```
Information for      2020011
02:17:45.000: see_stat[1]: 7 internal error
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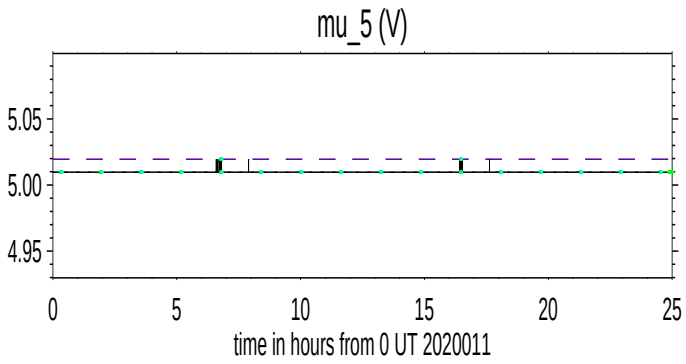
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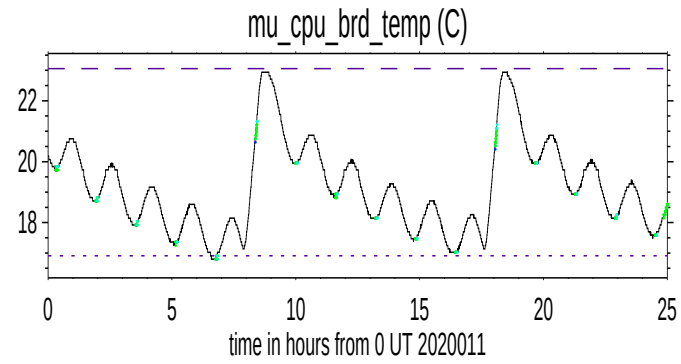
5.05
5.00
4.95
0
5
10
15
20
25
time in hours from 0 UT 2020011


mu_cpu_brd_temp (C)
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18
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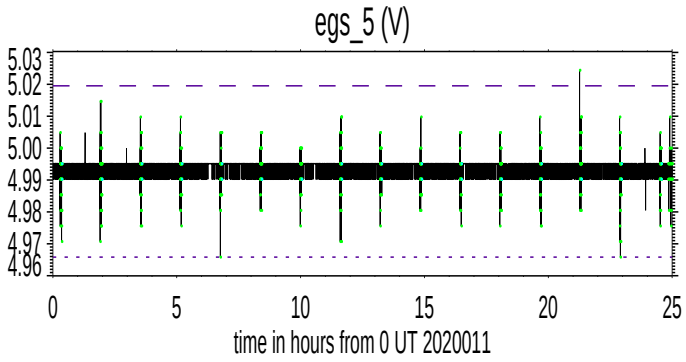
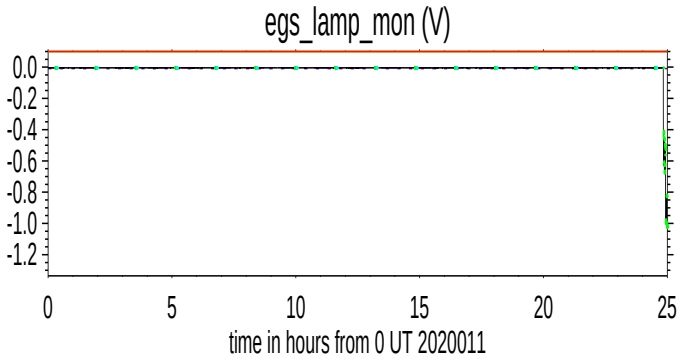
10
15
20
25
time in hours from 0 UT 2020011


egs_5 (V)
5.03
5.02
5.01
5.00
4.99
4.98
4.97
4.96
0
5
10
15
20
25
time in hours from 0 UT 2020011


egs_lamp_mon (V)
0.0
-0.2
-0.4
-0.6
-0.8
-1.0
-1.2
0
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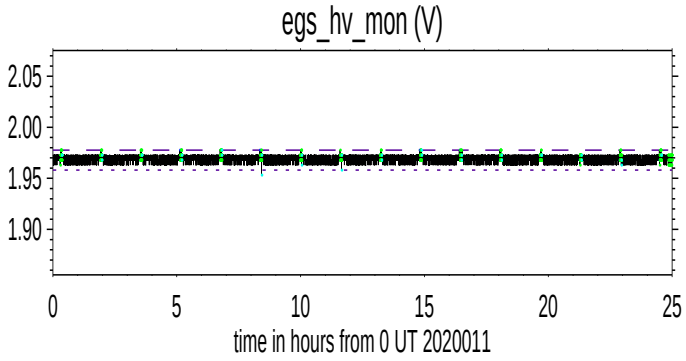
15
20
25
time in hours from 0 UT 2020011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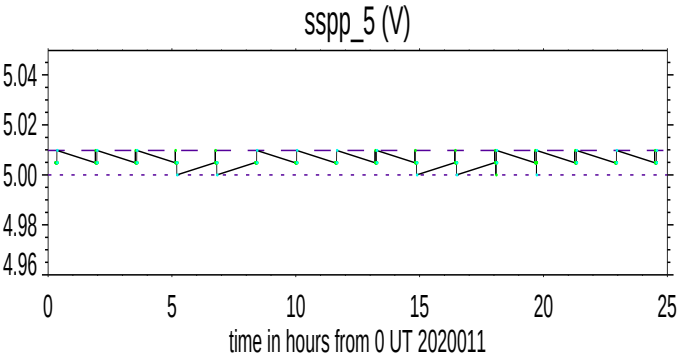
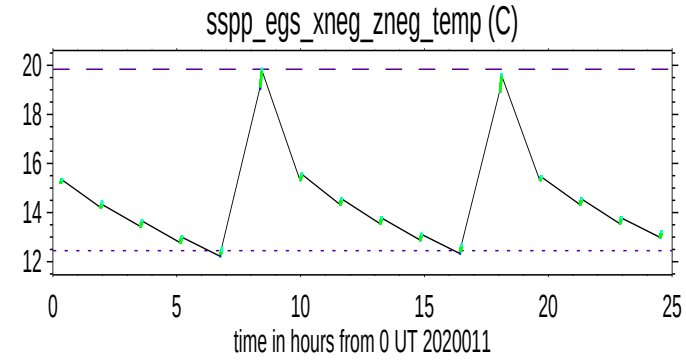
2.00
1.95
1.90
0
5
10
15
20
25
time in hours from 0 UT 2020011


sspp_5 (V)
5.04
5.02
5.00
4.98
4.96
0
5
10
15
20
25
time in hours from 0 UT 2020011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18
16
14
12
0
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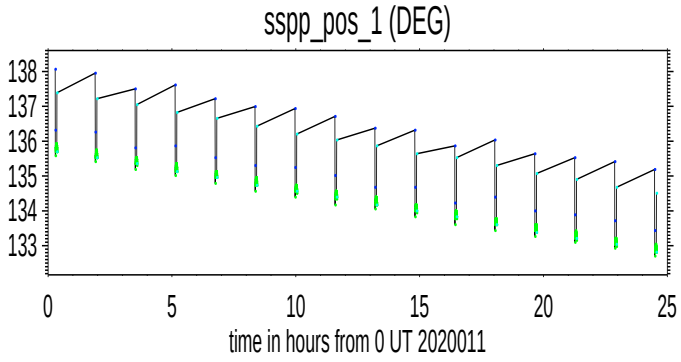
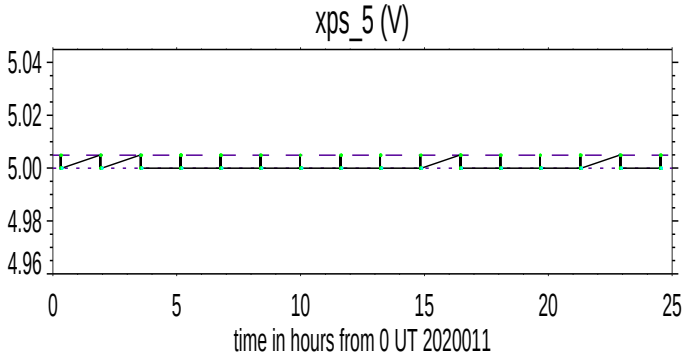
10
15
20
25
time in hours from 0 UT 2020011


sspp_pos_1 (DEG)
138
137
136
135
134
133
0
5
10
15
20
25
time in hours from 0 UT 2020011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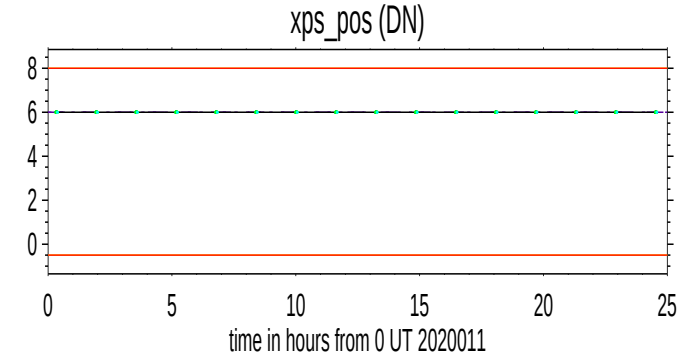
