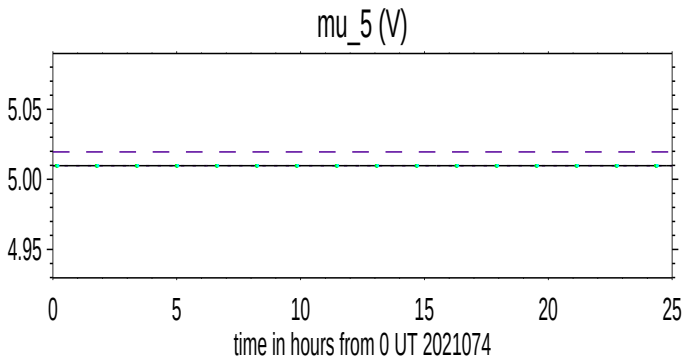
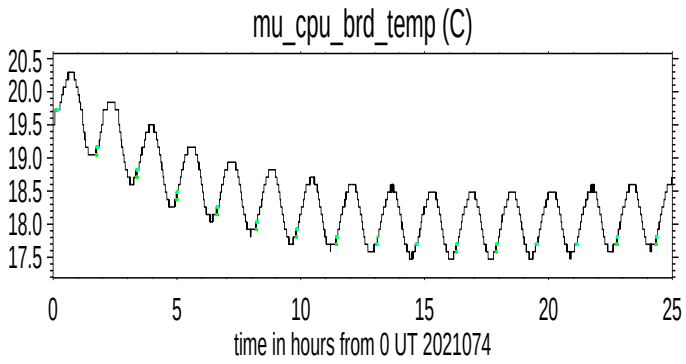
Information for 2021074

/export/timed/data/science_dp/tlm_limit/outoflimit_2021074_012.txt
Fri Mar 19 05:58:37 2021 1

RH OutOfLimit 1299801625 1299891602 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 2021074


mu_cpu_brd_temp (C)
20.5
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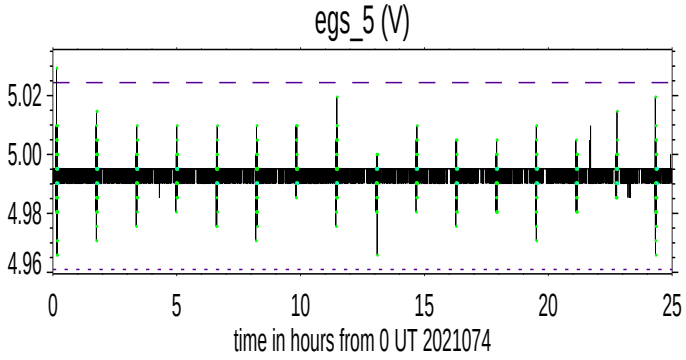
15
20
25
time in hours from 0 UT 2021074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5.02
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10
15
20
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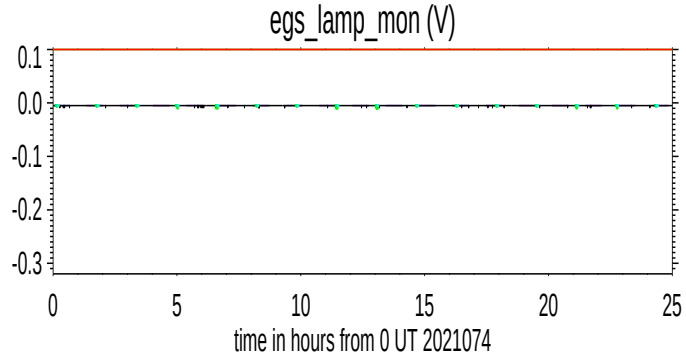
time in hours from 0 UT 2021074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0.0
-0.1
-0.2
-0.3
0
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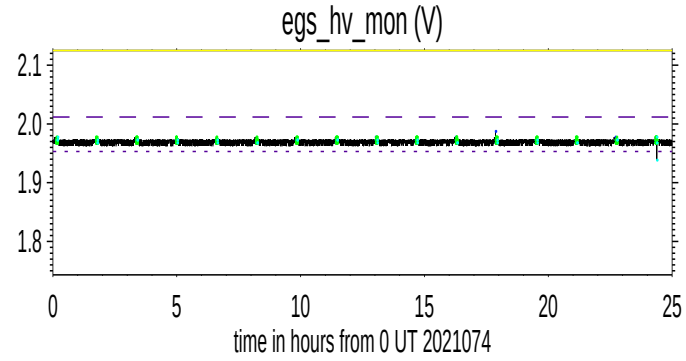
10
15
20
25
time in hours from 0 UT 2021074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1.9
1.8
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15
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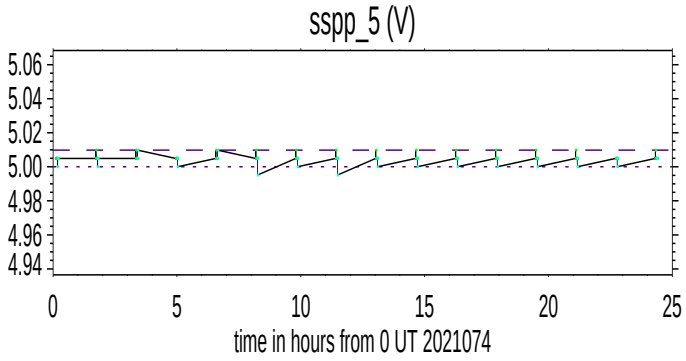
time in hours from 0 UT 2021074


sspp_5 (V)
5.06
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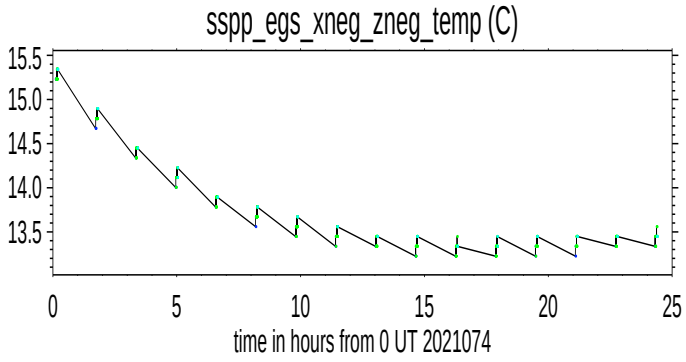
5.00
4.98
4.96
4.94
0
5
10
15
20
25
time in hours from 0 UT 2021074


sspp_egs_xneg_zneg_temp (C)
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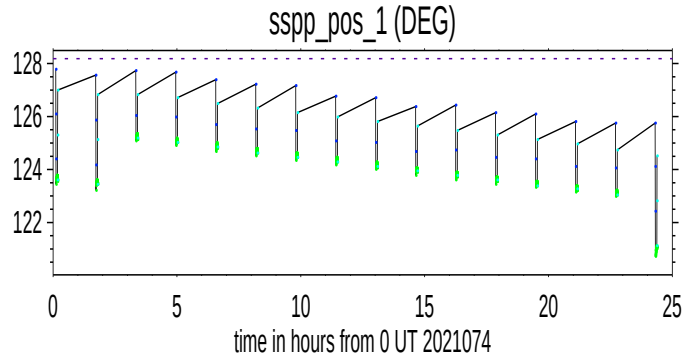
5
10
15
20
25
time in hours from 0 UT 2021074


sspp_pos_1 (DEG)
128
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124
122
0
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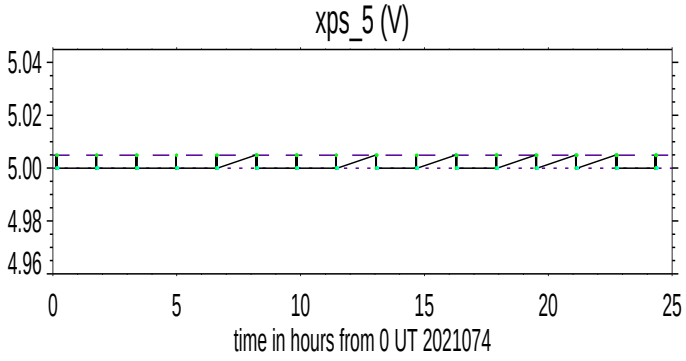
10
15
20
25
time in hours from 0 UT 2021074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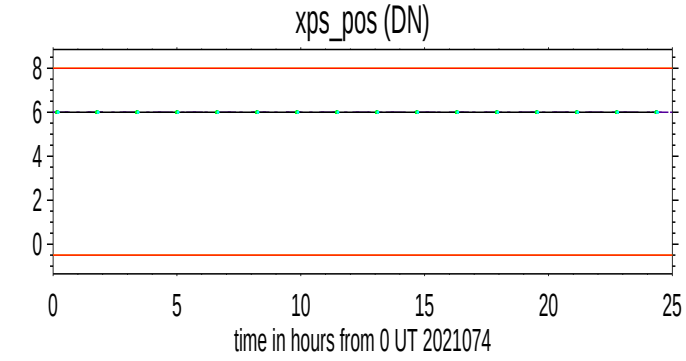
5.00
4.98
4.96
0
5
10
15
20
25
time in hours from 0 UT 2021074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6
4
2
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10
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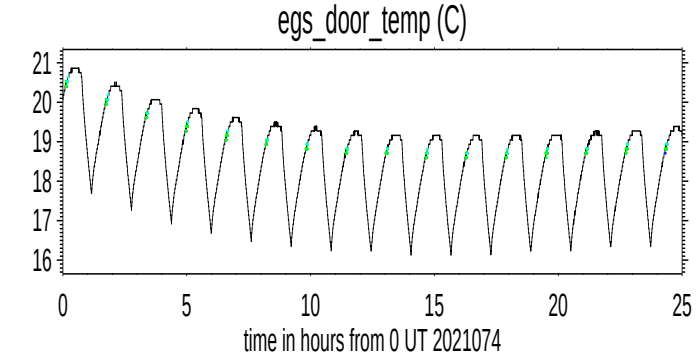
time in hours from 0 UT 2021074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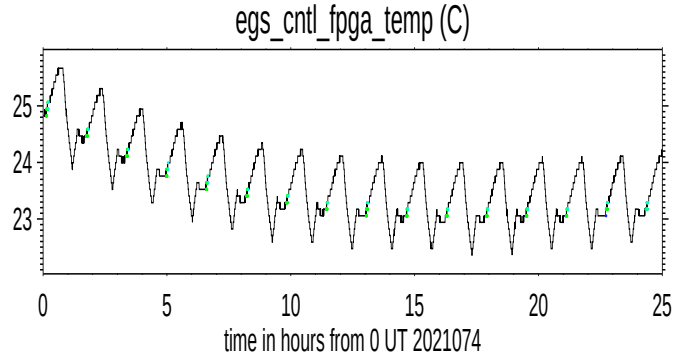
21
20
19
18
17
16
0
5
10
15
20
25
time in hours from 0 UT 2021074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24
23
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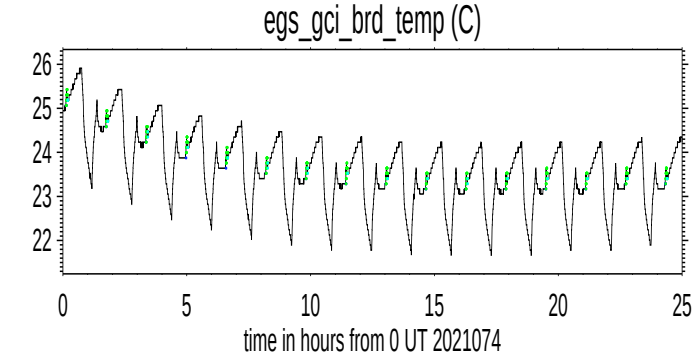
5
10
15
20
25
time in hours from 0 UT 2021074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24
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22
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15
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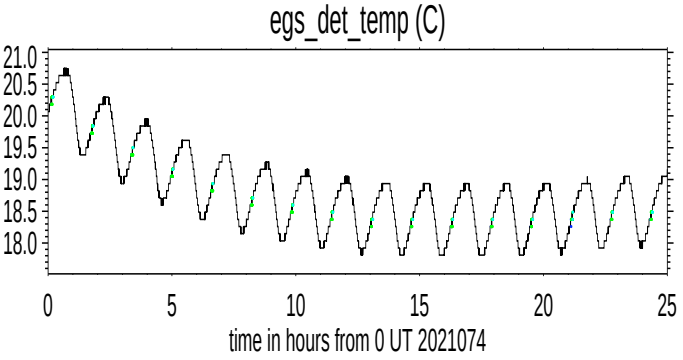
25
time in hours from 0 UT 2021074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18.5
18.0
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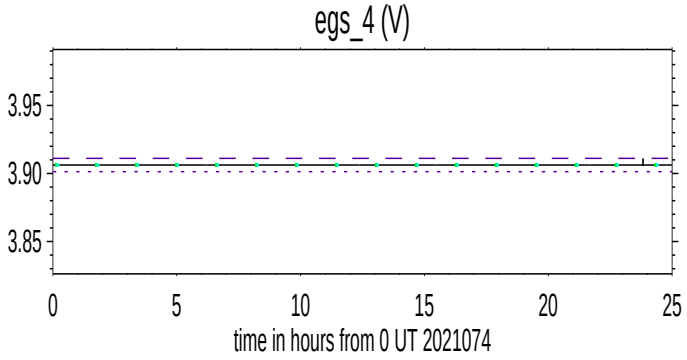
20
25
time in hours from 0 UT 2021074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3.85
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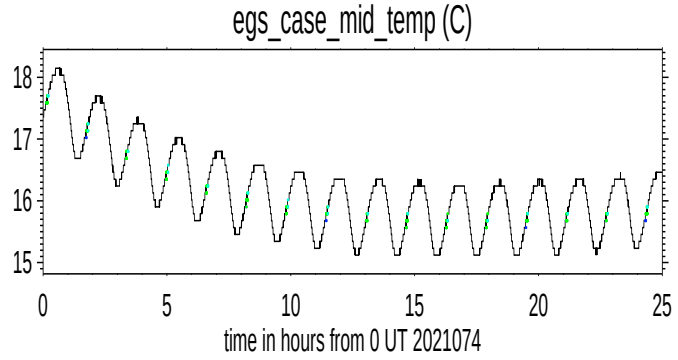
5
10
15
20
25
time in hours from 0 UT 2021074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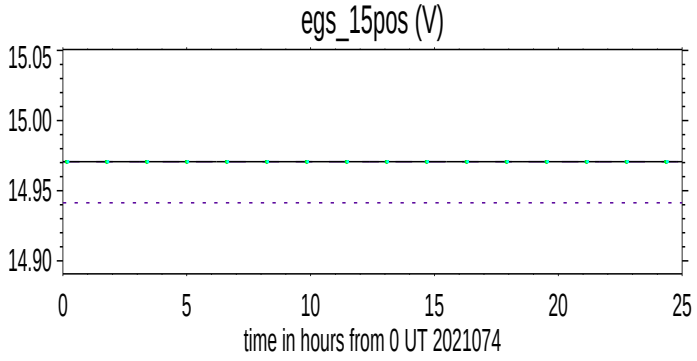
15
0
5
10
15
20
25
time in hours from 0 UT 2021074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14.95
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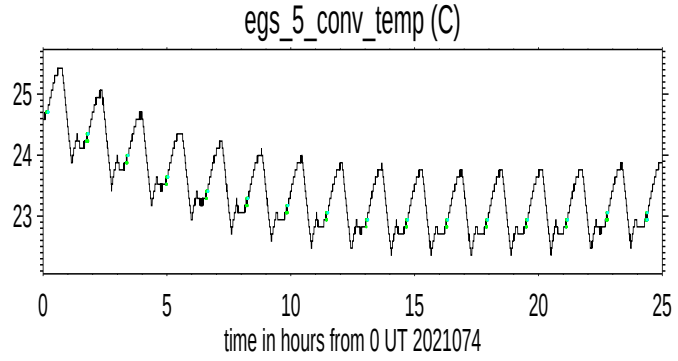
0
5
10
15
20
25
time in hours from 0 UT 2021074


