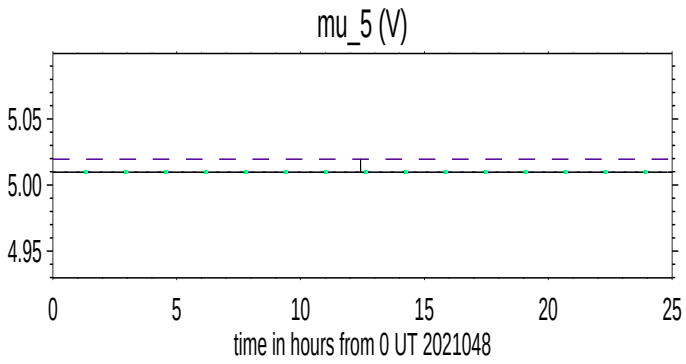
Information for 2021048

/export/timed/data/science_dp/tlm_limit/outoflimit_2021048_012.txt
Fri Mar 19 06:14:02 2021 1

RH OutOfLimit 1297555224 1297645214 hk.mu_cmd_pkt_reject


mu_5 (V)
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5.00
4.95
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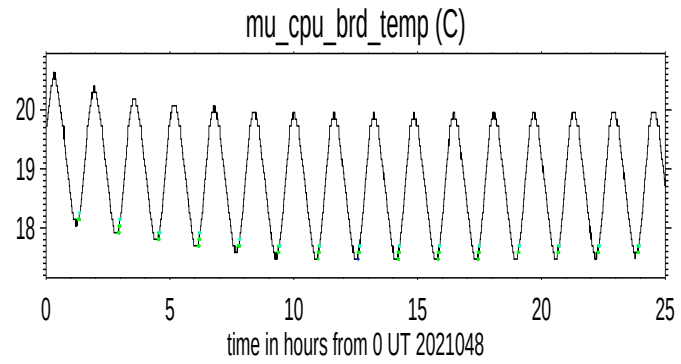
5
10
15
20
25
time in hours from 0 UT 2021048


