```
Information for      2020036
19:15:19.002: see_stat[1]: 0 internal error
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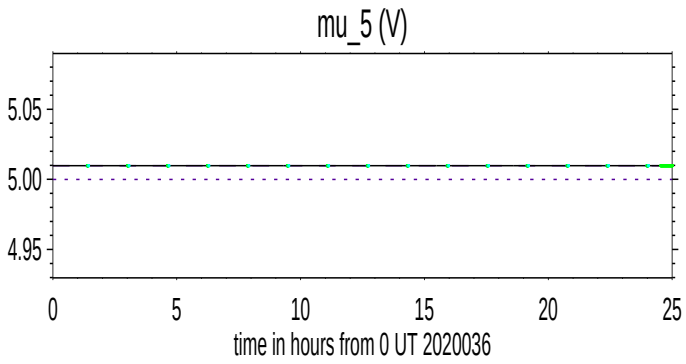
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5.00
4.95
0
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10
15
20
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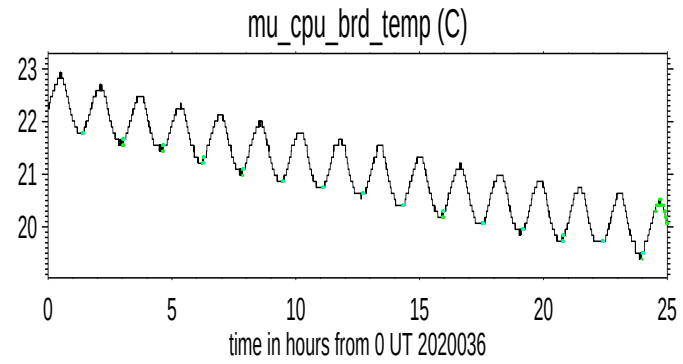
time in hours from 0 UT 2020036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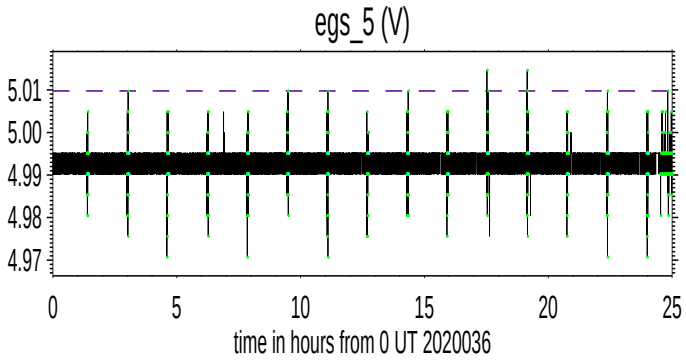
10
15
20
25
time in hours from 0 UT 2020036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5.00
4.99
4.98
4.97
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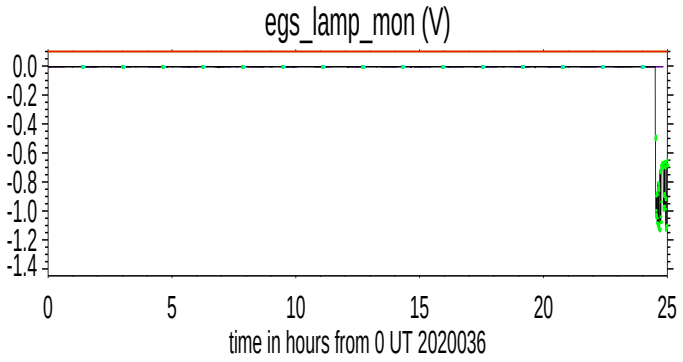
5
10
15
20
25
time in hours from 0 UT 2020036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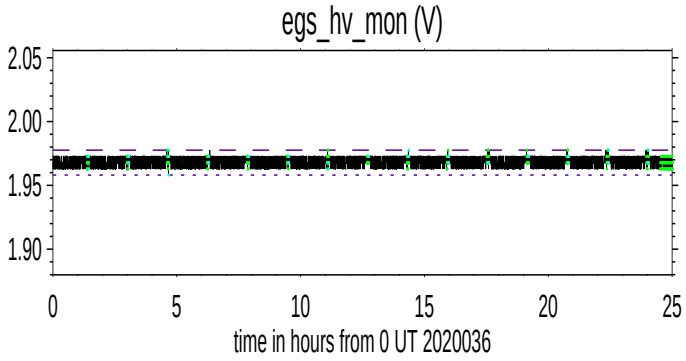
0.0
-0.2
-0.4
-0.6
-0.8
-1.0
-1.2
-1.4
0
5
10
15
20
25
time in hours from 0 UT 2020036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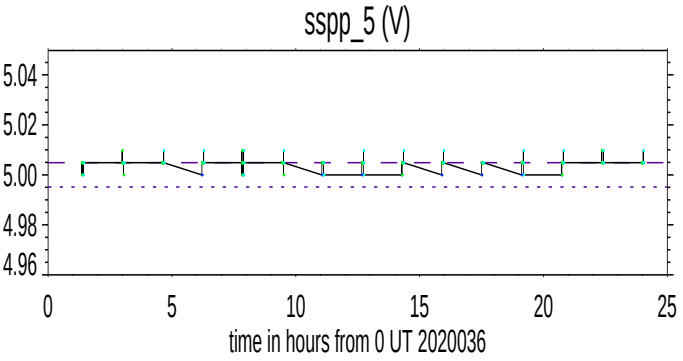
2.00
1.95
1.90
0
5
10
15
20
25
time in hours from 0 UT 2020036


sspp_5 (V)
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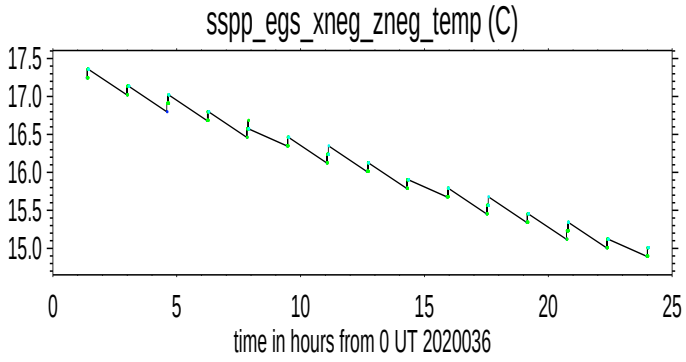
5.02
5.00
4.98
4.96
0
5
10
15
20
25
time in hours from 0 UT 2020036


sspp_egs_xneg_zneg_temp (C)
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16.5
16.0
15.5
15.0
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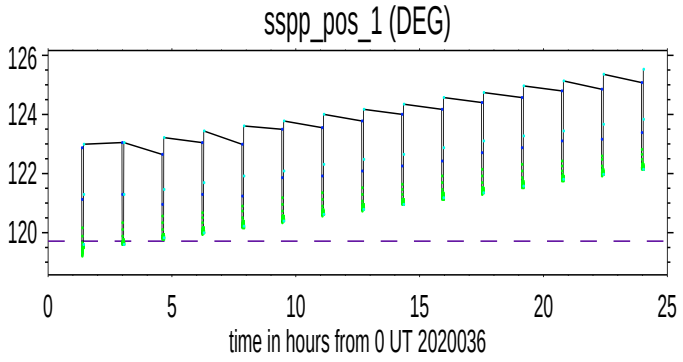
10
15
20
25
time in hours from 0 UT 2020036


sspp_pos_1 (DEG)
126
124
122
120
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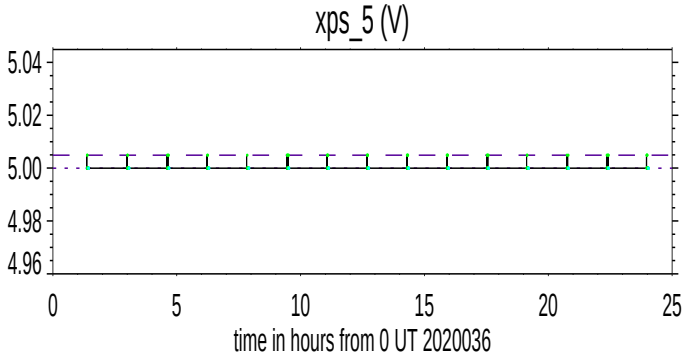
5
10
15
20
25
time in hours from 0 UT 2020036


xps_5 (V)
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5.02
5.00
4.98
4.96
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10
15
20