egs_5_conv_temp (C)
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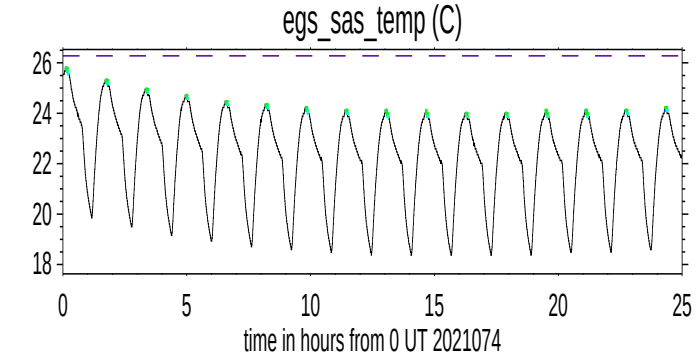
24
23
0
5
10
15
20
25
time in hours from 0 UT 2021074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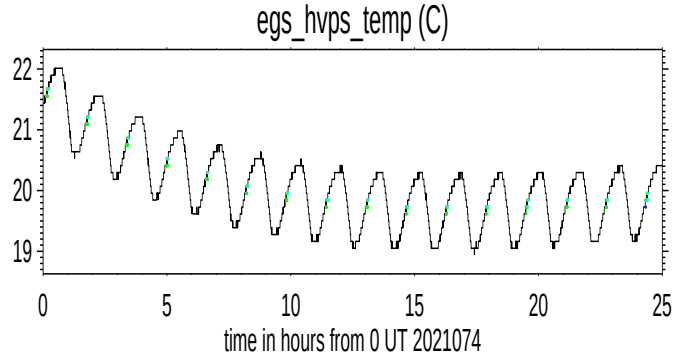
24
22
20
18
0
5
10
15
20
25
time in hours from 0 UT 2021074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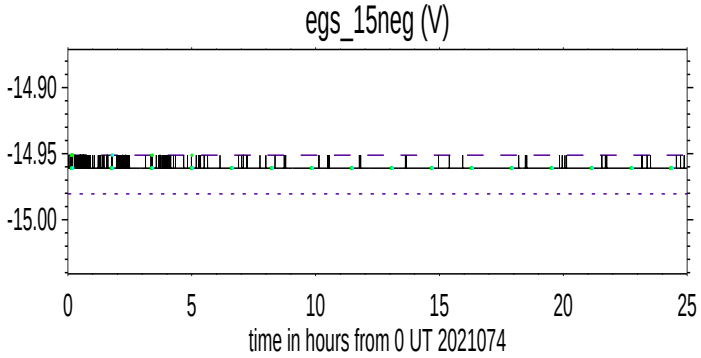
21
20
19
0
5
10
15
20
25
time in hours from 0 UT 2021074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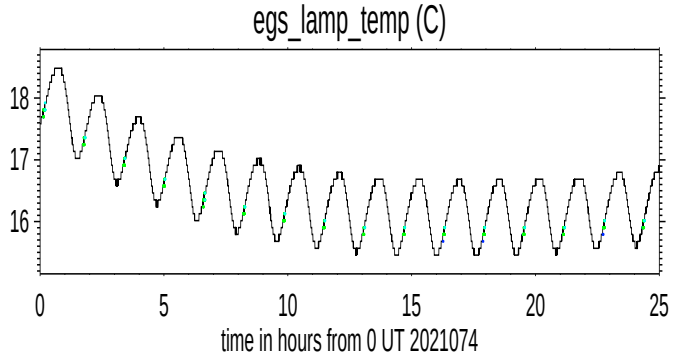
-14.95
-15.00
0
5
10
15
20
25
time in hours from 0 UT 2021074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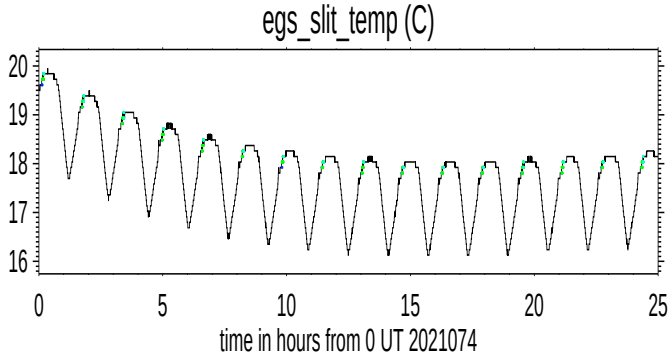
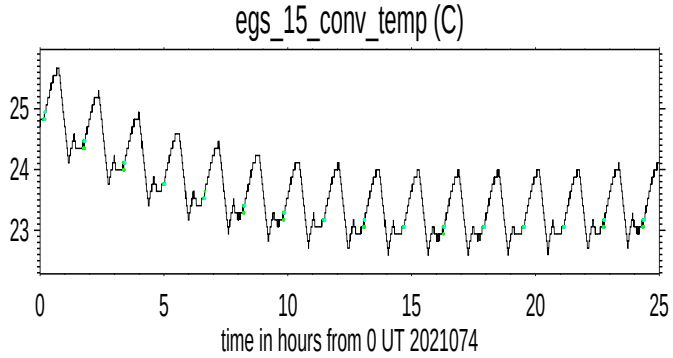
16
0
5
10
15
20
25
time in hours from 0 UT 2021074


egs_slit_temp (C)
20
19
18
17
16
0
5
10
15
20
25
time in hours from 0 UT 2021074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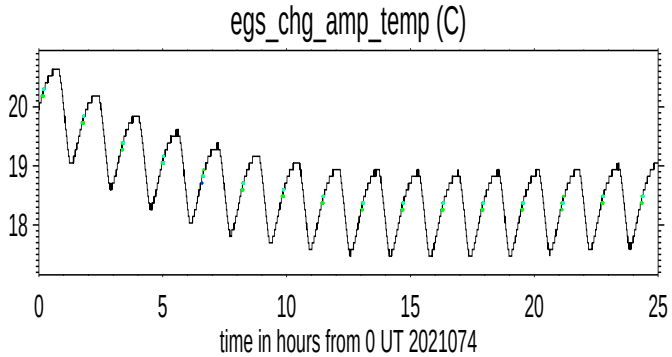
23
0
5
10
15
20
25
time in hours from 0 UT 2021074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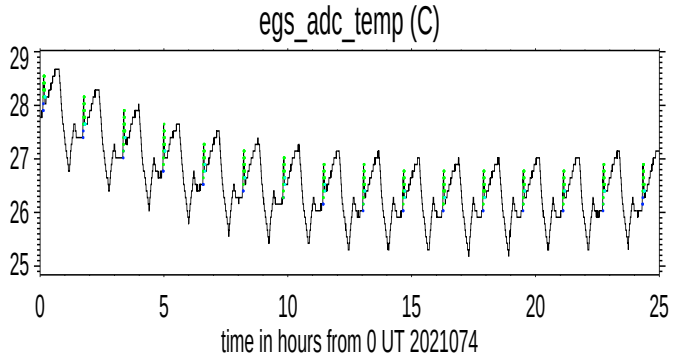
19
18
0
5
10
15
20
25
time in hours from 0 UT 2021074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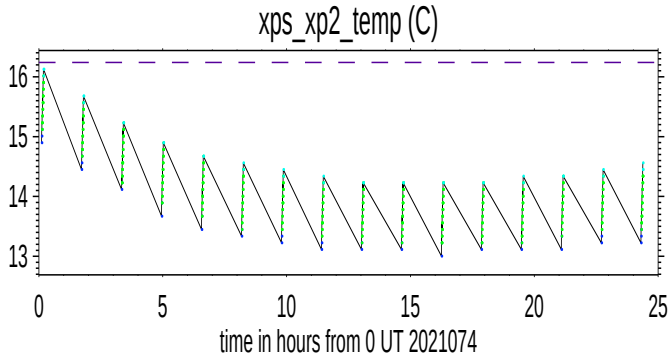
28
27
26
25
0
5
10
15
20
25
time in hours from 0 UT 2021074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15
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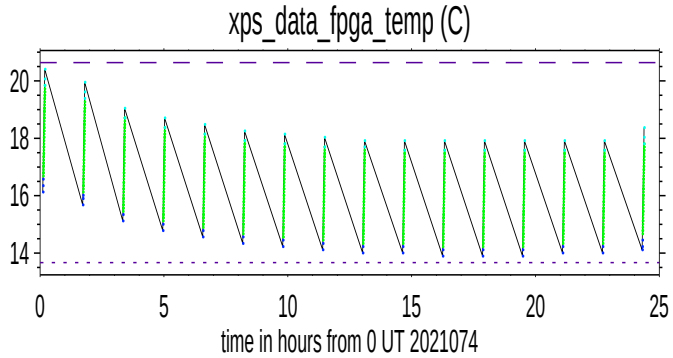
15
20
25
time in hours from 0 UT 2021074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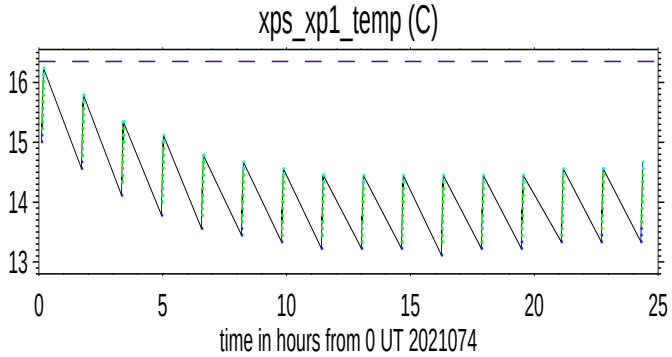
10
15
20
25
time in hours from 0 UT 2021074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10
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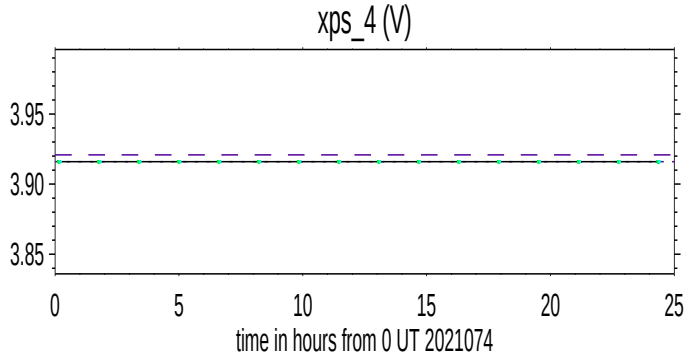
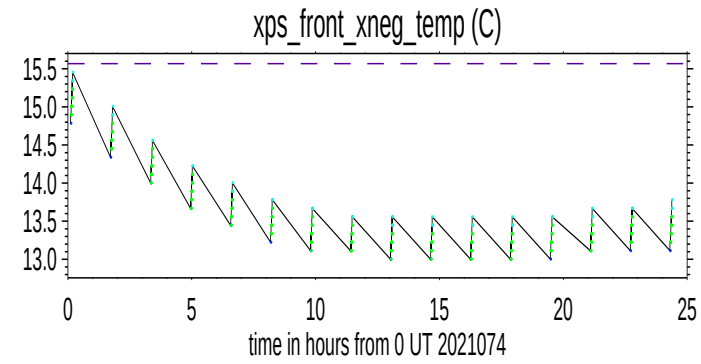
20
25
time in hours from 0 UT 2021074