5.02
5.00
4.98
4.96
0
5
10
15
20
25
time in hours from 0 UT 2020011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6
4
2
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10
15
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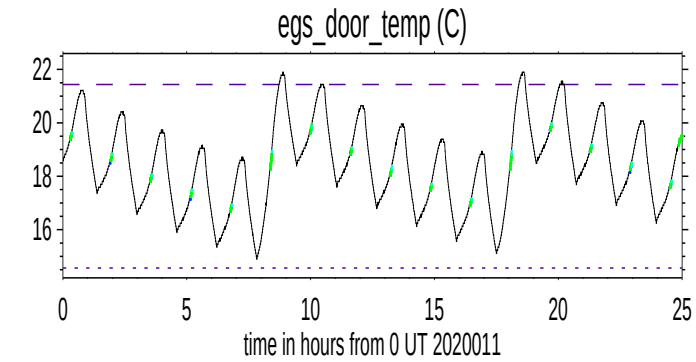
25
time in hours from 0 UT 2020011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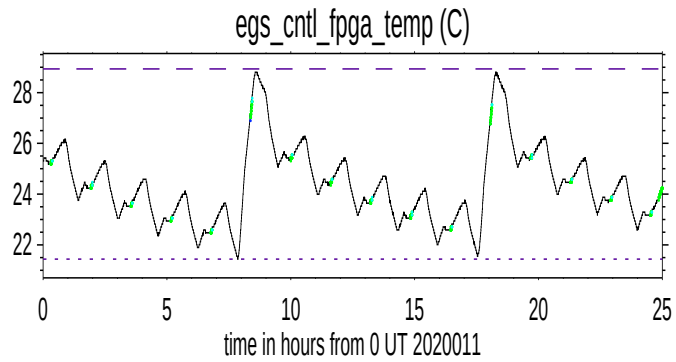
20
18
16
0
5
10
15
20
25
time in hours from 0 UT 2020011


egs_cntl_fpga_temp (C)
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26
24
22
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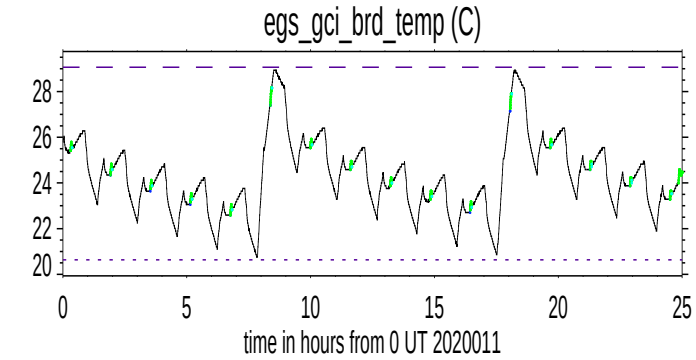
5
10
15
20
25
time in hours from 0 UT 2020011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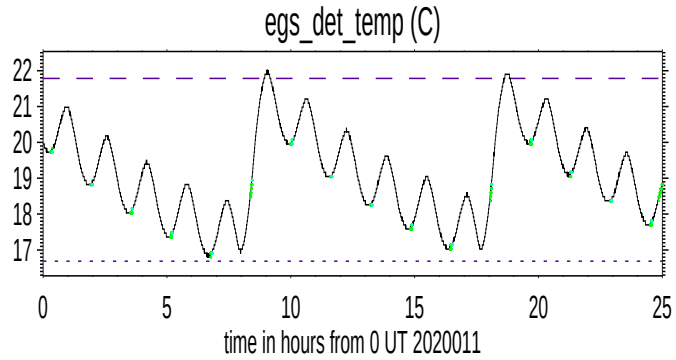
28
26
24
22
20
0
5
10
15
20
25
time in hours from 0 UT 2020011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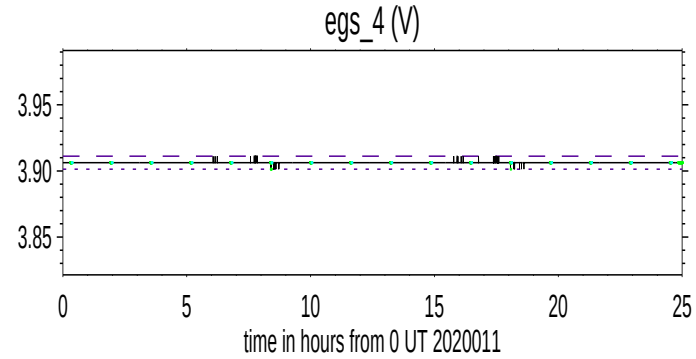
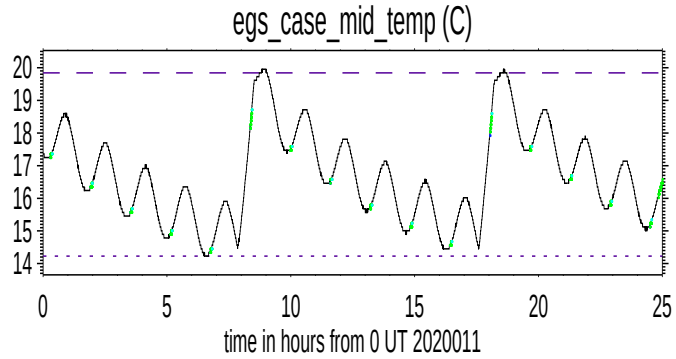
21
20
19
18
17
0
5
10
15
20
25
time in hours from 0 UT 2020011


egs_4 (V)
3.95
3.90
3.85
0
5
10
15
20
25
time in hours from 0 UT 2020011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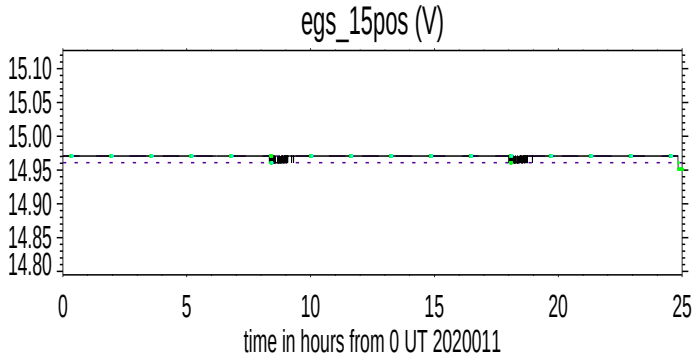
19
18
17
16
15
14
0
5
10
15
20
25
time in hours from 0 UT 2020011


egs_15pos (V)
15.10
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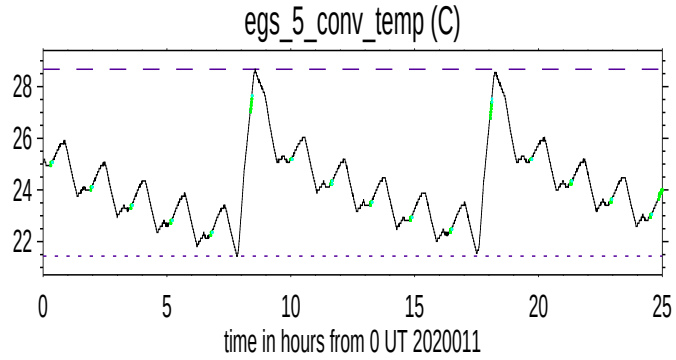
14.95
14.90
14.85
14.80
0
5
10
15
20
25
time in hours from 0 UT 2020011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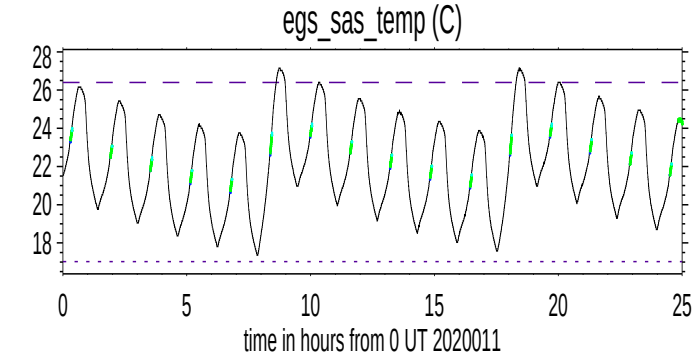