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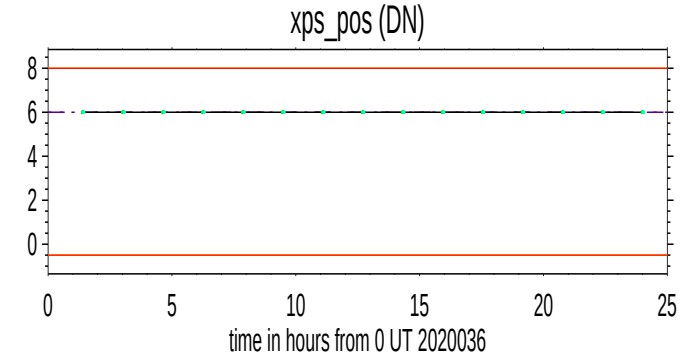
time in hours from 0 UT 2020036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6
4
2
0
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10
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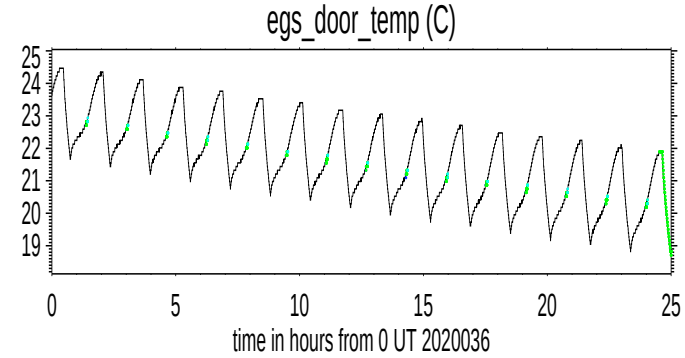
time in hours from 0 UT 2020036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24
23
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21
20
19
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5
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15
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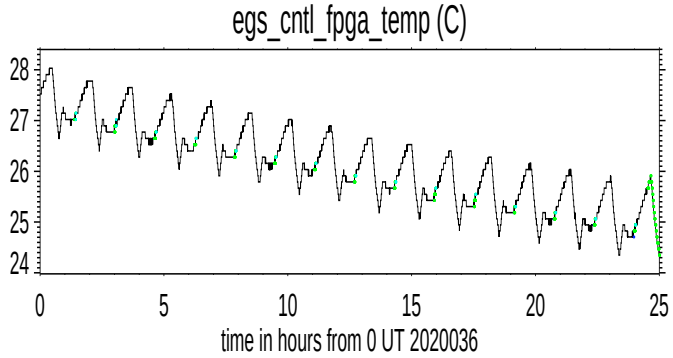
25
time in hours from 0 UT 2020036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27
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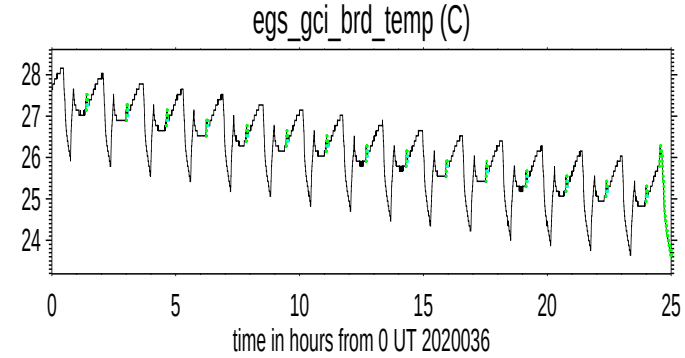
5
10
15
20
25
time in hours from 0 UT 2020036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26
25
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10
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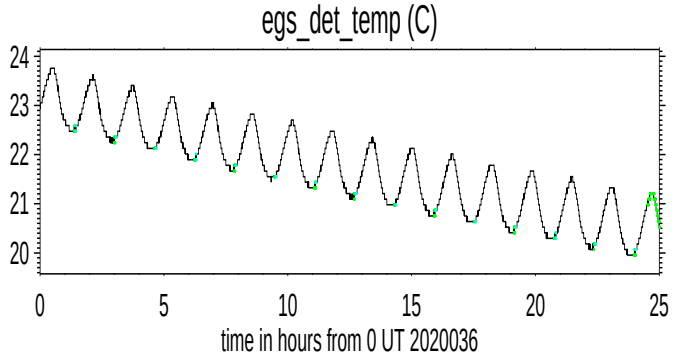
time in hours from 0 UT 2020036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15
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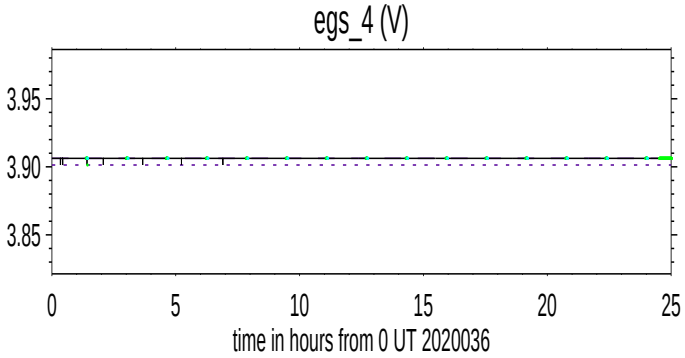
time in hours from 0 UT 2020036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3.90
3.85
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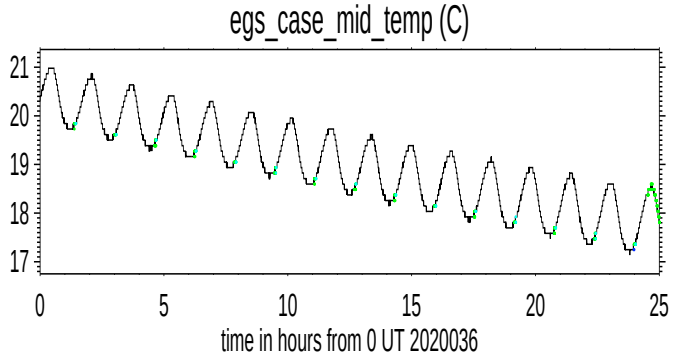
10
15
20
25
time in hours from 0 UT 2020036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20
19
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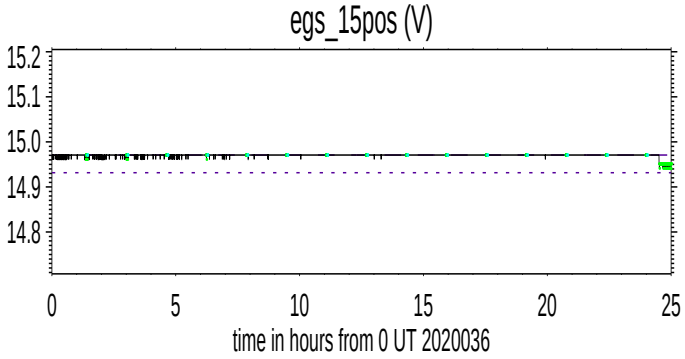
10
15
20
25
time in hours from 0 UT 2020036


egs_15pos (V)
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15.0
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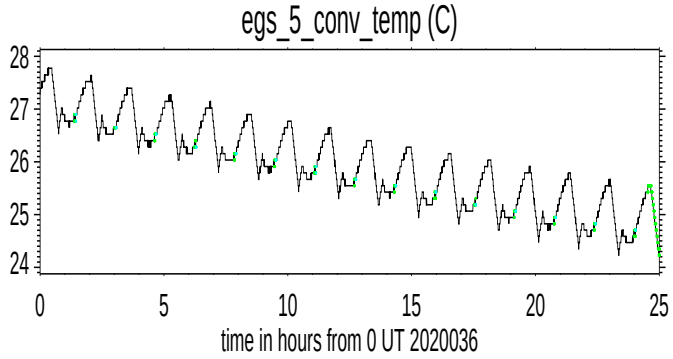