mu_cpu_brd_temp (C)
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20
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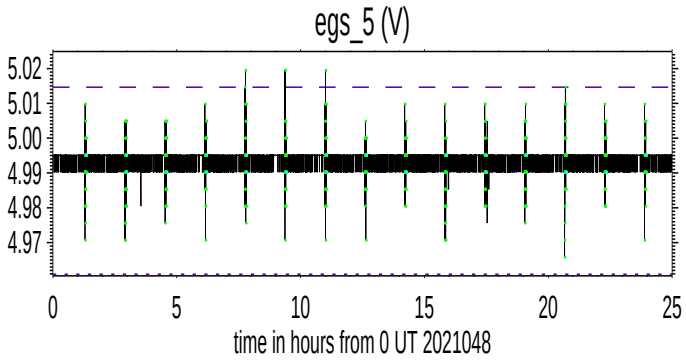
time in hours from 0 UT 2021048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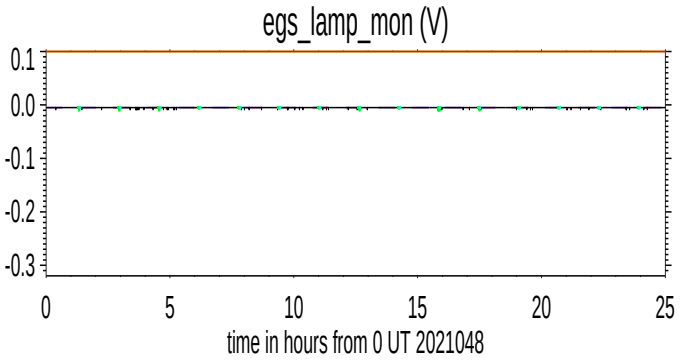
time in hours from 0 UT 2021048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-0.1
-0.2
-0.3
0
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10
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20
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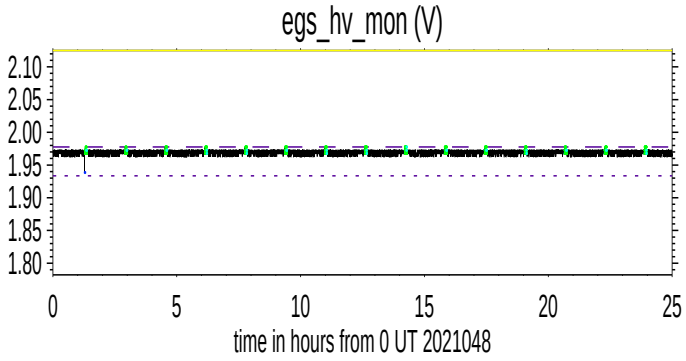
time in hours from 0 UT 2021048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2.10
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1.95
1.90
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1.80
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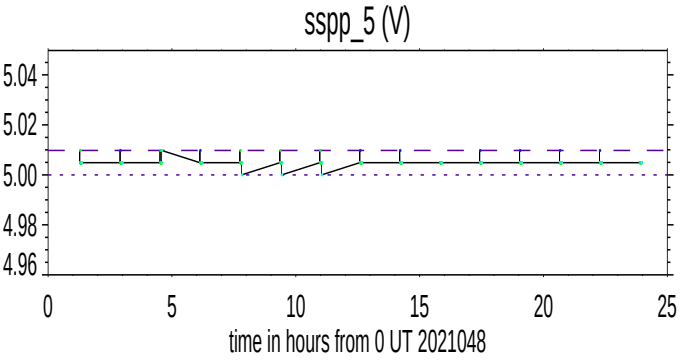
10
15
20
25
time in hours from 0 UT 2021048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5.00
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4.96
0
5
10
15
20
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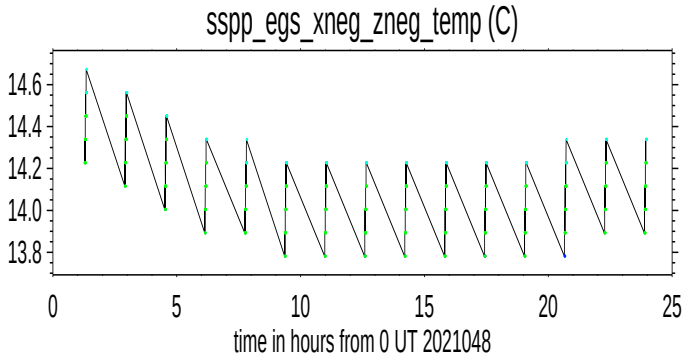
time in hours from 0 UT 2021048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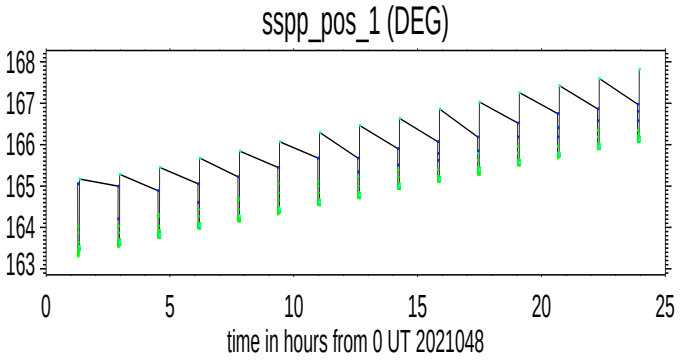
time in hours from 0 UT 2021048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163
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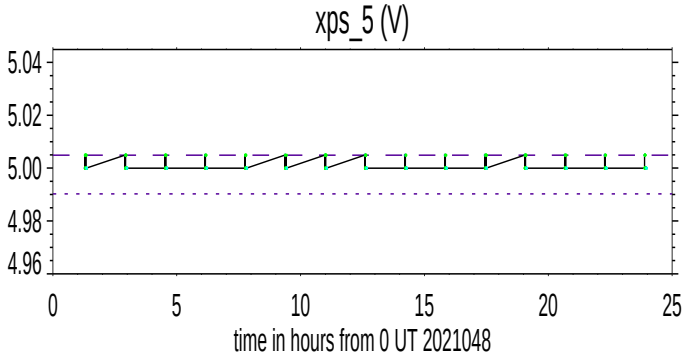
5
10
15
20
25
time in hours from 0 UT 2021048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4.96
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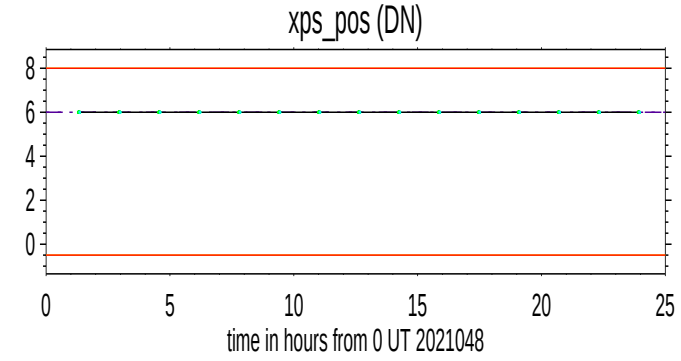
10
15
20
25
time in hours from 0 UT 2021048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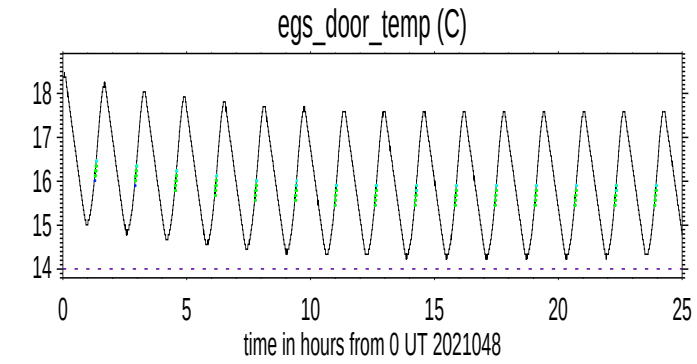
time in hours from 0 UT 2021048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10
15
20
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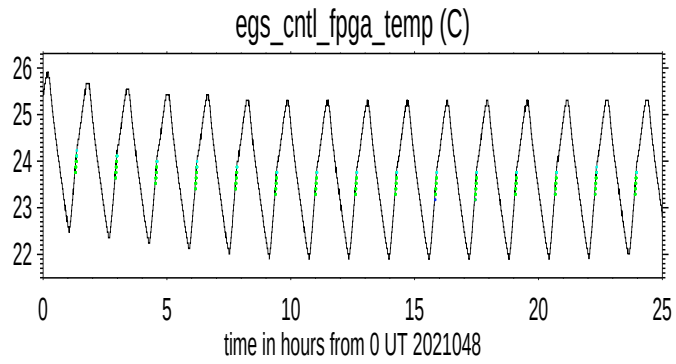
time in hours from 0 UT 2021048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10
15
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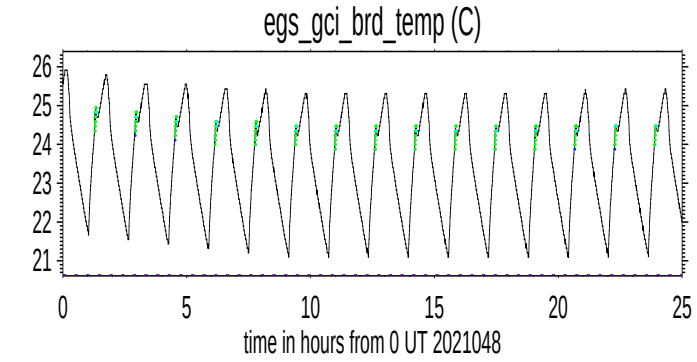
25
time in hours from 0 UT 2021048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20
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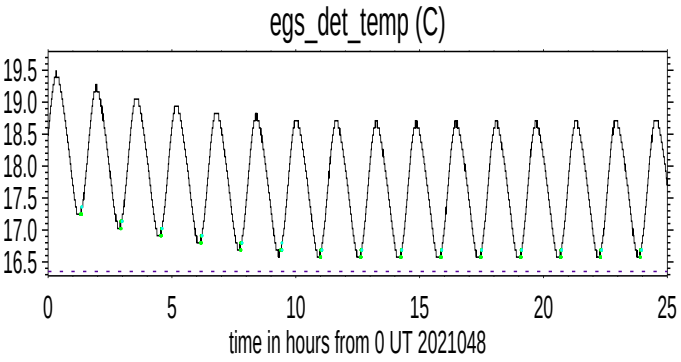
time in hours from 0 UT 2021048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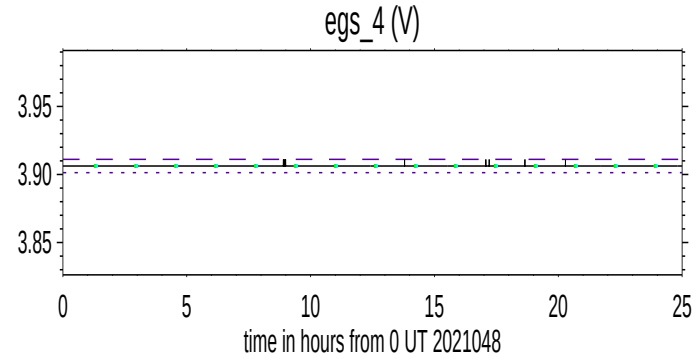
25
time in hours from 0 UT 2021048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10
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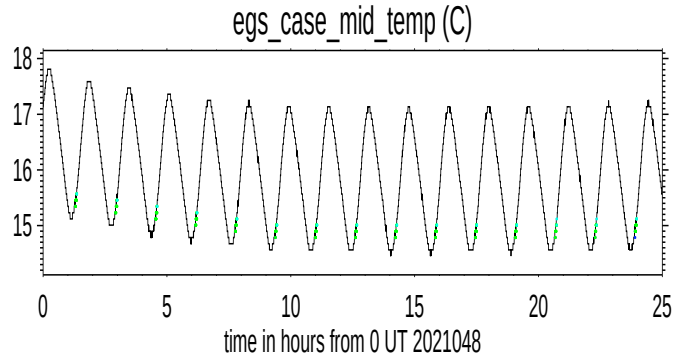
20
25
time in hours from 0 UT 2021048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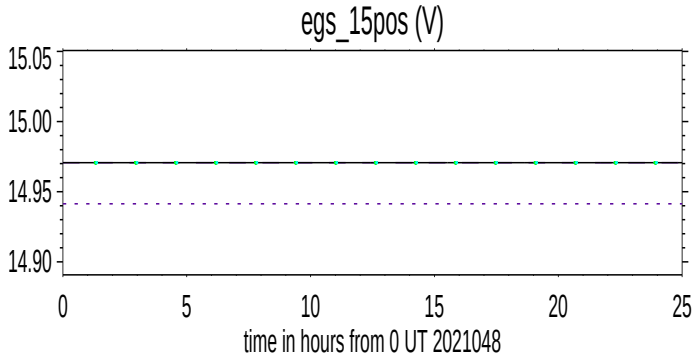
15
20
25
time in hours from 0 UT 2021048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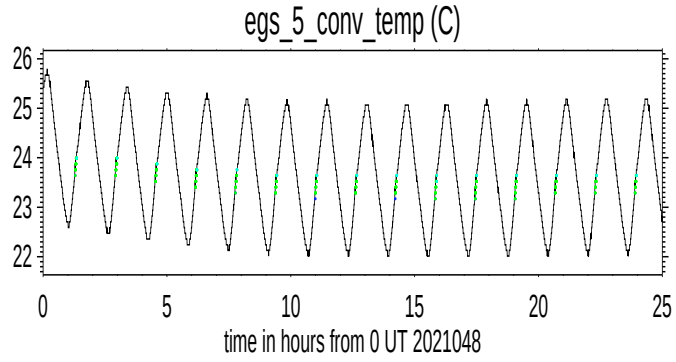
5
10
15
20
25
time in hours from 0 UT 2021048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25
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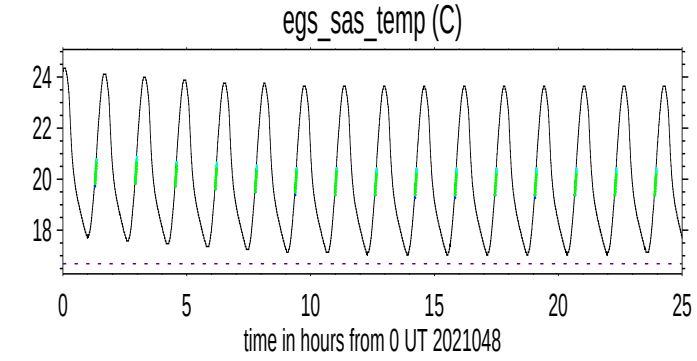
15
20
25
time in hours from 0 UT 2021048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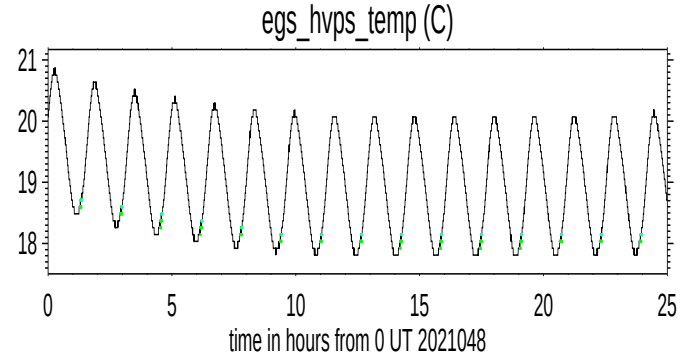
time in hours from 0 UT 2021048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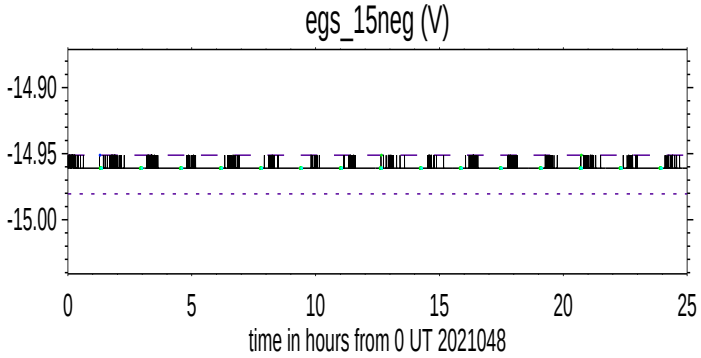
10
15
20
25
time in hours from 0 UT 2021048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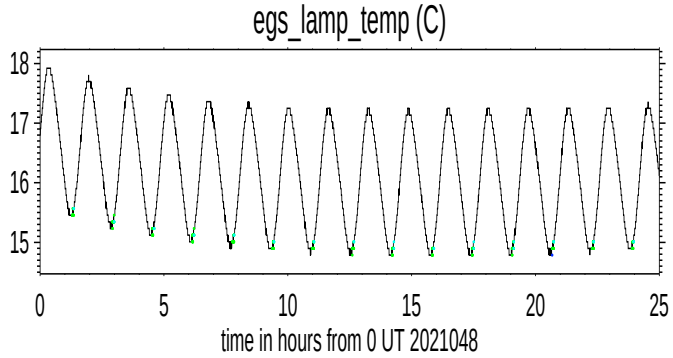
-14.95
-15.00
0
5
10
15
20
25
time in hours from 0 UT 2021048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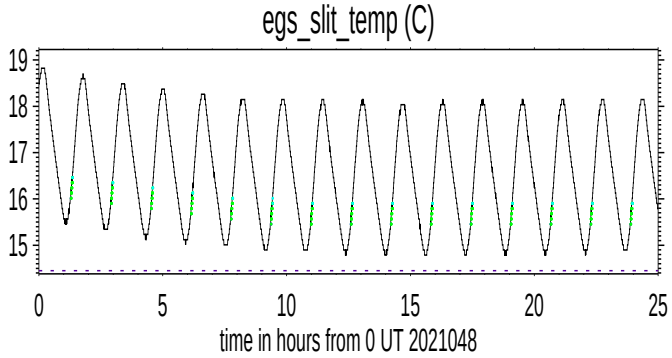
10
15
20
25
time in hours from 0 UT 2021048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16
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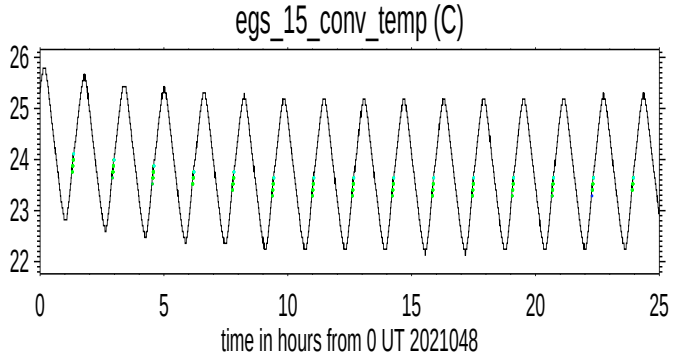
10
15
20
25
time in hours from 0 UT 2021048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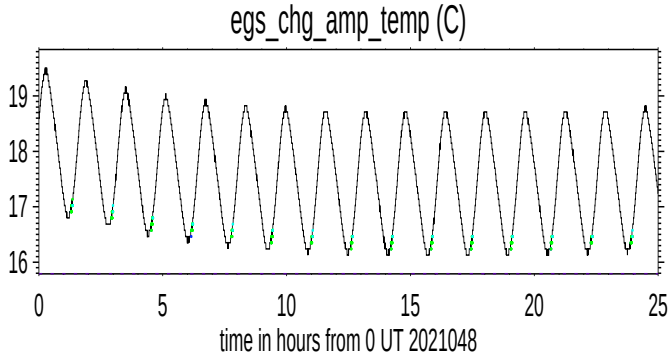
15
20
25
time in hours from 0 UT 2021048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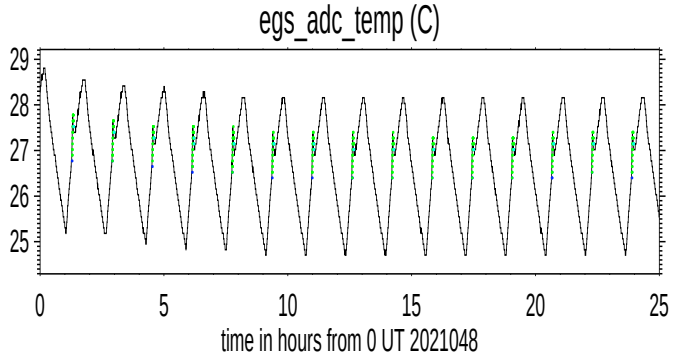
5
10
15
20
25
time in hours from 0 UT 2021048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26
25
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5
10
15
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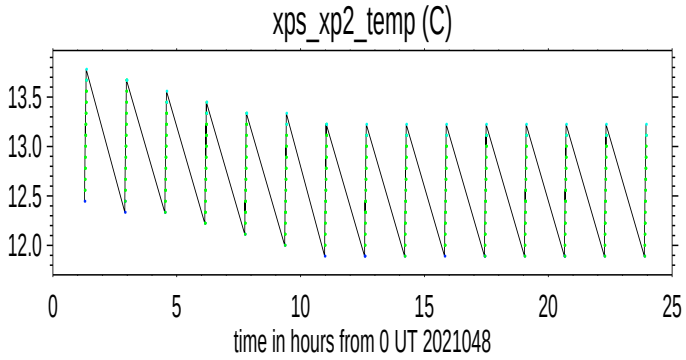
25
time in hours from 0 UT 2021048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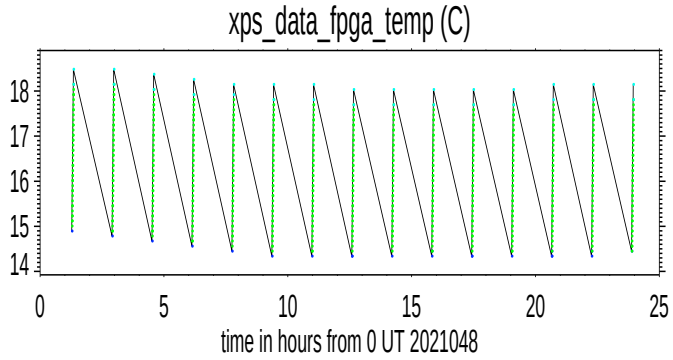
15
20
25
time in hours from 0 UT 2021048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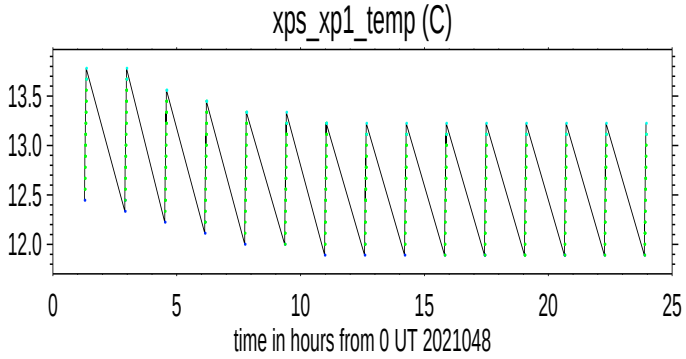
5
10
15
20
25
time in hours from 0 UT 2021048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10
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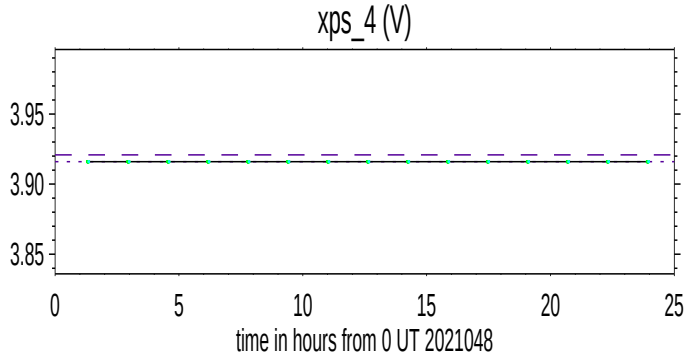
20
25
time in hours from 0 UT 2021048