26
24
22
0
5
10
15
20
25
time in hours from 0 UT 2020011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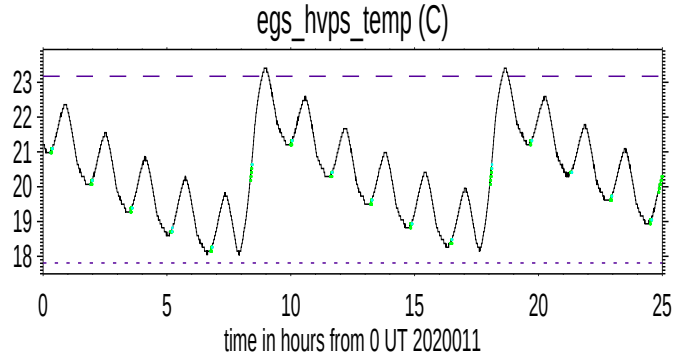
26
24
22
20
18
0
5
10
15
20
25
time in hours from 0 UT 2020011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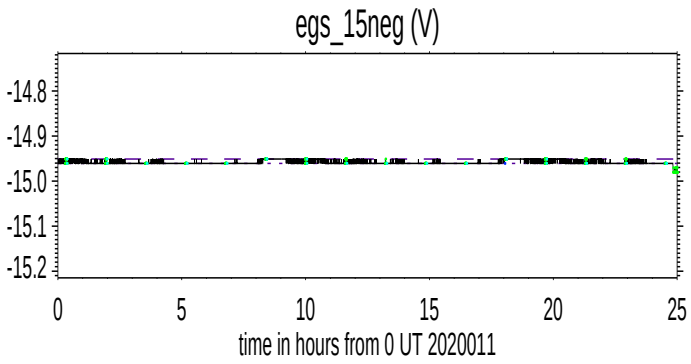
22
21
20
19
18
0
5
10
15
20
25
time in hours from 0 UT 2020011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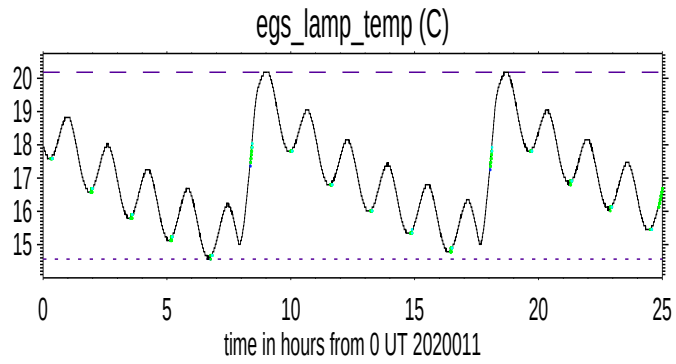
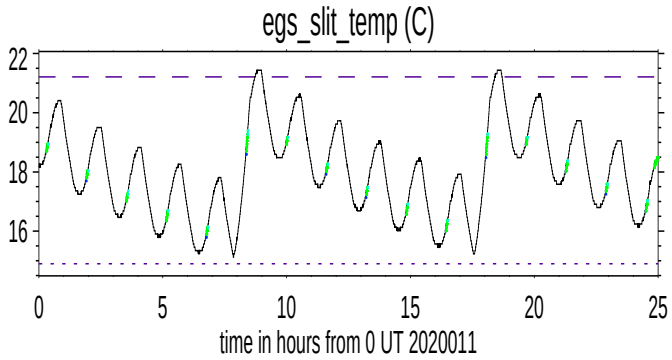
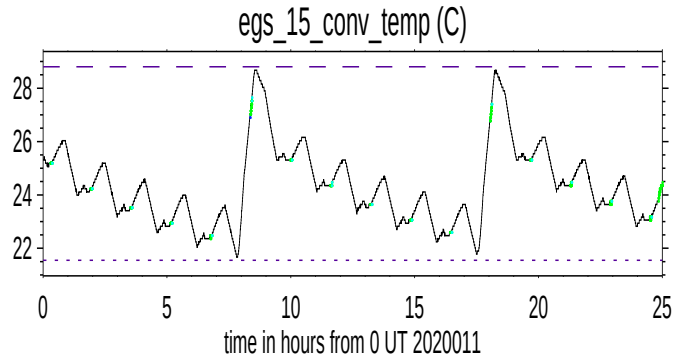
-14.9
-15.0
-15.1
-15.2
0 5 10 15 20 25
time in hours from 0 UT 2020011


egs_lamp_temp (C)
20 19 18 17 16 15
0 5 10 15 20 25
time in hours from 0 UT 2020011


egs_slit_temp (C)
22 20 18 16
0 5 10 15 20 25
time in hours from 0 UT 2020011


egs_15_conv_temp (C)
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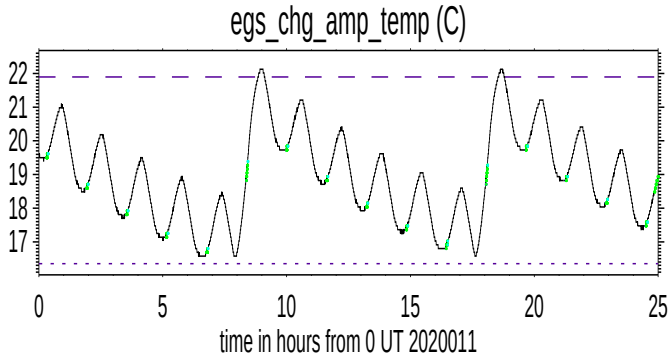
time in hours from 0 UT 2020011


egs_chg_amp_temp (C)
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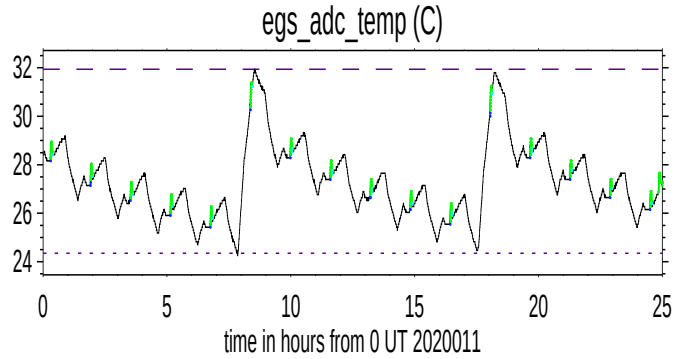
0 5 10 15 20 25
time in hours from 0 UT 2020011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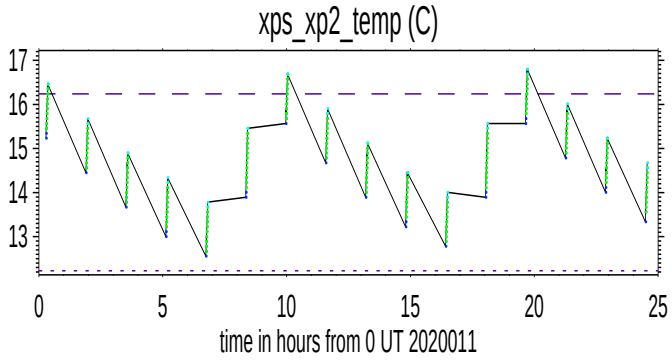
0 5 10 15 20 25
time in hours from 0 UT 2020011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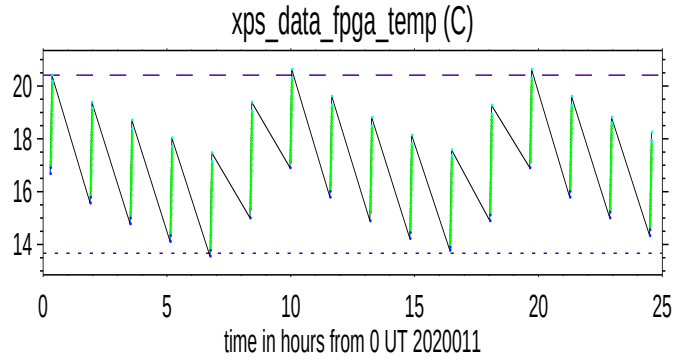
0 5 10 15 20 25
time in hours from 0 UT 2020011


xps_data_fpga_temp (C)
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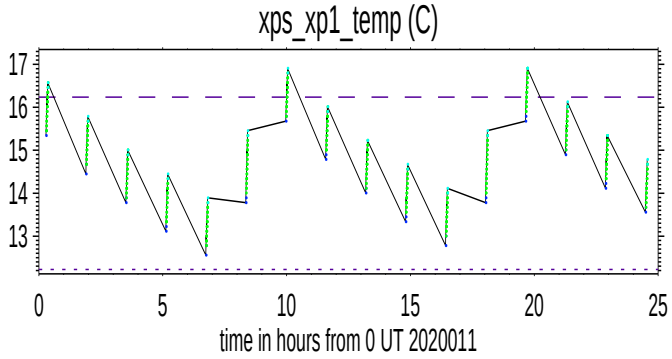
0 5 10 15 20 25