0
5
10
15
20
25
time in hours from 0 UT 2020036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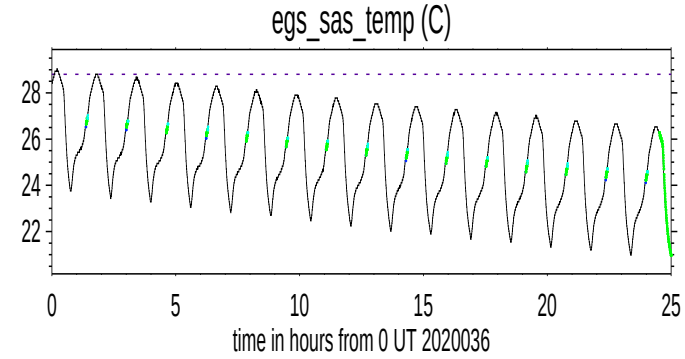
26
25
24
0
5
10
15
20
25
time in hours from 0 UT 2020036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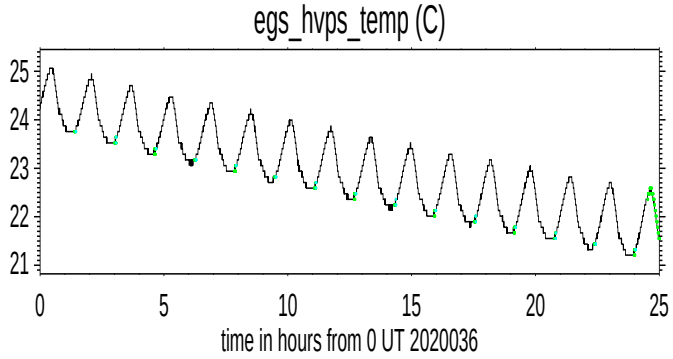
26
24
22
0
5
10
15
20
25
time in hours from 0 UT 2020036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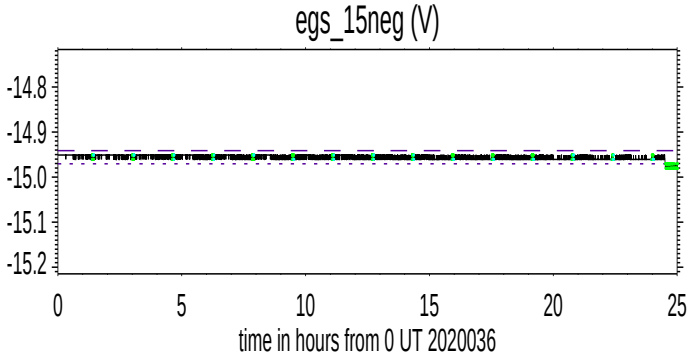
23
22
21
0
5
10
15
20
25
time in hours from 0 UT 2020036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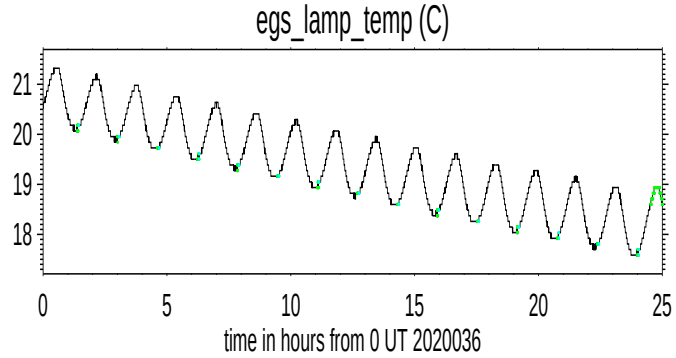
-14.8
-14.9
-15.0
-15.1
-15.2
0 5 10 15 20 25
time in hours from 0 UT 2020036


egs_lamp_temp (C)
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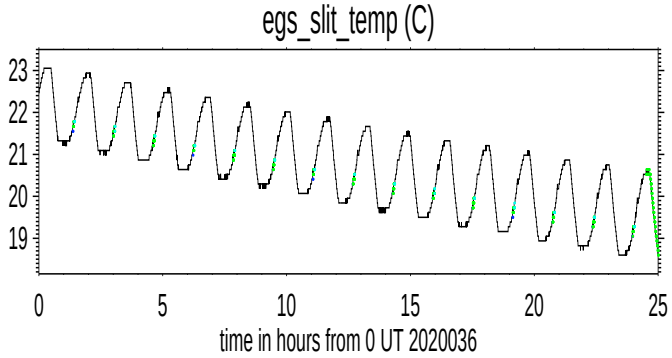
20
19
18
0 5 10 15 20 25
time in hours from 0 UT 2020036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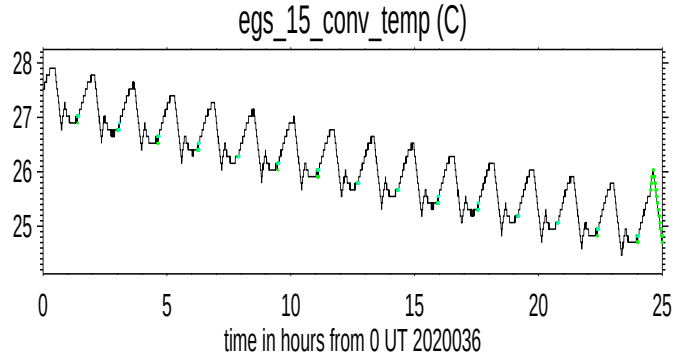
20
19
0 5 10 15 20 25
time in hours from 0 UT 2020036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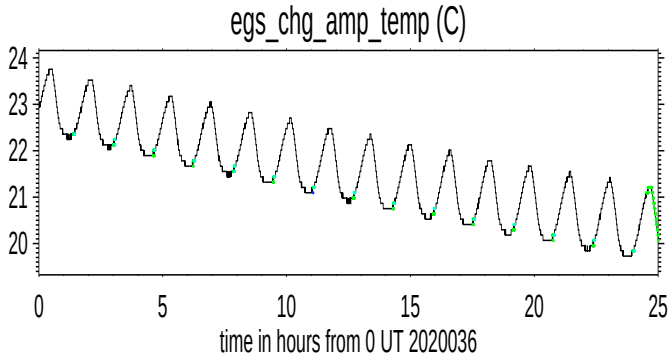
25
0 5 10 15 20 25
time in hours from 0 UT 2020036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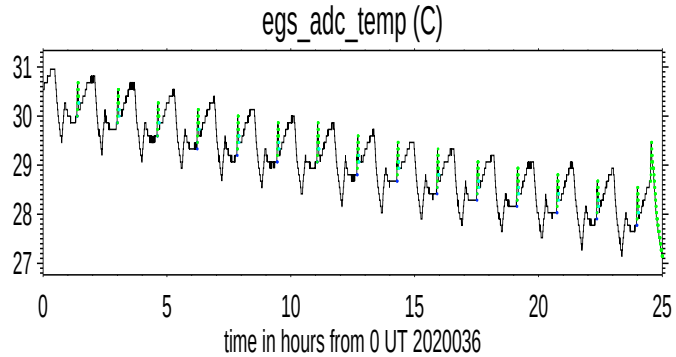
21
20
0 5 10 15 20 25
time in hours from 0 UT 2020036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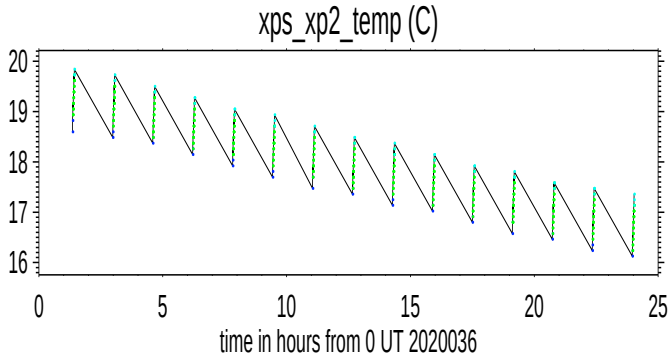
31
30
29
28
27
0 5 10 15 20 25
time in hours from 0 UT 2020036


xps_xp2_temp (C)
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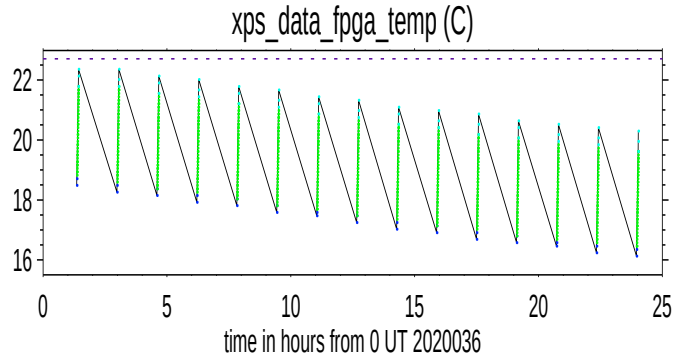
18
17
16
0 5 10 15 20 25
time in hours from 0 UT 2020036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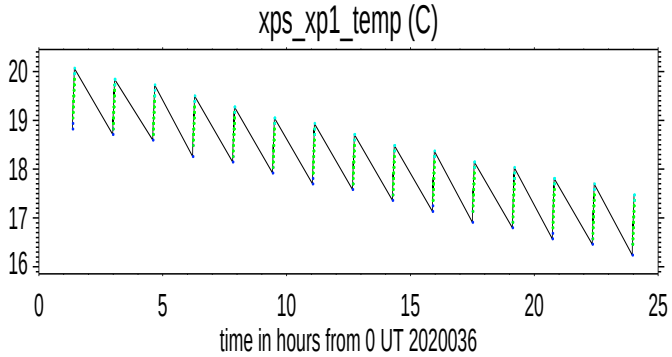
18
16
0 5 10 15 20 25
time in hours from 0 UT 2020036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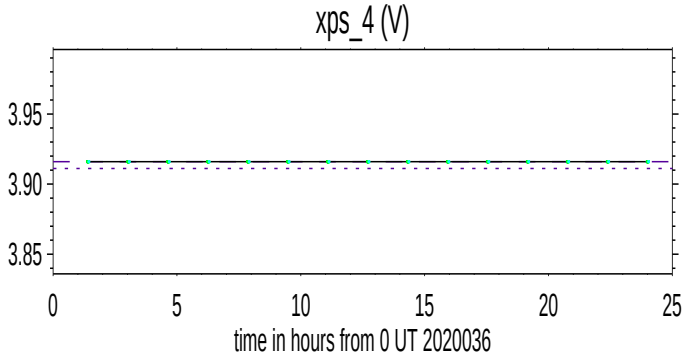