xps_4 (V)
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3.90
3.85
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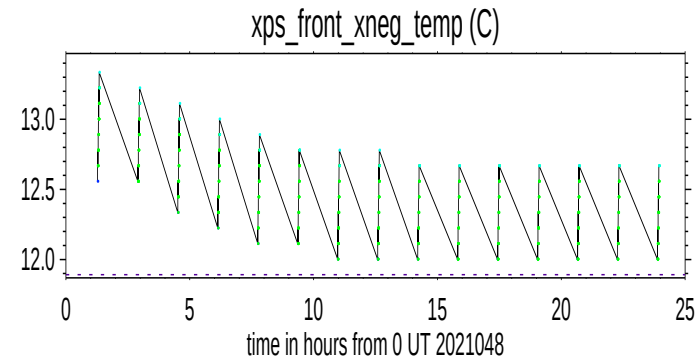
5
10
15
20
25
time in hours from 0 UT 2021048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0
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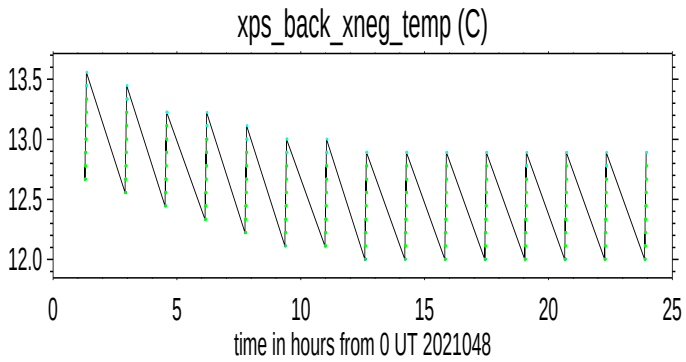
10
15
20
25
time in hours from 0 UT 2021048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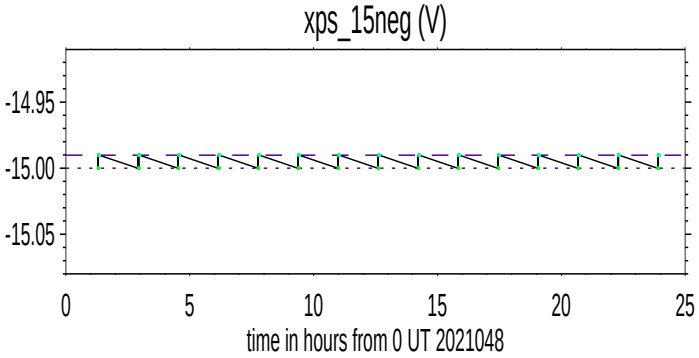
25
time in hours from 0 UT 2021048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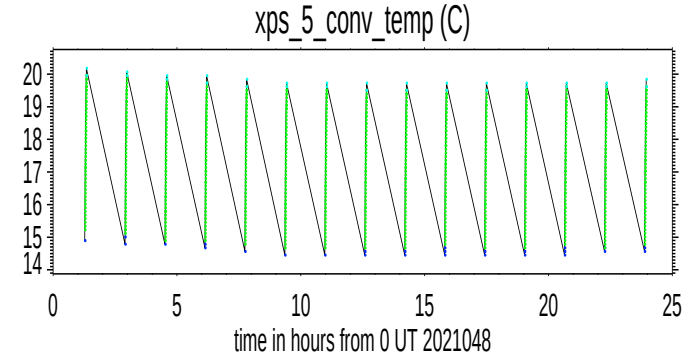
15
20
25
time in hours from 0 UT 2021048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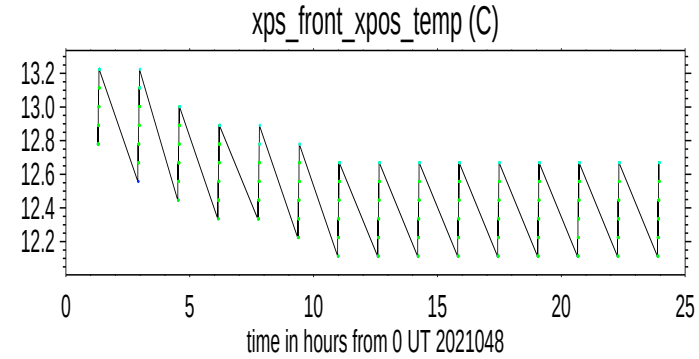
15
20
25
time in hours from 0 UT 2021048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12.4
12.2
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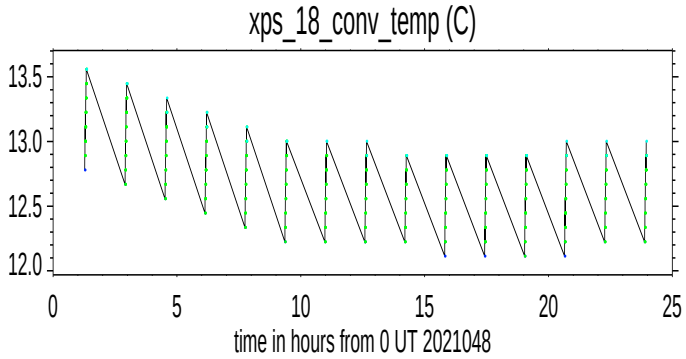
10
15
20
25
time in hours from 0 UT 2021048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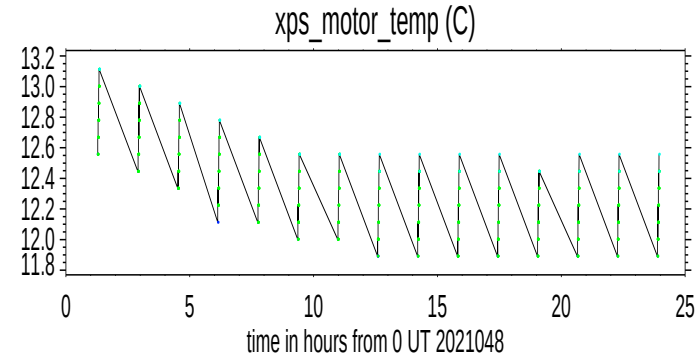
time in hours from 0 UT 2021048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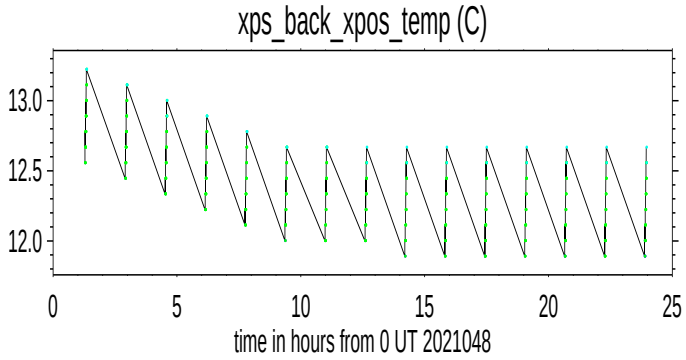
time in hours from 0 UT 2021048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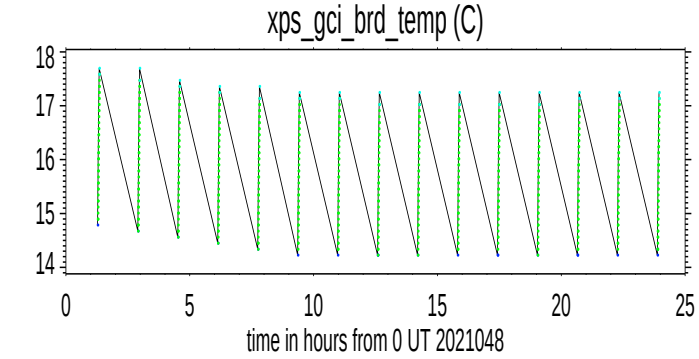
20
25
time in hours from 0 UT 2021048


xps_gci_brd_temp (C)
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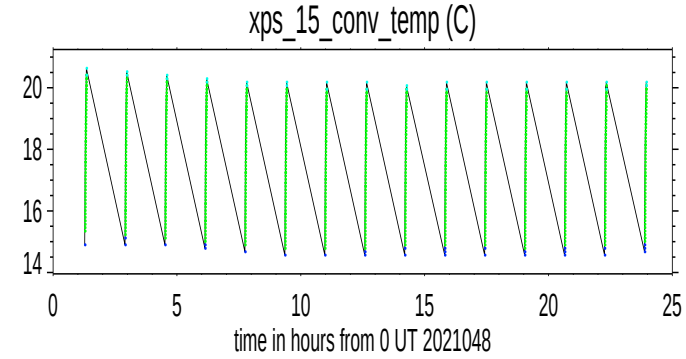
10
15
20
25
time in hours from 0 UT 2021048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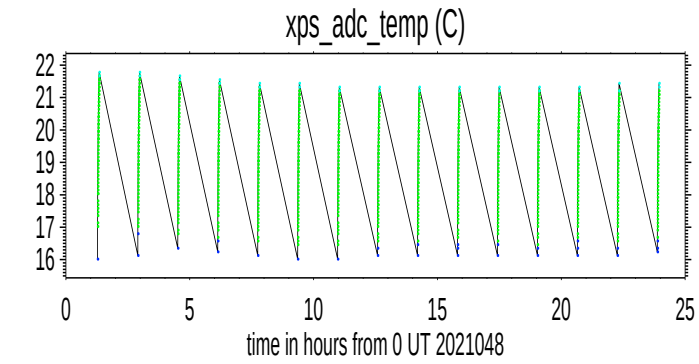
time in hours from 0 UT 2021048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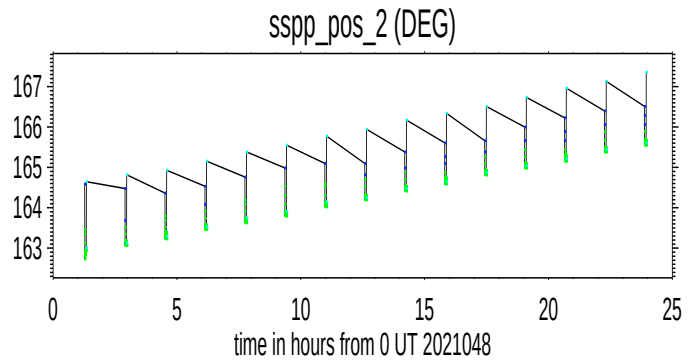
time in hours from 0 UT 2021048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166
165
164
163
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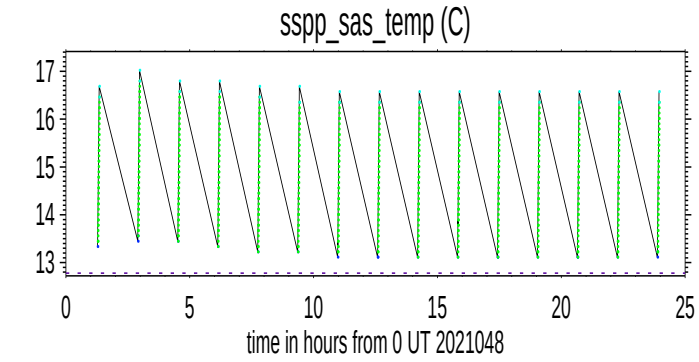
15
20
25
time in hours from 0 UT 2021048


sspp_sas_temp (C)
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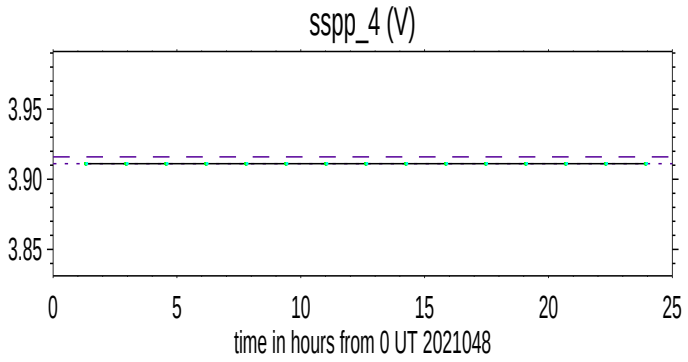
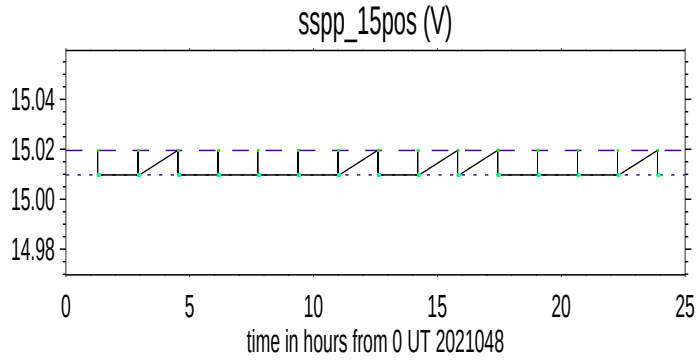
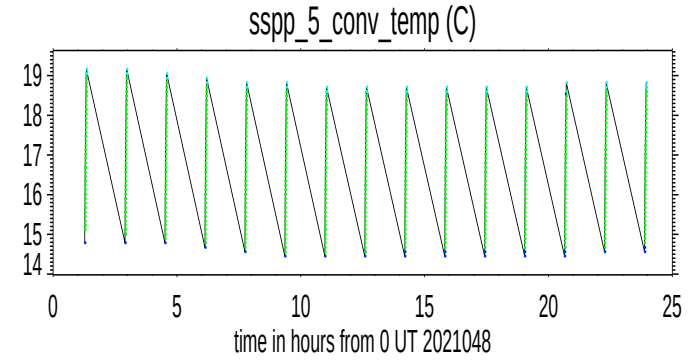
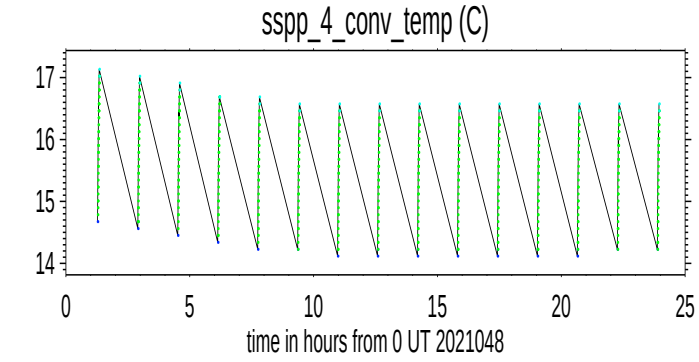
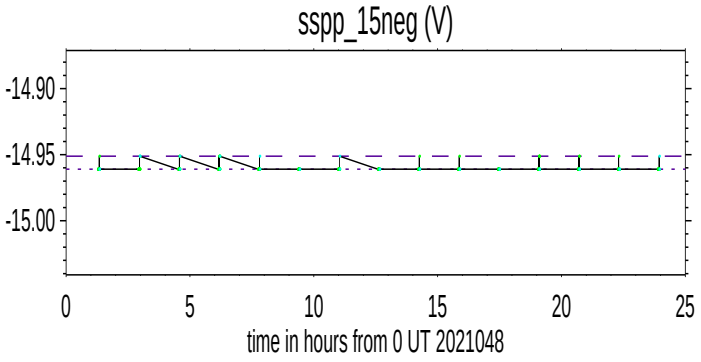
15
20
25
time in hours from 0 UT 2021048

