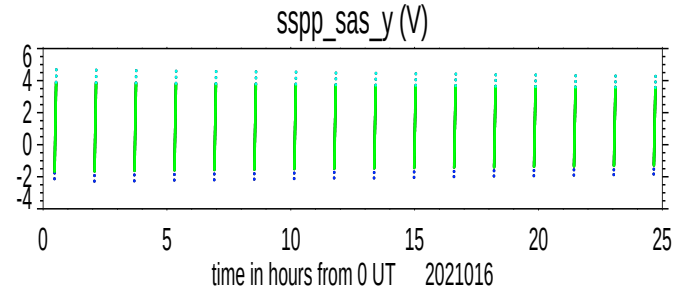

mu_mem_brd_temp (C)
30
28
26
24
22
20
0
5
10
15
20
25
time in hours from 0 UT 2021016

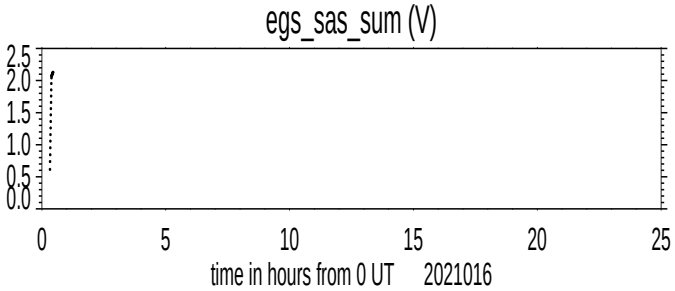

ODC skip bit (1=set)
2.0
1.5
1.0
0.5
0.0
0
5
10
15
20
25
time in hours from 0 UT 2021016