time in hours from 0 UT 2020011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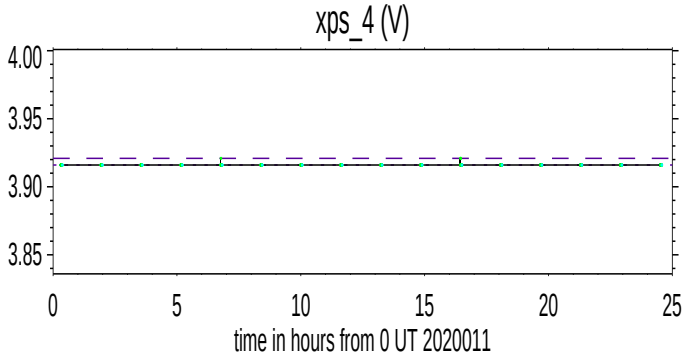
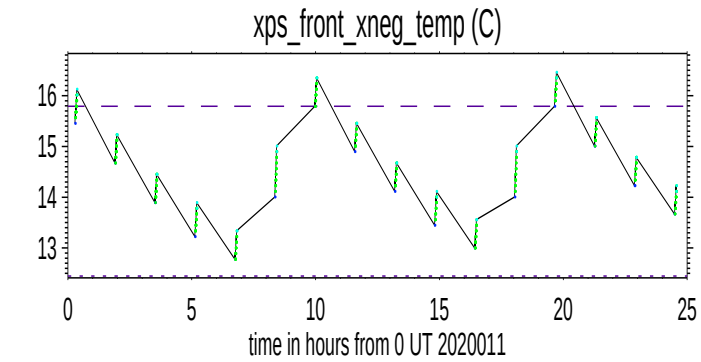
0 5 10 15 20 25
time in hours from 0 UT 2020011


xps_4 (V)
4.00 3.95 3.90 3.85
0 5 10 15 20 25
time in hours from 0 UT 2020011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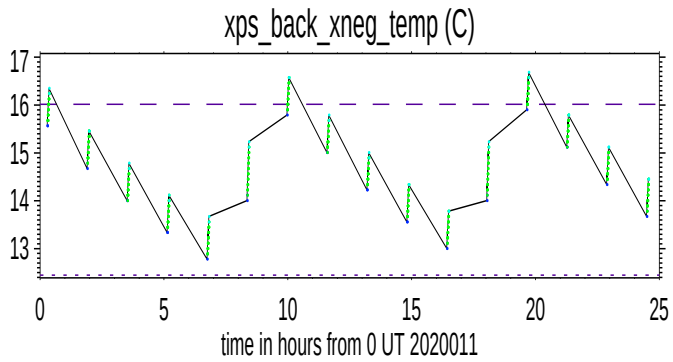
15
14
13
0
5
10
15
20
25
time in hours from 0 UT 2020011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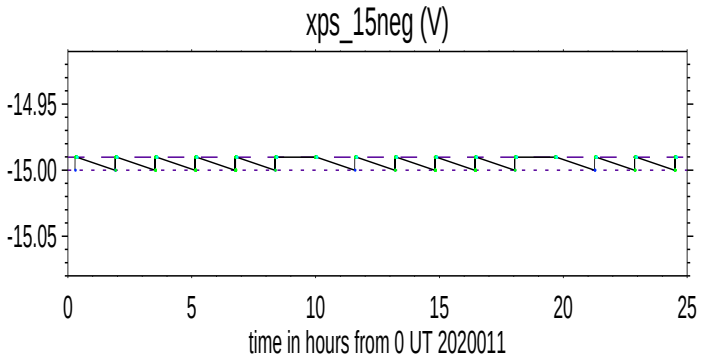
16
15
14
13
0
5
10
15
20
25
time in hours from 0 UT 2020011


xps_15neg (V)
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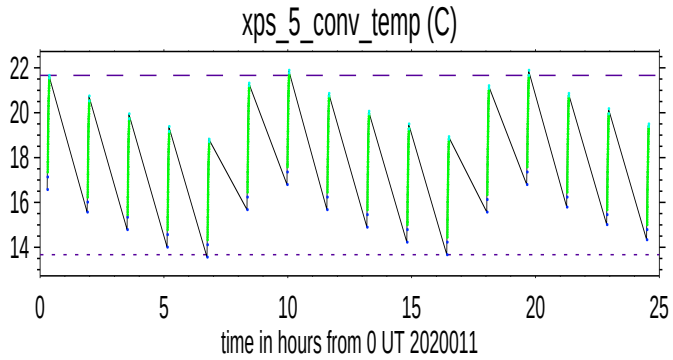
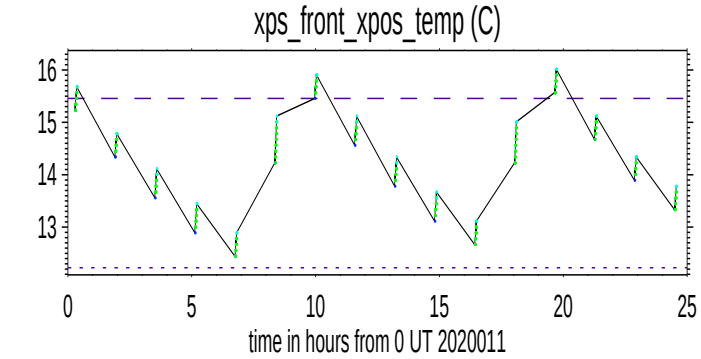
-15.00
-15.05
0
5
10
15
20
25
time in hours from 0 UT 2020011


xps_5_conv_temp (C)
22
20
18
16
14
0
5
10
15
20
25
time in hours from 0 UT 2020011


xps_front_xpos_temp (C)
16
15
14
13
0
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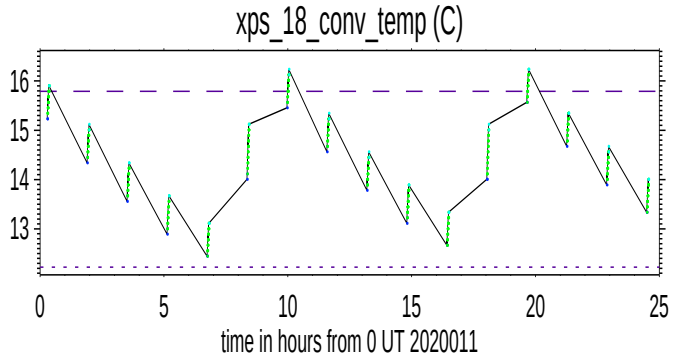
10
15
20
25
time in hours from 0 UT 2020011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10
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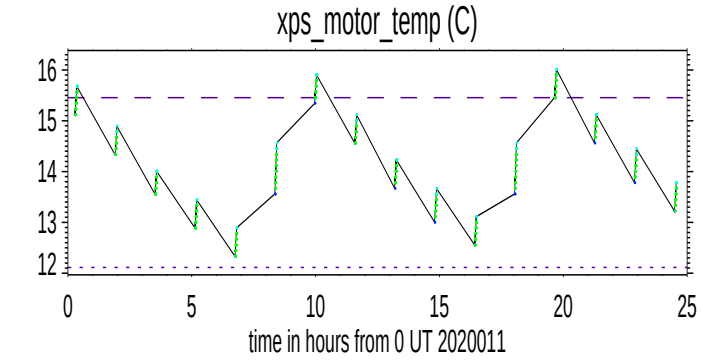
25
time in hours from 0 UT 2020011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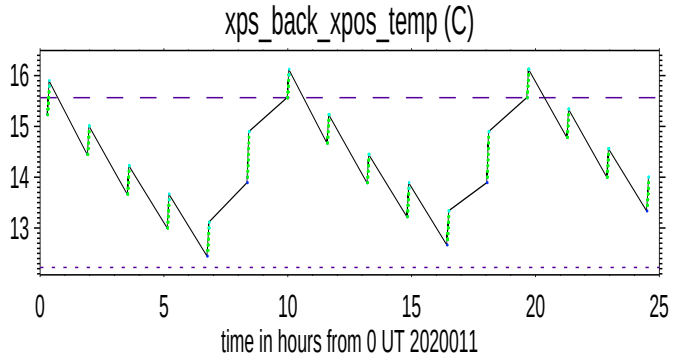
15
14
13
12
0
5
10
15
20
25
time in hours from 0 UT 2020011


xps_back_xpos_temp (C)
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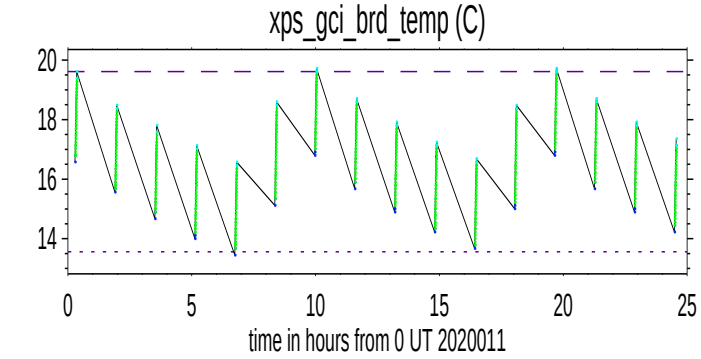
15
14
13
0
5
10
15
20
25
time in hours from 0 UT 2020011


xps_gci_brd_temp (C)