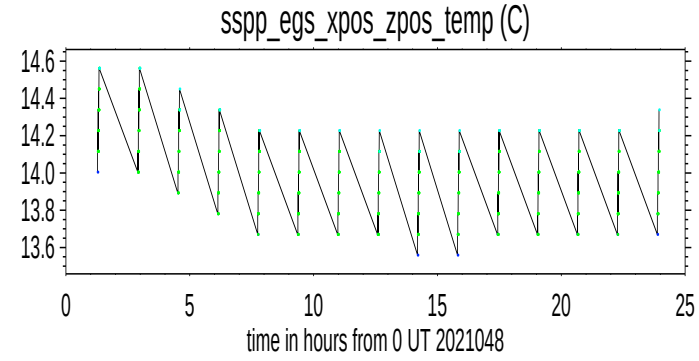

sspp_4 (V)
3.95
3.90
3.85
0
5
10
15
20
25
time in hours from 0 UT 2021048

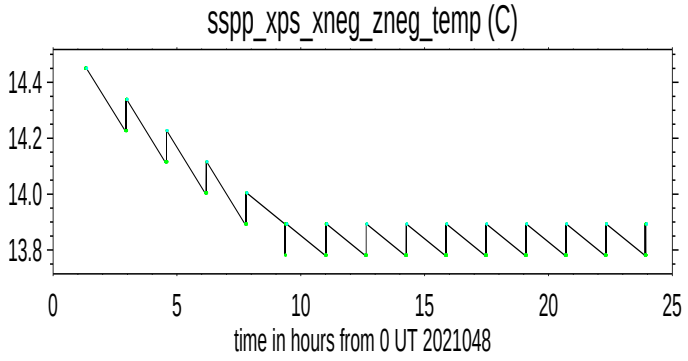

sspp_15pos (V)
15.04
15.02
15.00
14.98
0
5
10
15
20
25
time in hours from 0 UT 2021048

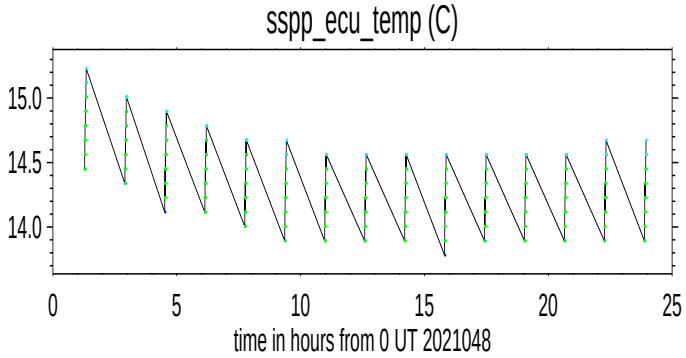

sspp_5_conv_temp (C)
19
18
17
16
15
14
0
5
10
15
20
25
time in hours from 0 UT 2021048

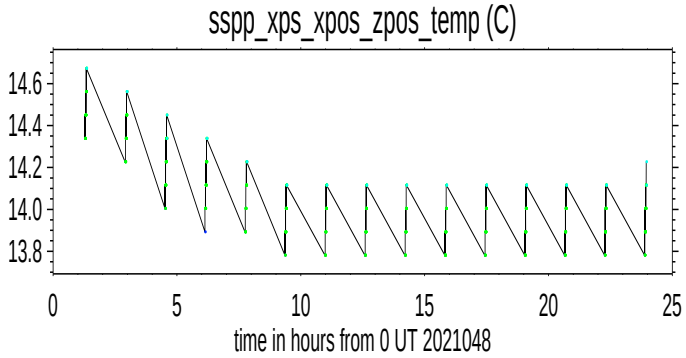

sspp_4_conv_temp (C)
17
16
15
14
0
5
10
15
20
25
time in hours from 0 UT 2021048

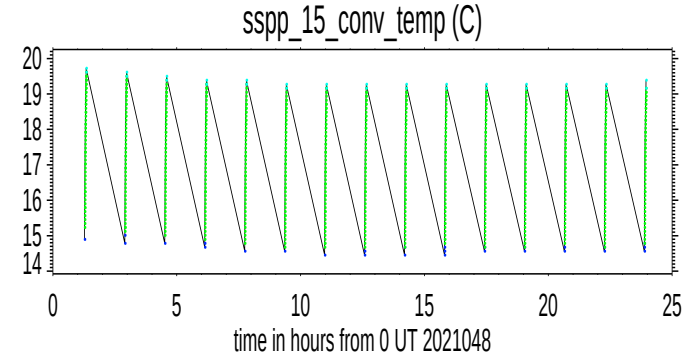

sspp_15neg (V)
-14.90
-14.95
-15.00
0
5
10
15
20
25
time in hours from 0 UT 2021048

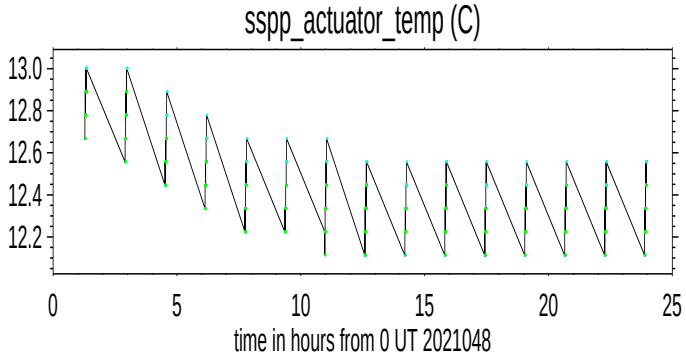

sspp_egs_xpos_zpos_temp (C)
14.6
14.4
14.2
14.0
13.8
13.6
0
5
10
15
20
25
time in hours from 0 UT 2021048

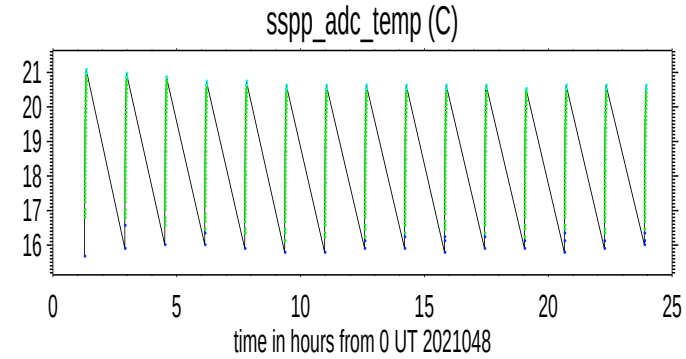

sspp_xps_xneg_zneg_temp (C)
14.4
14.2
14.0
13.8
0
5
10
15
20
25
time in hours from 0 UT 2021048

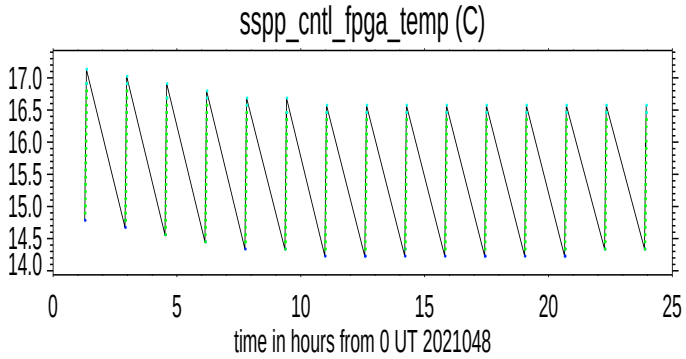

sspp_ecu_temp (C)
15.0
14.5
14.0
0
5
10
15
20
25
time in hours from 0 UT 2021048

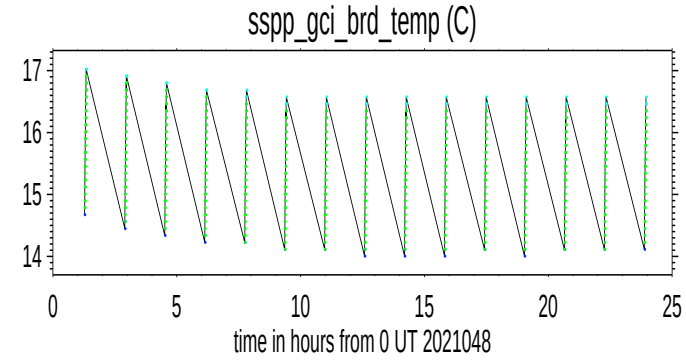

sspp_xps_xpos_zpos_temp (C)
14.6
14.4
14.2
14.0
13.8
0
5
10
15
20
25
time in hours from 0 UT 2021048

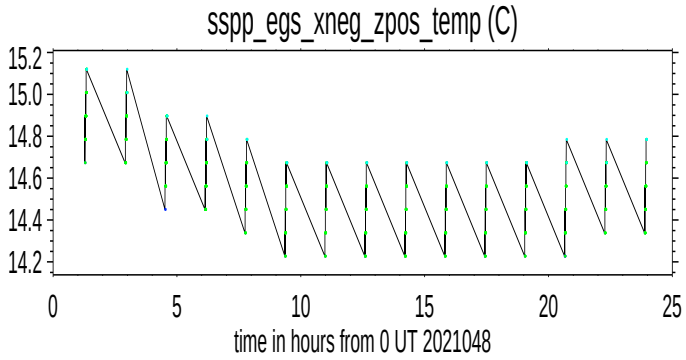

sspp_15_conv_temp (C)
20
19
18
17
16
15
14
0
5
10
15
20
25
time in hours from 0 UT 2021048

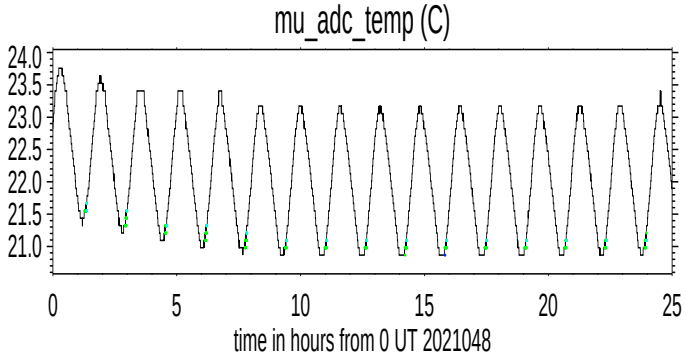

sspp_actuator_temp (C)
13.0
12.8
12.6
12.4
12.2
0
5
10
15
20
25
time in hours from 0 UT 2021048

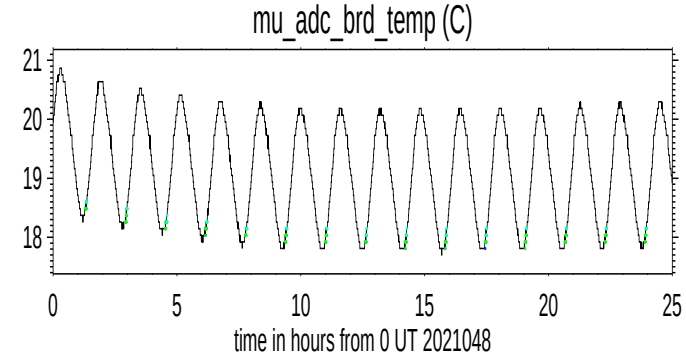

sspp_adc_temp (C)
21
20
19
18
17
16
0
5
10
15
20
25
time in hours from 0 UT 2021048

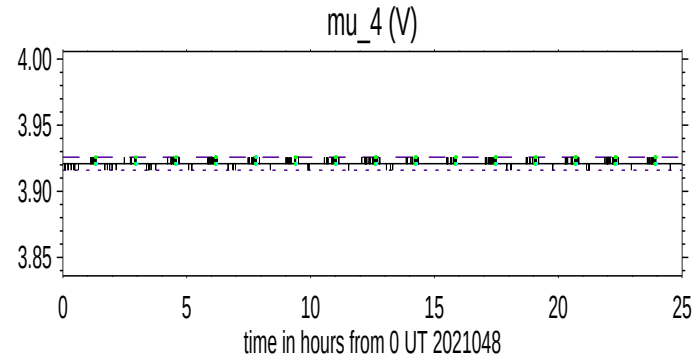

sspp_cntl_fpga_temp (C)
17.0
16.5
16.0
15.5
15.0
14.5
14.0
0
5
10
15
20
25
time in hours from 0 UT 2021048