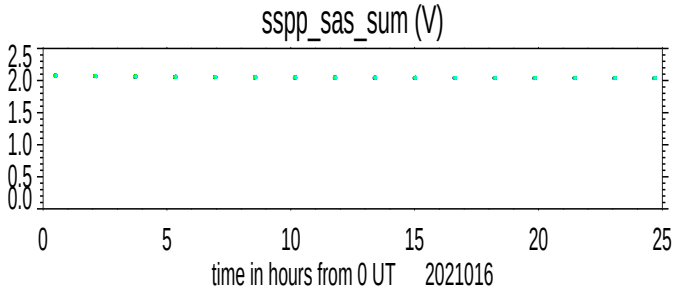

egs_sas_x (V)
time in hours from 0 UT 2021016

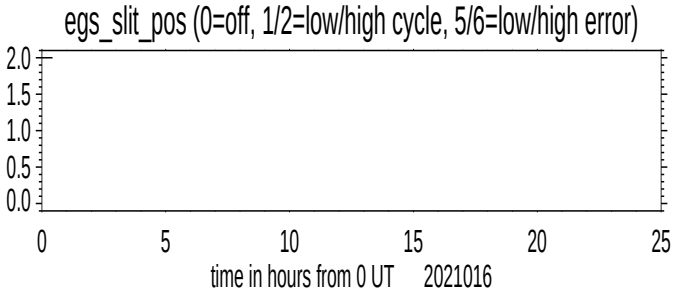

egs_sas_y (V)
time in hours from 0 UT 2021016

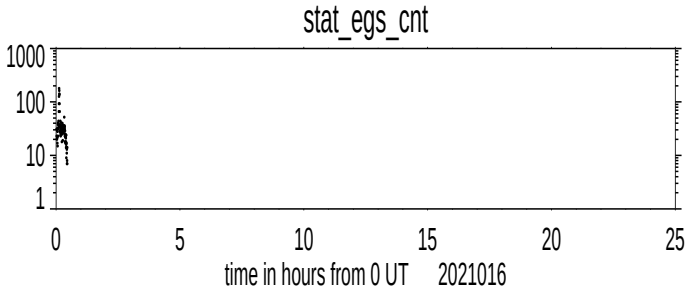

sspp_sas_x (V)
time in hours from 0 UT 2021016

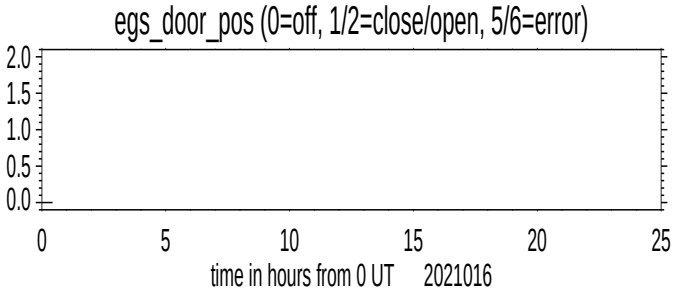

sspp_sas_y (V)
time in hours from 0 UT 2021016

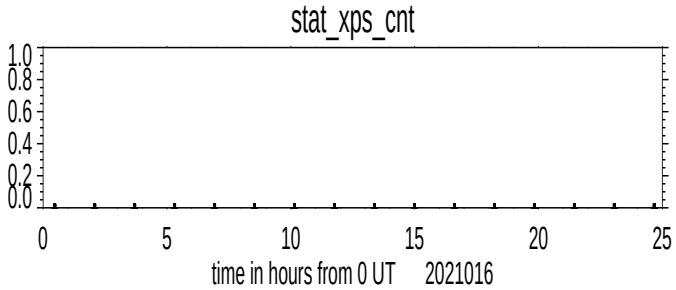

egs_sas_sum (V)
time in hours from 0 UT 2021016

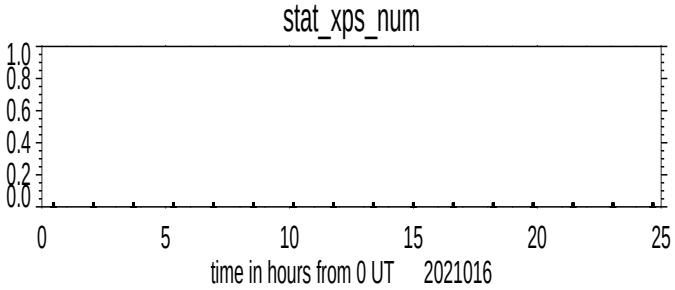

sspp_sas_sum (V)
time in hours from 0 UT 2021016

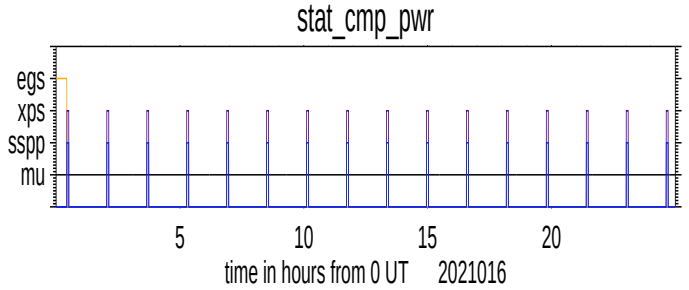

egs_slit_pos (0=off, 1/2=low/high cycle, 5/6=low/high error)
time in hours from 0 UT 2021016