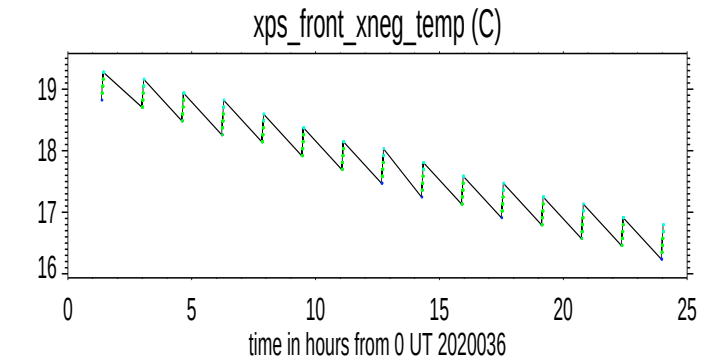
17
16
0 5 10 15 20 25
time in hours from 0 UT 2020036


xps_4 (V)
3.95
3.90
3.85
0 5 10 15 20 25
time in hours from 0 UT 2020036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16
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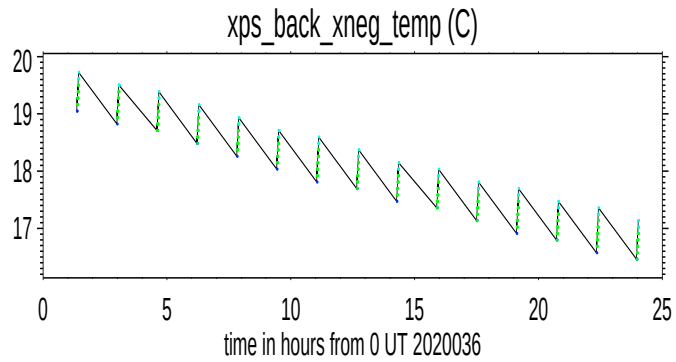
5
10
15
20
25
time in hours from 0 UT 2020036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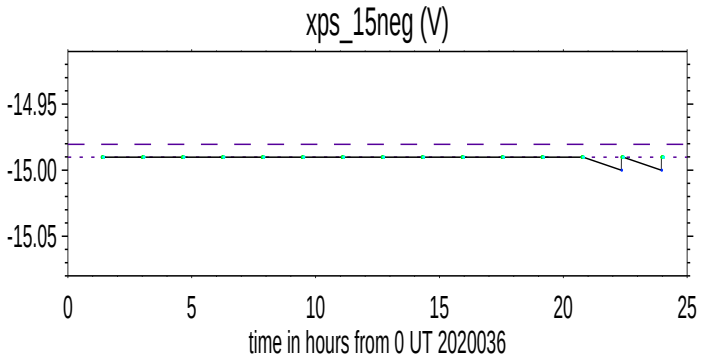
17
0
5
10
15
20
25
time in hours from 0 UT 2020036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-15.05
0
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10
15
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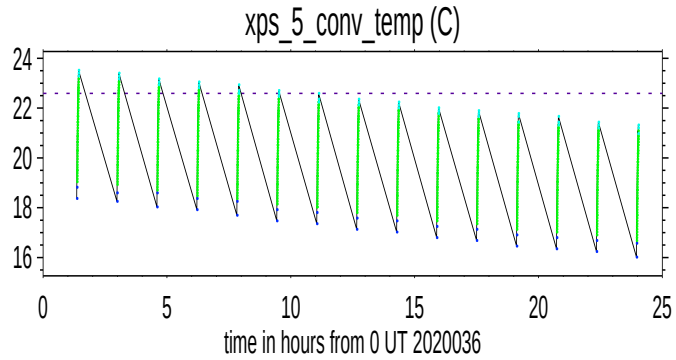
25
time in hours from 0 UT 2020036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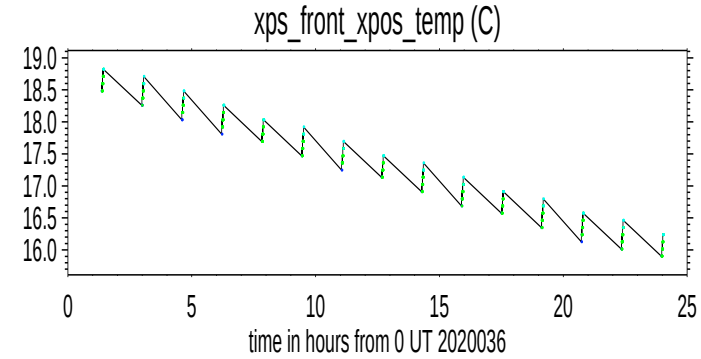
25
time in hours from 0 UT 2020036


xps_front_xpos_temp (C)
19.0
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17.0
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16.0
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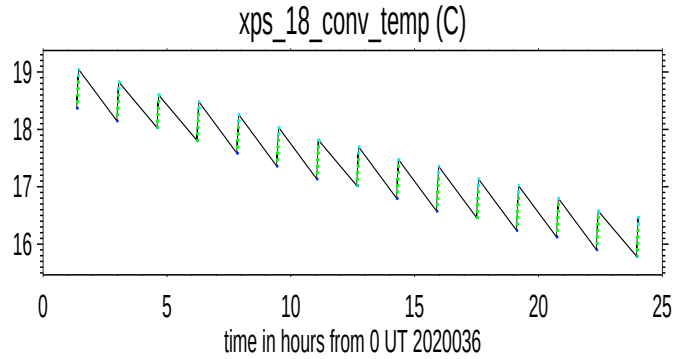
time in hours from 0 UT 2020036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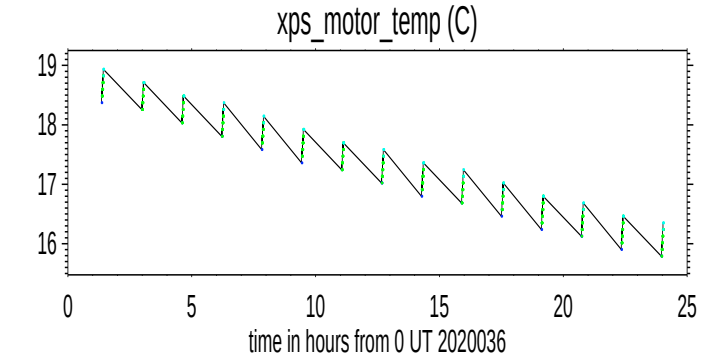
time in hours from 0 UT 2020036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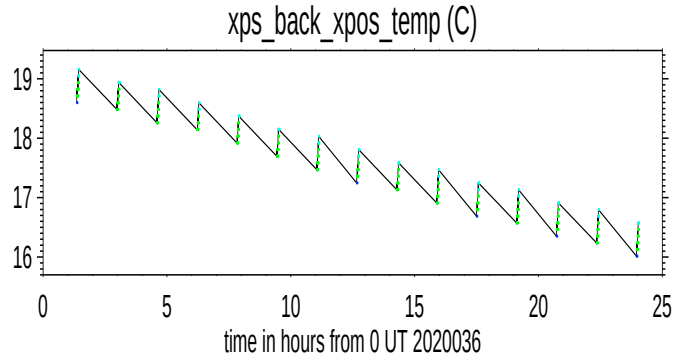
time in hours from 0 UT 2020036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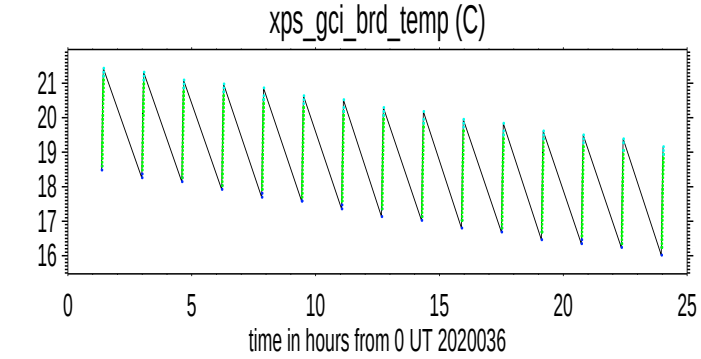
25
time in hours from 0 UT 2020036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21
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5
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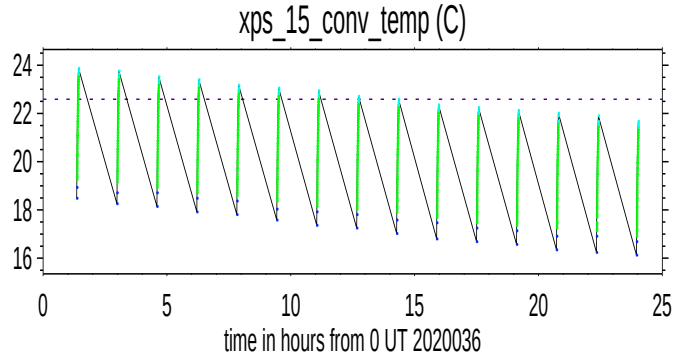
20
25
time in hours from 0 UT 2020036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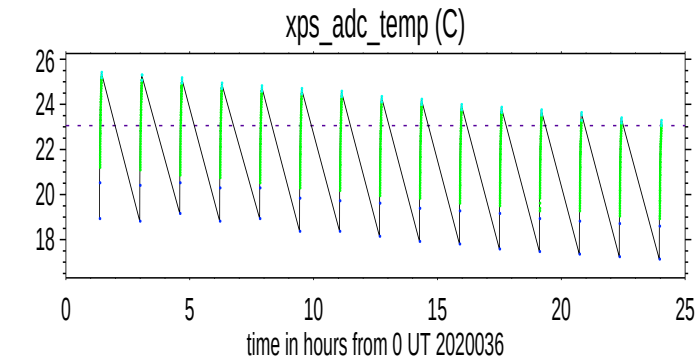