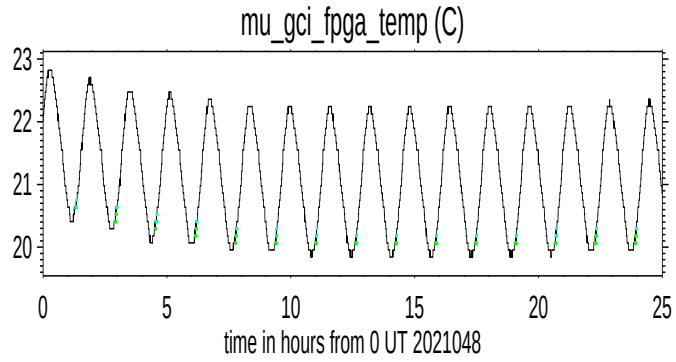

sspp_gci_brd_temp (C)
17
16
15
14
0
5
10
15
20
25
time in hours from 0 UT 2021048

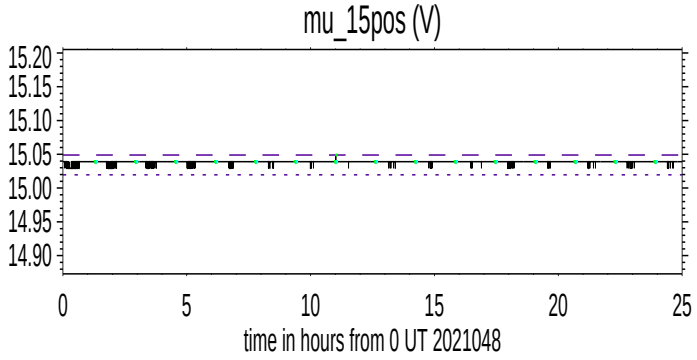

sspp_egs_xneg_zpos_temp (C)
15.2
15.0
14.8
14.6
14.4
14.2
0
5
10
15
20
25
time in hours from 0 UT 2021048

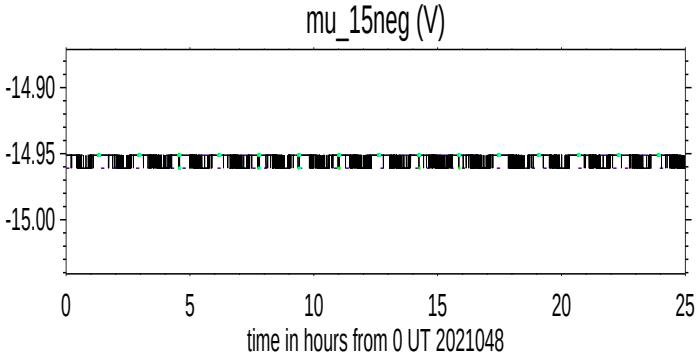

mu_adc_temp (C)
24.0
23.5
23.0
22.5
22.0
21.5
21.0
0
5
10
15
20
25
time in hours from 0 UT 2021048

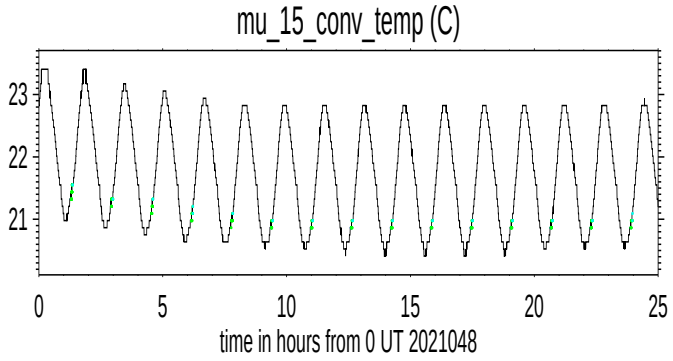

mu_adc_brd_temp (C)
21
20
19
18
0
5
10
15
20
25
time in hours from 0 UT 2021048

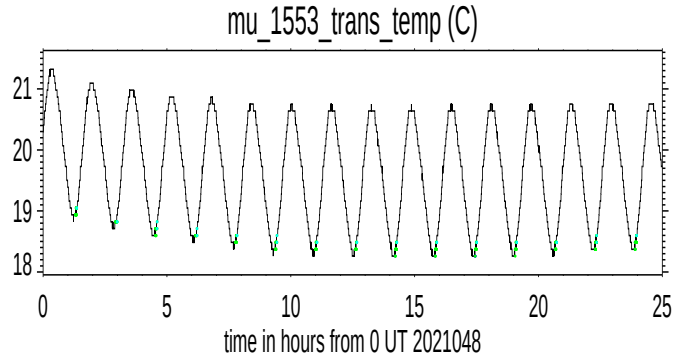

mu_4 (V)
4.00
3.95
3.90
3.85
0
5
10
15
20
25
time in hours from 0 UT 2021048

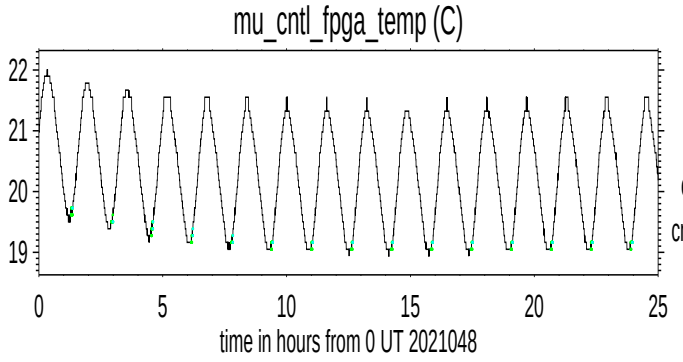

mu_gci_fpga_temp (C)
23
22
21
20
0
5
10
15
20
25
time in hours from 0 UT 2021048

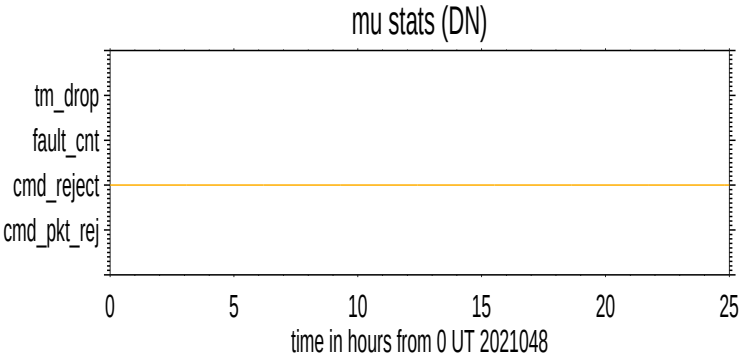

mu_15pos (V)
15.20
15.15
15.10
15.05
15.00
14.95
14.90
0
5
10
15
20
25
time in hours from 0 UT 2021048

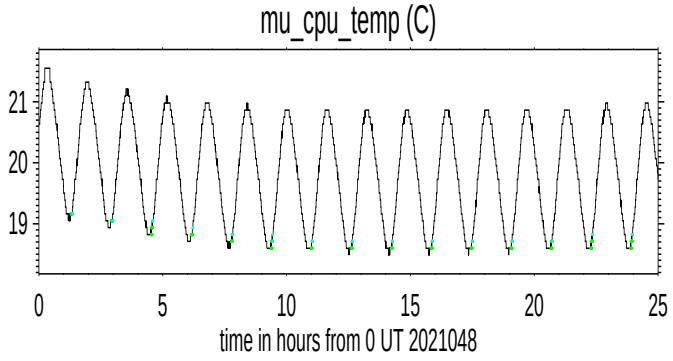

mu_15neg (V)
-14.90
-14.95
-15.00
0
5
10
15
20
25
time in hours from 0 UT 2021048

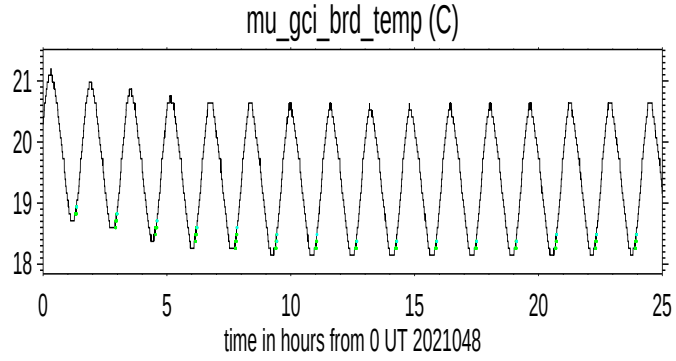

mu_15_conv_temp (C)
23
22
21
0
5
10
15
20
25
time in hours from 0 UT 2021048

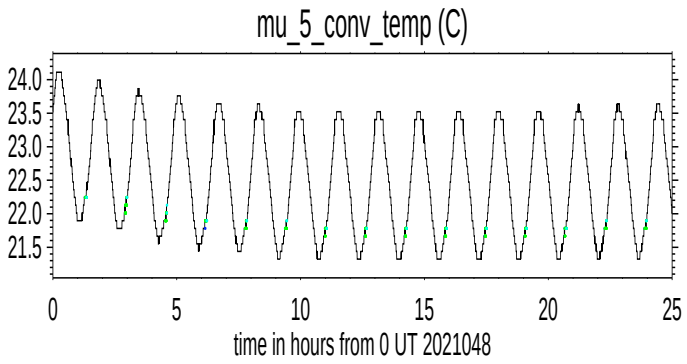

mu_1553_trans_temp (C)
21
20
19
18
0
5
10
15
20
25
time in hours from 0 UT 2021048

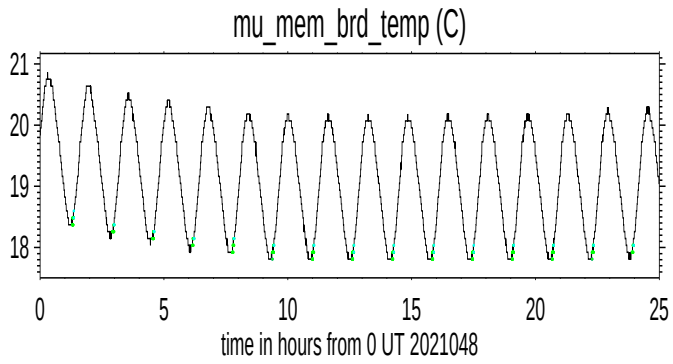

mu_cntl_fpga_temp (C)
22
21
20
19
0
5
10
15
20
25
time in hours from 0 UT 2021048

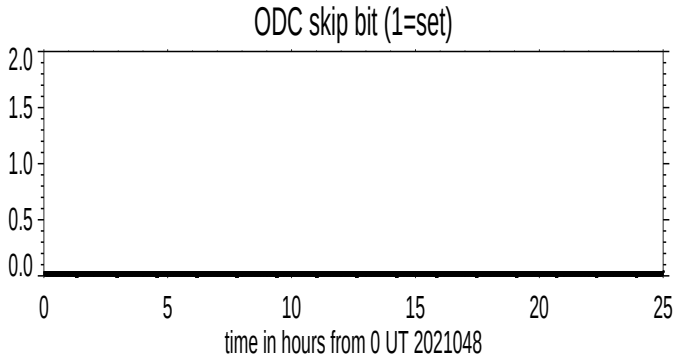

mu stats (DN)
tm_drop
fault_cnt
cmd_reject
cmd_pkt_rej
0
5
10
15
20
25
time in hours from 0 UT 2021048

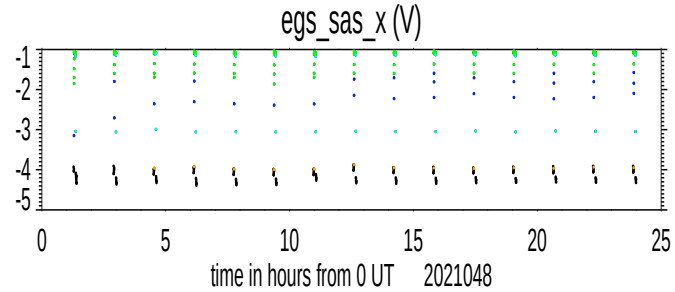

mu_cpu_temp (C)
21
20
19
0
5
10
15
20
25
time in hours from 0 UT 2021048

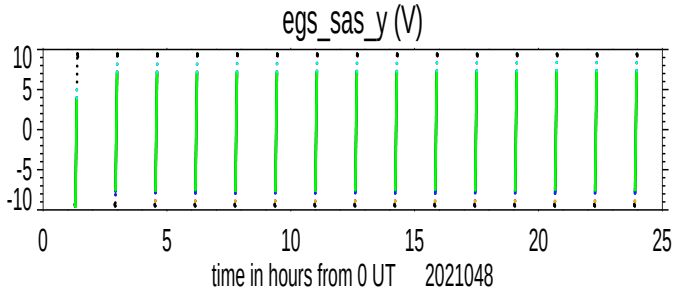

mu_gci_brd_temp (C)
21
20
19
18
0
5
10
15
20
25
time in hours from 0 UT 2021048

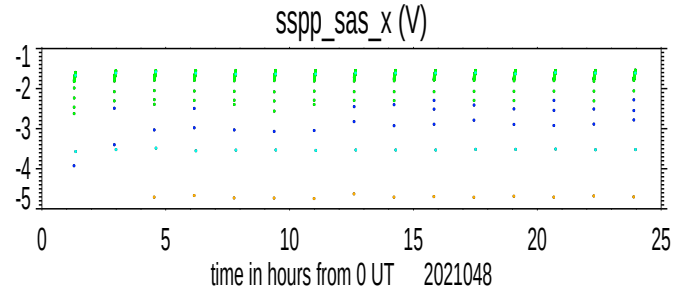

mu_5_conv_temp (C)
24.0
23.5
23.0
22.5
22.0
21.5
0
5
10
15
20
25
time in hours from 0 UT 2021048