stat_egs_cnt
time in hours from 0 UT 2021016

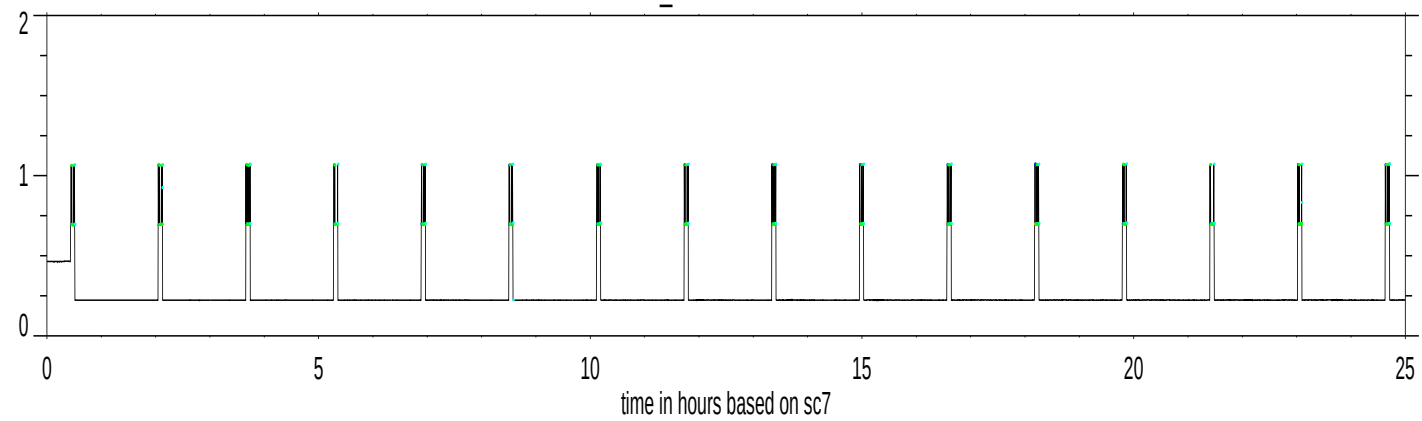

egs_door_pos (0=off, 1/2=close/open, 5/6=error)
time in hours from 0 UT 2021016


stat_xps_cnt
time in hours from 0 UT 2021016

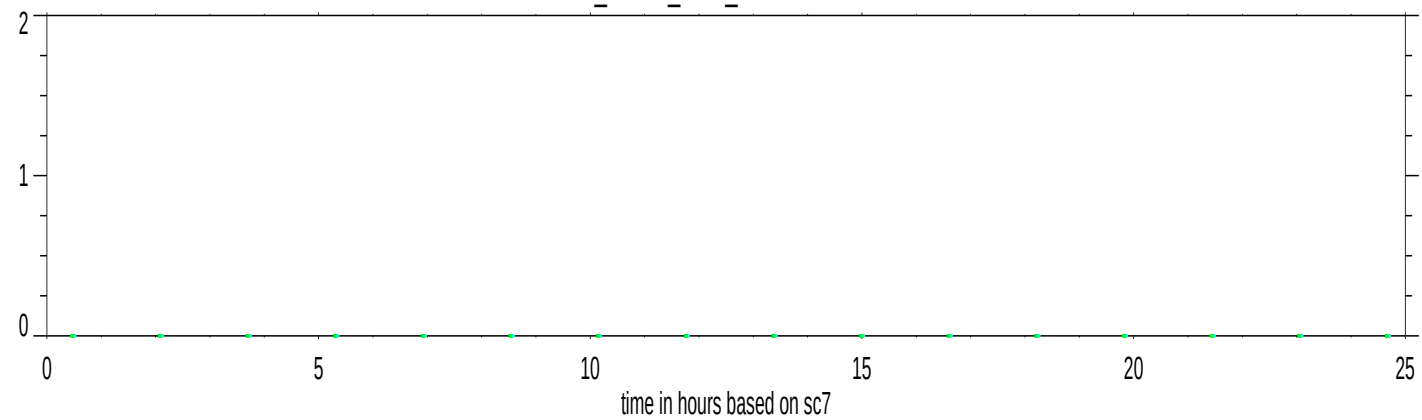

stat_xps_num
time in hours from 0 UT 2021016