xps_4 (V)
3.95
3.90
3.85
0
5
10
15
20
25
time in hours from 0 UT 2021074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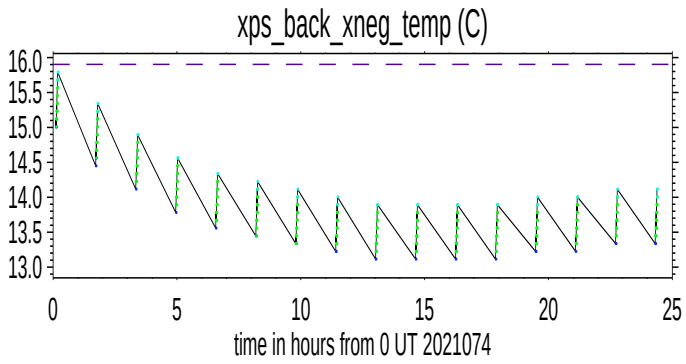
13.0
0
5
10
15
20
25
time in hours from 0 UT 2021074


xps_back_xneg_temp (C)
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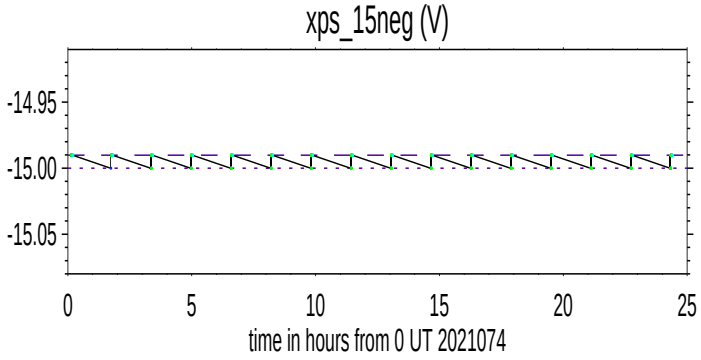
10
15
20
25
time in hours from 0 UT 2021074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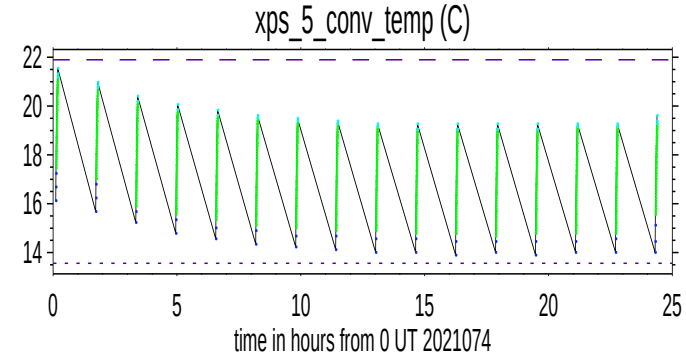
15
20
25
time in hours from 0 UT 2021074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5
10
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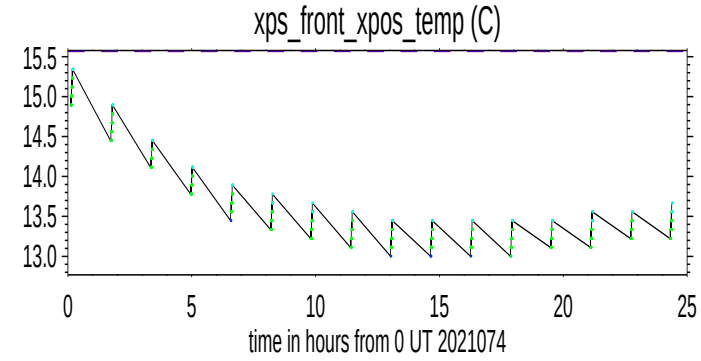
20
25
time in hours from 0 UT 2021074


xps_front_xpos_temp (C)
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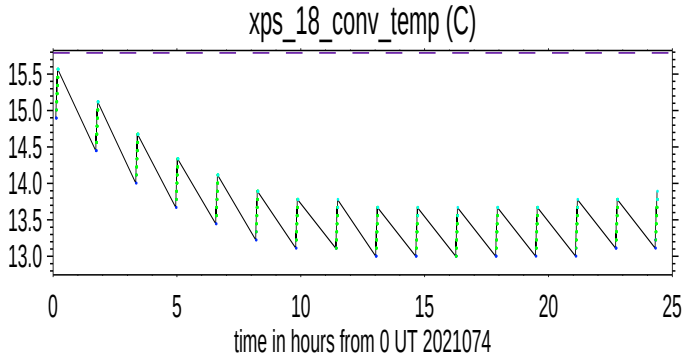
14.0
13.5
13.0
0
5
10
15
20
25
time in hours from 0 UT 2021074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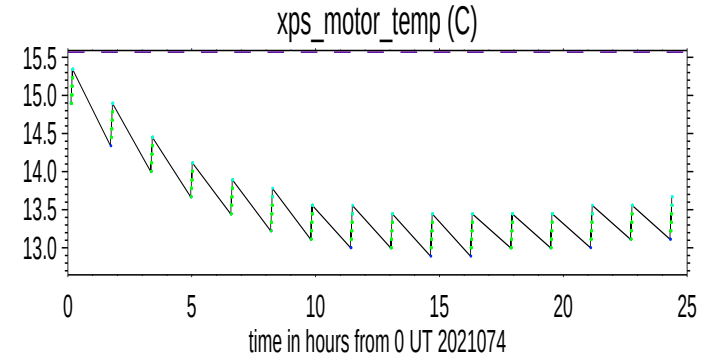
15
20
25
time in hours from 0 UT 2021074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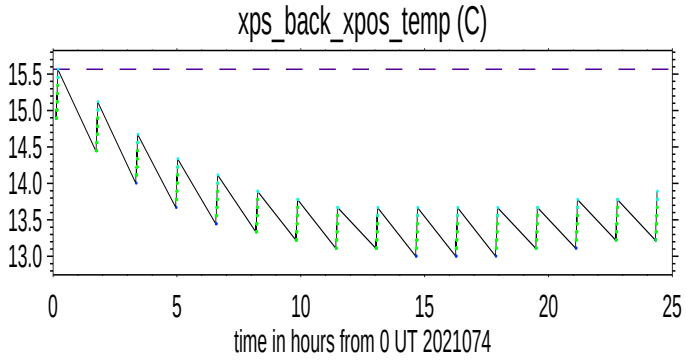
20
25
time in hours from 0 UT 2021074


xps_back_xpos_temp (C)
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13.5
13.0
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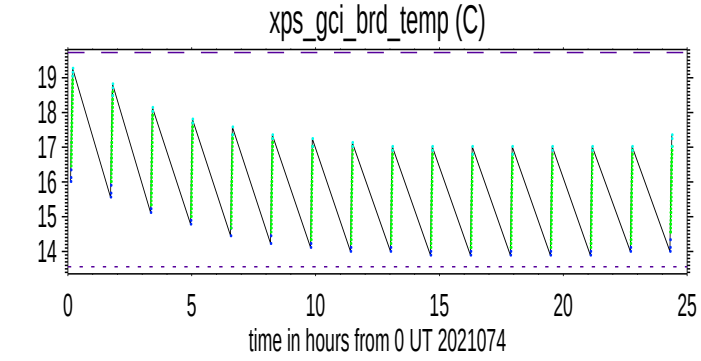
10
15
20
25
time in hours from 0 UT 2021074


xps_gci_brd_temp (C)
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16
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14
0
5
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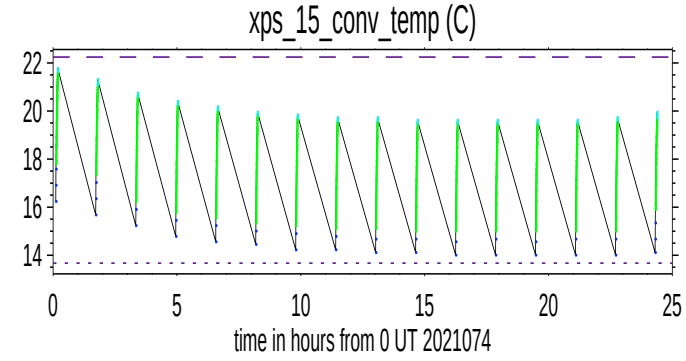
15
20
25
time in hours from 0 UT 2021074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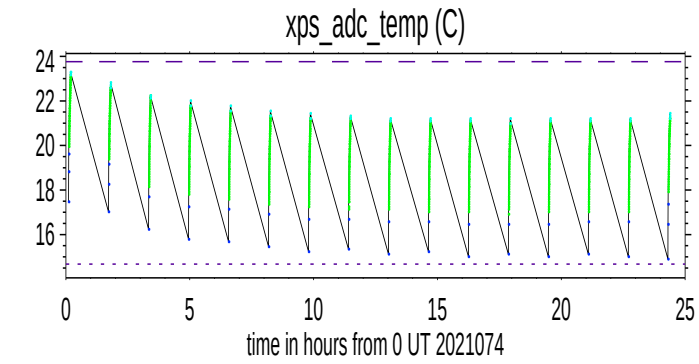
time in hours from 0 UT 2021074


xps_adc_temp (C)
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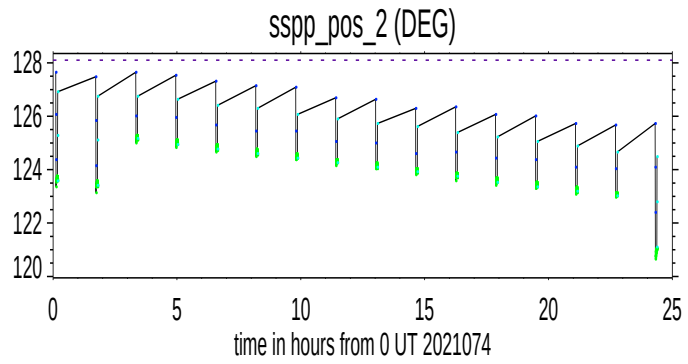
time in hours from 0 UT 2021074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124
122
120
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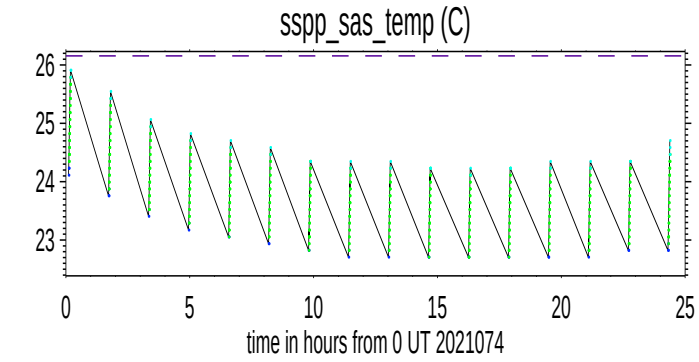
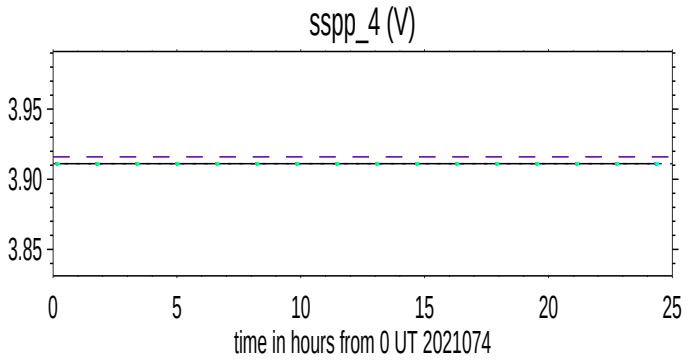
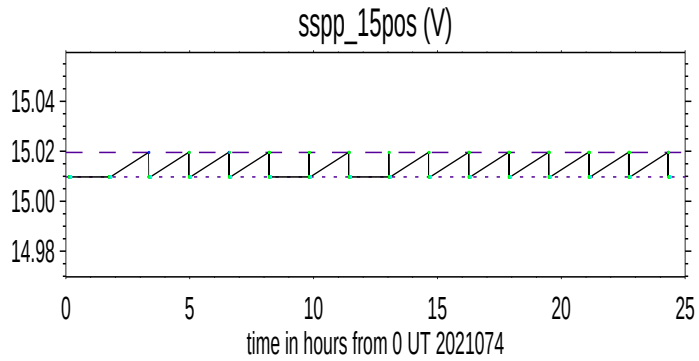
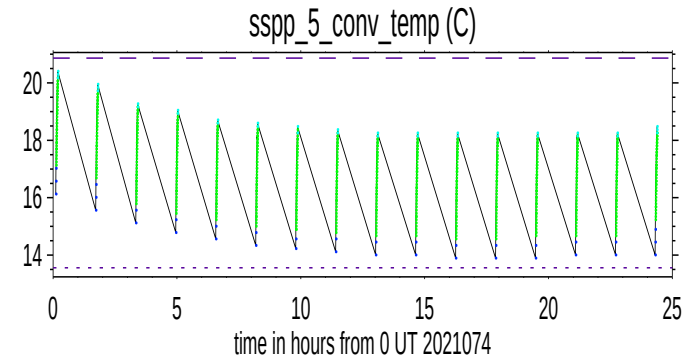
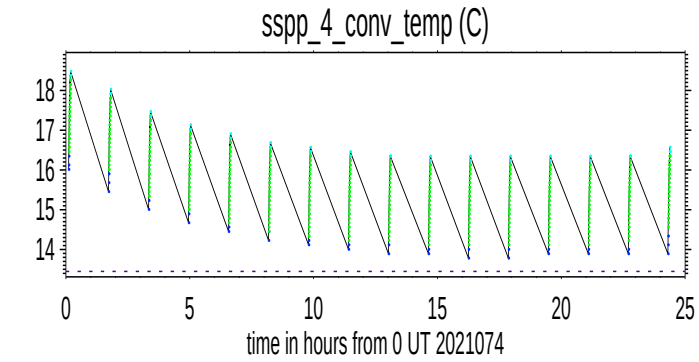
10
15
20
25
time in hours from 0 UT 2021074