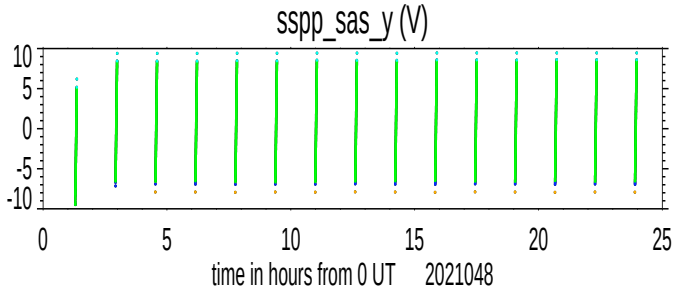

mu_mem_brd_temp (C)
21
20
19
18
0
5
10
15
20
25
time in hours from 0 UT 2021048

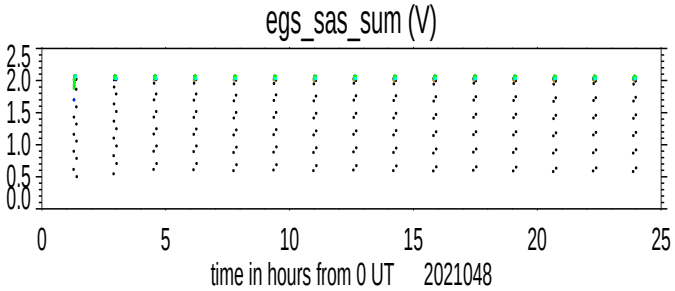

ODC skip bit (1=set)
2.0
1.5
1.0
0.5
0.0
0
5
10
15
20
25
time in hours from 0 UT 2021048

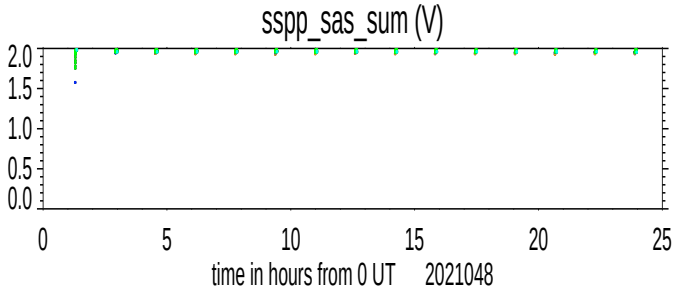

egs_sas_x (V)
time in hours from 0 UT 2021048

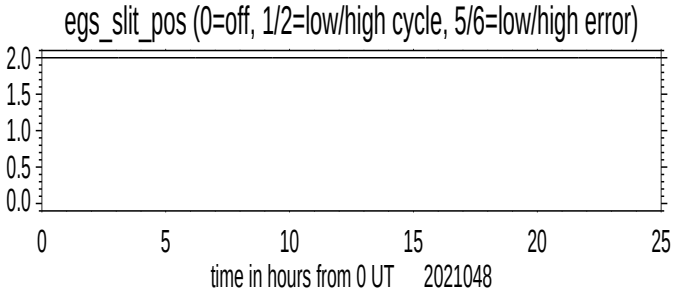

egs_sas_y (V)
time in hours from 0 UT 2021048

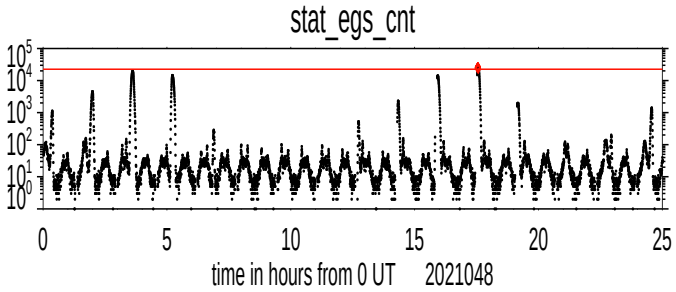

sspp_sas_x (V)
time in hours from 0 UT 2021048

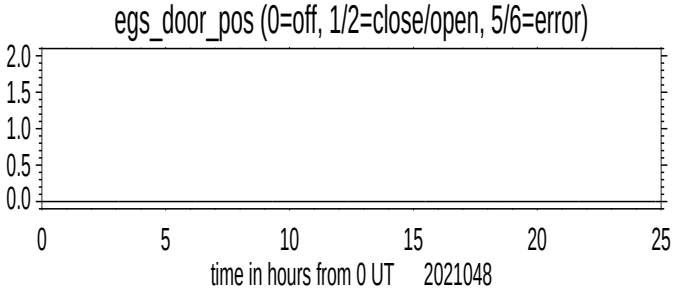

sspp_sas_y (V)
time in hours from 0 UT 2021048

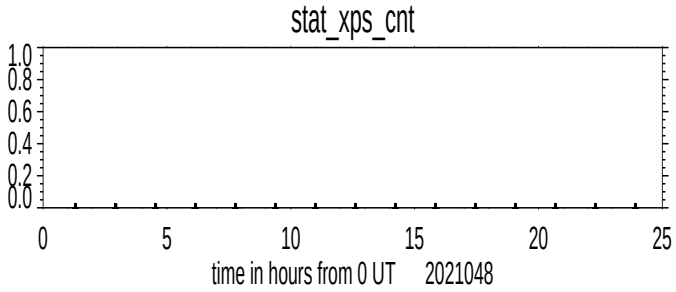

egs_sas_sum (V)
time in hours from 0 UT 2021048

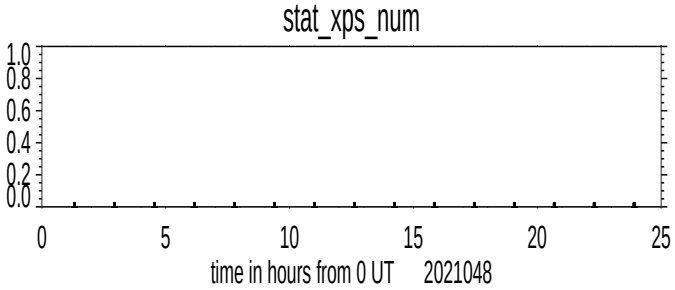

sspp_sas_sum (V)
time in hours from 0 UT 2021048

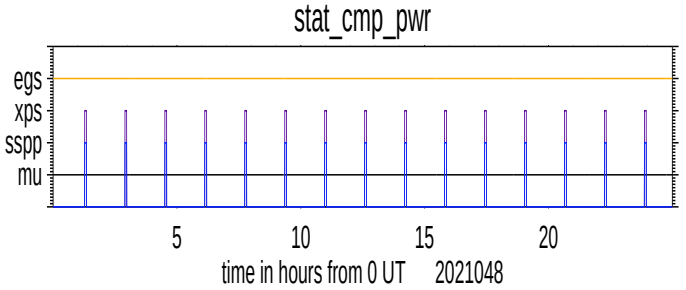

egs_slit_pos (0=off, 1/2=low/high cycle, 5/6=low/high error)
time in hours from 0 UT 2021048