stat_cmp_pwr
egs
xps
sspp
mu
time in hours from 0 UT 2021016

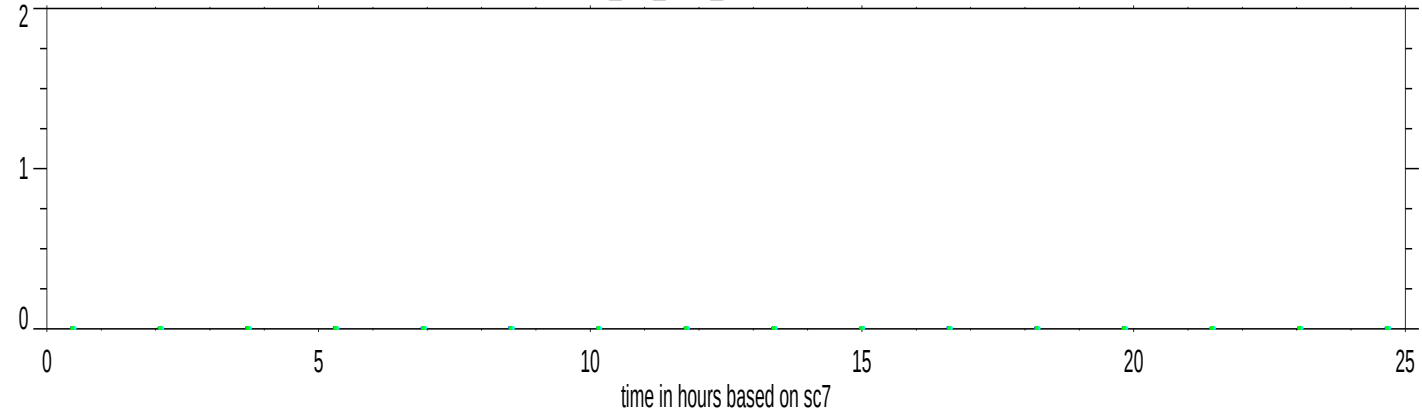
SEE_CUR 2021016



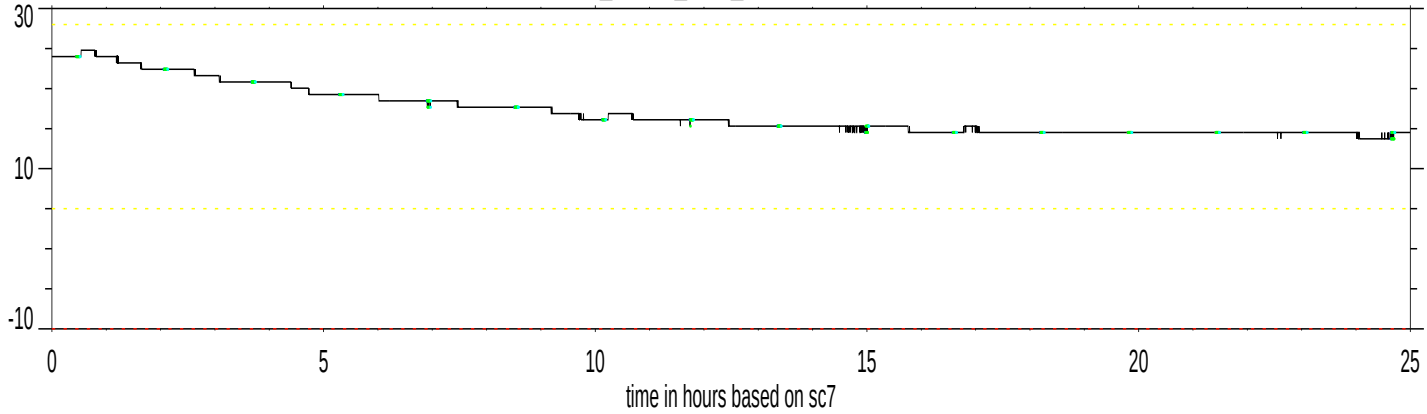
SEE_SURV_HTR_CUR 2021016



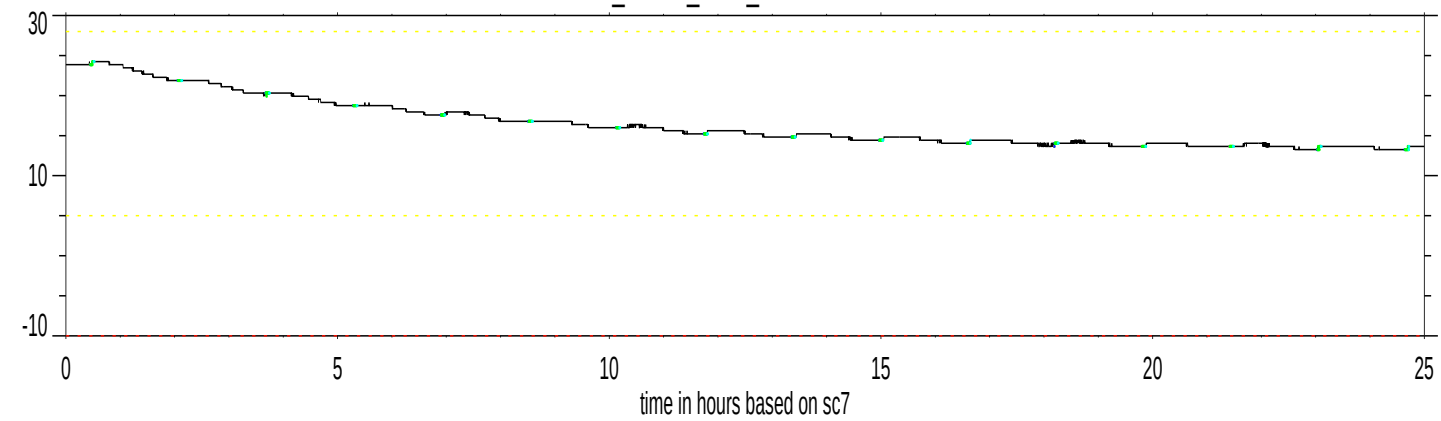
SEE_OP_HTR_CUR 2021016



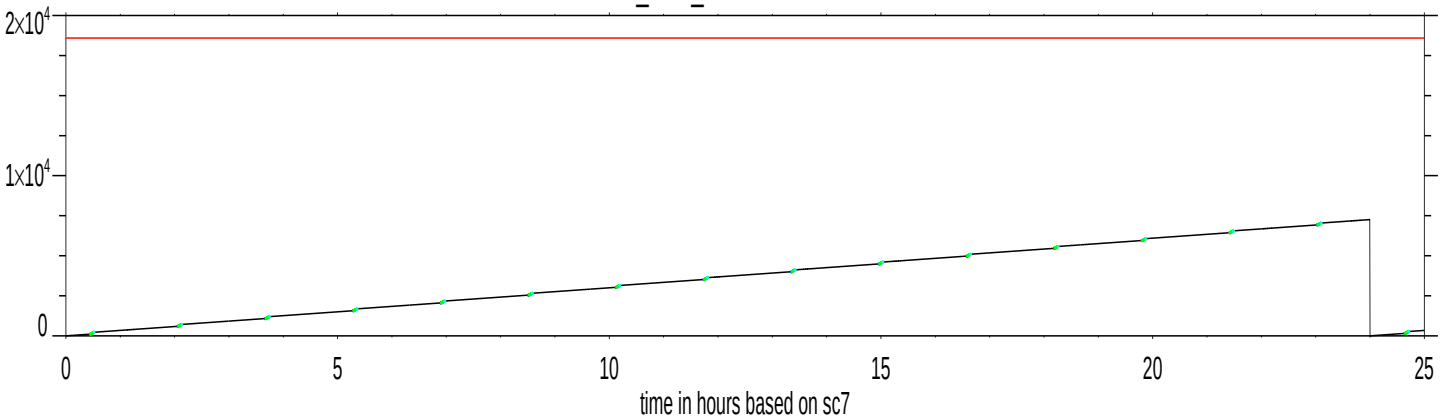