20
18
16
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0
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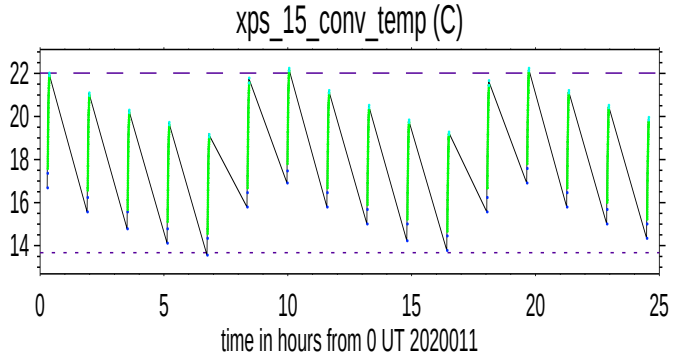
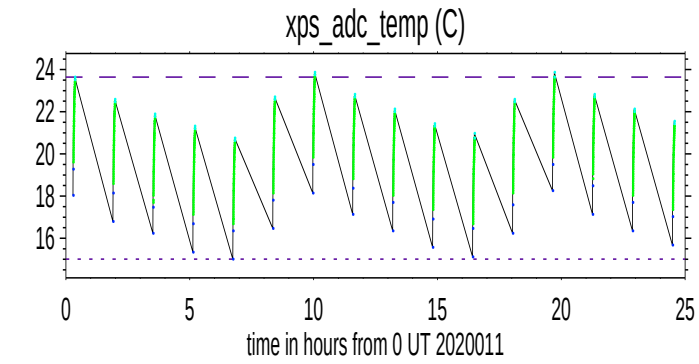
10
15
20
25
time in hours from 0 UT 2020011


xps_15_conv_temp (C)
22
20
18
16
14
0
5
10
15
20
25
time in hours from 0 UT 2020011


xps_adc_temp (C)
24
22
20
18
16
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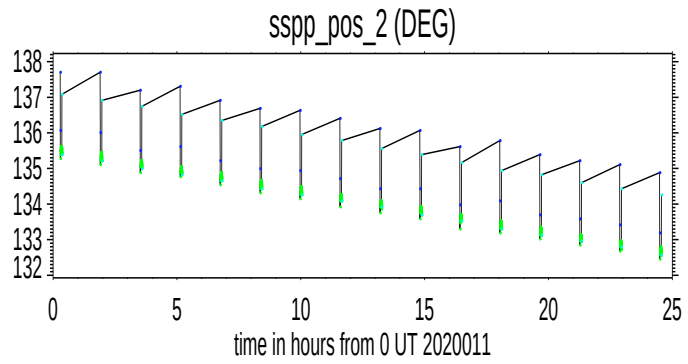
10
15
20
25
time in hours from 0 UT 2020011


sspp_pos_2 (DEG)
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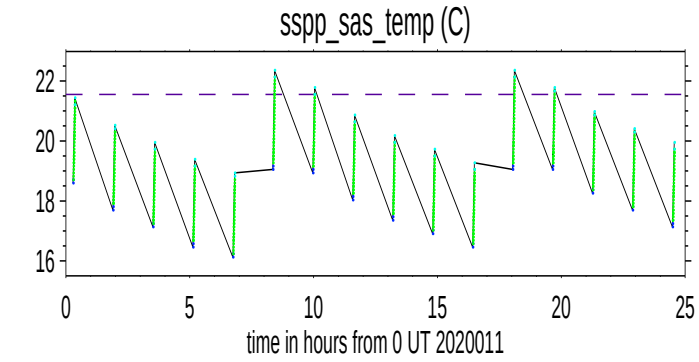
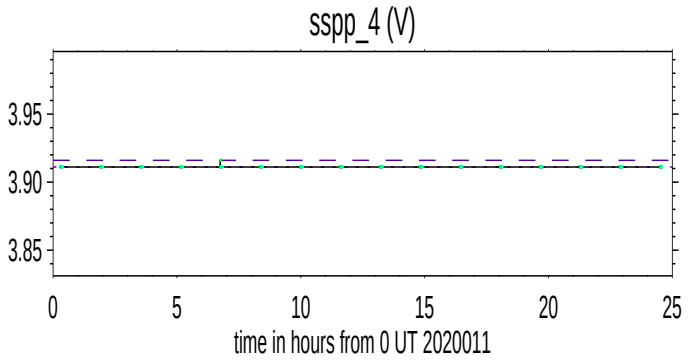
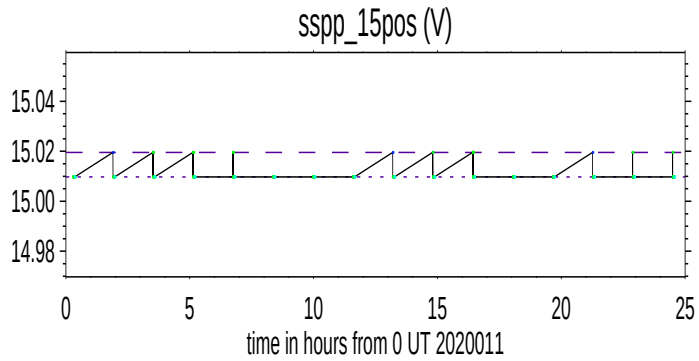
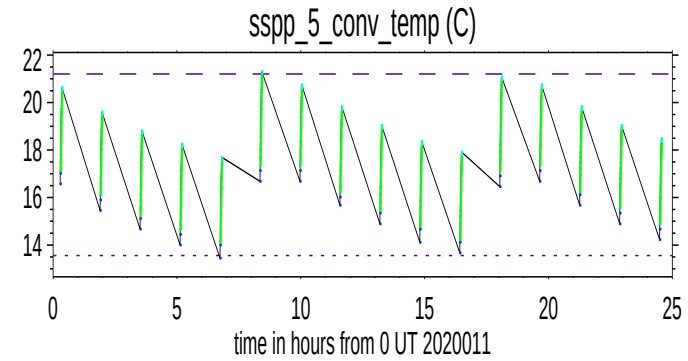
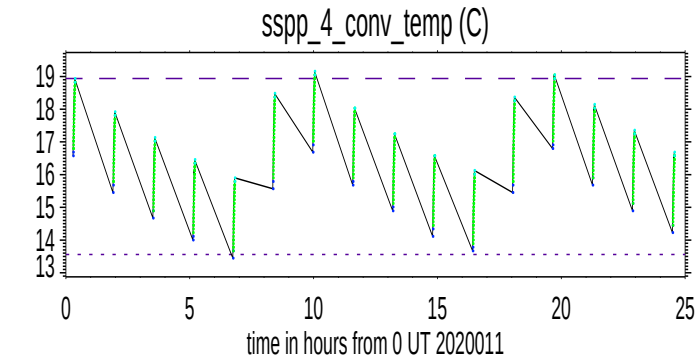
137
136
135
134
133
132
0
5
10
15
20
25
time in hours from 0 UT 2020011

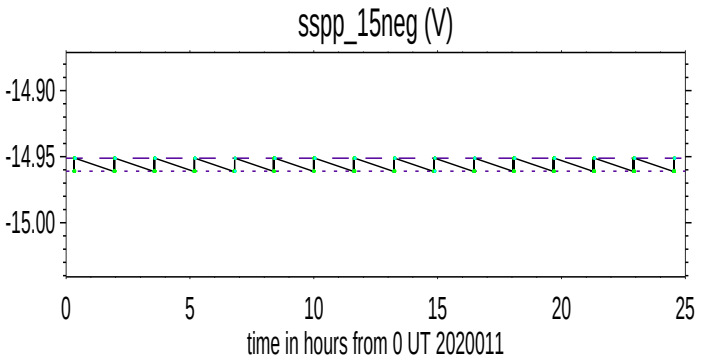

sspp_sas_temp (C)
22
20
18
16
0
5
10
15
20
25
time in hours from 0 UT 2020011

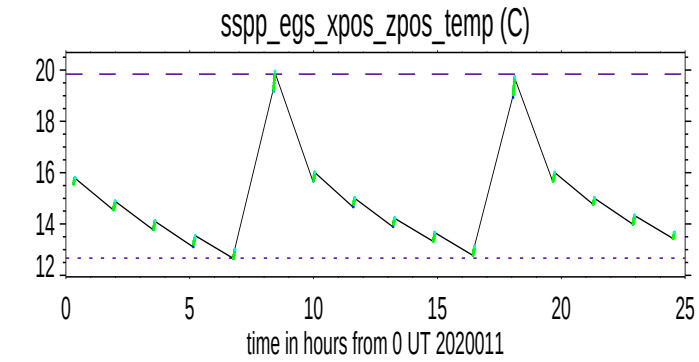

sspp_4 (V)
3.95
3.90
3.85
0
5
10
15
20
25
time in hours from 0 UT 2020011

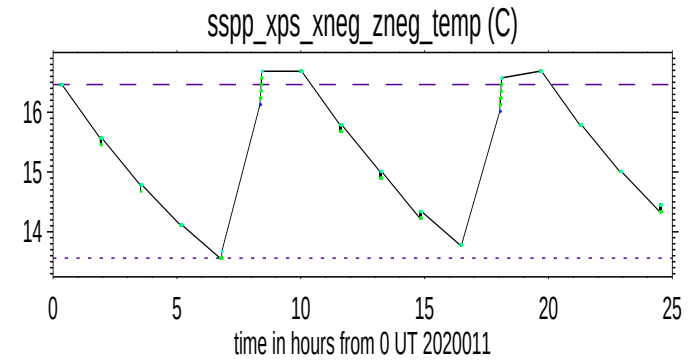

sspp_15pos (V)
15.04
15.02
15.00
14.98
0
5
10
15
20
25
time in hours from 0 UT 2020011

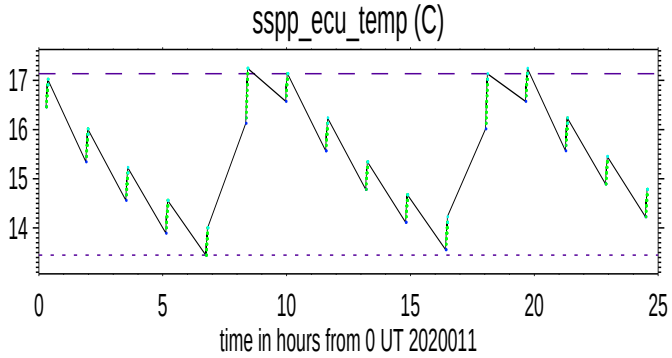

sspp_5_conv_temp (C)
22
20
18
16
14
0
5
10
15
20
25
time in hours from 0 UT 2020011

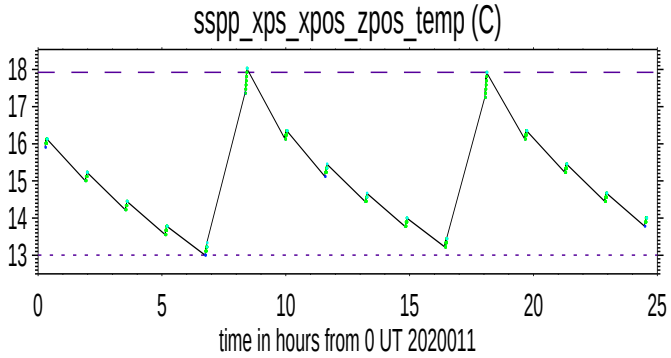

sspp_4_conv_temp (C)
19
18
17
16
15
14
13
0
5
10
15
20
25
time in hours from 0 UT 2020011

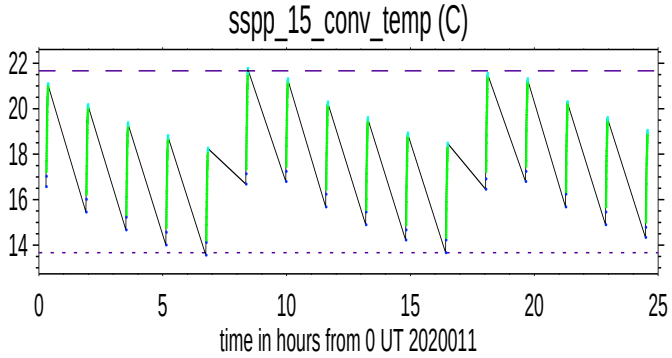

sspp_15neg (V)
-14.90
-14.95
-15.00
0