22
20
18
16
0
5
10
15
20
25
time in hours from 0 UT 2020036


xps_adc_temp (C)
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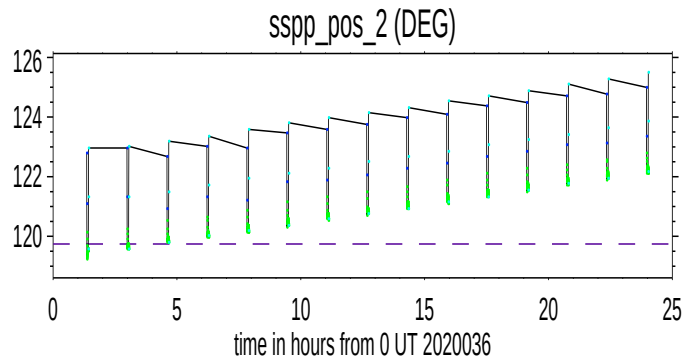
time in hours from 0 UT 2020036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120
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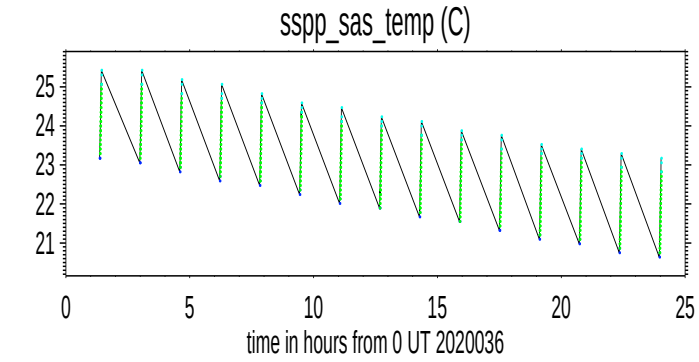
10
15
20
25
time in hours from 0 UT 2020036


sspp_sas_temp (C)
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22
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10
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20
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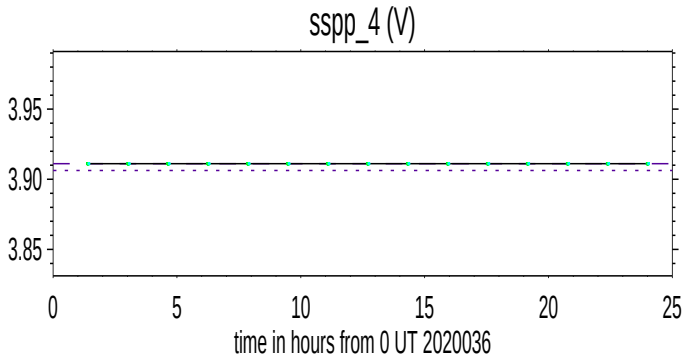
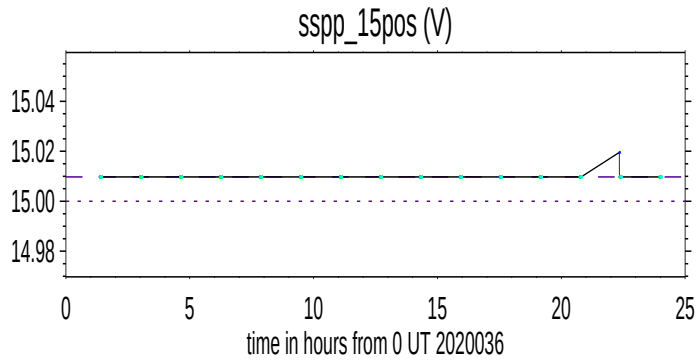
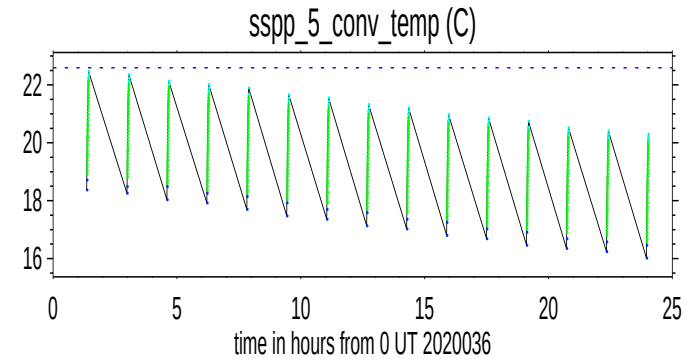
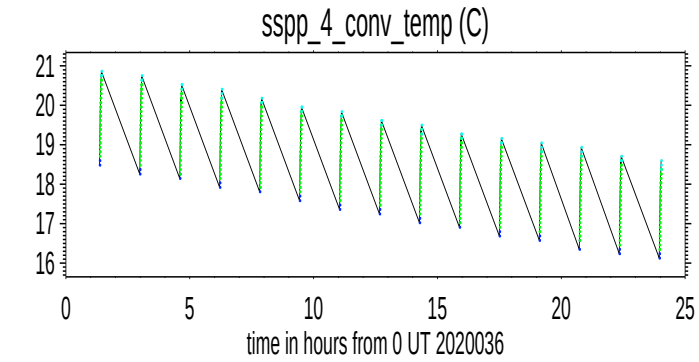
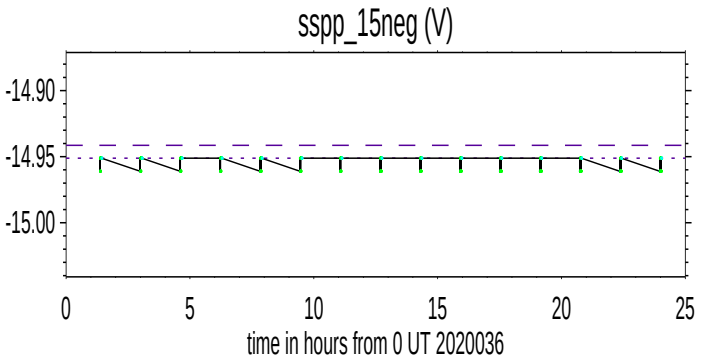
time in hours from 0 UT 2020036

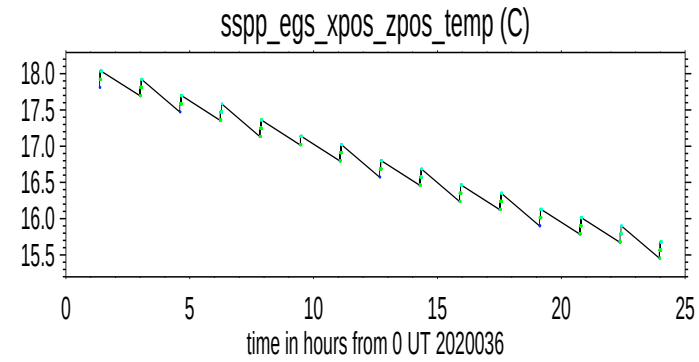

sspp_4 (V)
3.95
3.90
3.85
0
5
10
15
20
25
time in hours from 0 UT 2020036

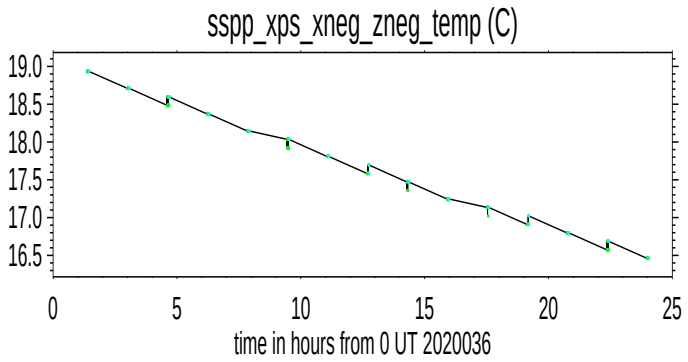

sspp_15pos (V)
15.04
15.02
15.00
14.98
0
5
10
15
20
25
time in hours from 0 UT 2020036

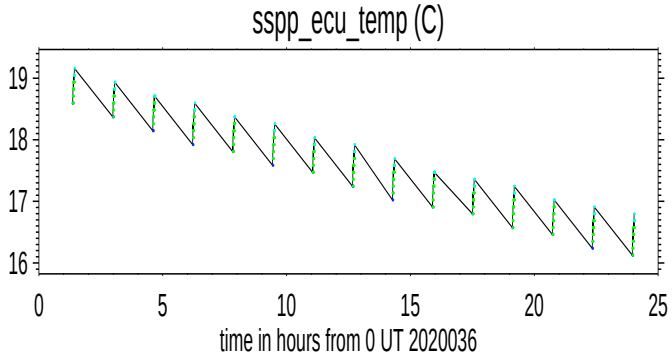

sspp_5_conv_temp (C)
22
20
18
16
0
5
10
15
20
25
time in hours from 0 UT 2020036

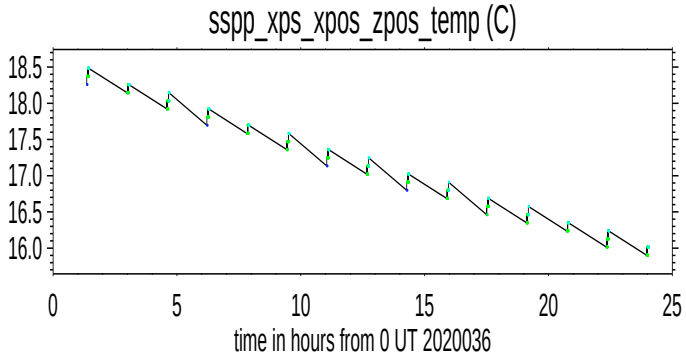

sspp_4_conv_temp (C)
21
20
19
18
17
16
0
5
10
15
20
25
time in hours from 0 UT 2020036

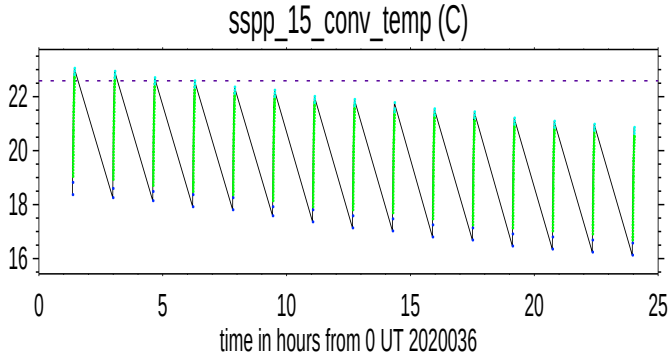

sspp_15neg (V)
-14.90
-14.95
-15.00
0
5
10
15
20
25
time in hours from 0 UT 2020036

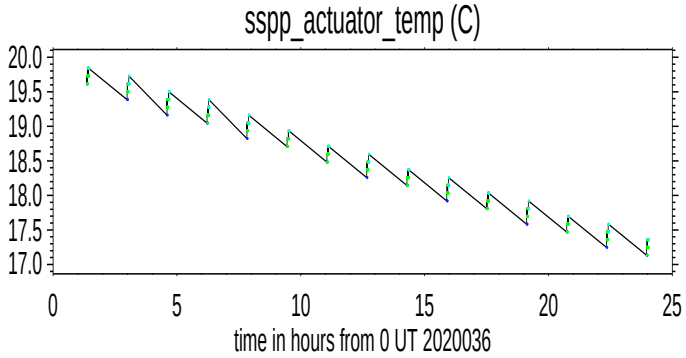

sspp_egs_xpos_zpos_temp (C)
18.0
17.5
17.0
16.5
16.0
15.5
0
5
10
15
20
25
time in hours from 0 UT 2020036

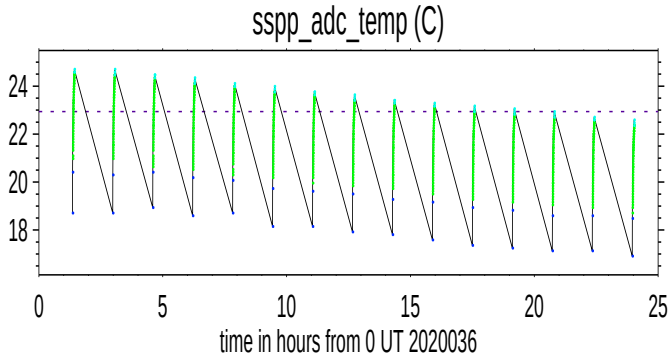

sspp_xps_xneg_zneg_temp (C)
19.0
18.5
18.0
17.5
17.0
16.5
0
5
10
15
20
25
time in hours from 0 UT 2020036

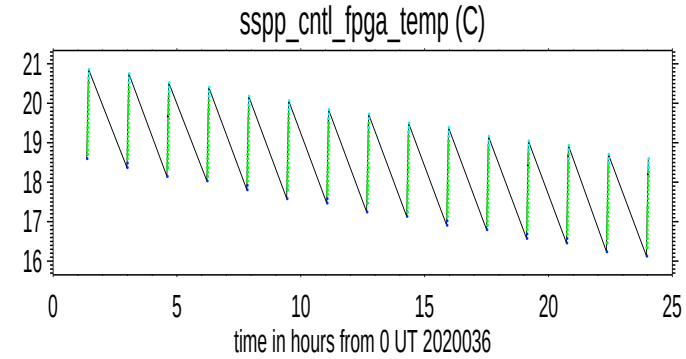