SSPP_BHND_XPS_TEMP 2021016



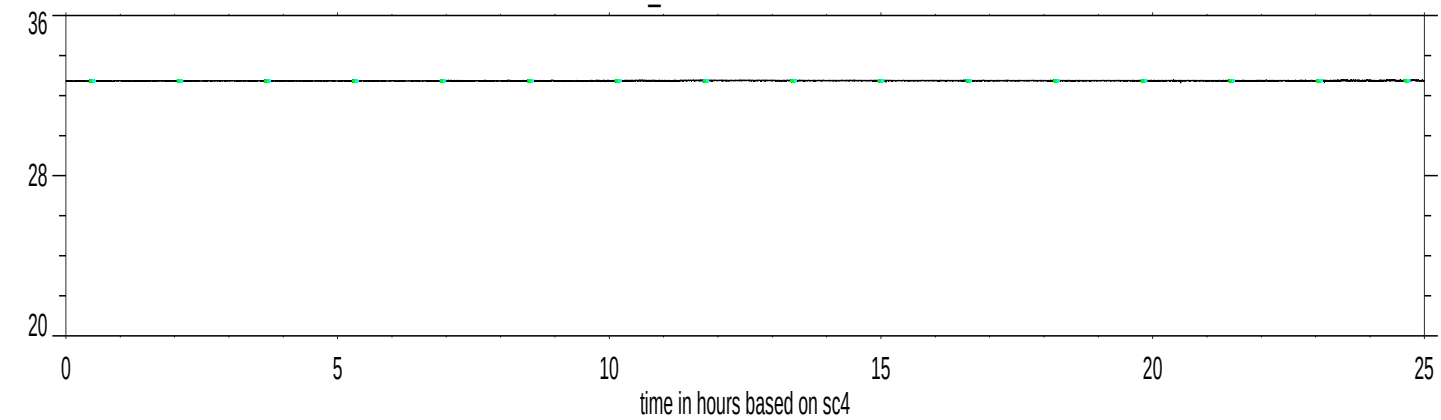
SSPP_BHND_MTR_TEMP 2021016



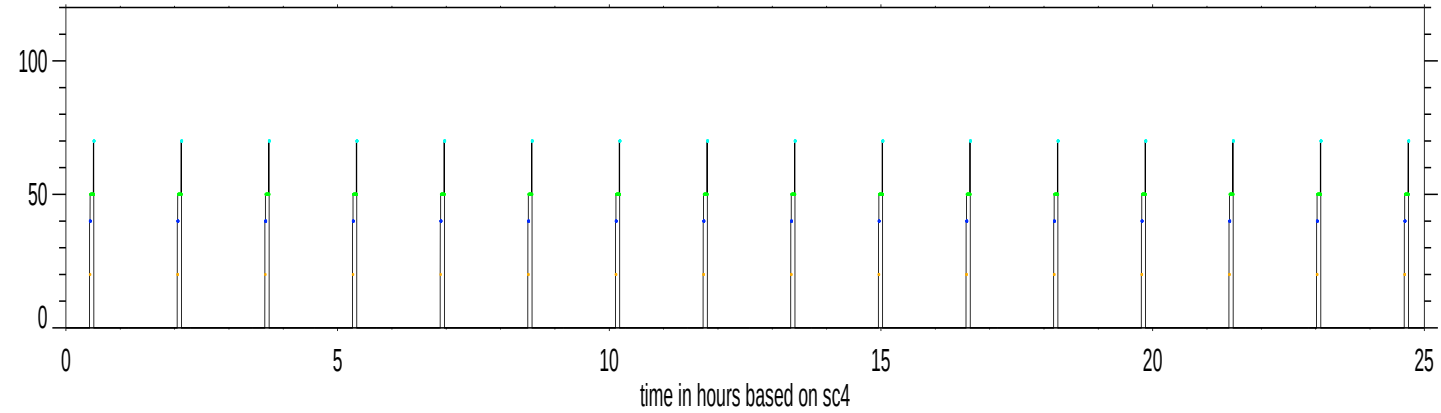
SEE_PKT_COUNT 2021016

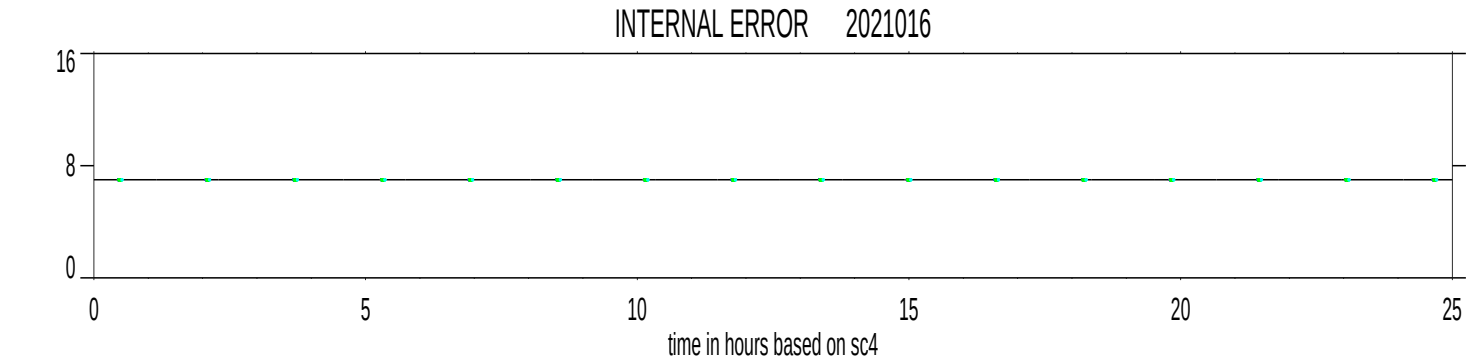


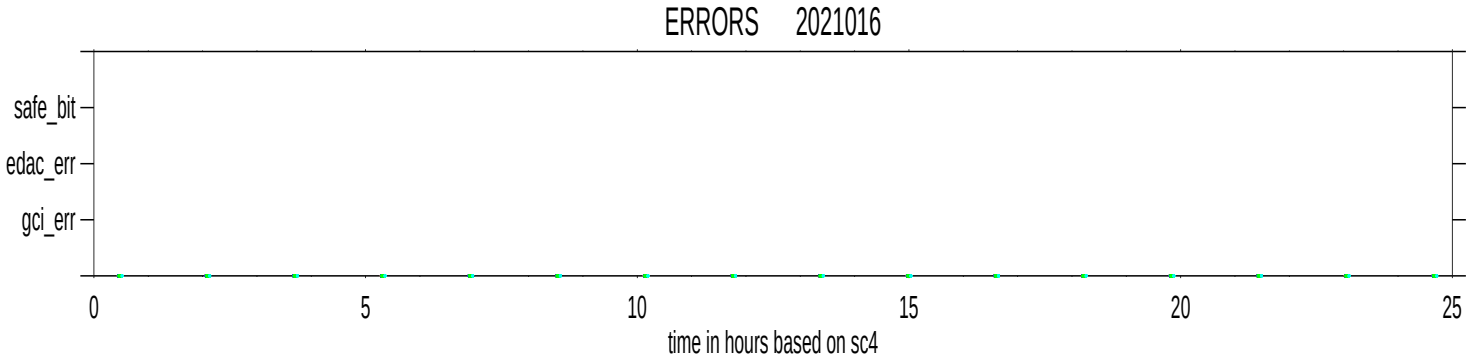
BUS_VOLTAGE 2021016

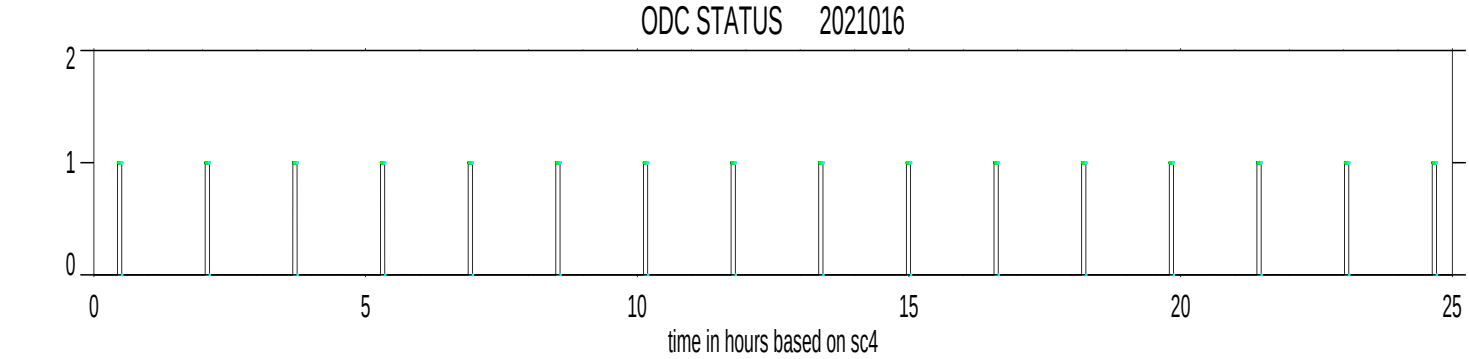