5
10
15
20
25
time in hours from 0 UT 2020011

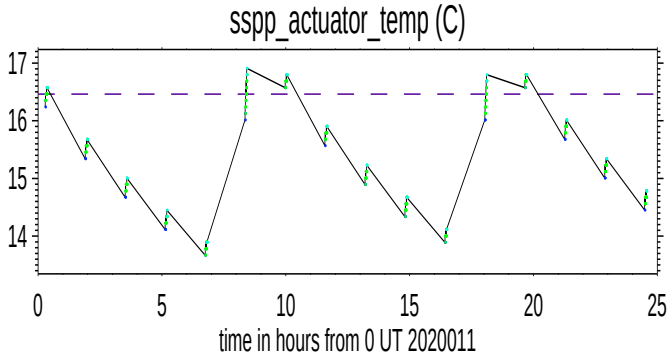

sspp_egs_xpos_zpos_temp (C)
20
18
16
14
12
0
5
10
15
20
25
time in hours from 0 UT 2020011

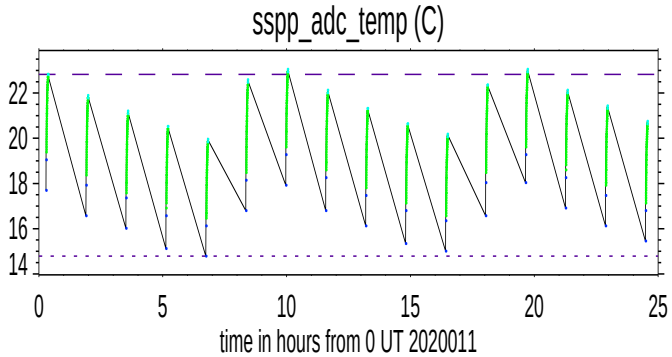

sspp_xps_xneg_zneg_temp (C)
16
15
14
0
5
10
15
20
25
time in hours from 0 UT 2020011

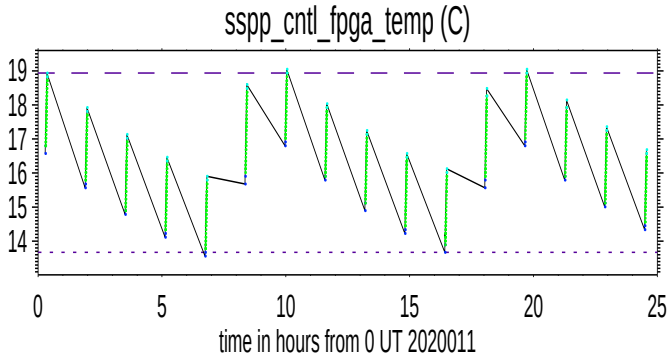

sspp_ecu_temp (C)
17
16
15
14
0
5
10
15
20
25
time in hours from 0 UT 2020011

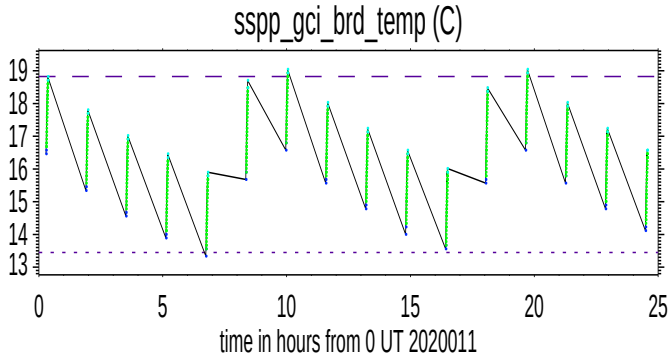

sspp_xps_xpos_zpos_temp (C)
18
17
16
15
14
13
0
5
10
15
20
25
time in hours from 0 UT 2020011

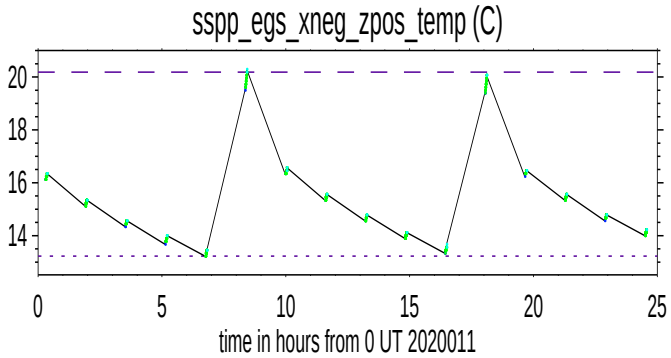

sspp_15_conv_temp (C)
22
20
18
16
14
0
5
10
15
20
25
time in hours from 0 UT 2020011

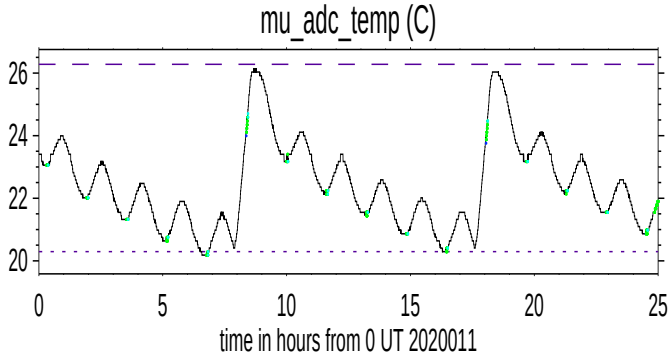

sspp_actuator_temp (C)
17
16
15
14
0
5
10
15
20
25
time in hours from 0 UT 2020011

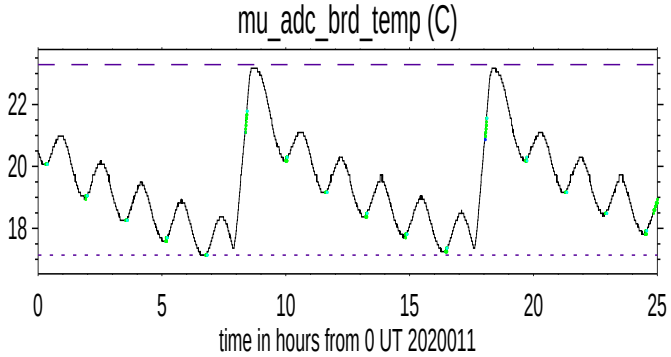

sspp_adc_temp (C)
22
20
18
16
14
0
5
10
15
20
25
time in hours from 0 UT 2020011

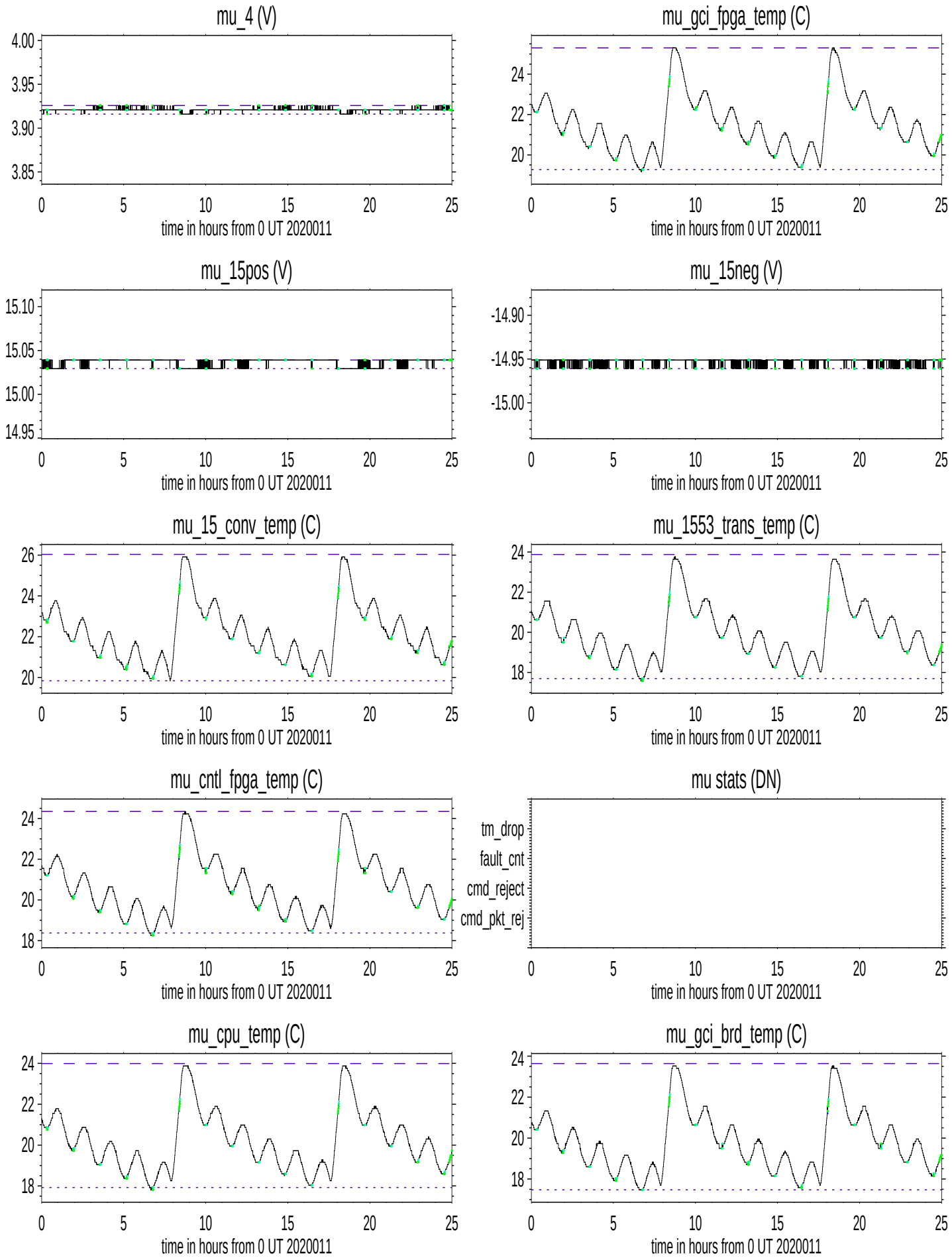

sspp_cntl_fpga_temp (C)
19
18
17
16
15
14
0
5
10
15
20
25
time in hours from 0 UT 2020011

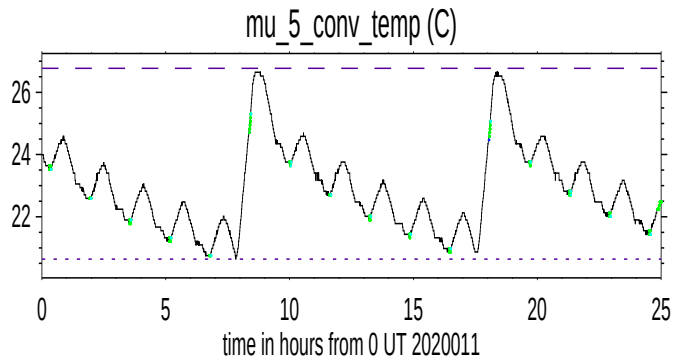

sspp_gci_brd_temp (C)
19
18
17
16
15
14
13
0
5
10
15
20
25
time in hours from 0 UT 2020011

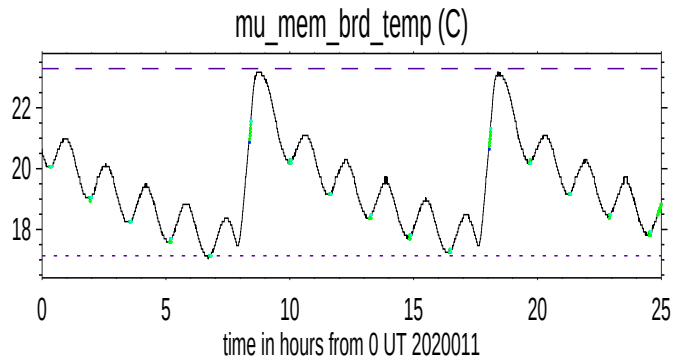

sspp_egs_xneg_zpos_temp (C)
20
18
16
14
0
5
10
15
20
25
time in hours from 0 UT 2020011

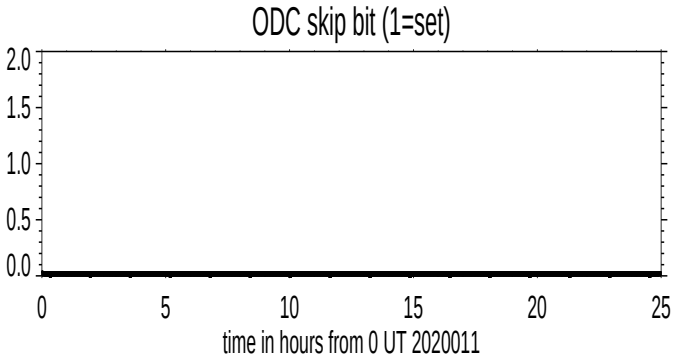

mu_adc_temp (C)
26
24
22
20
0
5
10
15
20
25
time in hours from 0 UT 2020011

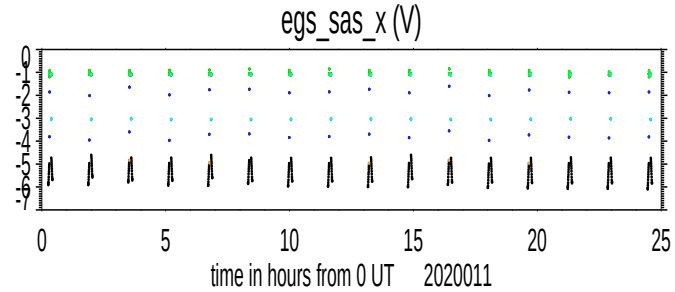

mu_adc_brd_temp (C)
22
20
18
0
5
10
15
20
25