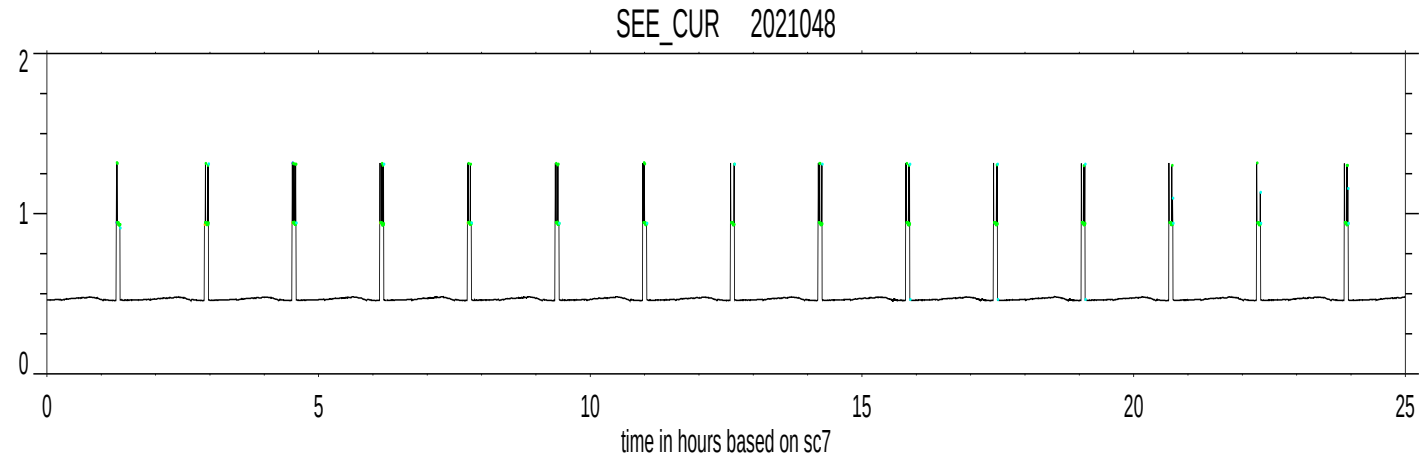

stat_egs_cnt
time in hours from 0 UT 2021048

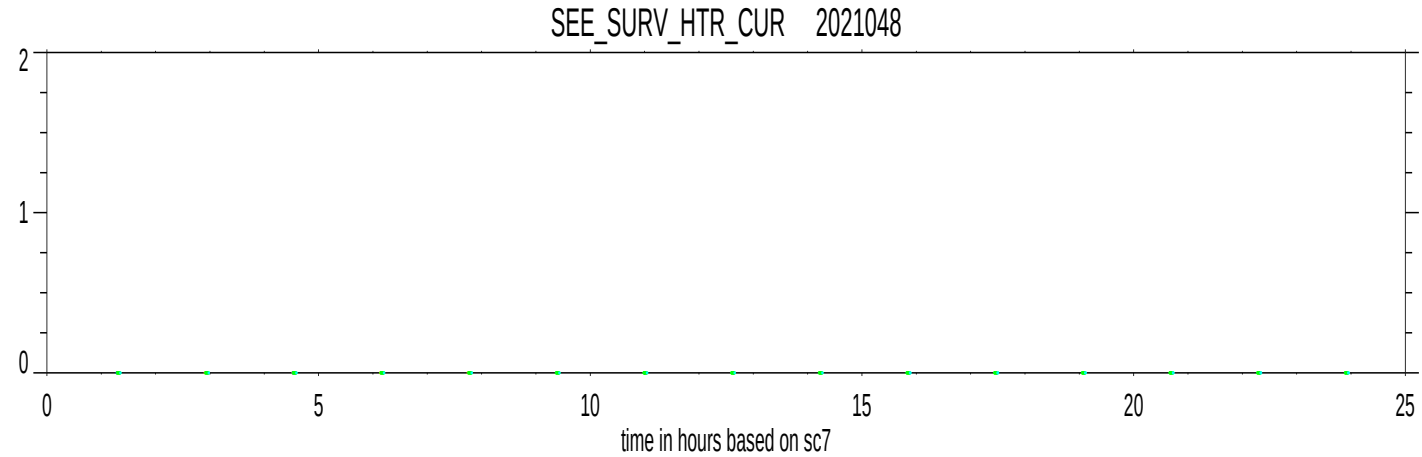

egs_door_pos (0=off, 1/2=close/open, 5/6=error)
time in hours from 0 UT 2021048

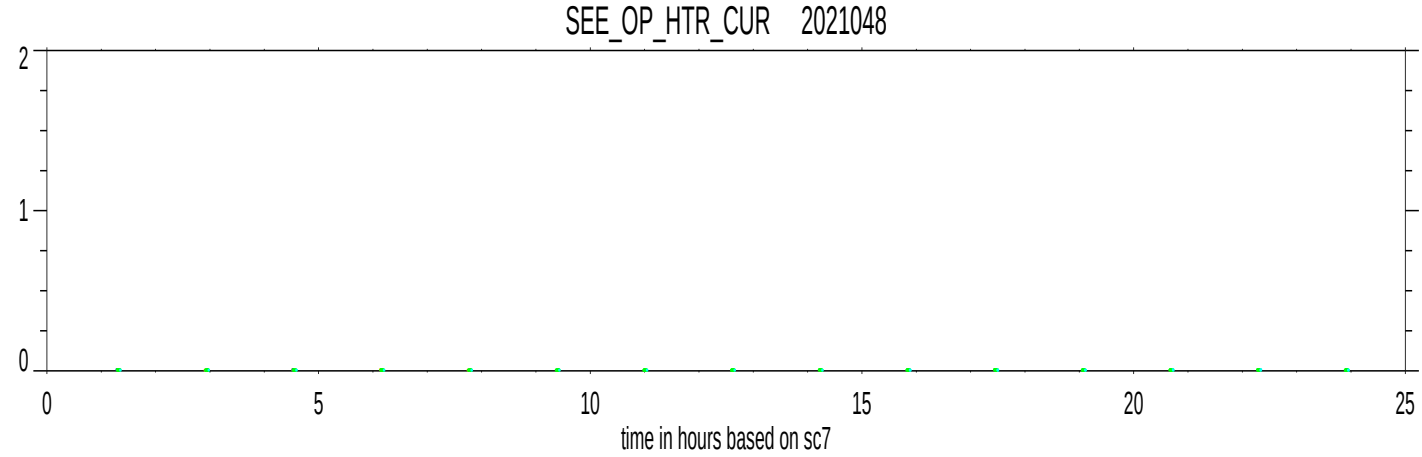

stat_xps_cnt
time in hours from 0 UT 2021048

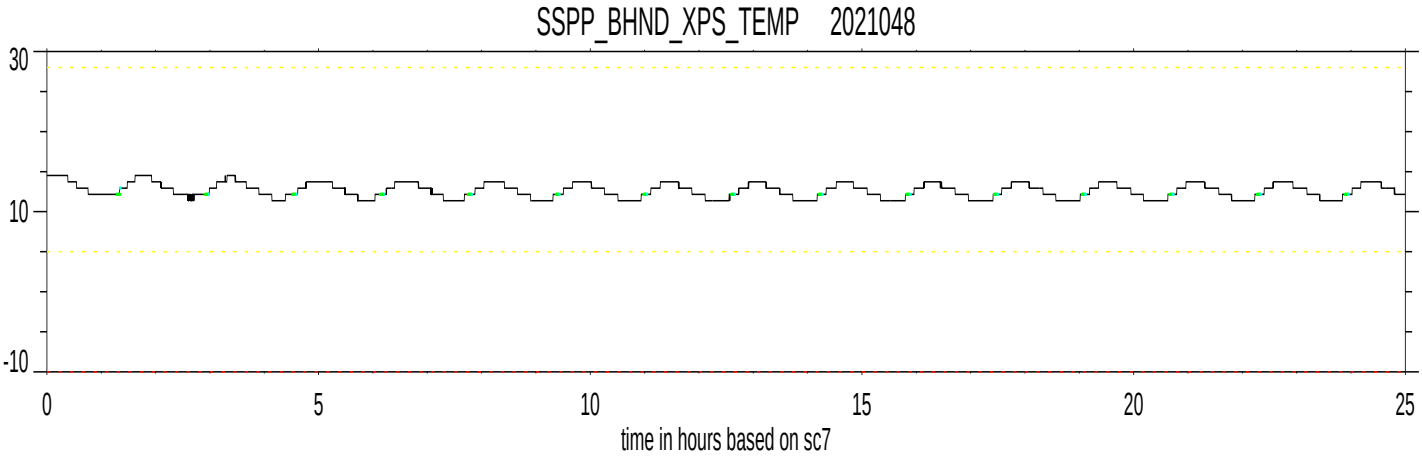

stat_xps_num
time in hours from 0 UT 2021048


stat_cmp_pwr
egs
xps
sspp
mu
time in hours from 0 UT 2021048

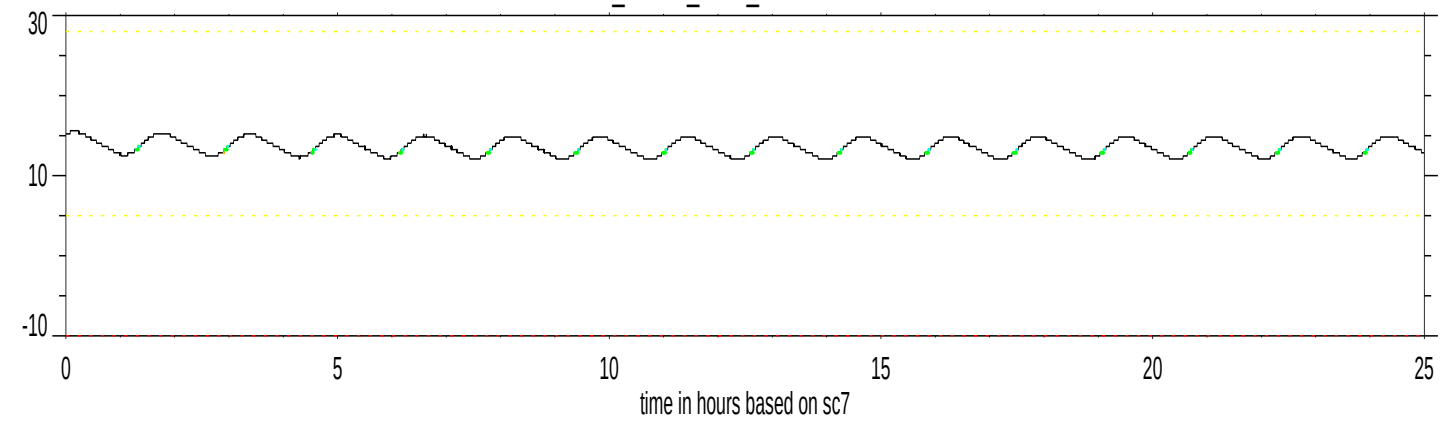

SEE_CUR 2021048
2
1
0
0
5
10
15
20
25
time in hours based on sc7


SEE_SURV_HTR_CUR 2021048
2
1
0
0
5
10
15
20
25
time in hours based on sc7

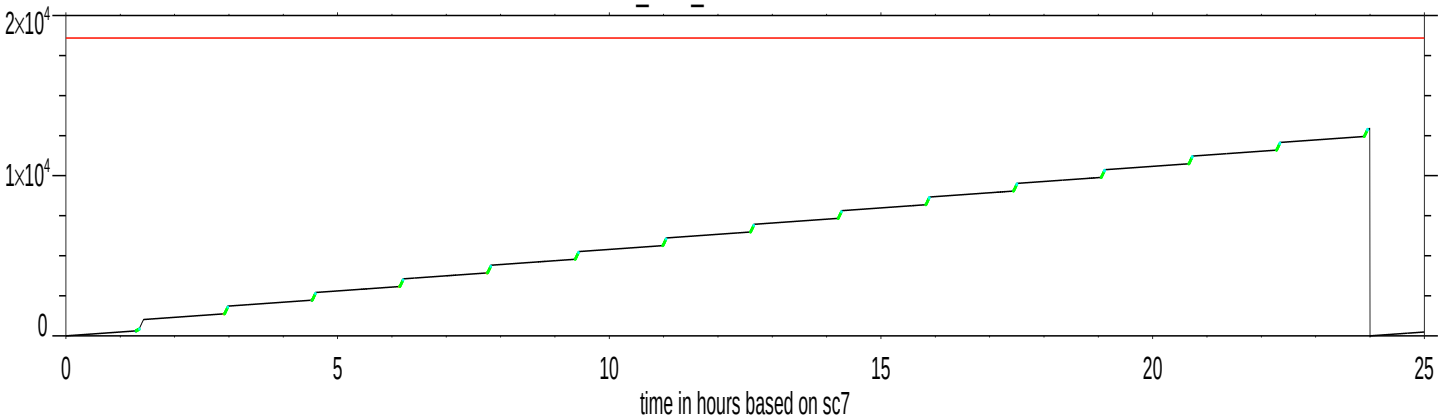

SEE_OP_HTR_CUR 2021048
2
1
0
0
5
10
15
20
25
time in hours based on sc7


SSPP_BHND_XPS_TEMP 2021048
30
10
-10
0
5
10
15
20
25
time in hours based on sc7

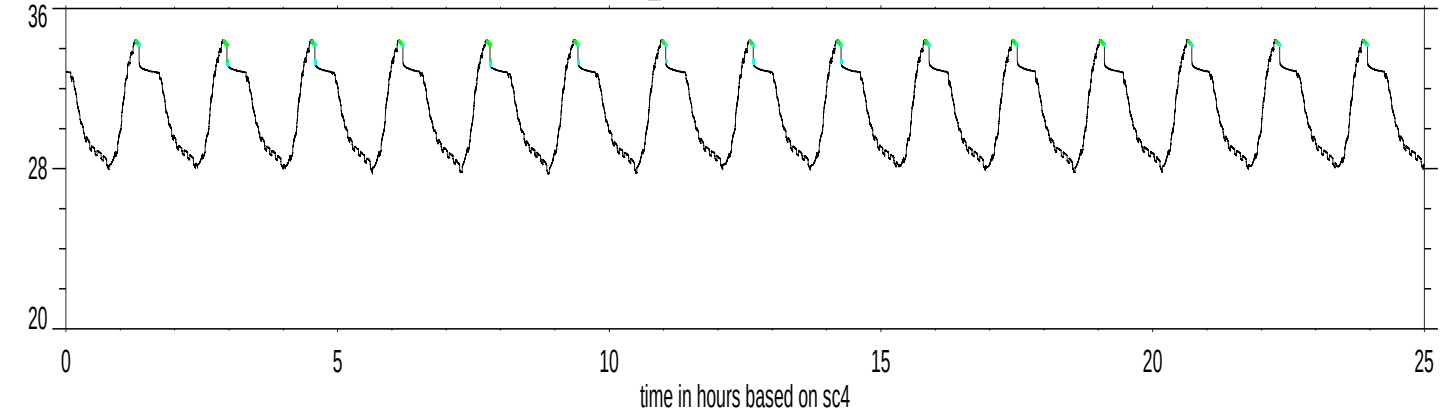
SSPP_BHND_MTR_TEMP 2021048



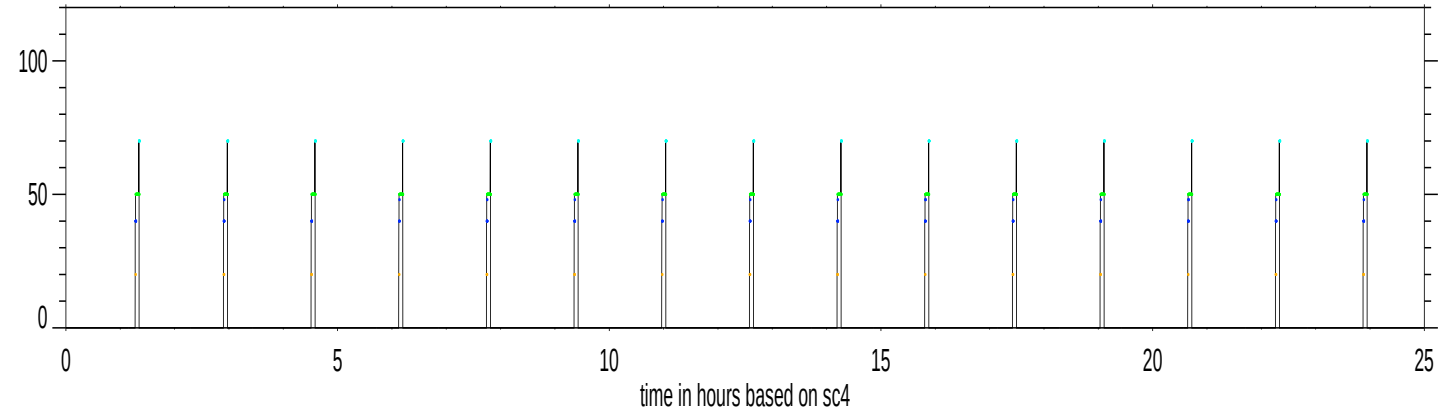
SEE_PKT_COUNT 2021048

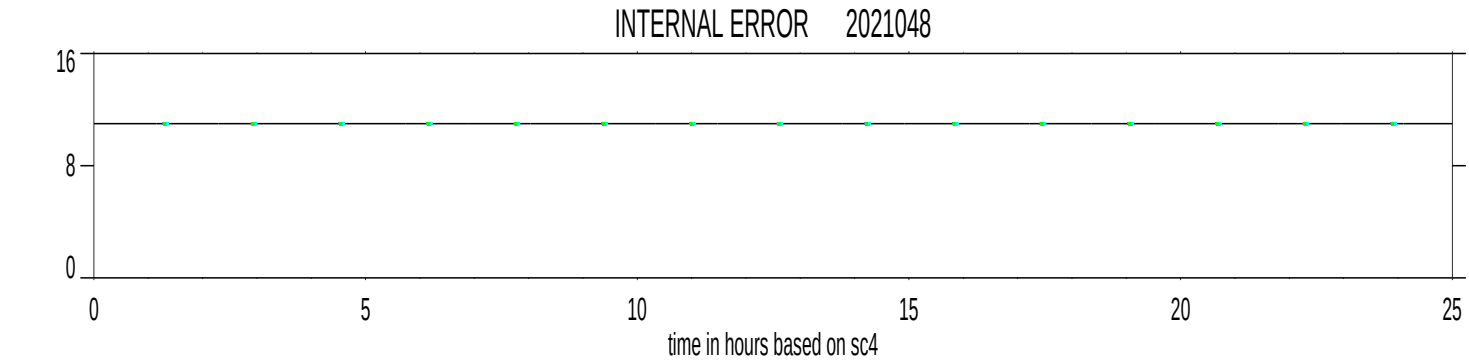


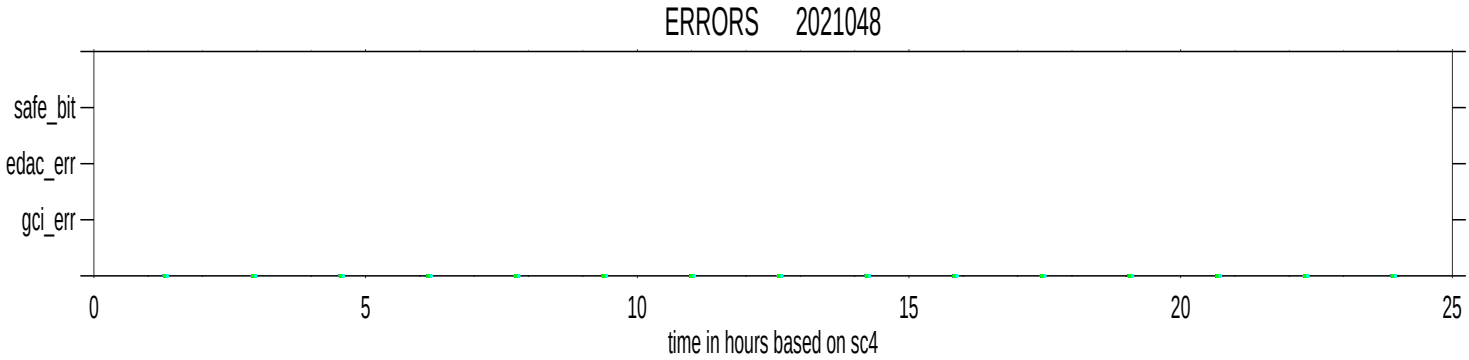
BUS_VOLTAGE 2021048

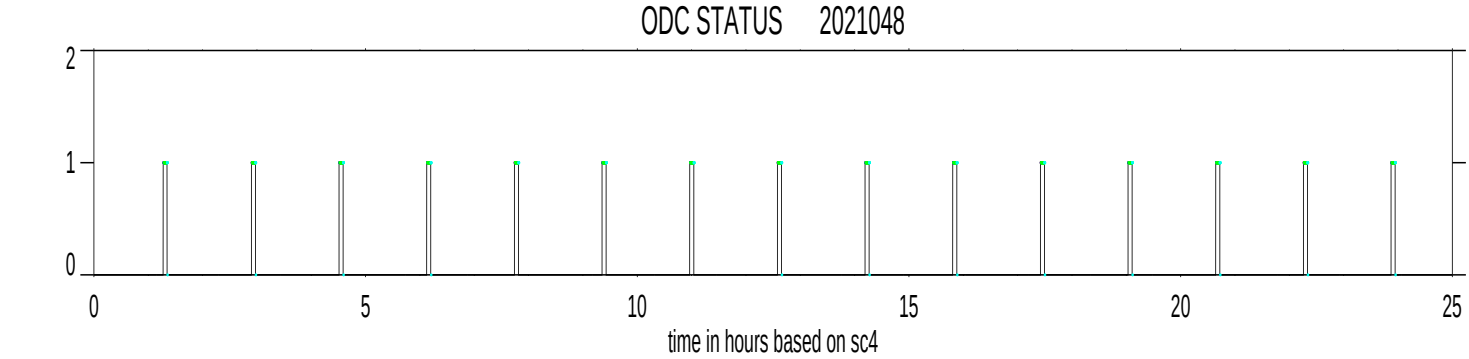


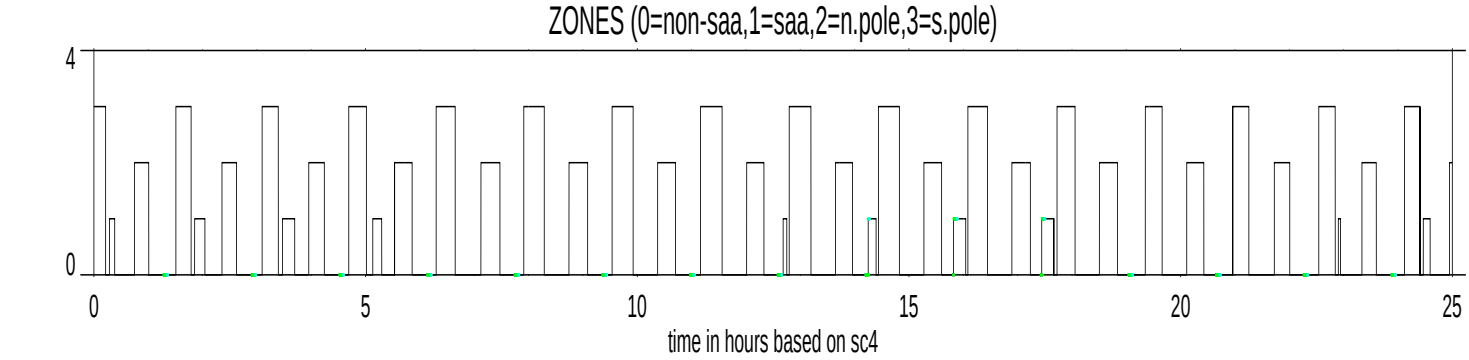
SEE_MU Operational Mode 2021048

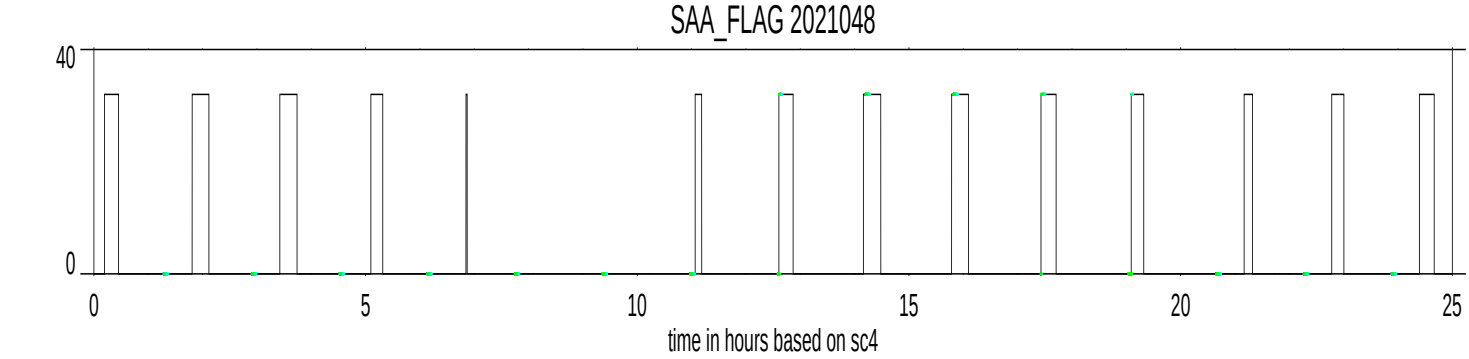


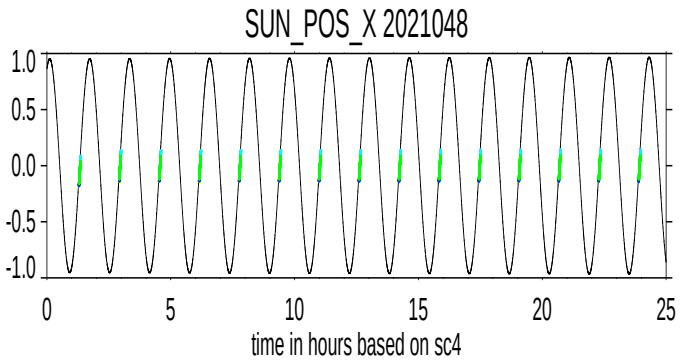

INTERNAL ERROR 2021048
16
8
0
0
5
10
15
20