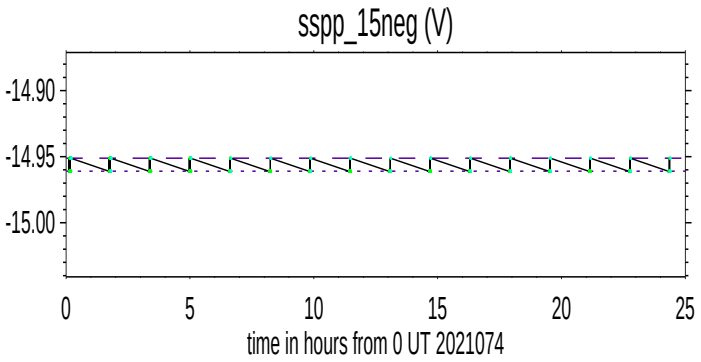

sspp_sas_temp (C)
26
25
24
23
0
5
10
15
20
25
time in hours from 0 UT 2021074

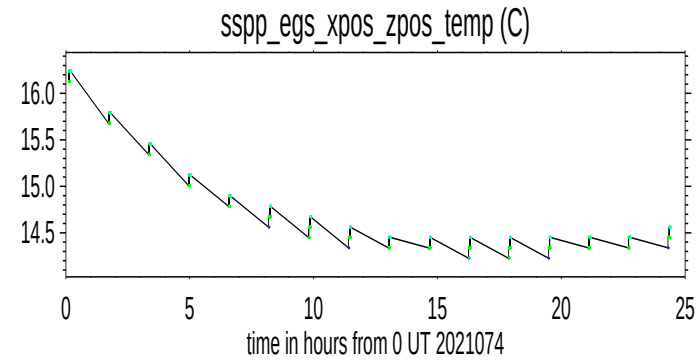

sspp_4 (V)
3.95
3.90
3.85
0
5
10
15
20
25
time in hours from 0 UT 2021074

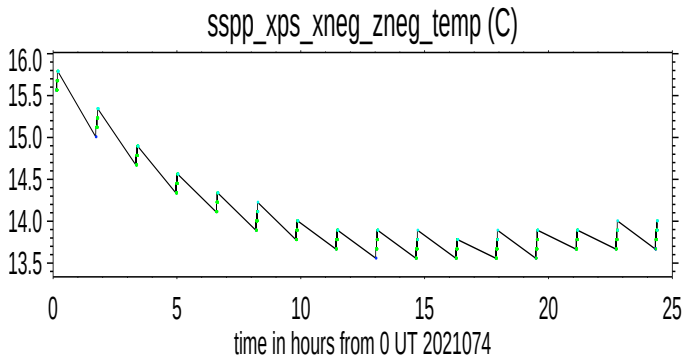

sspp_15pos (V)
15.04
15.02
15.00
14.98
0
5
10
15
20
25
time in hours from 0 UT 2021074

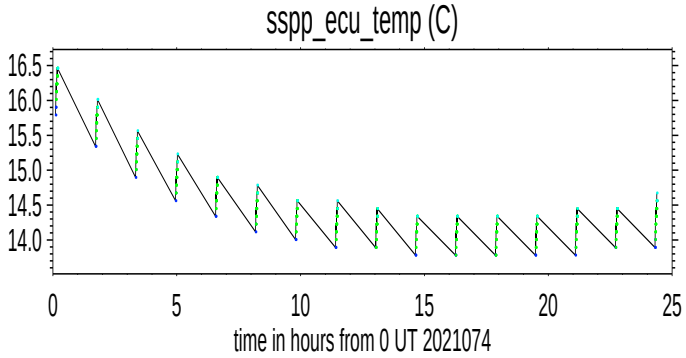

sspp_5_conv_temp (C)
20
18
16
14
0
5
10
15
20
25
time in hours from 0 UT 2021074

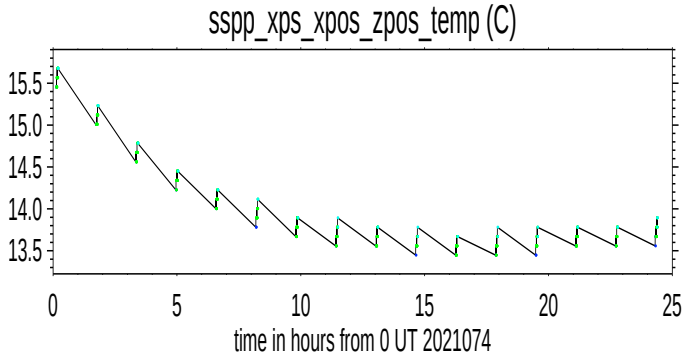

sspp_4_conv_temp (C)
18
17
16
15
14
0
5
10
15
20
25
time in hours from 0 UT 2021074

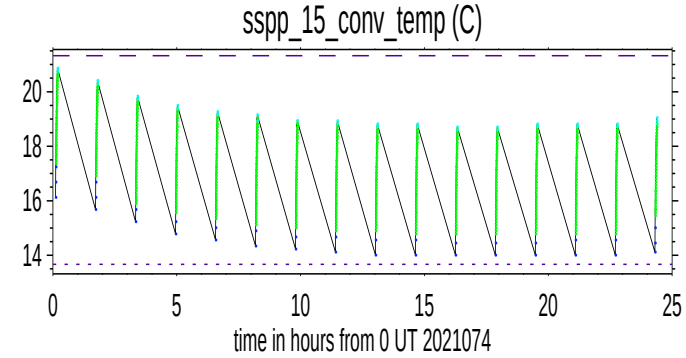

sspp_15neg (V)
-14.90
-14.95
-15.00
0
5
10
15
20
25
time in hours from 0 UT 2021074

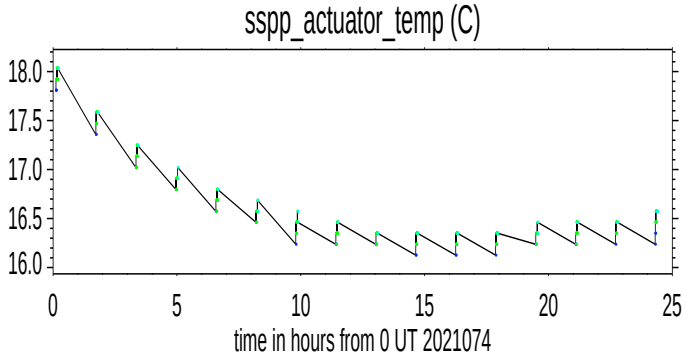

sspp_egs_xpos_zpos_temp (C)
16.0
15.5
15.0
14.5
0
5
10
15
20
25
time in hours from 0 UT 2021074

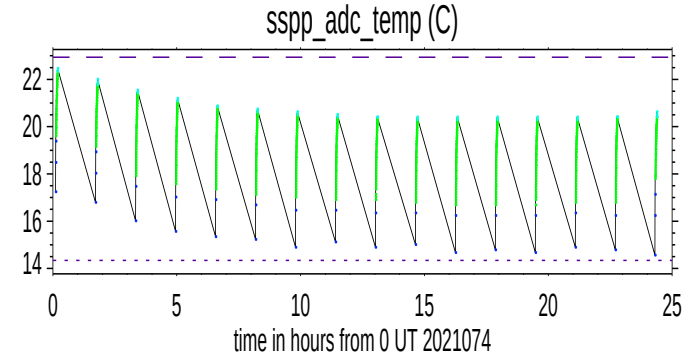

sspp_xps_xneg_zneg_temp (C)
16.0
15.5
15.0
14.5
14.0
13.5
0
5
10
15
20
25
time in hours from 0 UT 2021074

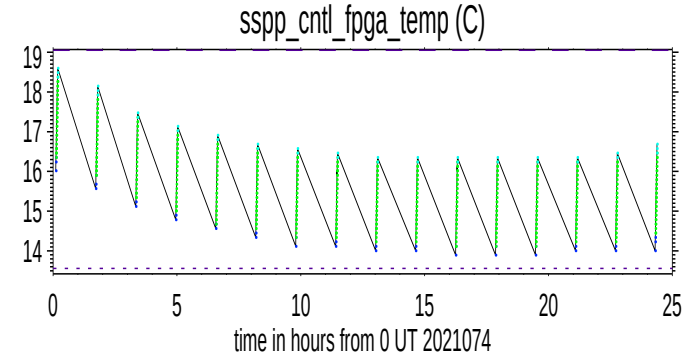

sspp_ecu_temp (C)
16.5
16.0
15.5
15.0
14.5
14.0
0
5
10
15
20
25
time in hours from 0 UT 2021074

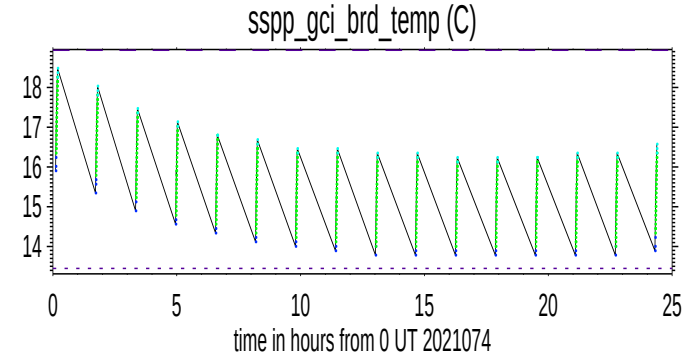

sspp_xps_xpos_zpos_temp (C)
15.5
15.0
14.5
14.0
13.5
0
5
10
15
20
25
time in hours from 0 UT 2021074

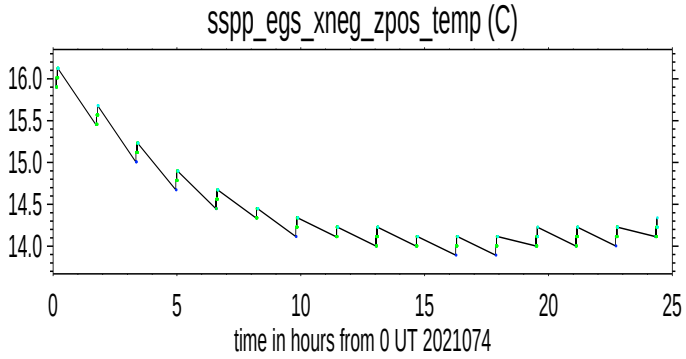

sspp_15_conv_temp (C)
20
18
16
14
0
5
10
15
20
25
time in hours from 0 UT 2021074


sspp_actuator_temp (C)
18.0
17.5
17.0
16.5
16.0
0
5
10
15
20
25
time in hours from 0 UT 2021074


sspp_adc_temp (C)
22
20
18
16
14
0
5
10
15
20
25
time in hours from 0 UT 2021074


sspp_cntl_fpga_temp (C)
19
18
17
16
15
14
0
5
10
15
20
25
time in hours from 0 UT 2021074


sspp_gci_brd_temp (C)
18
17
16
15
14
0
5
10
15
20
25
time in hours from 0 UT 2021074