time in hours from 0 UT 2020011

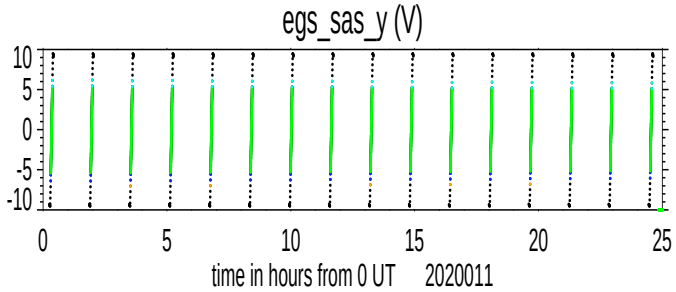

mu_4 (V)
4.00
3.95
3.90
3.85
mu_gci_fpga_temp (C)
24
22
20
mu_15pos (V)
15.10
15.05
15.00
14.95
mu_15neg (V)
-14.90
-14.95
-15.00
mu_15_conv_temp (C)
26
24
22
20
mu_1553_trans_temp (C)
24
22
20
18
mu_cntl_fpga_temp (C)
24
22
20
18
mu stats (DN)
tm_drop
fault_cnt
cmd_reject
cmd_pkt_rej
mu_cpu_temp (C)
24
22
20
18
mu_gci_brd_temp (C)
24
22
20
18
0
5
10
15
20
25
time in hours from 0 UT 2020011

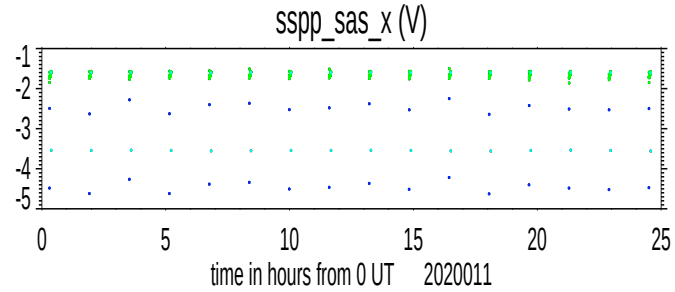

mu_5_conv_temp (C)
26
24
22
0
5
10
15
20
25
time in hours from 0 UT 2020011

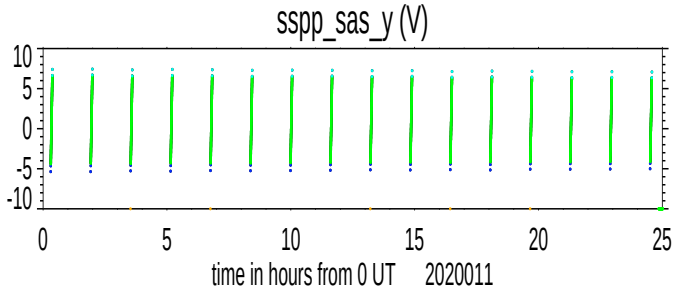

mu_mem_brd_temp (C)
22
20
18
0
5
10
15
20
25
time in hours from 0 UT 2020011

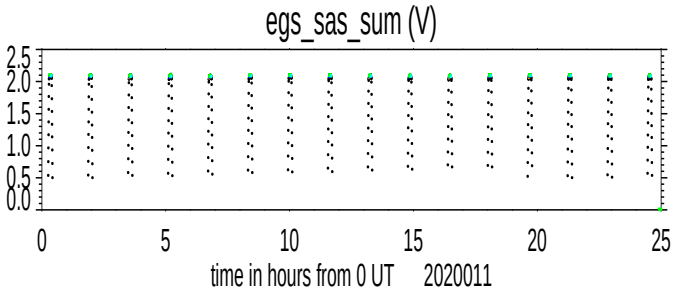

ODC skip bit (1=set)
2.0
1.5
1.0
0.5
0.0
0
5
10
15
20
25
time in hours from 0 UT 2020011

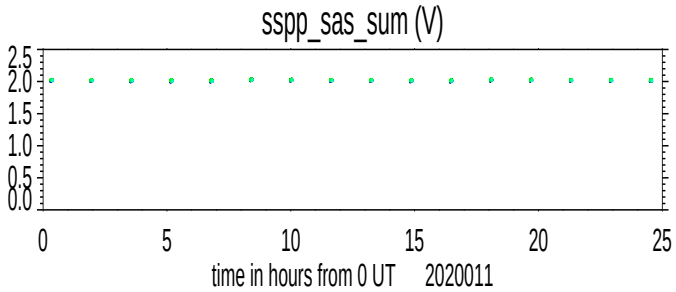

egs_sas_x (V)
time in hours from 0 UT 2020011

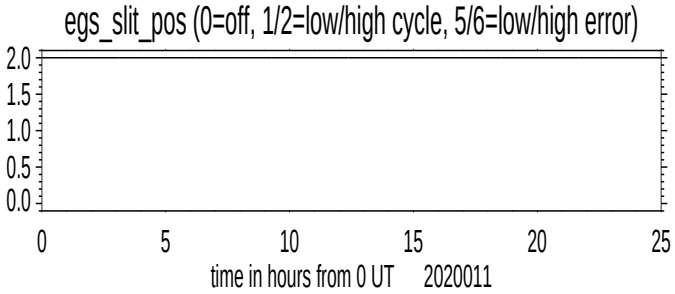

egs_sas_y (V)
time in hours from 0 UT 2020011

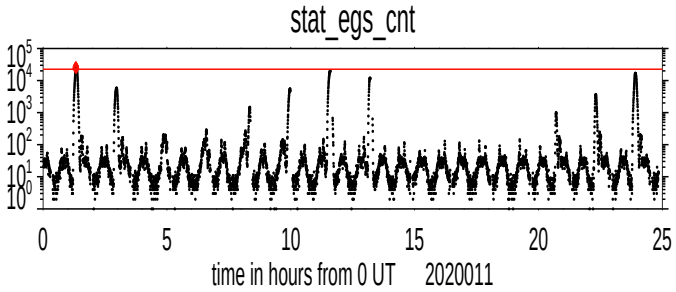

sspp_sas_x (V)
time in hours from 0 UT 2020011

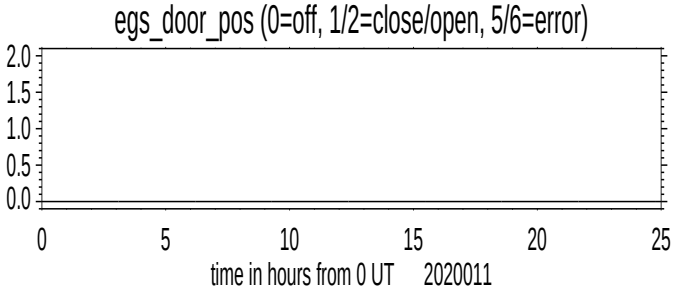

sspp_sas_y (V)
time in hours from 0 UT 2020011

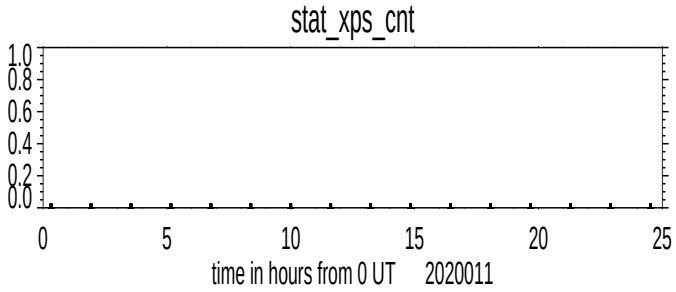

egs_sas_sum (V)
time in hours from 0 UT 2020011

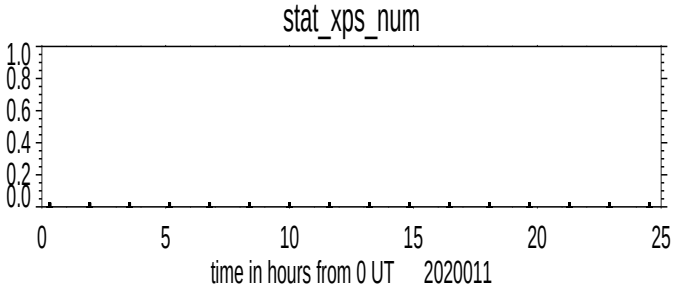

sspp_sas_sum (V)
time in hours from 0 UT 2020011

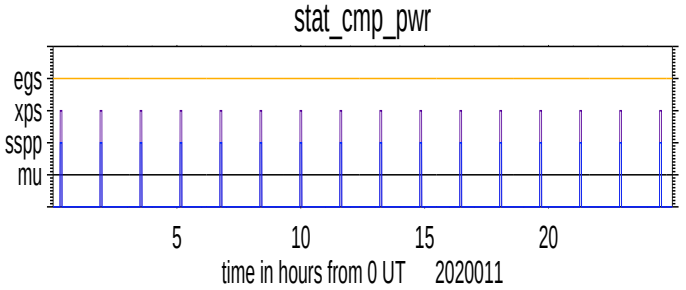

egs_slit_pos (0=off, 1/2=low/high cycle, 5/6=low/high error)
time in hours from 0 UT 2020011


stat_egs_cnt
time in hours from 0 UT 2020011