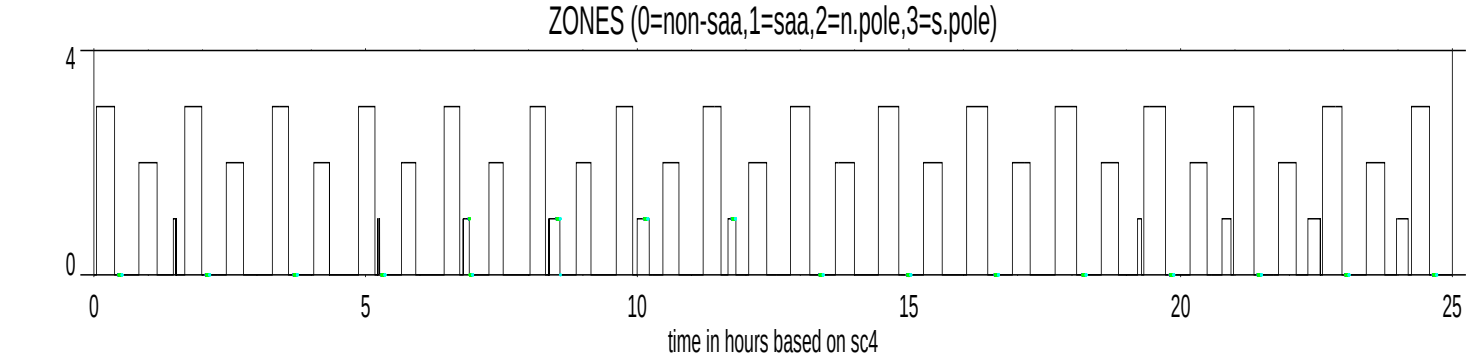
SEE_MU Operational Mode 2021016

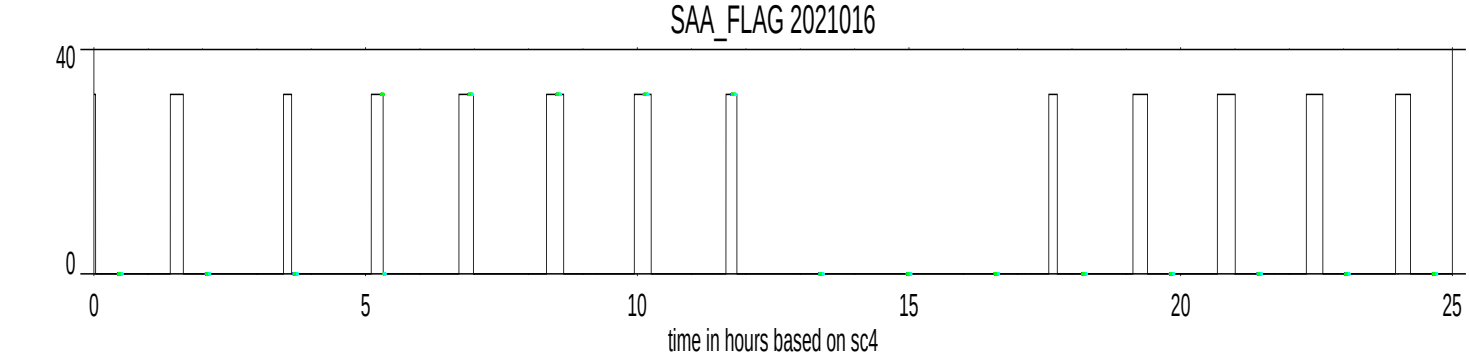


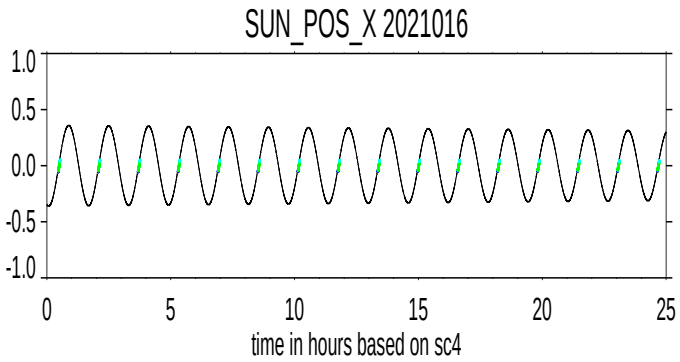

INTERNAL ERROR 2021016
16
8
0
0
5
10
15
20
25
time in hours based on sc4

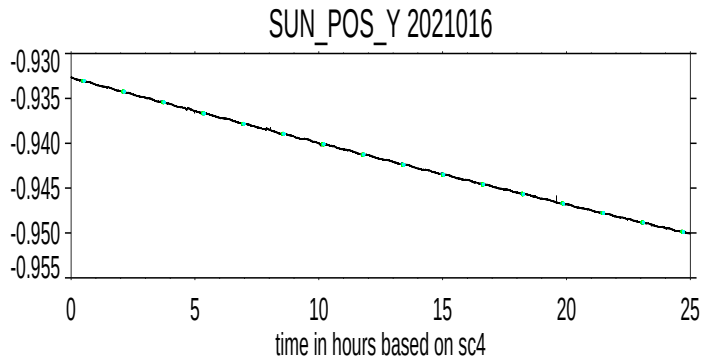

ERRORS 2021016
safe_bit