sspp_egs_xneg_zpos_temp (C)
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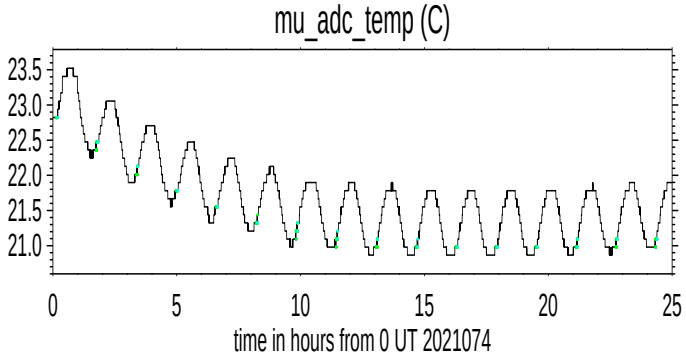
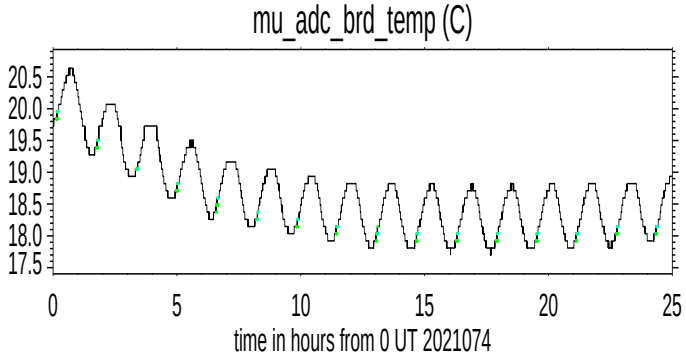
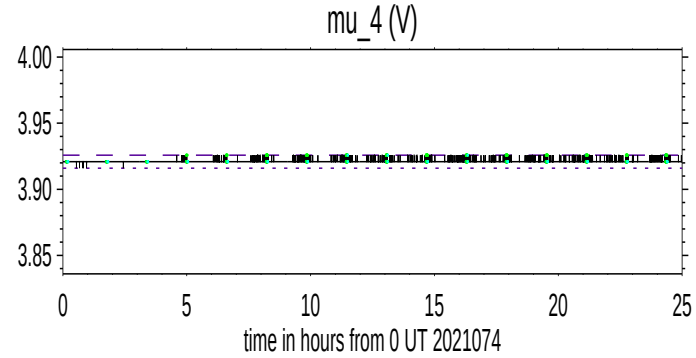
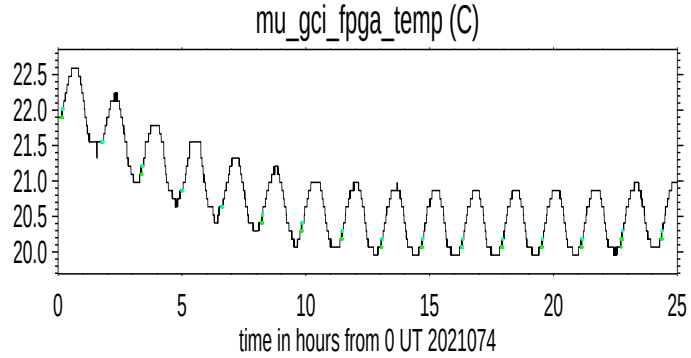
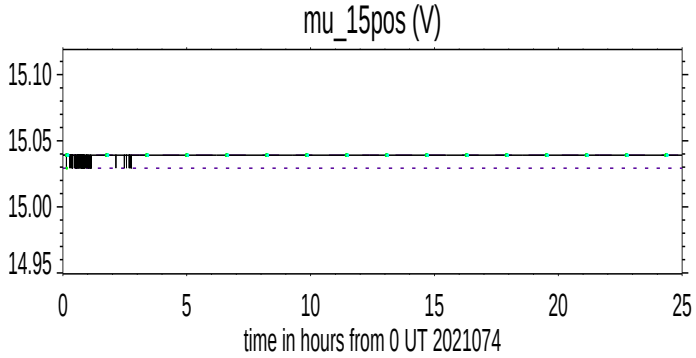
15.5
15.0
14.5
14.0
0
5
10
15
20
25
time in hours from 0 UT 2021074

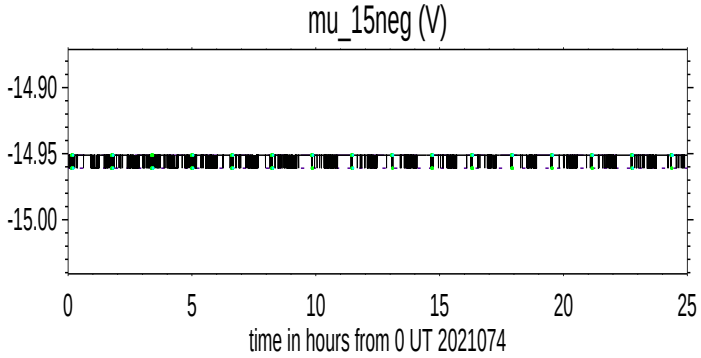

mu_adc_temp (C)
23.5
23.0
22.5
22.0
21.5
21.0
0
5
10
15
20
25
time in hours from 0 UT 2021074

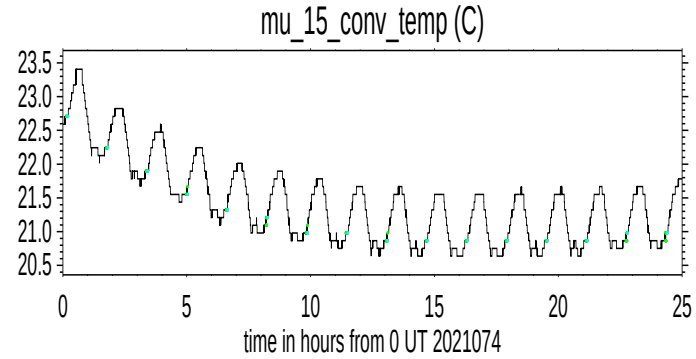

mu_adc_brd_temp (C)
20.5
20.0
19.5
19.0
18.5
18.0
17.5
0
5
10
15
20
25
time in hours from 0 UT 2021074

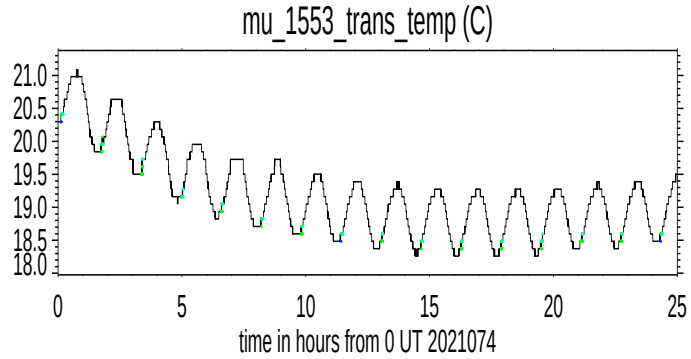

mu_4 (V)
4.00
3.95
3.90
3.85
0 5 10 15 20 25
time in hours from 0 UT 2021074


mu_gci_fpga_temp (C)
22.5
22.0
21.5
21.0
20.5
20.0
0 5 10 15 20 25
time in hours from 0 UT 2021074


mu_15pos (V)
15.10
15.05
15.00
14.95
0 5 10 15 20 25
time in hours from 0 UT 2021074


mu_15neg (V)
-14.90
-14.95
-15.00
0 5 10 15 20 25
time in hours from 0 UT 2021074


mu_15_conv_temp (C)
23.5
23.0
22.5
22.0
21.5
21.0
20.5
0 5 10 15 20 25
time in hours from 0 UT 2021074


mu_1553_trans_temp (C)
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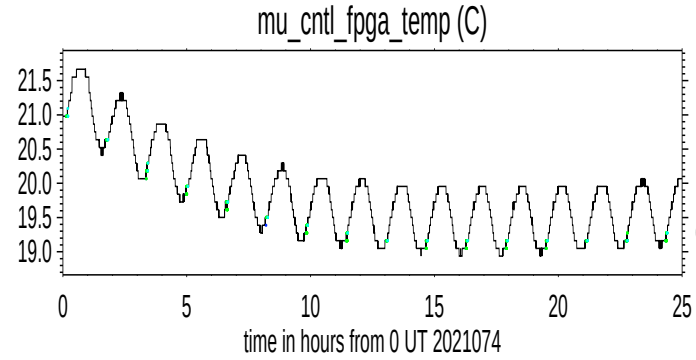
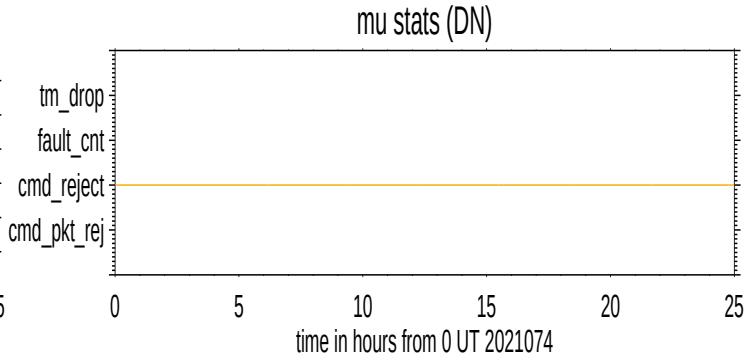
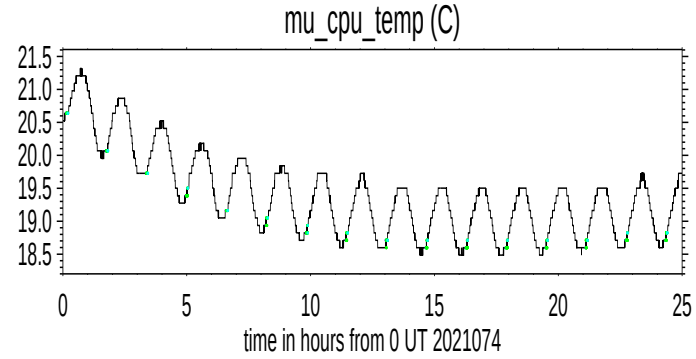
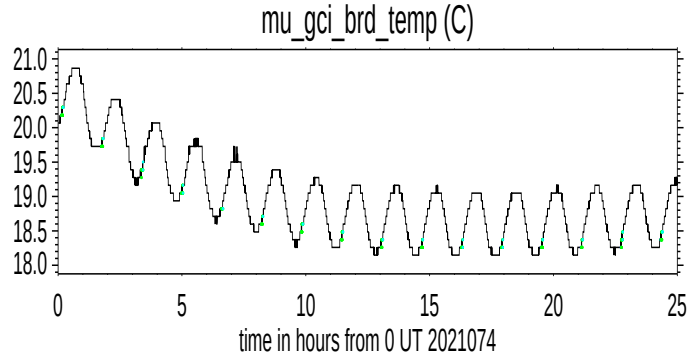
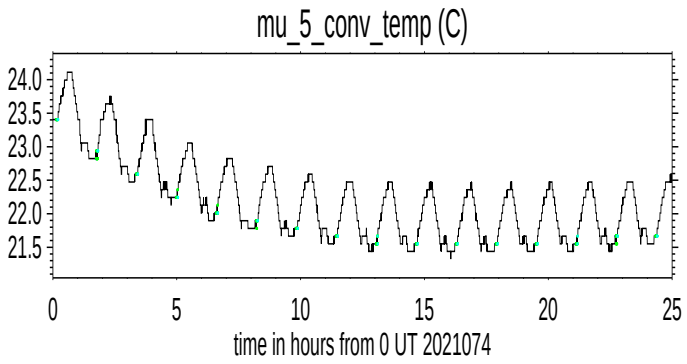
20.5
20.0
19.5
19.0
18.5
18.0
0 5 10 15 20 25
time in hours from 0 UT 2021074

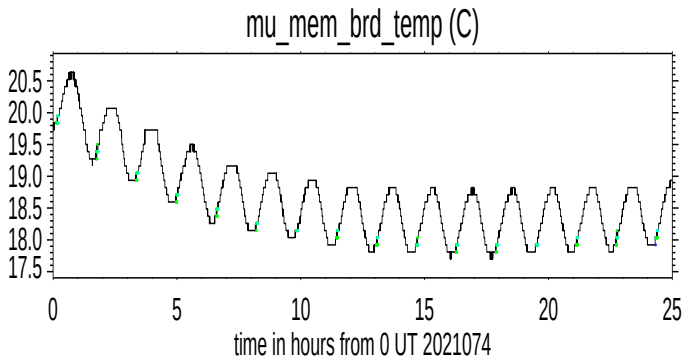

mu_cntl_fpga_temp (C)
21.5
21.0
20.5
20.0
19.5
19.0
0 5 10 15 20 25
time in hours from 0 UT 2021074

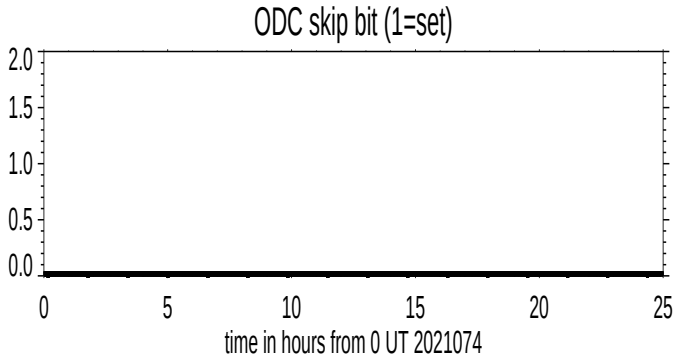

mu stats (DN)
tm_drop
fault_cnt
cmd_reject
cmd_pkt_rej
0 5 10 15 20 25
time in hours from 0 UT 2021074

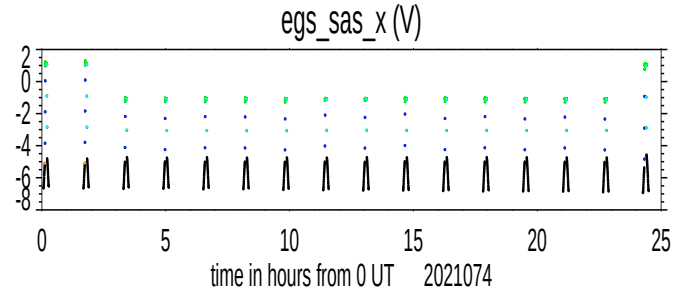

mu_cpu_temp (C)
21.5
21.0
20.5
20.0
19.5
19.0
18.5
0 5 10 15 20 25
time in hours from 0 UT 2021074

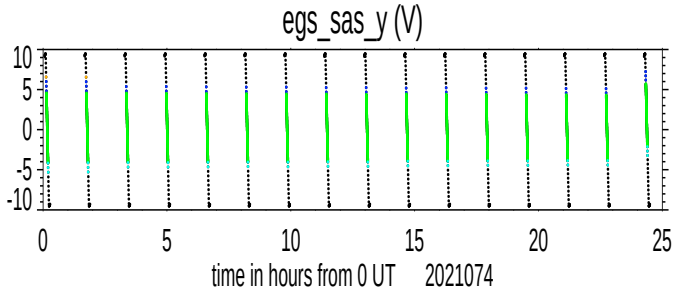

mu_gci_brd_temp (C)
21.0
20.5
20.0
19.5
19.0
18.5
18.0
0 5 10 15 20 25
time in hours from 0 UT 2021074