25
time in hours based on sc4

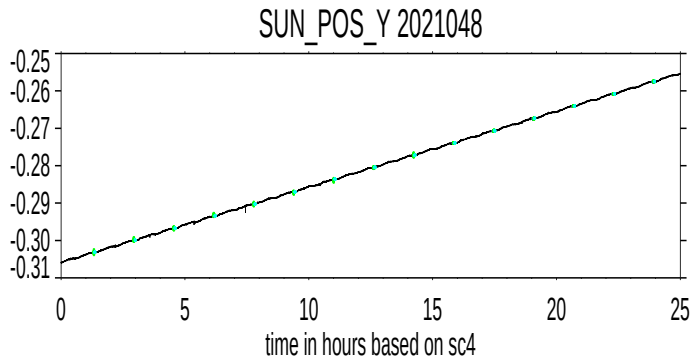

ERRORS 2021048
safe_bit
edac_err
gci_err
0
5
10
15
20
25
time in hours based on sc4

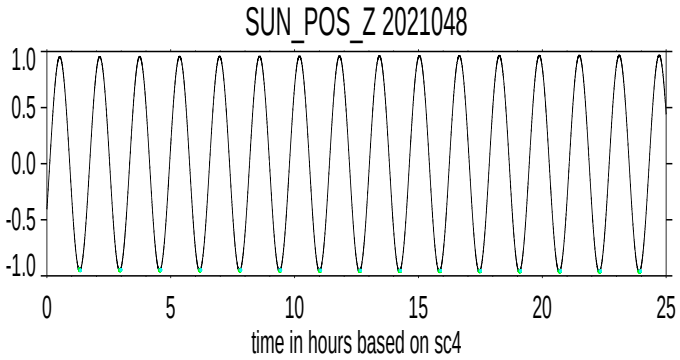

ODC STATUS 2021048
2
1
0
0
5
10
15
20
25
time in hours based on sc4

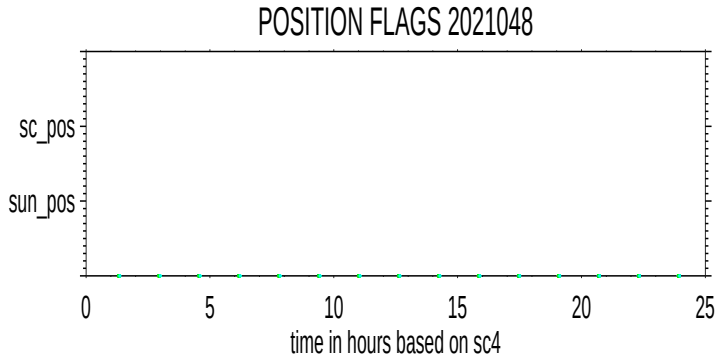

ZONES (0=non-saa,1=saa,2=n.pole,3=s.pole)
4
0
0
5
10
15
20
25
time in hours based on sc4

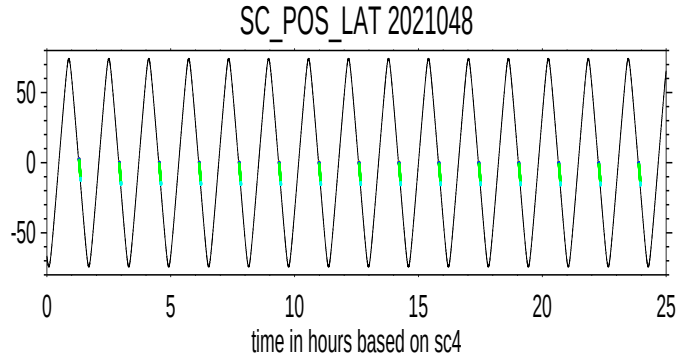

SAA_FLAG 2021048
40
0
0
5
10
15
20
25
time in hours based on sc4

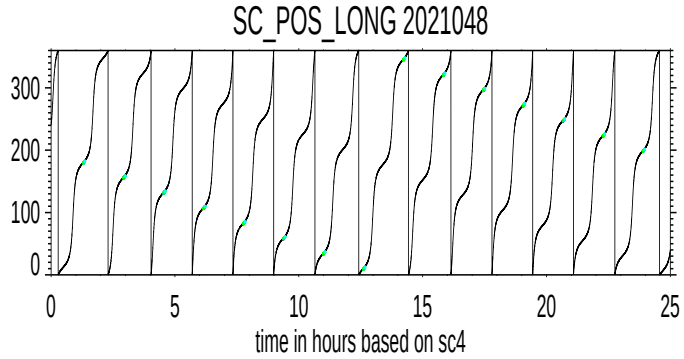

SUN_POS_X 2021048
1.0
0.5
0.0
-0.5
-1.0
0
5
10
15
20
25
time in hours based on sc4

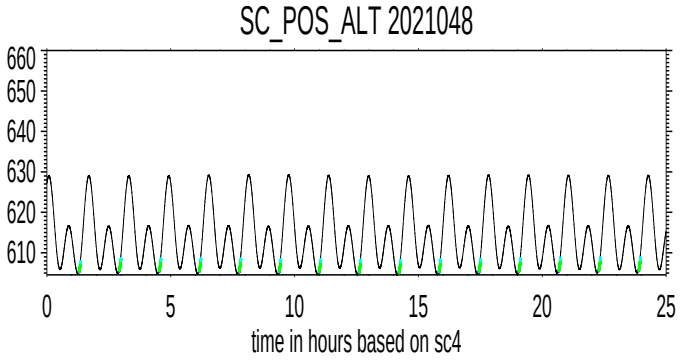

SUN_POS_Y 2021048
-0.25
-0.26
-0.27
-0.28
-0.29
-0.30
-0.31
0
5
10
15
20
25
time in hours based on sc4

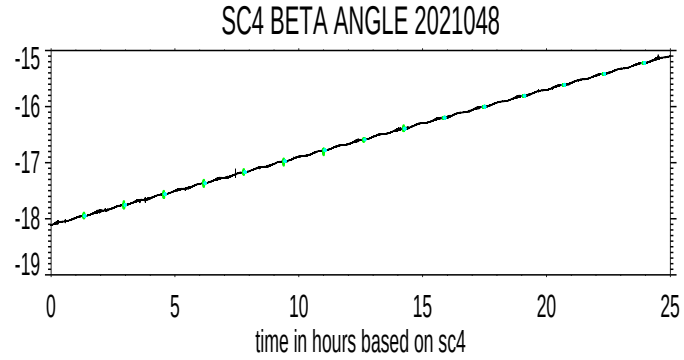

SUN_POS_Z 2021048
1.0
0.5
0.0
-0.5
-1.0
0
5
10
15
20
25
time in hours based on sc4


POSITION FLAGS 2021048
sc_pos
sun_pos
0
5
10
15
20
25
time in hours based on sc4


SC_POS_LAT 2021048
50
0
-50
0
5
10
15
20
25
time in hours based on sc4


SC_POS_LONG 2021048
300
200
100
0
0
5
10
15
20
25
time in hours based on sc4


SC_POS_ALT 2021048
660
650
640
630
620
610
0
5
10
15
20
25
time in hours based on sc4


SC4 BETA ANGLE 2021048
-15
-16
-17
-18
-19
0
5
10
15
20
25
time in hours based on sc4