sspp_ecu_temp (C)
19
18
17
16
0
5
10
15
20
25
time in hours from 0 UT 2020036

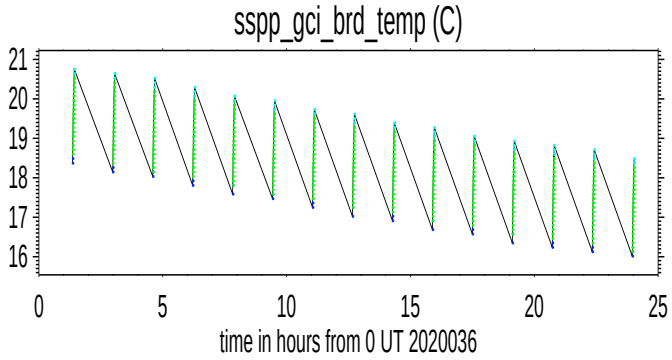

sspp_xps_xpos_zpos_temp (C)
18.5
18.0
17.5
17.0
16.5
16.0
0
5
10
15
20
25
time in hours from 0 UT 2020036

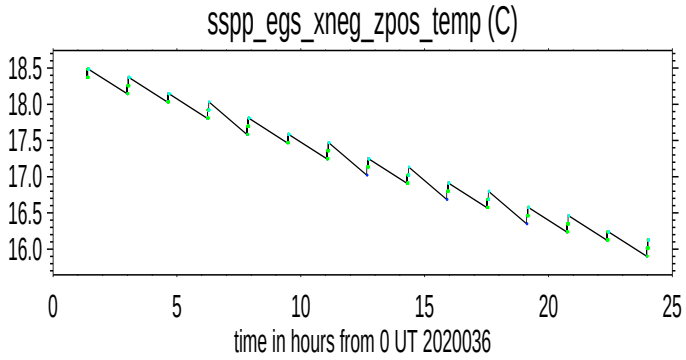

sspp_15_conv_temp (C)
22
20
18
16
0
5
10
15
20
25
time in hours from 0 UT 2020036

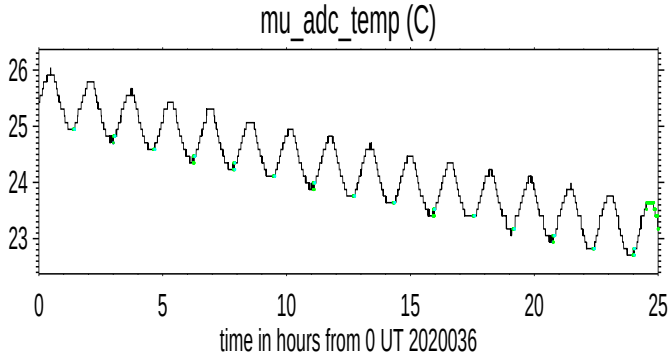

sspp_actuator_temp (C)
20.0
19.5
19.0
18.5
18.0
17.5
17.0
0
5
10
15
20
25
time in hours from 0 UT 2020036

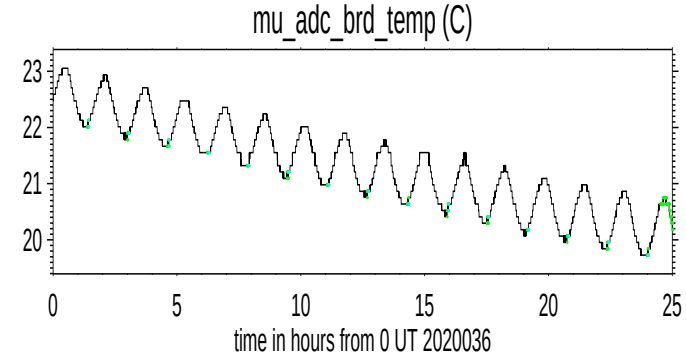

sspp_adc_temp (C)
24
22
20
18
0
5
10
15
20
25
time in hours from 0 UT 2020036

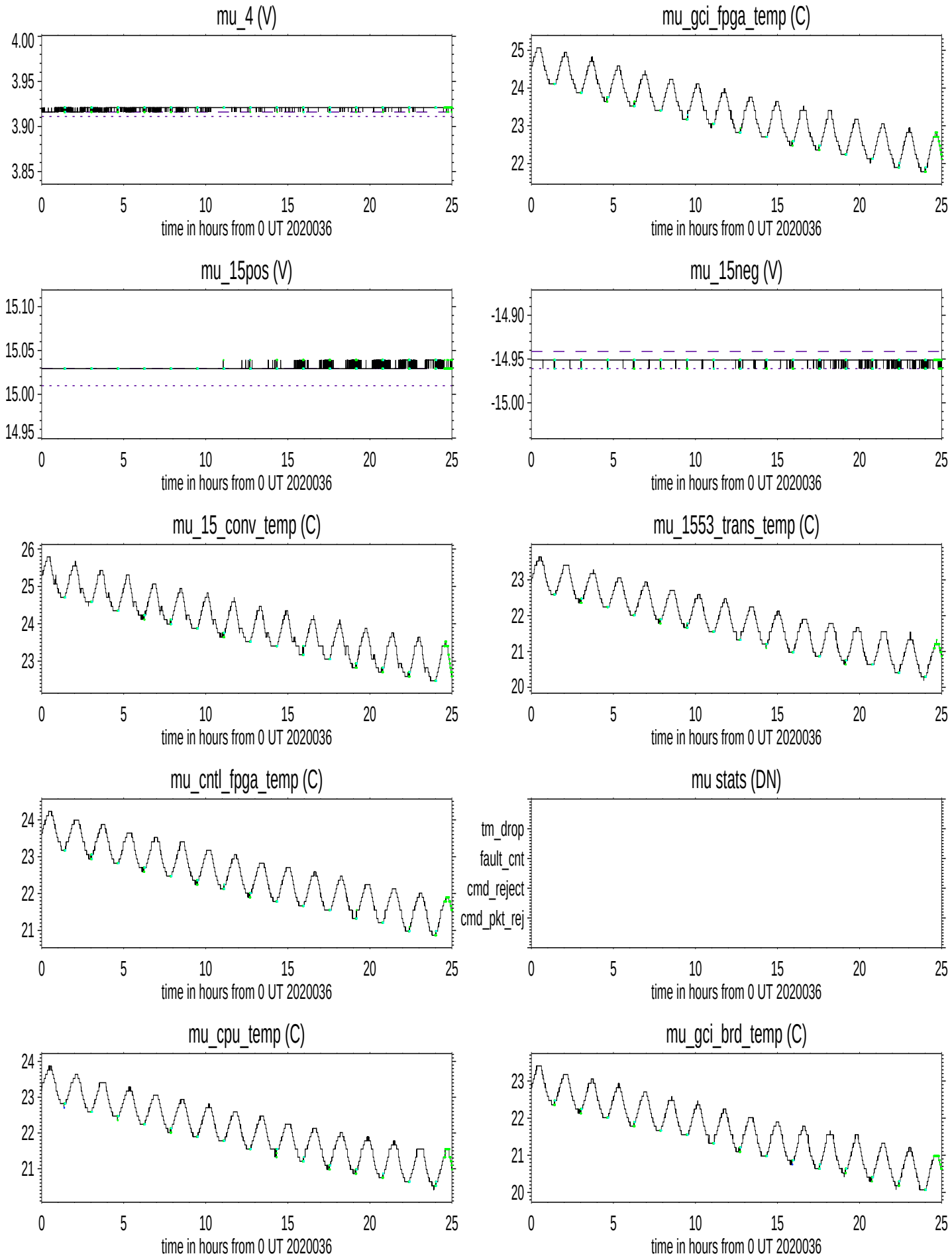

sspp_cntl_fpga_temp (C)
21
20
19
18
17
16
0
5
10
15
20
25
time in hours from 0 UT 2020036

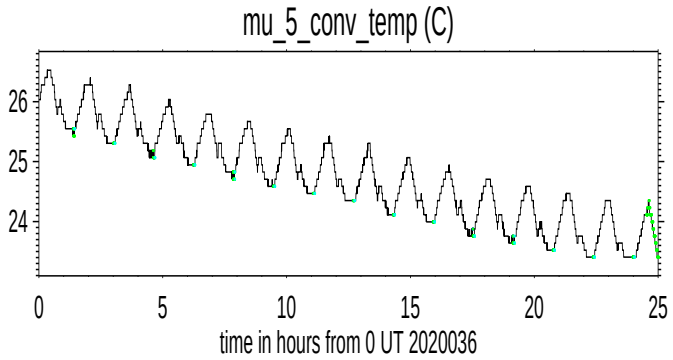

sspp_gci_brd_temp (C)
21
20
19
18
17
16
0
5
10
15
20
25
time in hours from 0 UT 2020036

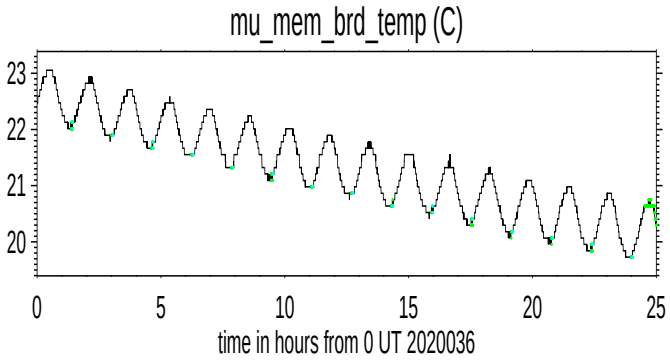

sspp_egs_xneg_zpos_temp (C)
18.5
18.0
17.5
17.0
16.5
16.0
0
5
10
15
20
25
time in hours from 0 UT 2020036

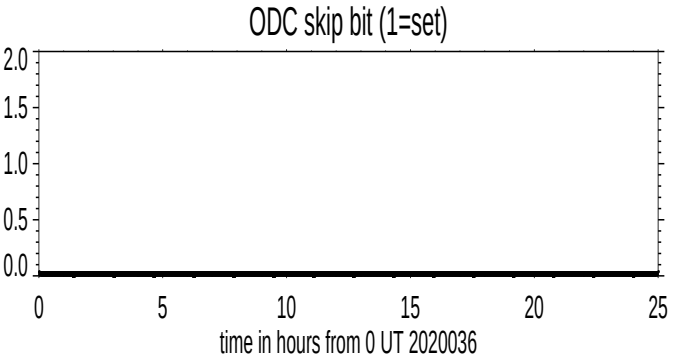

mu_adc_temp (C)
26
25
24
23
0
5
10
15
20
25
time in hours from 0 UT 2020036

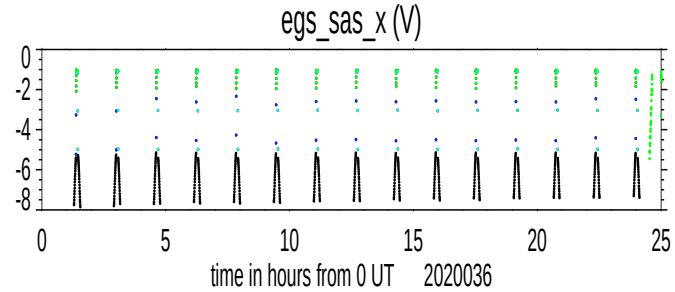

mu_adc_brd_temp (C)
23
22
21
20
0
5
10
15
20
25
time in hours from 0 UT 2020036

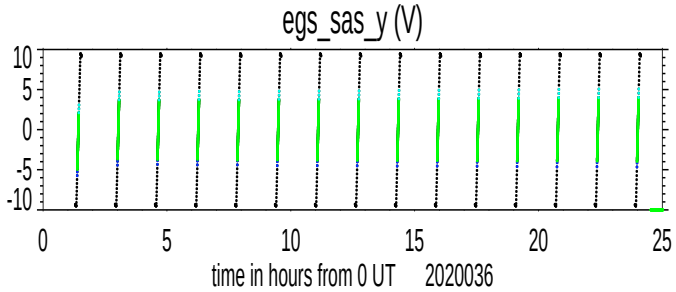

mu_4 (V)
4.00
3.95
3.90
3.85
0 5 10 15 20 25
time in hours from 0 UT 2020036
mu_gci_fpga_temp (C)
25
24
23
22
0 5 10 15 20 25
time in hours from 0 UT 2020036
mu_15pos (V)
15.10
15.05
15.00
14.95
0 5 10 15 20 25
time in hours from 0 UT 2020036
mu_15neg (V)
-14.90
-14.95
-15.00
0 5 10 15 20 25
time in hours from 0 UT 2020036
mu_15_conv_temp (C)
26
25
24
23
0 5 10 15 20 25
time in hours from 0 UT 2020036
mu_1553_trans_temp (C)
23
22
21
20
0 5 10 15 20 25
time in hours from 0 UT 2020036
mu_cntl_fpga_temp (C)
24
23
22
21
0 5 10 15 20 25