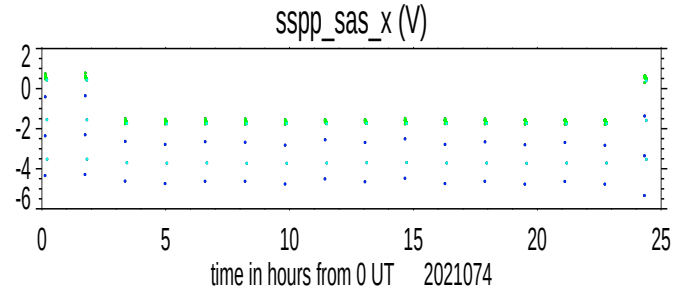

mu_5_conv_temp (C)
24.0
23.5
23.0
22.5
22.0
21.5
0
5
10
15
20
25
time in hours from 0 UT 2021074

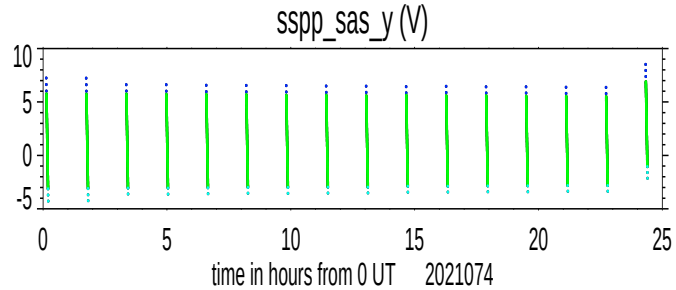

mu_mem_brd_temp (C)
20.5
20.0
19.5
19.0
18.5
18.0
17.5
0
5
10
15
20
25
time in hours from 0 UT 2021074

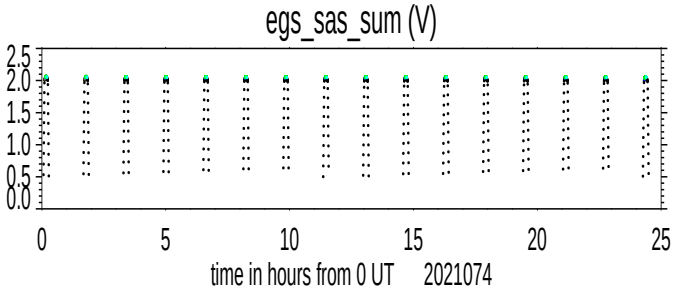

ODC skip bit (1=set)
2.0
1.5
1.0
0.5
0.0
0
5
10
15
20
25
time in hours from 0 UT 2021074

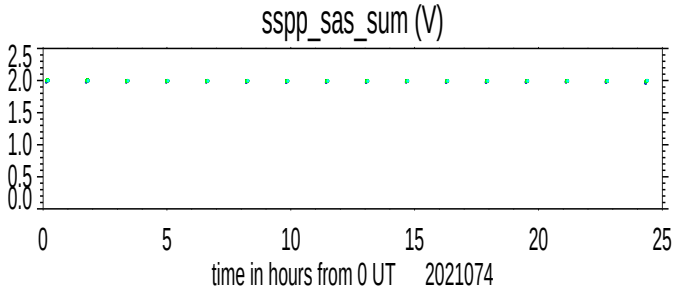

egs_sas_x (V)
time in hours from 0 UT 2021074

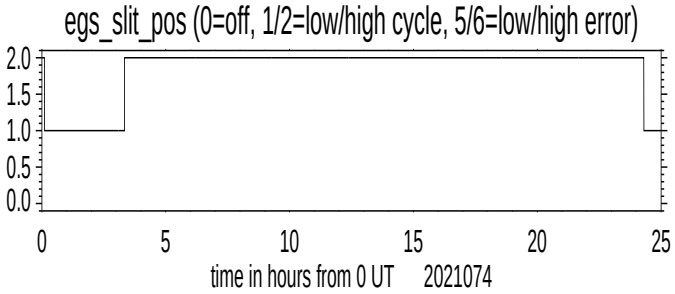

egs_sas_y (V)
time in hours from 0 UT 2021074

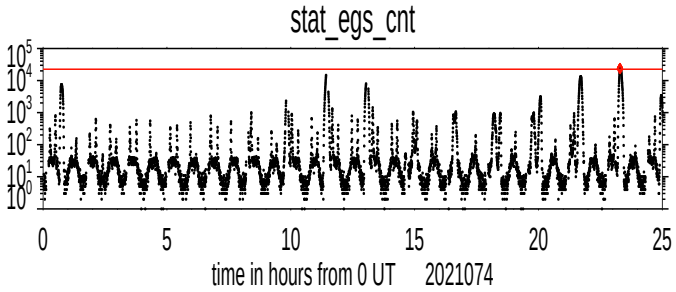

sspp_sas_x (V)
time in hours from 0 UT 2021074

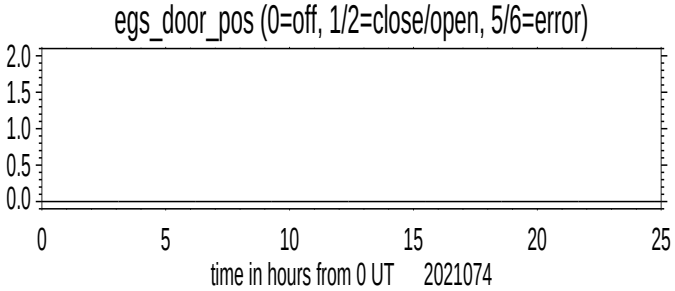

sspp_sas_y (V)
time in hours from 0 UT 2021074

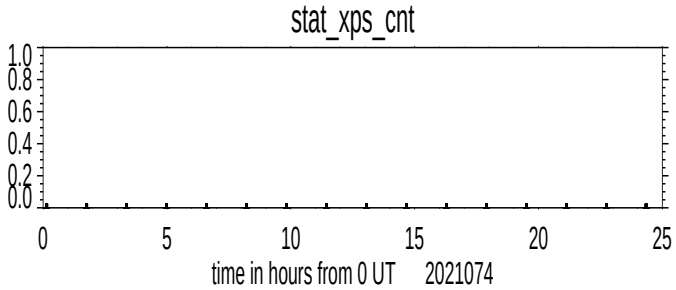

egs_sas_sum (V)
time in hours from 0 UT 2021074

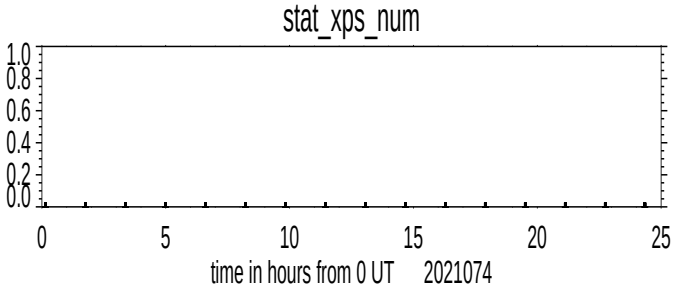

sspp_sas_sum (V)
time in hours from 0 UT 2021074

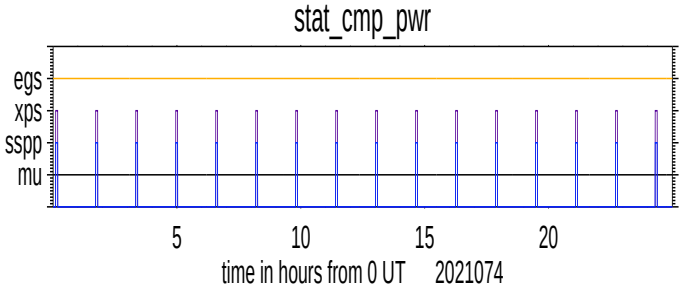

egs_slit_pos (0=off, 1/2=low/high cycle, 5/6=low/high error)
time in hours from 0 UT 2021074