edac_err
gci_err
0
5
10
15
20
25
time in hours based on sc4

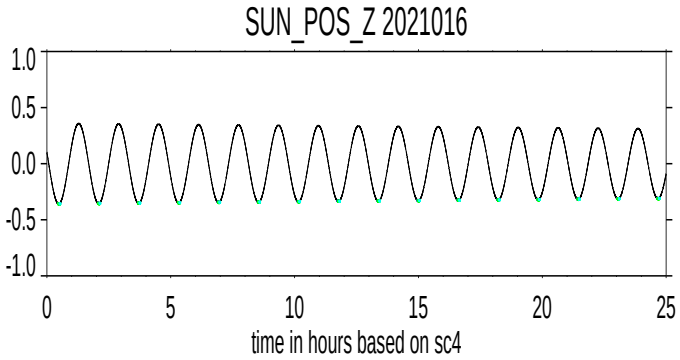

ODC STATUS 2021016
2
1
0
0
5
10
15
20
25
time in hours based on sc4

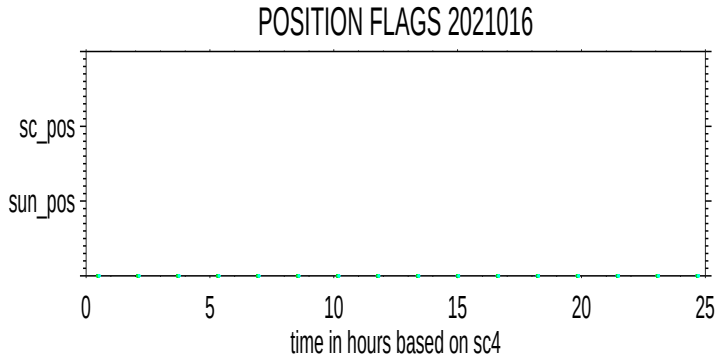

ZONES (0=non-saa,1=saa,2=n.pole,3=s.pole)
4
0
0
5
10
15
20
25
time in hours based on sc4