time in hours from 0 UT 2020036
mu stats (DN)
tm_drop
fault_cnt
cmd_reject
cmd_pkt_rej
0 5 10 15 20 25
time in hours from 0 UT 2020036
mu_cpu_temp (C)
24
23
22
21
0 5 10 15 20 25
time in hours from 0 UT 2020036
mu_gci_brd_temp (C)
23
22
21
20
0 5 10 15 20 25
time in hours from 0 UT 2020036

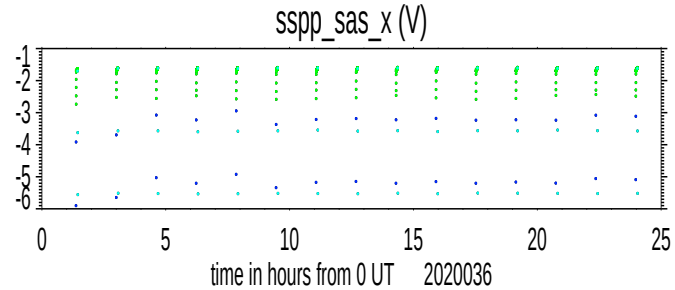

mu_5_conv_temp (C)
26
25
24
0
5
10
15
20
25
time in hours from 0 UT 2020036

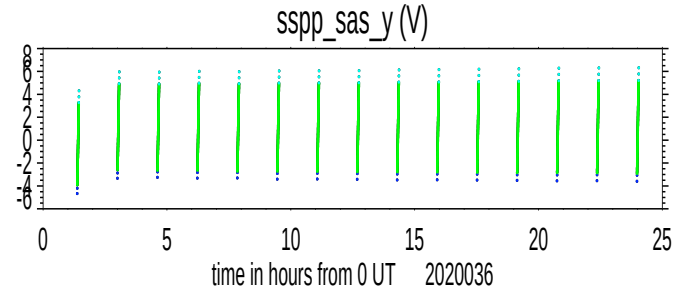

mu_mem_brd_temp (C)
23
22
21
20
0
5
10
15
20
25
time in hours from 0 UT 2020036

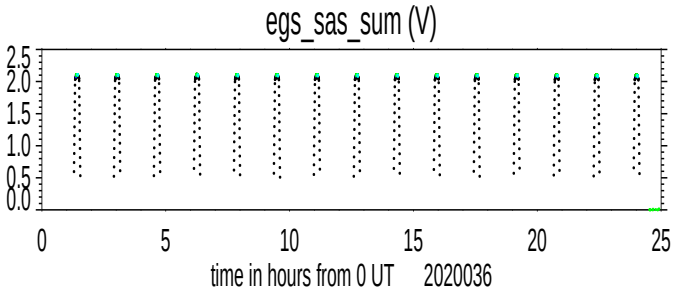

ODC skip bit (1=set)
2.0
1.5
1.0
0.5
0.0
0
5
10
15
20
25
time in hours from 0 UT 2020036

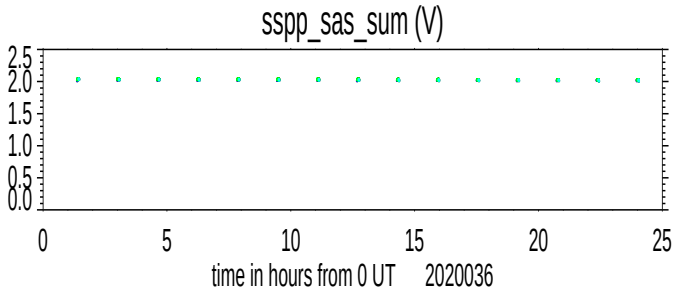

egs_sas_x (V)
time in hours from 0 UT 2020036

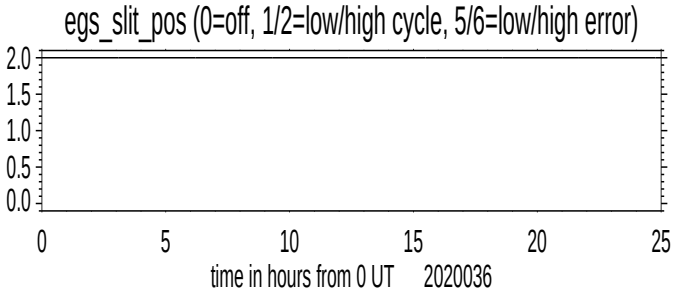

egs_sas_y (V)
time in hours from 0 UT 2020036

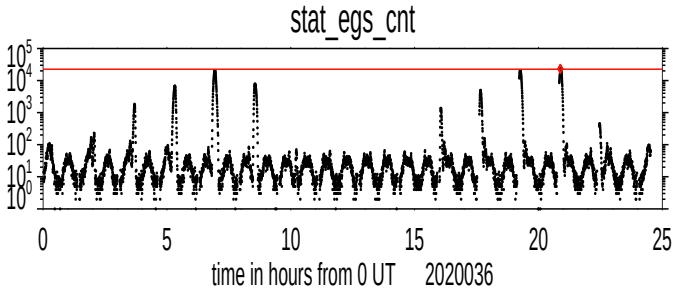

sspp_sas_x (V)
time in hours from 0 UT 2020036

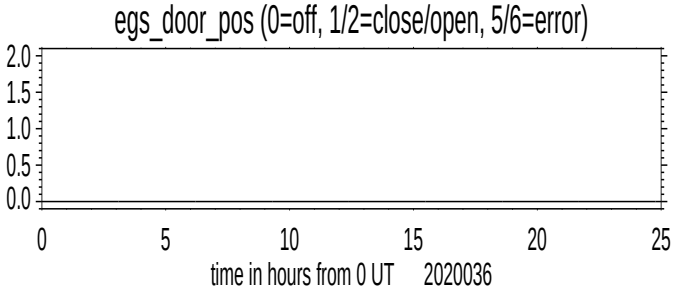

sspp_sas_y (V)
time in hours from 0 UT 2020036

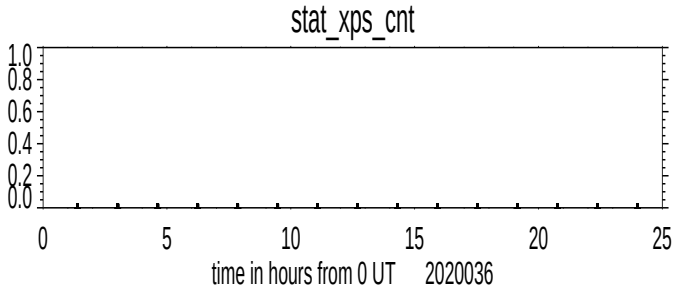

egs_sas_sum (V)
time in hours from 0 UT 2020036

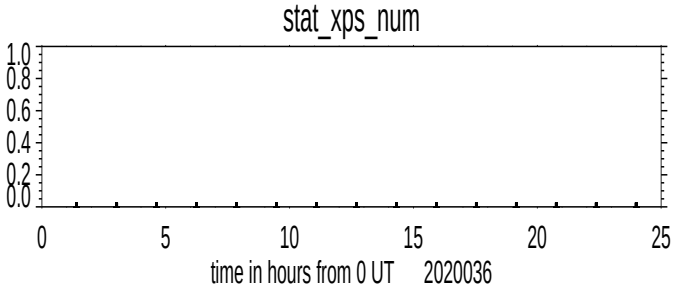

sspp_sas_sum (V)
time in hours from 0 UT 2020036

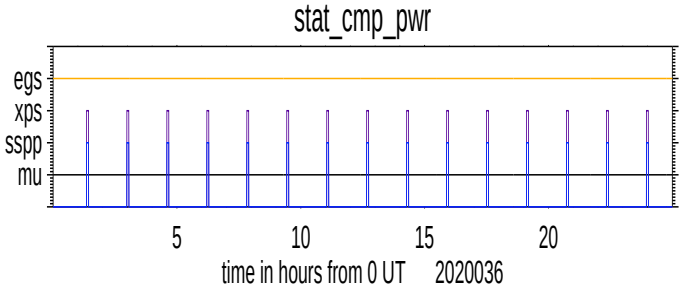

egs_slit_pos (0=off, 1/2=low/high cycle, 5/6=low/high error)
time in hours from 0 UT 2020036


stat_egs_cnt
time in hours from 0 UT 2020036

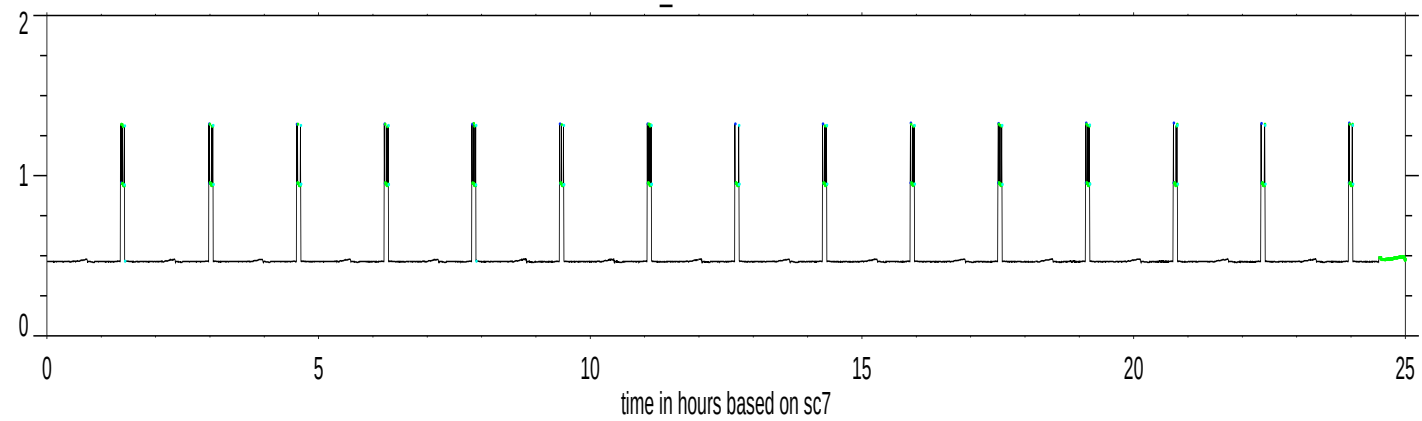

egs_door_pos (0=off, 1/2=close/open, 5/6=error)
time in hours from 0 UT 2020036


stat_xps_cnt
time in hours from 0 UT 2020036

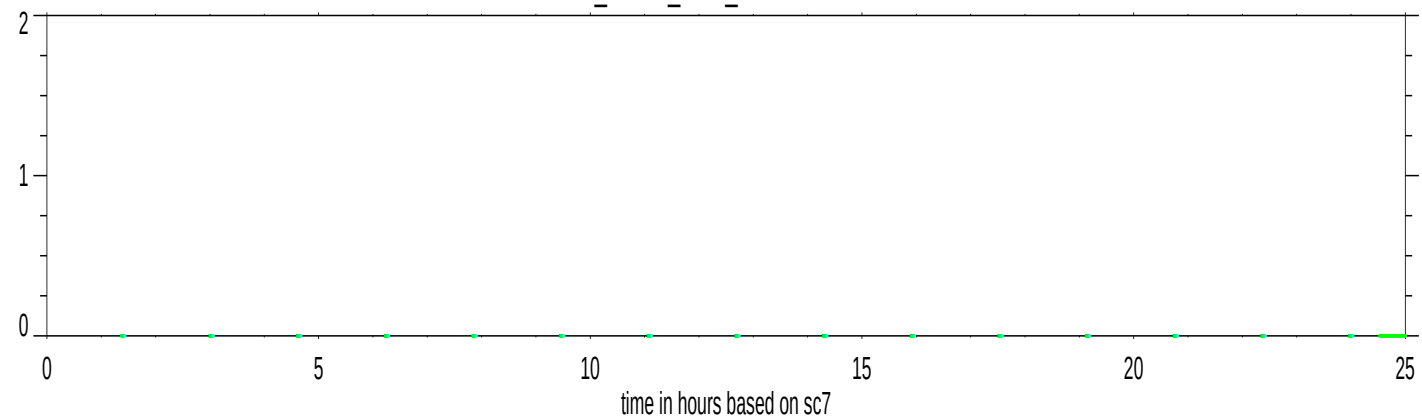

stat_xps_num
time in hours from 0 UT 2020036


stat_cmp_pwr
egs
xps
sspp
mu
time in hours from 0 UT 2020036

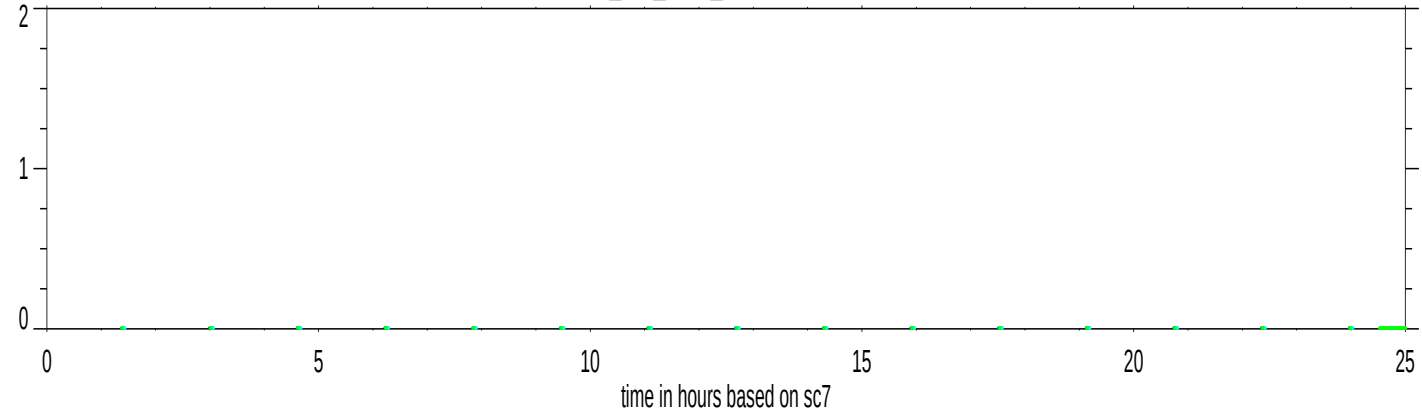
SEE_CUR 2020036



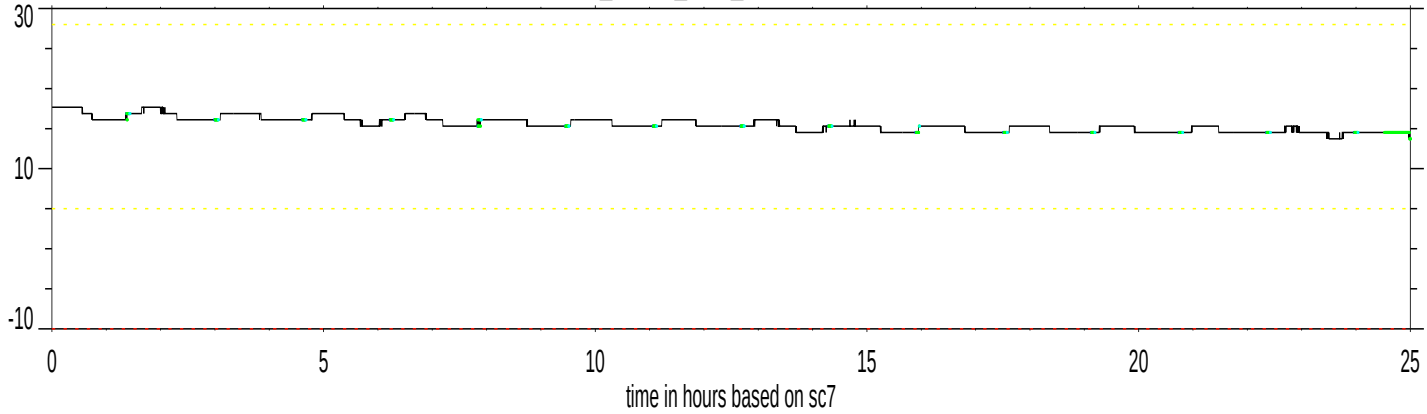
SEE_SURV_HTR_CUR 2020036



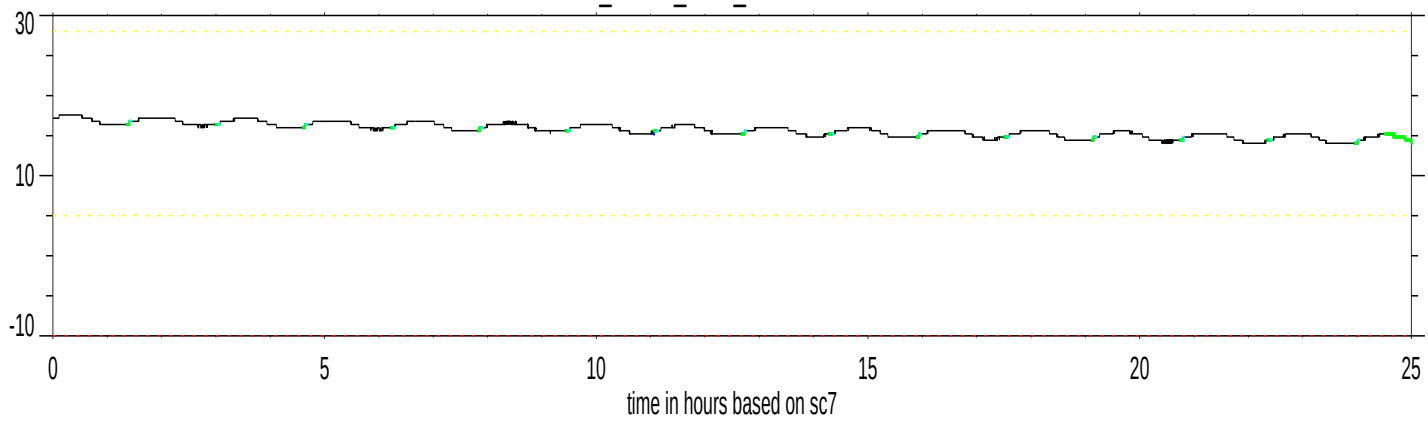