stat_egs_cnt
time in hours from 0 UT 2021074

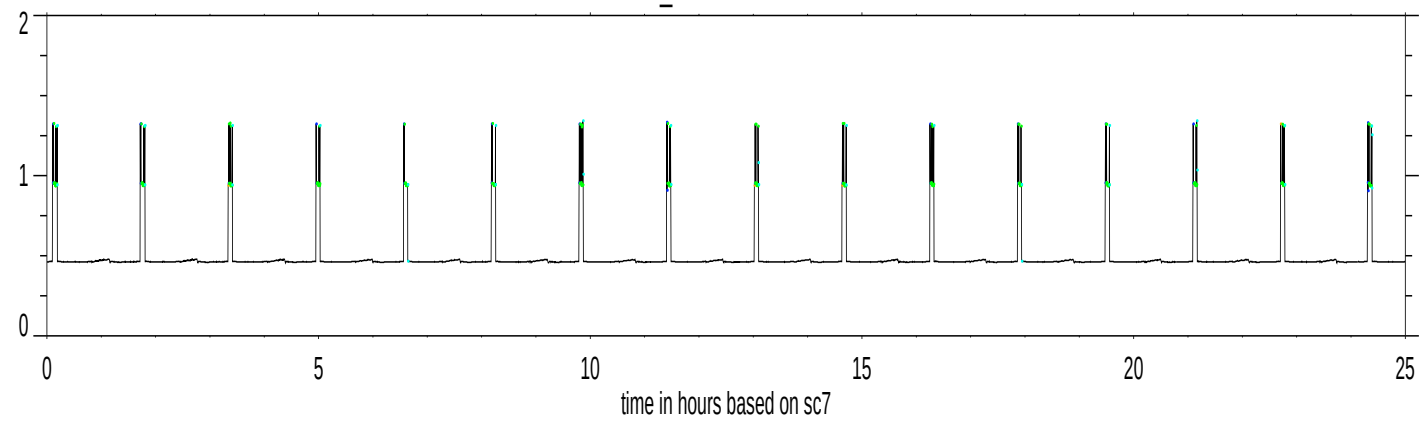

egs_door_pos (0=off, 1/2=close/open, 5/6=error)
time in hours from 0 UT 2021074


stat_xps_cnt
time in hours from 0 UT 2021074

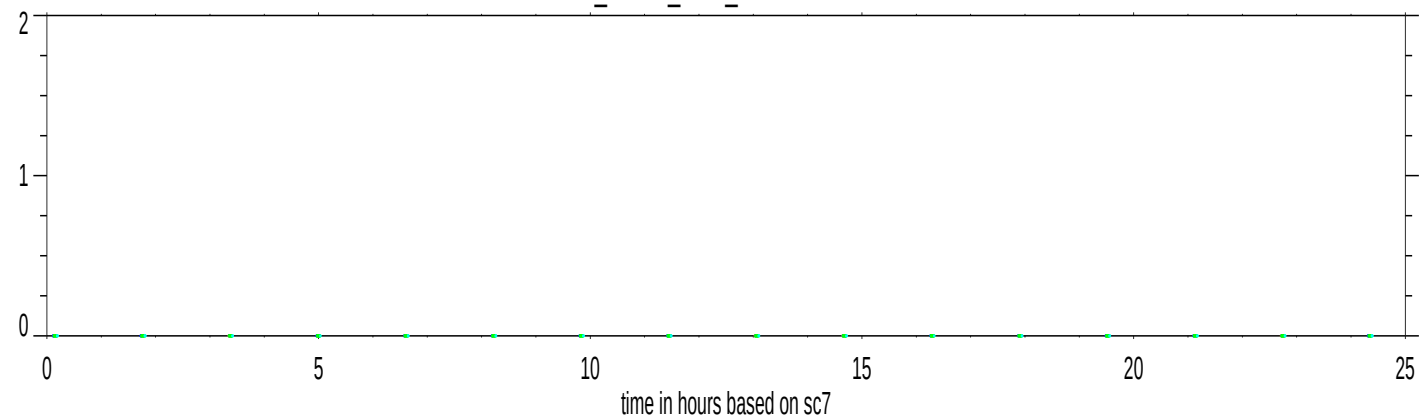

stat_xps_num
time in hours from 0 UT 2021074


stat_cmp_pwr
egs
xps
sspp
mu
time in hours from 0 UT 2021074

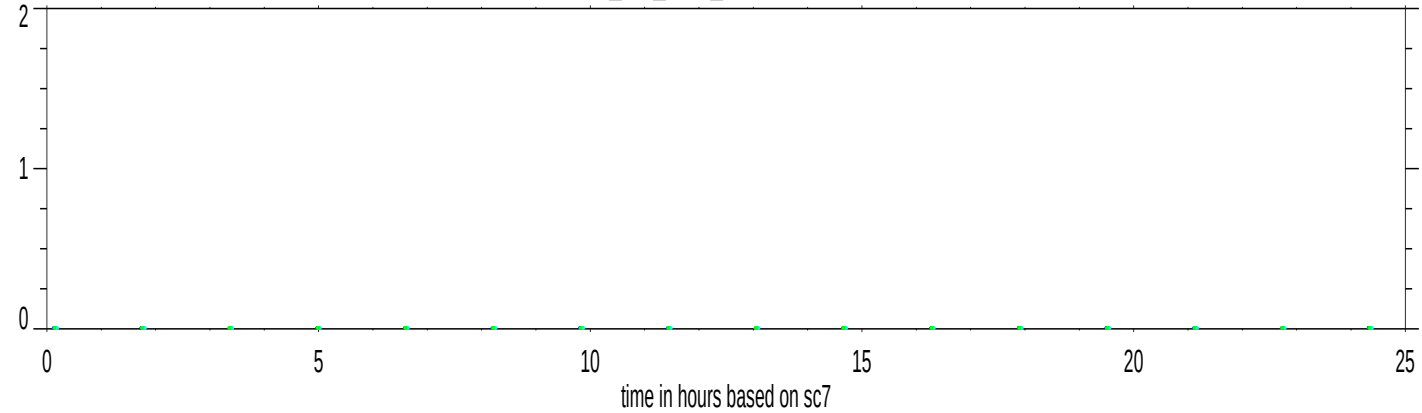
SEE_CUR 2021074



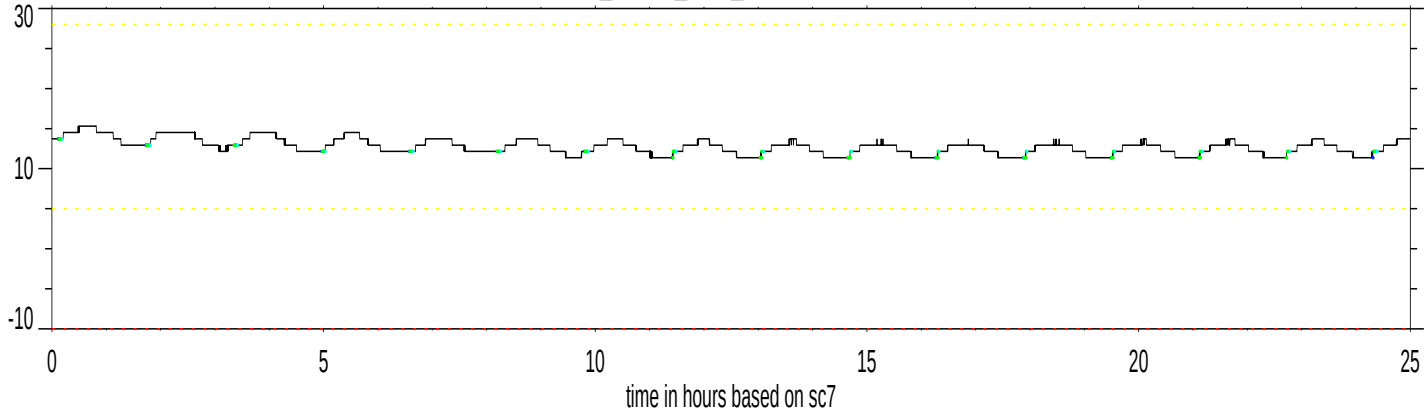
SEE_SURV_HTR_CUR 2021074



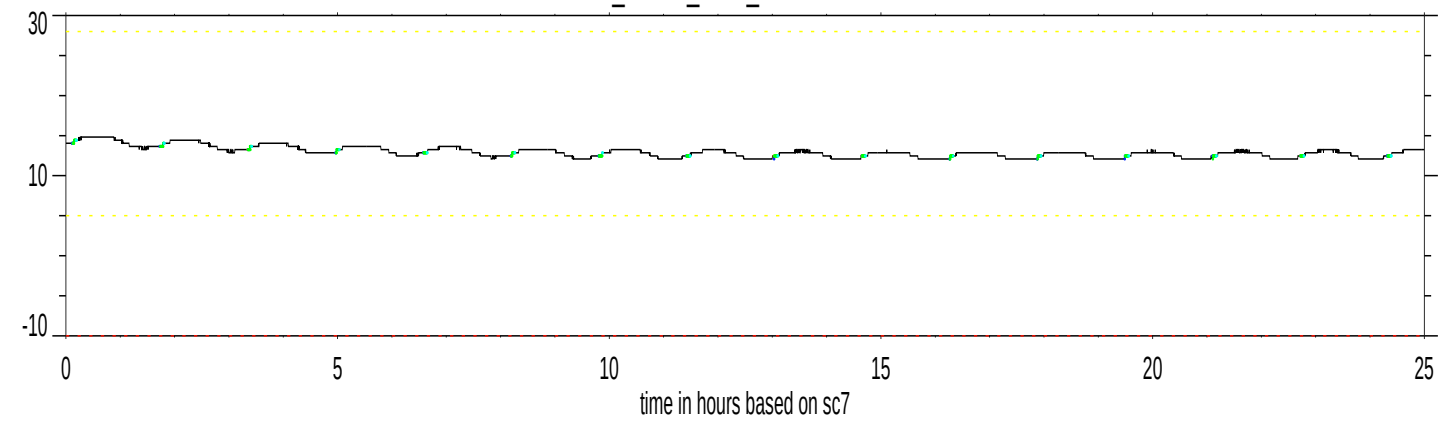
SEE_OP_HTR_CUR 2021074



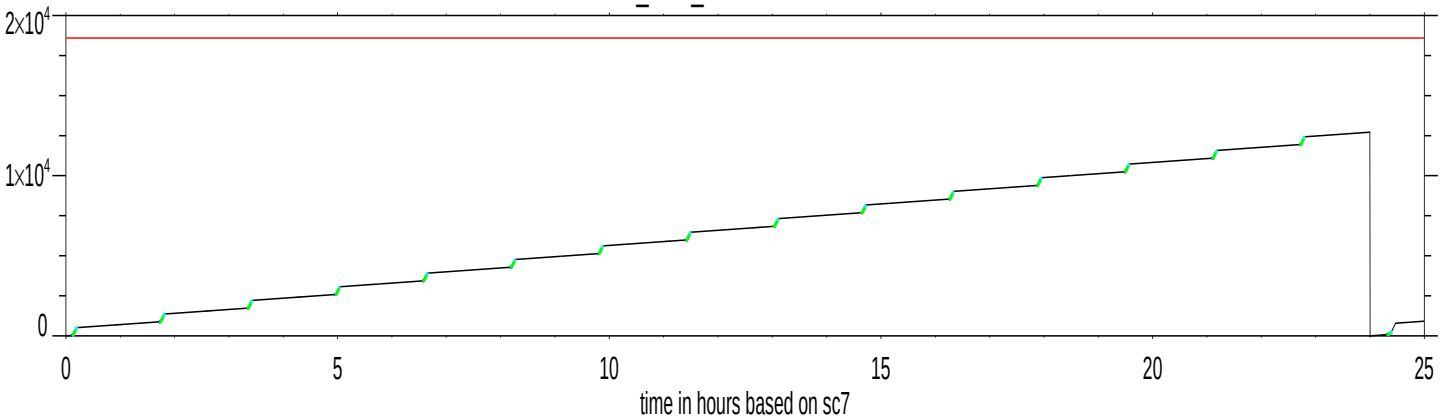
SSPP_BHND_XPS_TEMP 2021074



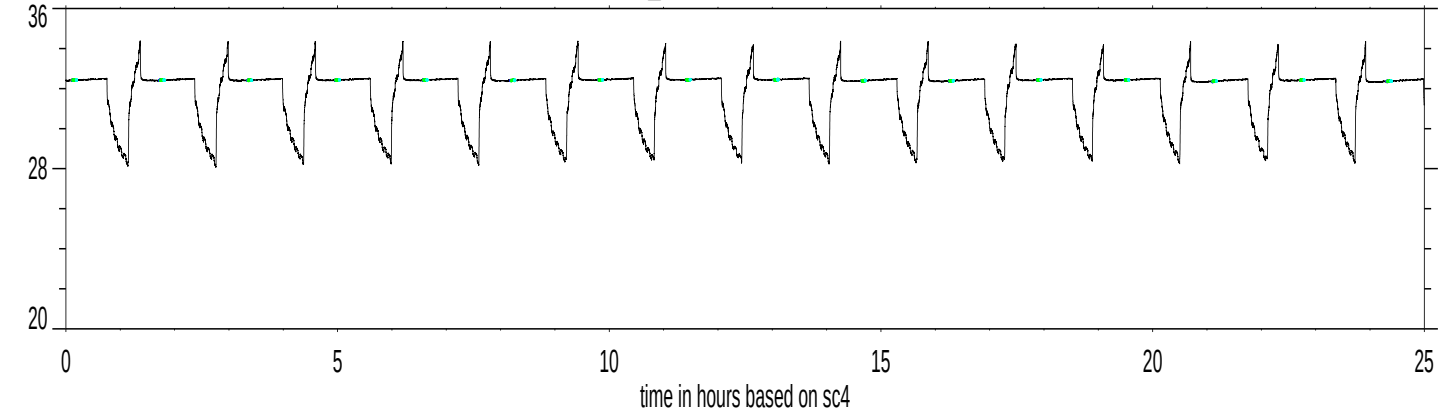
SSPP_BHND_MTR_TEMP 2021074



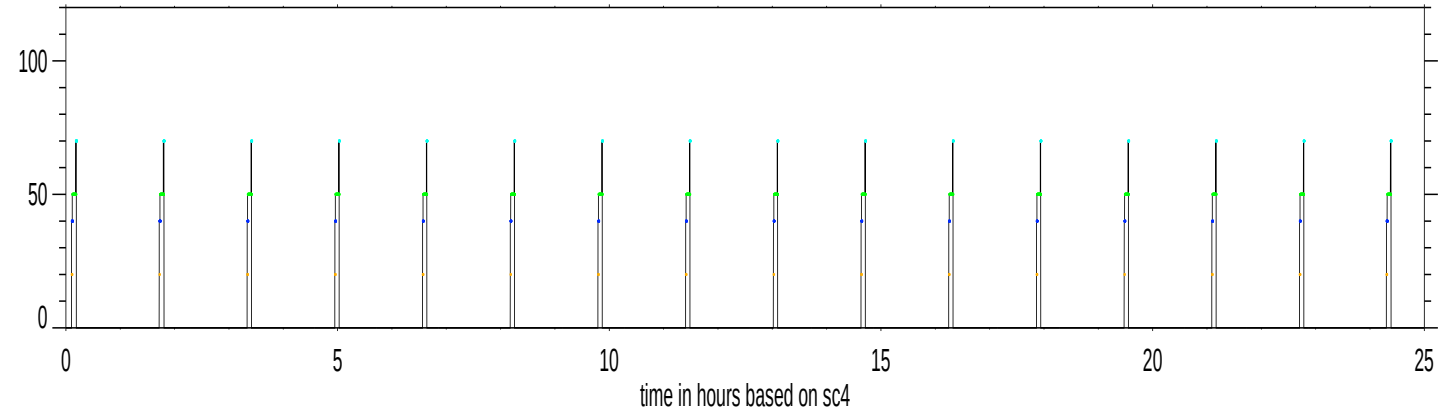
SEE_PKT_COUNT 2021074

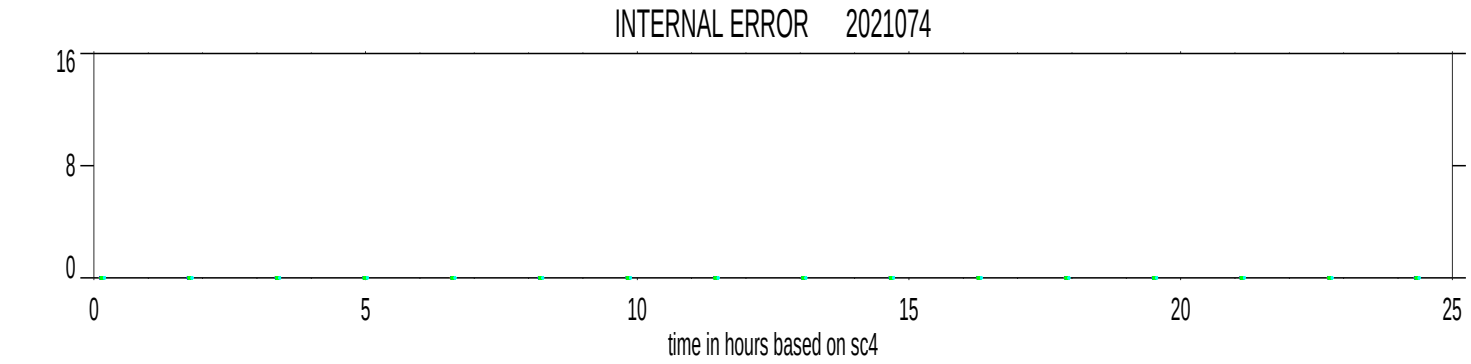


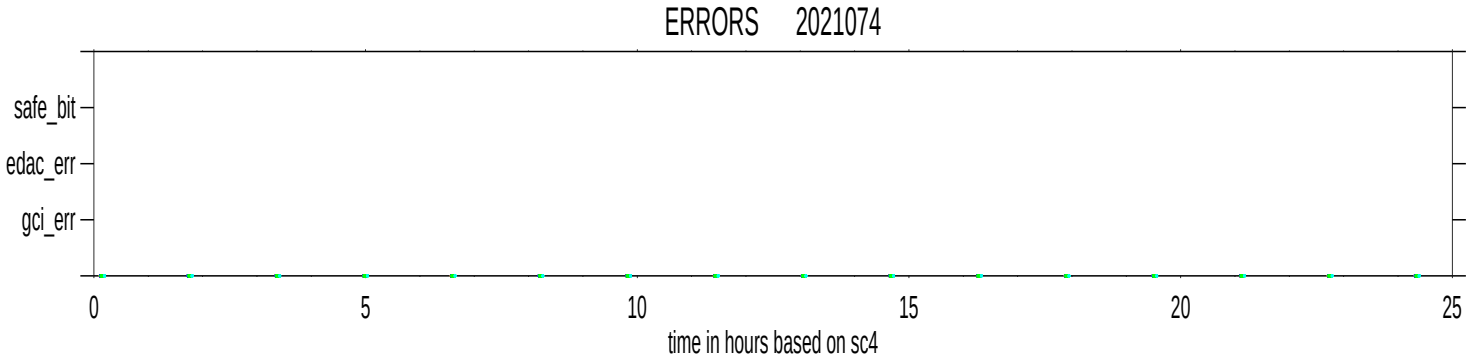
BUS_VOLTAGE 2021074

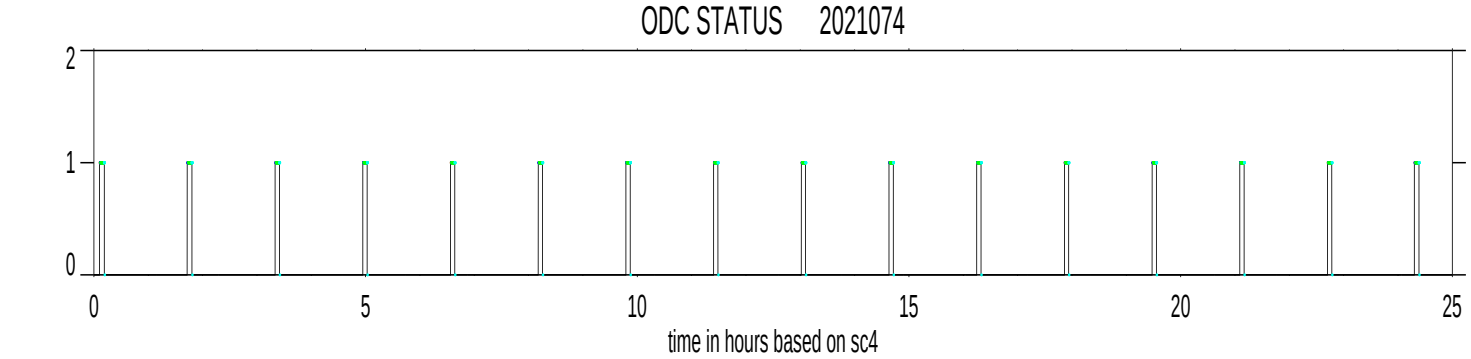


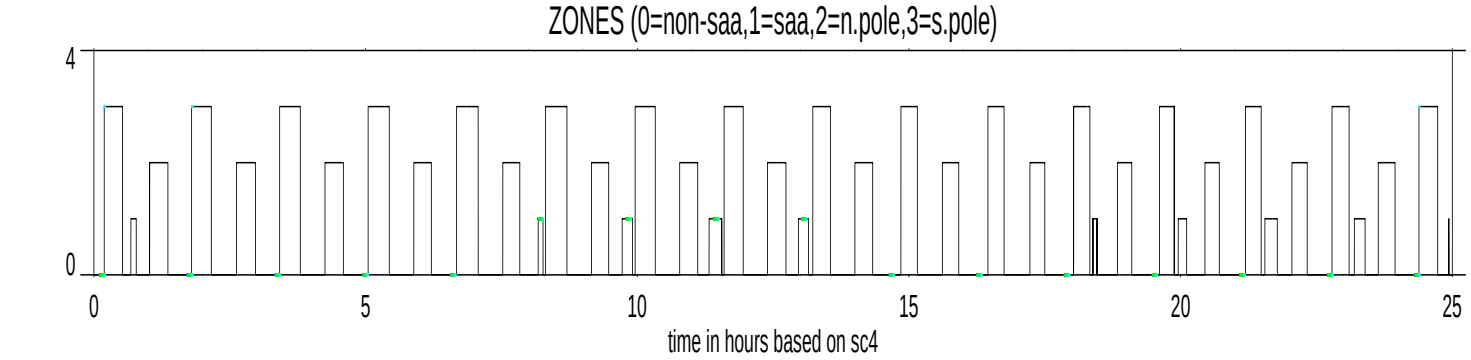
SEE_MU Operational Mode 2021074

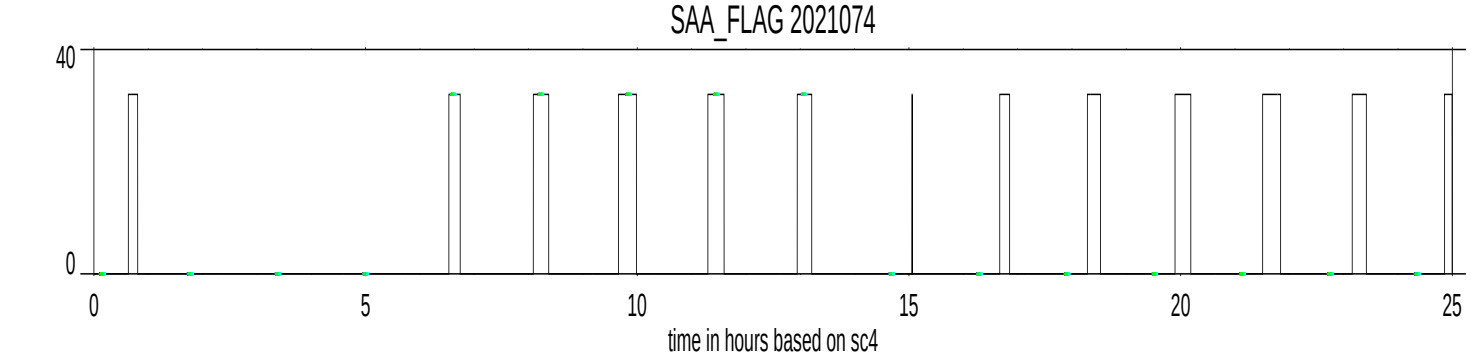


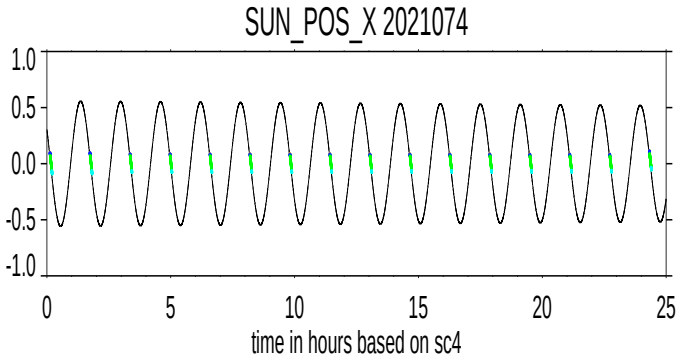

INTERNAL ERROR 2021074
16
8
0
0
5
10
15
20
25
time in hours based on sc4

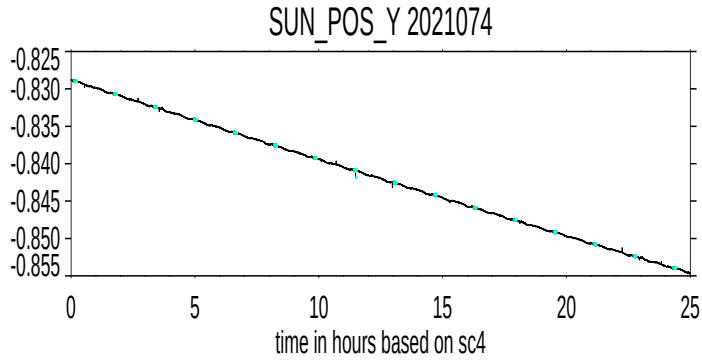

ERRORS 2021074
safe_bit
edac_err