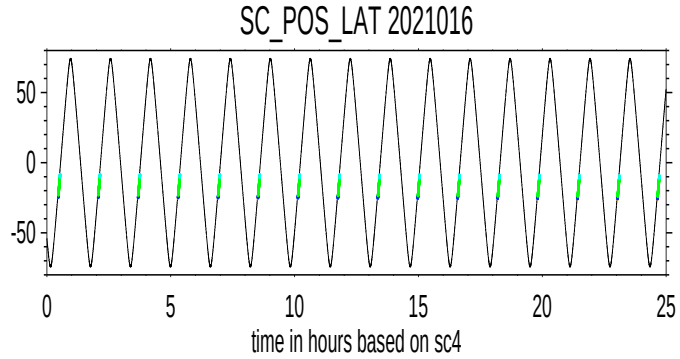

SAA_FLAG 2021016
40
0
0
5
10
15
20
25
time in hours based on sc4

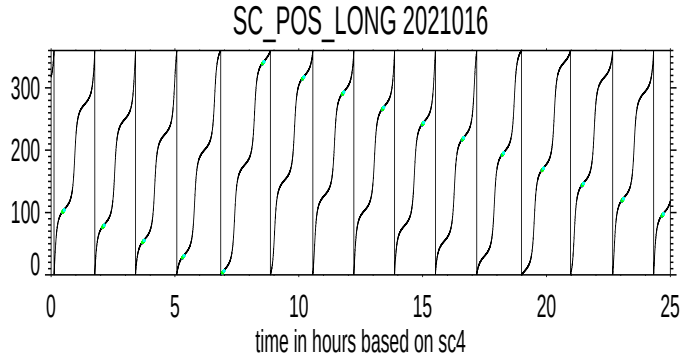

SUN_POS_X 2021016
1.0
0.5
0.0
-0.5
-1.0
0
5
10
15
20
25
time in hours based on sc4

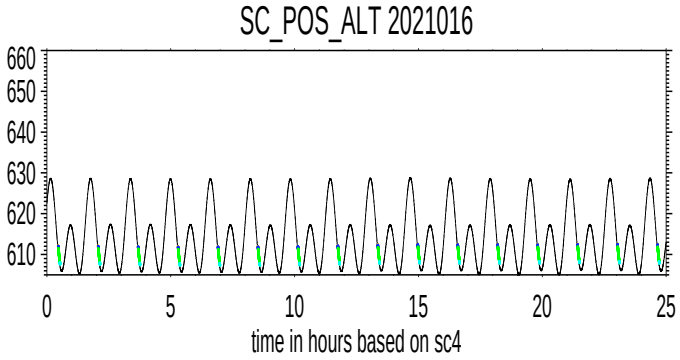

SUN_POS_Y 2021016
-0.930
-0.935
-0.940
-0.945
-0.950
-0.955
0
5
10
15
20
25
time in hours based on sc4

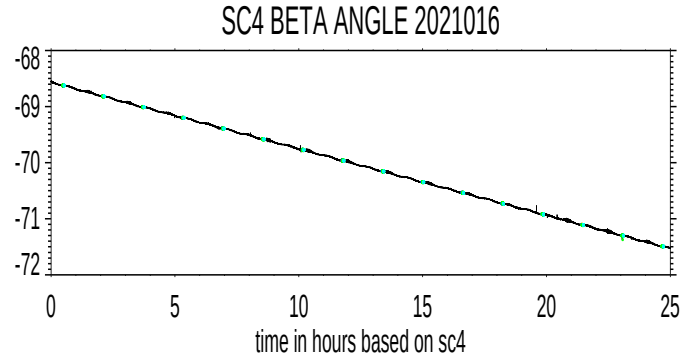

SUN_POS_Z 2021016
1.0
0.5
0.0
-0.5
-1.0
0
5
10
15
20
25
time in hours based on sc4


POSITION FLAGS 2021016
sc_pos
sun_pos
0
5
10
15
20
25
time in hours based on sc4


SC_POS_LAT 2021016
50
0
-50
0
5
10
15
20
25
time in hours based on sc4


SC_POS_LONG 2021016
300
200
100
0
0
5
10
15
20
25
time in hours based on sc4


SC_POS_ALT 2021016
660
650
640
630
620
610
0
5
10
15
20
25
time in hours based on sc4


SC4 BETA ANGLE 2021016
-68
-69
-70
-71
-72
0
5
10
15
20
25
time in hours based on sc4