SEE_OP_HTR_CUR 2020036



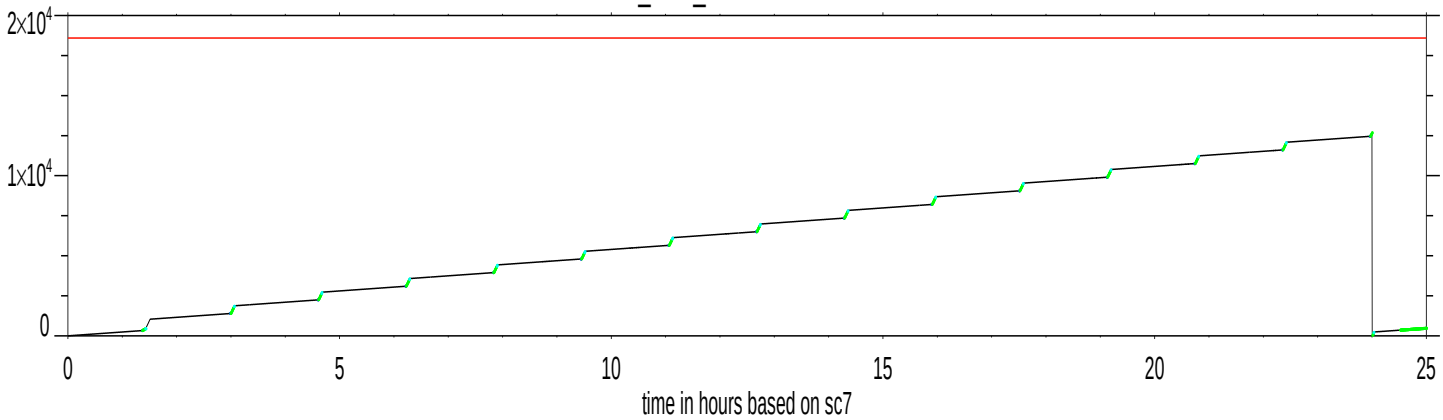
SSPP_BHND_XPS_TEMP 2020036



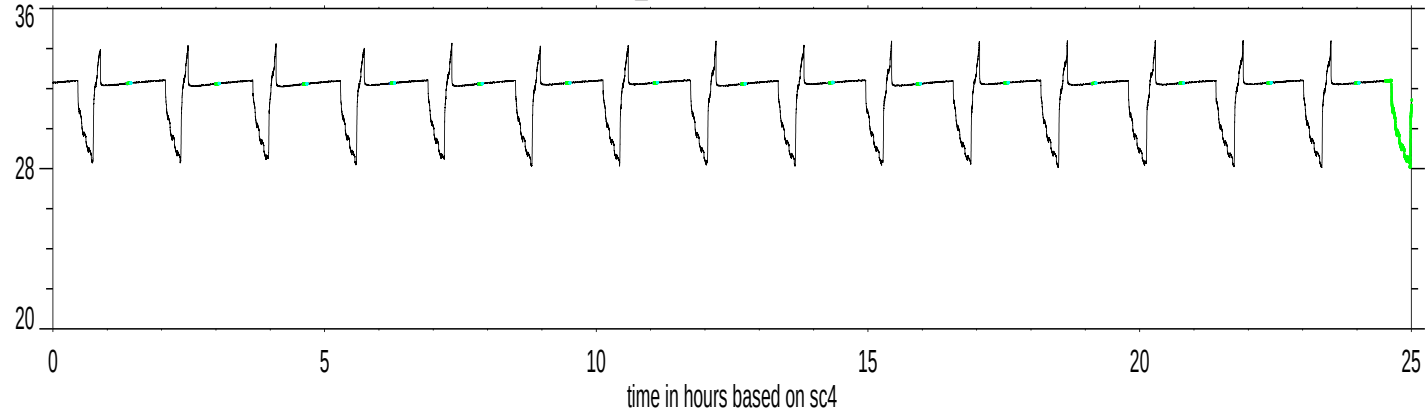
SSPP_BHND_MTR_TEMP 2020036



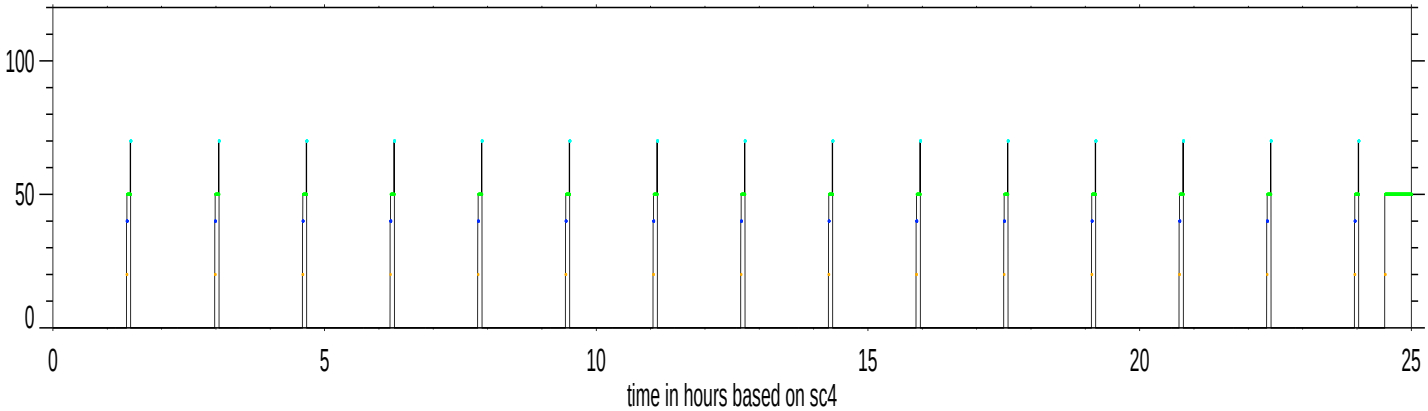
SEE_PKT_COUNT 2020036

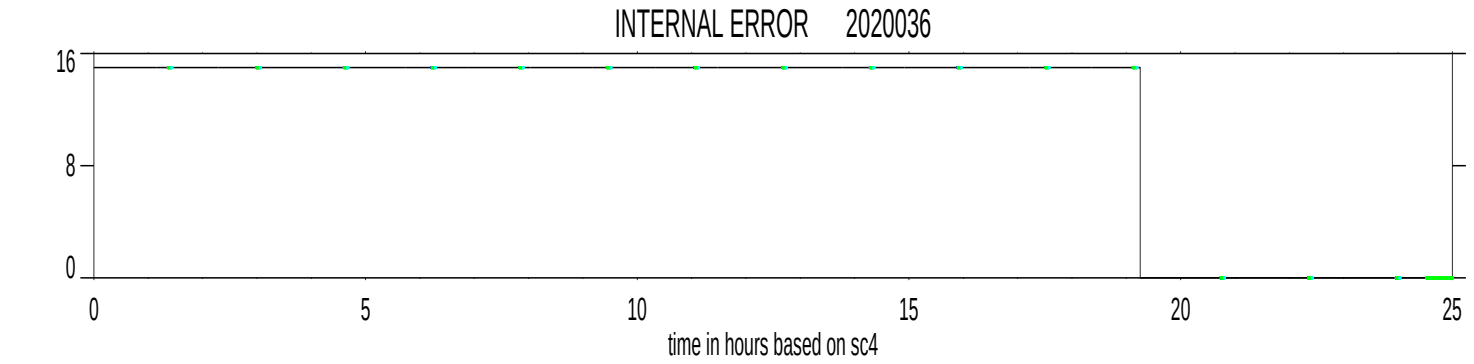


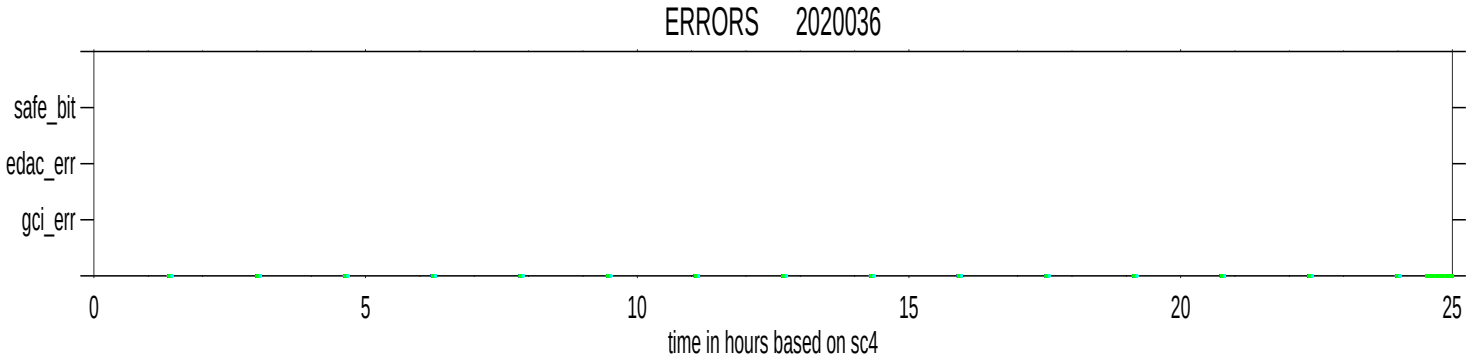
BUS_VOLTAGE 2020036

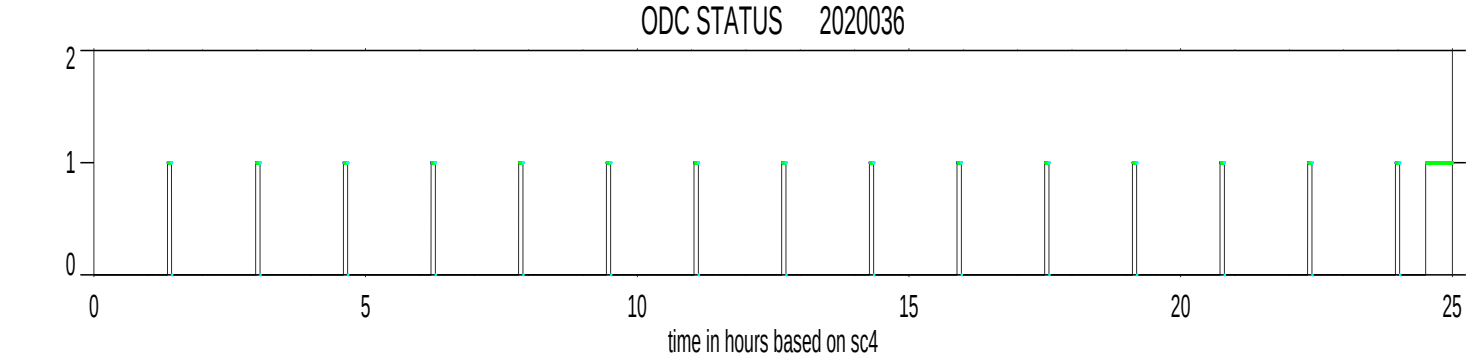


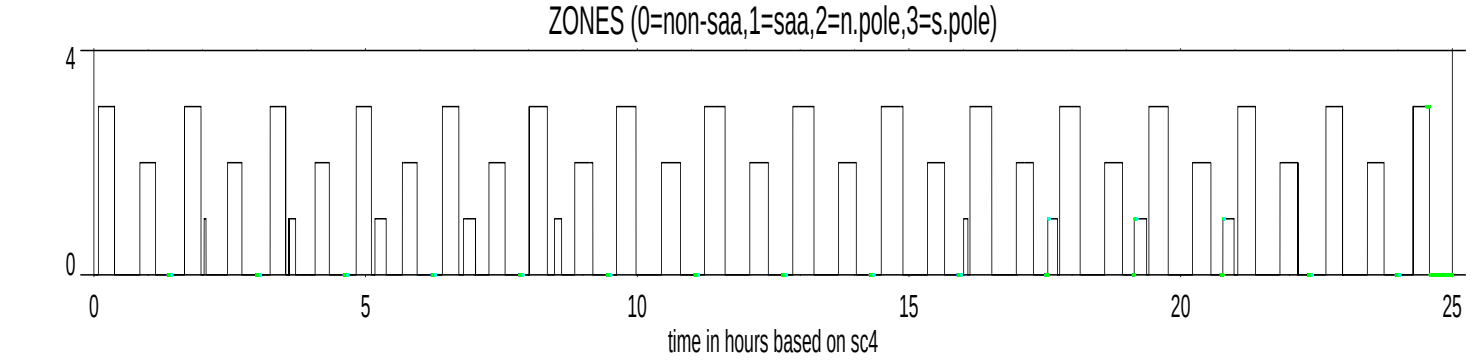
SEE_MU Operational Mode 2020036

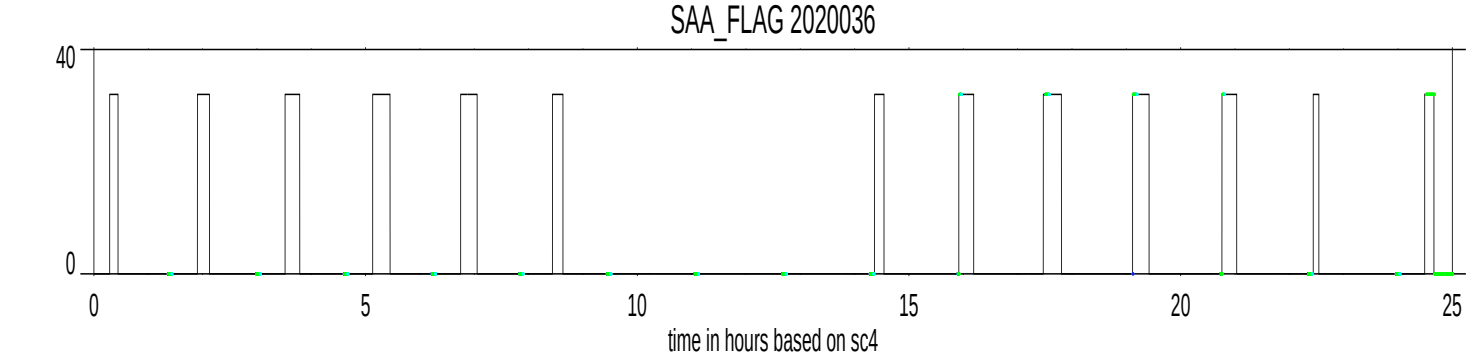


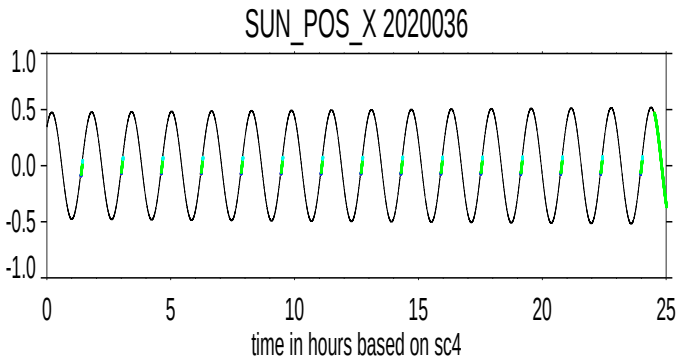

INTERNAL ERROR 2020036
16
8
0
0
5
10
15
20
25
time in hours based on sc4

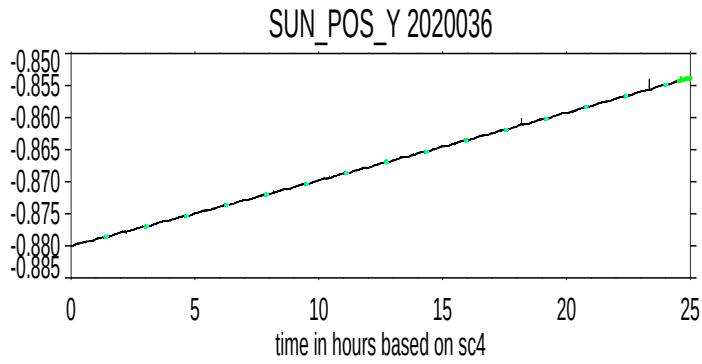

ERRORS 2020036
safe_bit
edac_err
gci_err
0
5
10
15
20
25
time in hours based on sc4


ODC STATUS 2020036
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 2020036
40
0
0
5
10
15
20
25
time in hours based on sc4


SUN_POS_X 2020036
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 2020036
-0.850
-0.855
-0.860
-0.865
-0.870
-0.875
-0.880
-0.885
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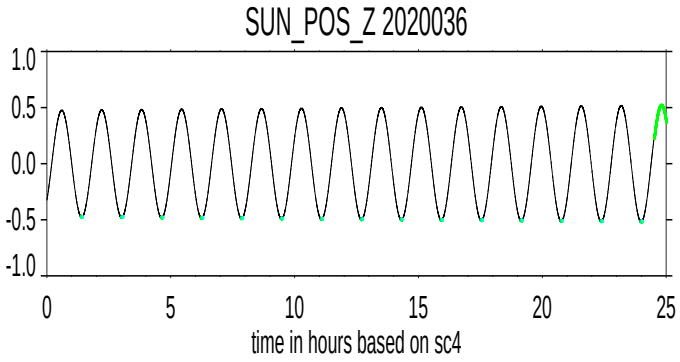
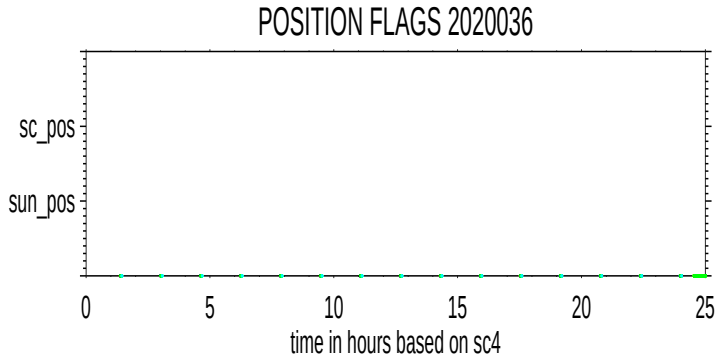
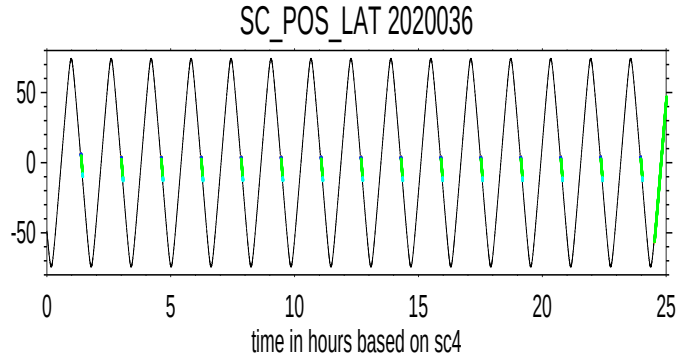
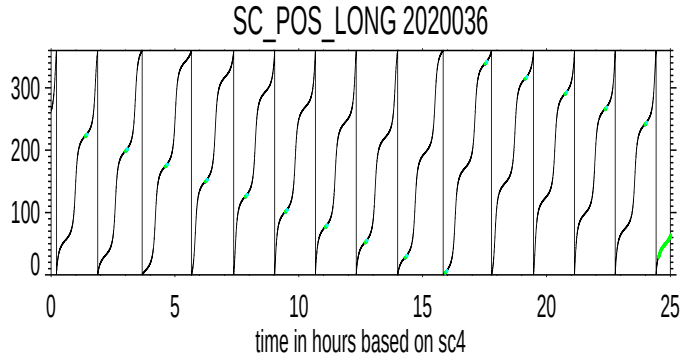
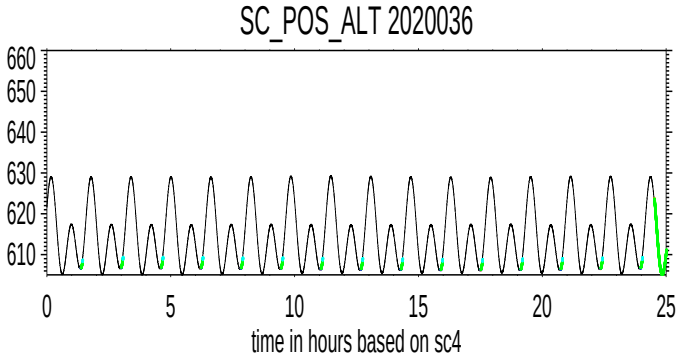
5
10
15
20
25
time in hours based on sc4

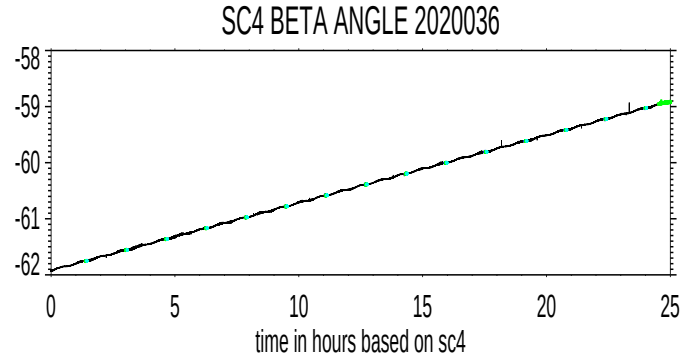

SUN_POS_Z 2020036
1.0
0.5
0.0
-0.5
-1.0
0
5
10
15
20
25
time in hours based on sc4


POSITION FLAGS 2020036
sc_pos
sun_pos
0
5
10
15
20
25
time in hours based on sc4


SC_POS_LAT 2020036
50
0
-50
0
5
10
15
20
25
time in hours based on sc4


SC_POS_LONG 2020036
300
200
100
0
0
5
10
15
20
25
time in hours based on sc4


SC_POS_ALT 2020036
660
650
640
630
620
610
0
5
10
15
20
25
time in hours based on sc4


SC4 BETA ANGLE 2020036
-58
-59
-60
-61
-62
0
5
10
15
20
25
time in hours based on sc4