gci_err
0
5
10
15
20
25
time in hours based on sc4

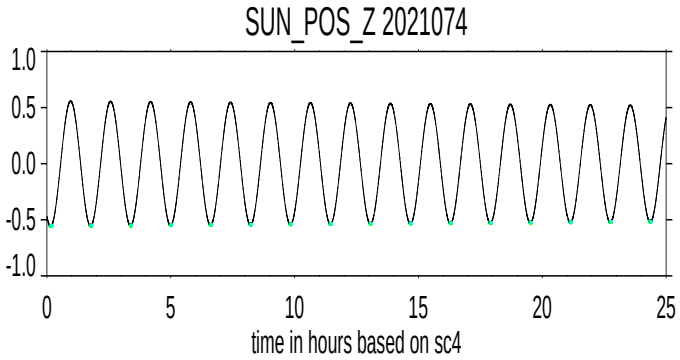

ODC STATUS 2021074
2
1
0
0
5
10
15
20
25
time in hours based on sc4

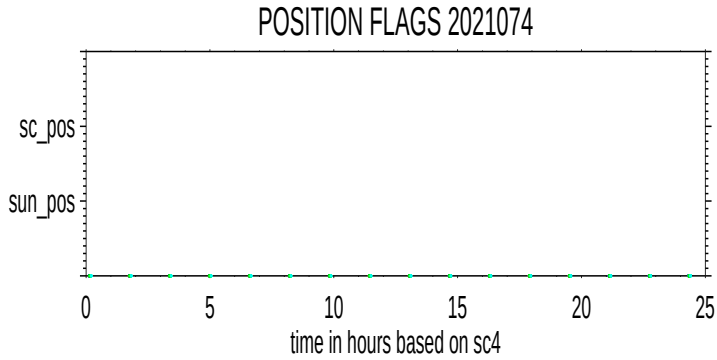

ZONES (0=non-saa,1=saa,2=n.pole,3=s.pole)
4
0
0
5
10
15
20
25
time in hours based on sc4

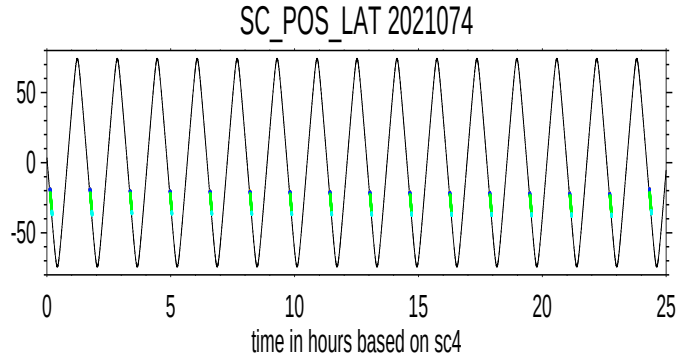

SAA_FLAG 2021074
40
0
0
5
10
15
20
25
time in hours based on sc4

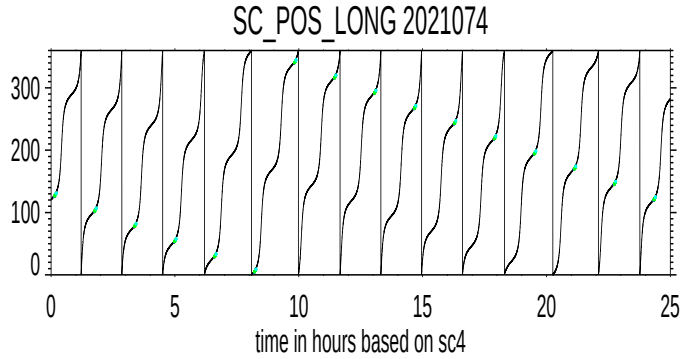

SUN_POS_X 2021074
1.0
0.5
0.0
-0.5
-1.0
0
5
10
15
20
25
time in hours based on sc4

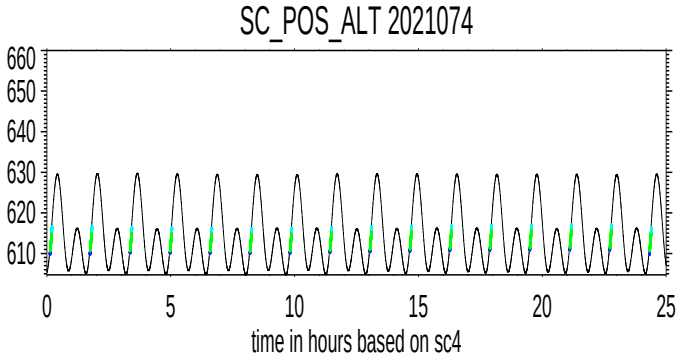

SUN_POS_Y 2021074
-0.825
-0.830
-0.835
-0.840
-0.845
-0.850
-0.855
0
5
10
15
20
25
time in hours based on sc4

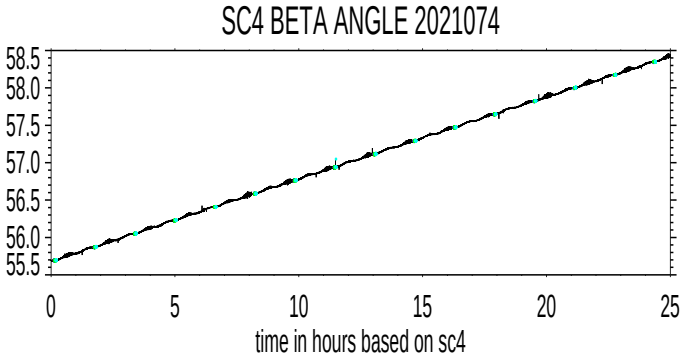

SUN_POS_Z 2021074
1.0
0.5
0.0
-0.5
-1.0
0
5
10
15
20
25
time in hours based on sc4


POSITION FLAGS 2021074
sc_pos
sun_pos
0
5
10
15
20
25
time in hours based on sc4


SC_POS_LAT 2021074
50
0
-50
0
5
10
15
20
25
time in hours based on sc4


SC_POS_LONG 2021074
300
200
100
0
0
5
10
15
20
25
time in hours based on sc4


SC_POS_ALT 2021074
660
650
640
630
620
610
0
5
10
15
20
25
time in hours based on sc4


SC4 BETA ANGLE 2021074
58.5
58.0
57.5
57.0
56.5
56.0
55.5
0
5
10
15
20
25
time in hours based on sc4