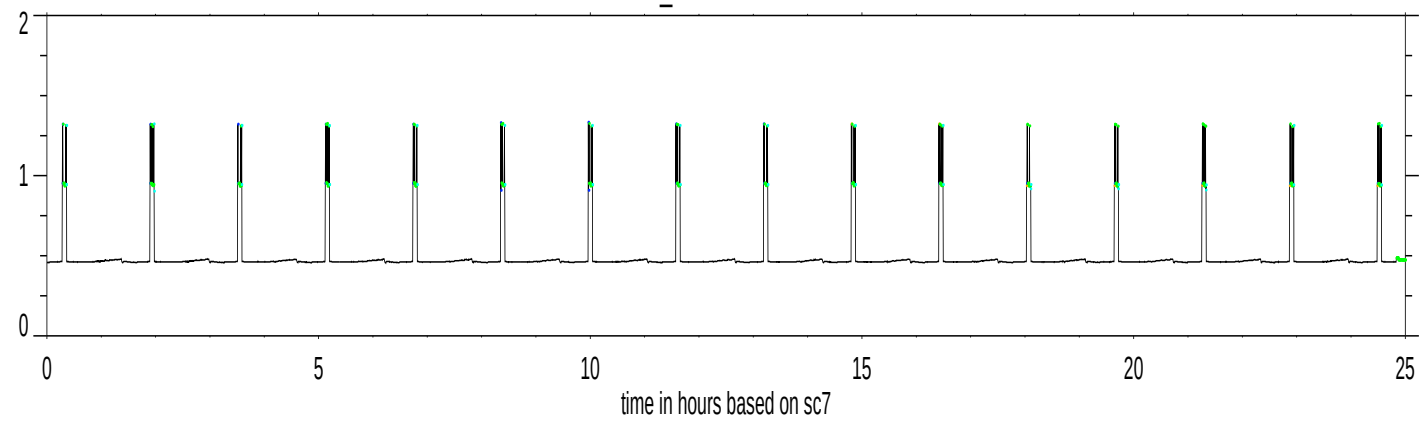

egs_door_pos (0=off, 1/2=close/open, 5/6=error)
time in hours from 0 UT 2020011


stat_xps_cnt
time in hours from 0 UT 2020011

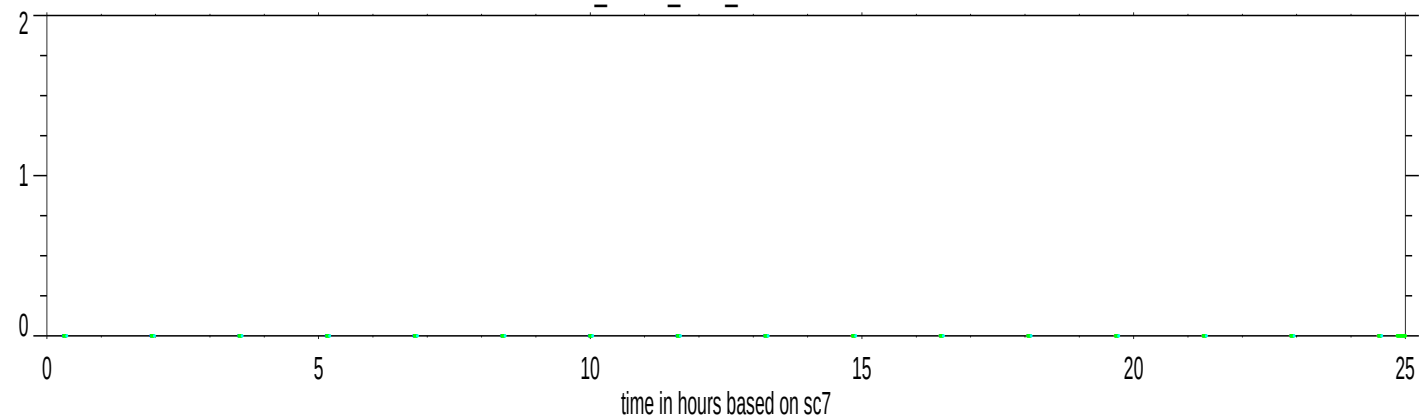

stat_xps_num
time in hours from 0 UT 2020011


stat_cmp_pwr
egs
xps
sspp
mu
time in hours from 0 UT 2020011

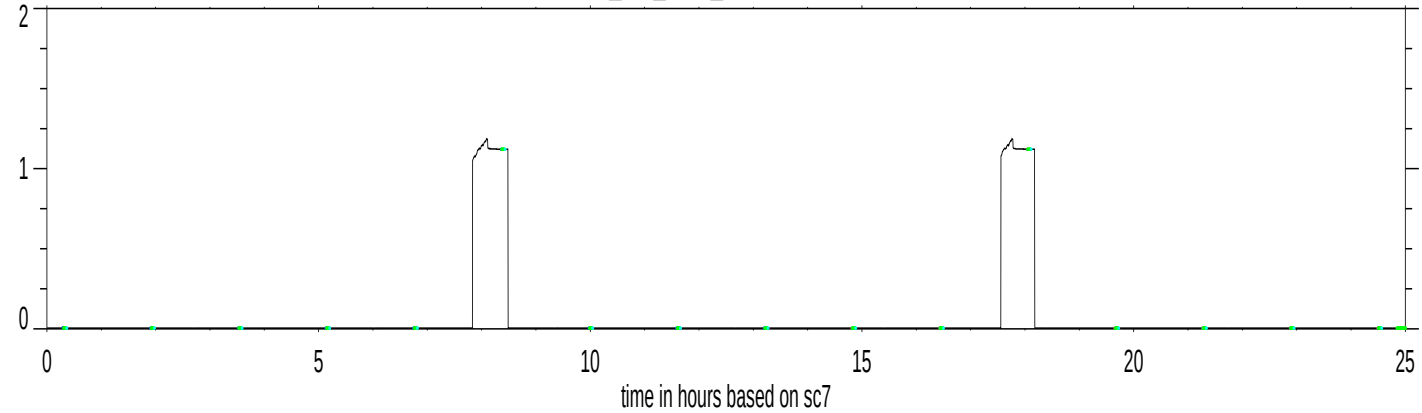
SEE_CUR 2020011



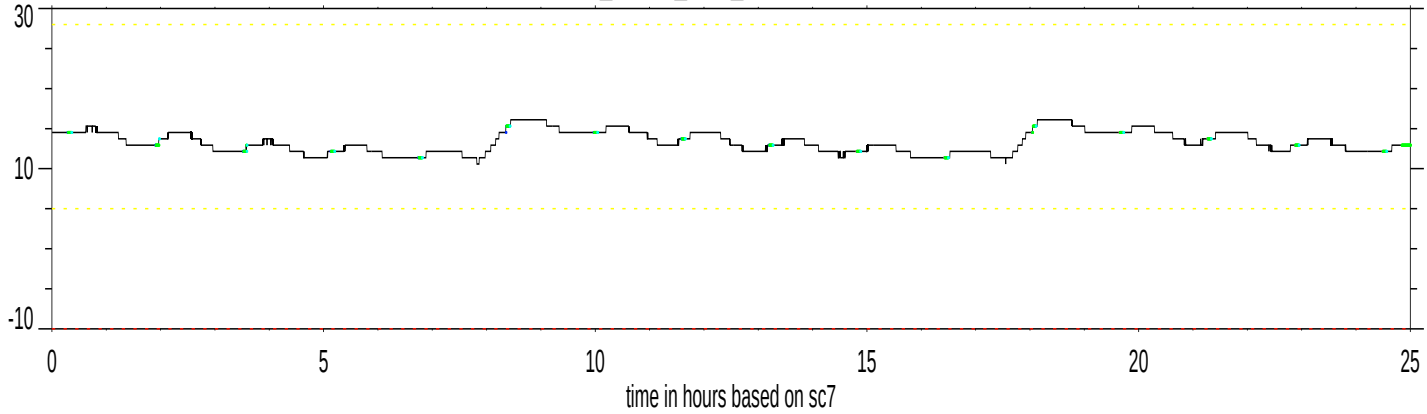
SEE_SURV_HTR_CUR 2020011



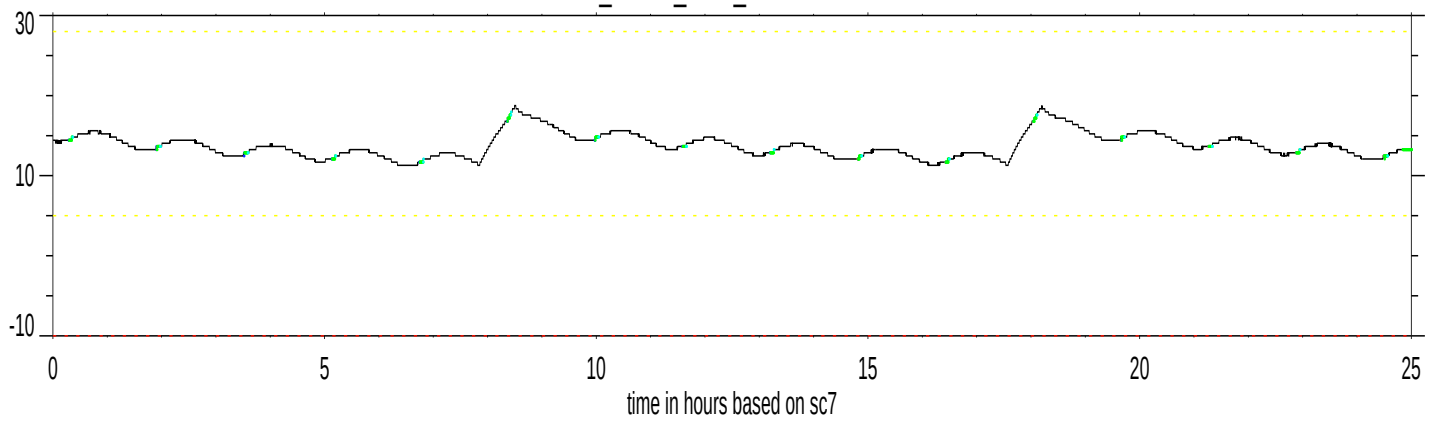
SEE_OP_HTR_CUR 2020011



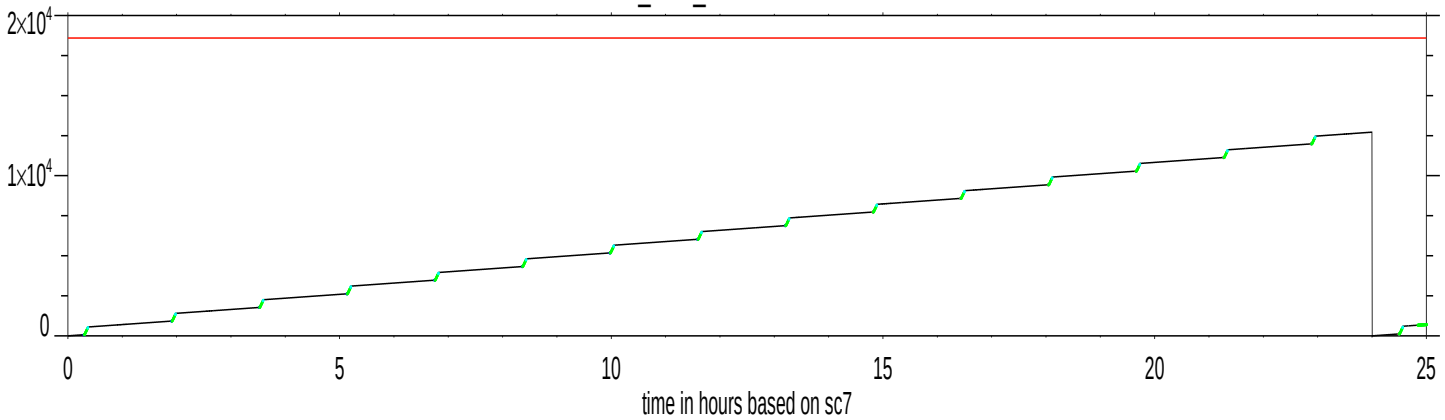
SSPP_BHND_XPS_TEMP 2020011



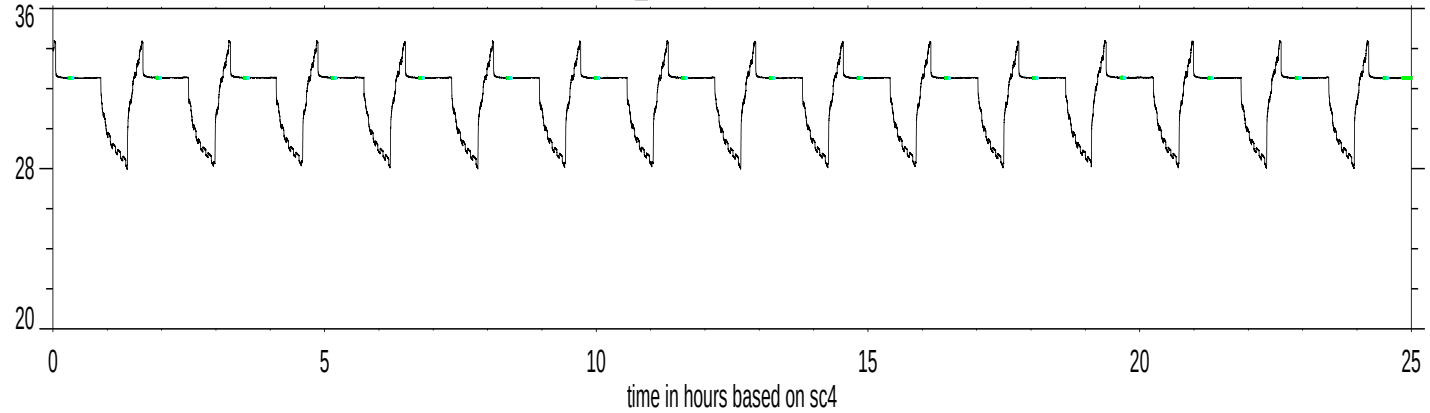
SSPP_BHND_MTR_TEMP 2020011



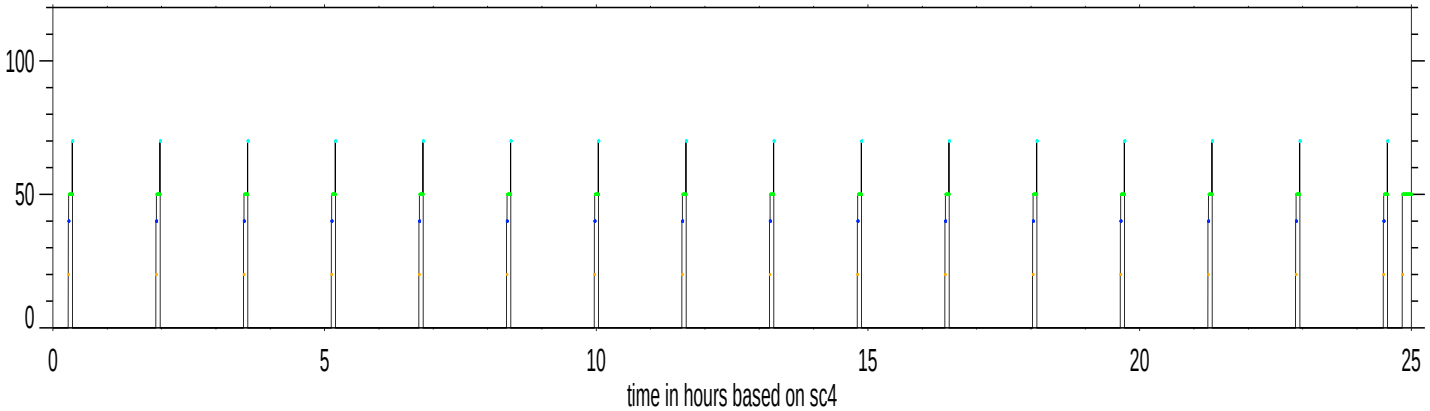
SEE_PKT_COUNT 2020011

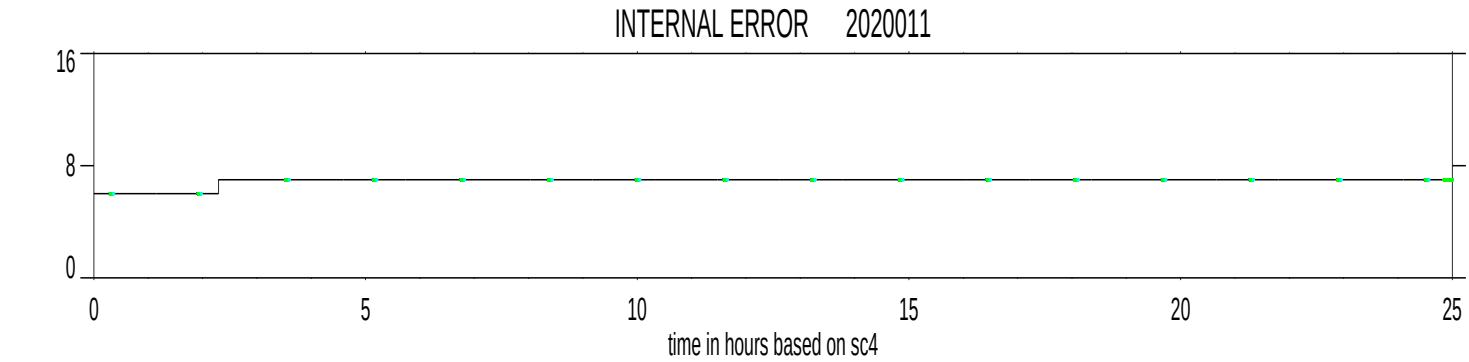


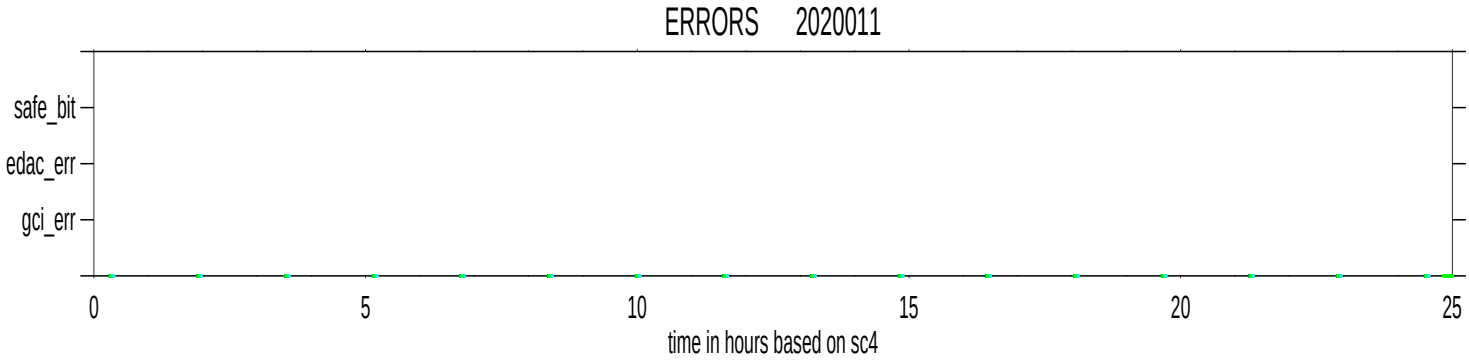
BUS_VOLTAGE 2020011

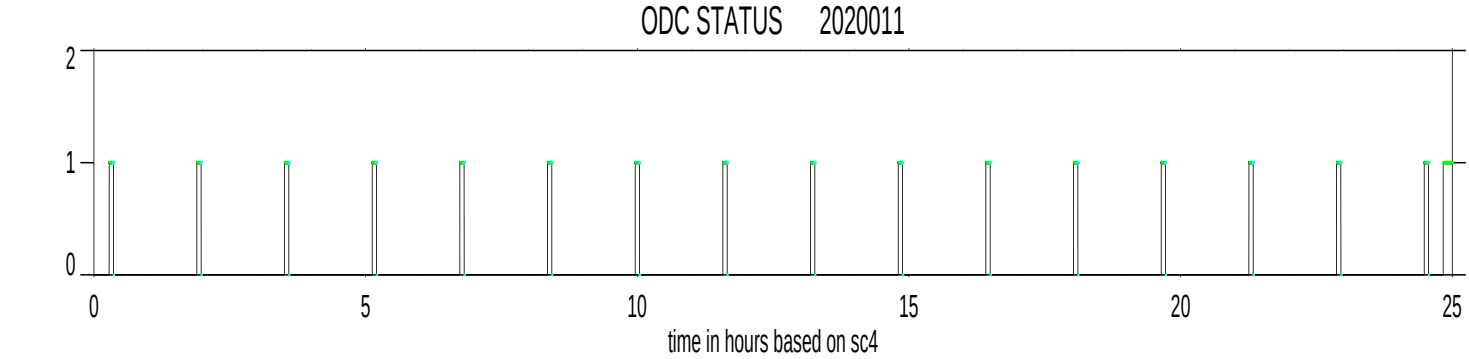


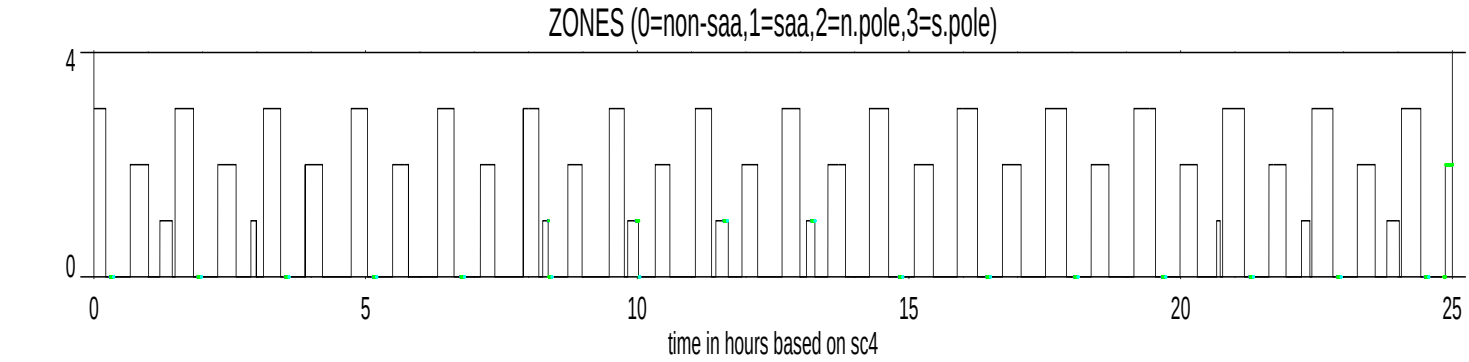
SEE_MU Operational Mode 2020011

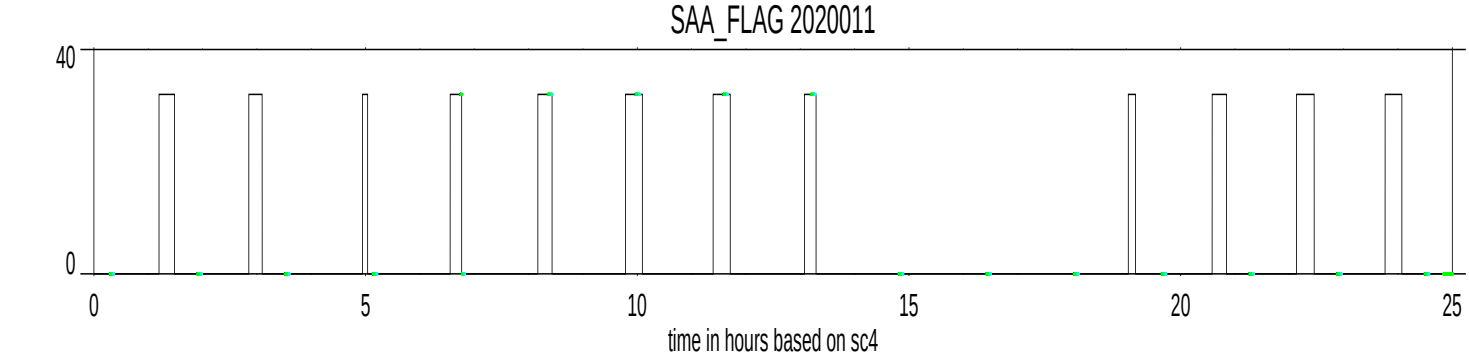


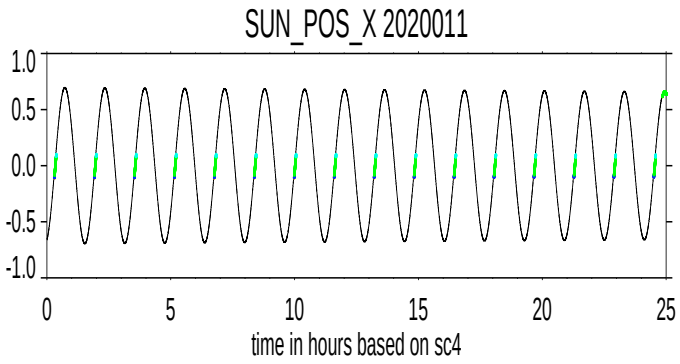

INTERNAL ERROR 2020011
16
8
0
0
5
10
15
20
25
time in hours based on sc4

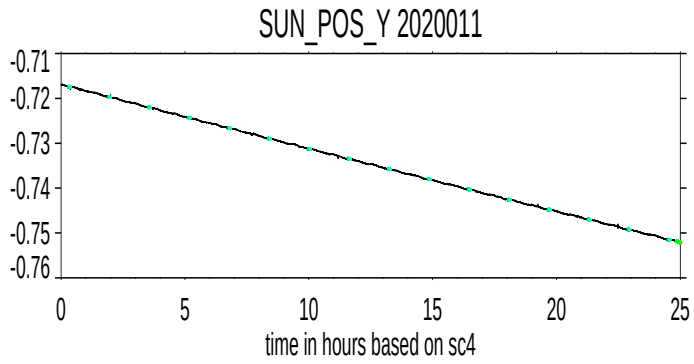

ERRORS 2020011
safe_bit
edac_err
gci_err
0
5
10
15
20
25
time in hours based on sc4

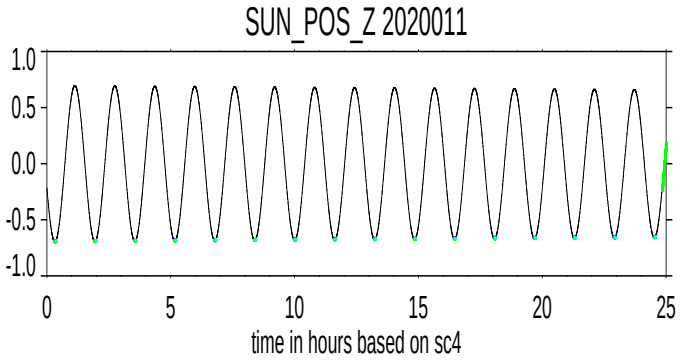

ODC STATUS 2020011
2
1
0
0
5
10
15
20
25
time in hours based on sc4

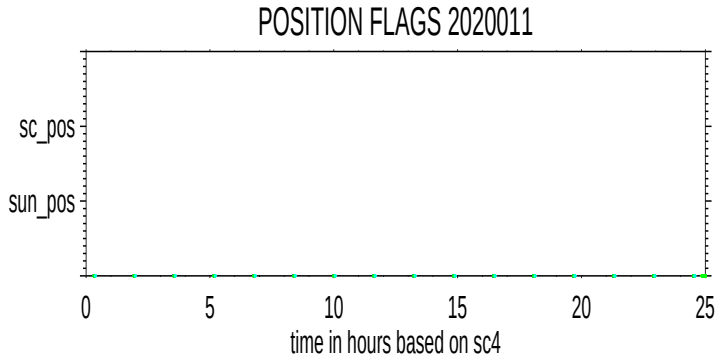

ZONES (0=non-saa,1=saa,2=n.pole,3=s.pole)
4
0
0
5
10
15
20
25
time in hours based on sc4

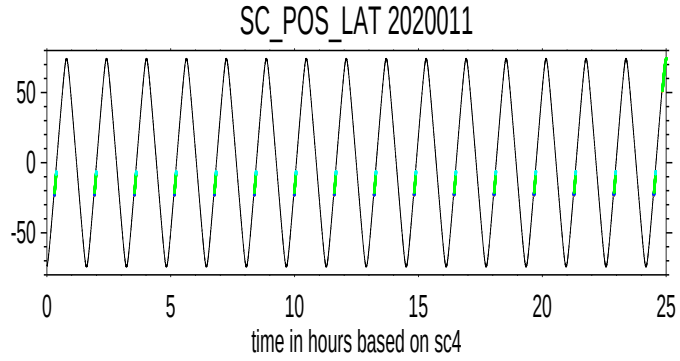

SAA_FLAG 2020011
40
0
0
5
10
15
20
25
time in hours based on sc4

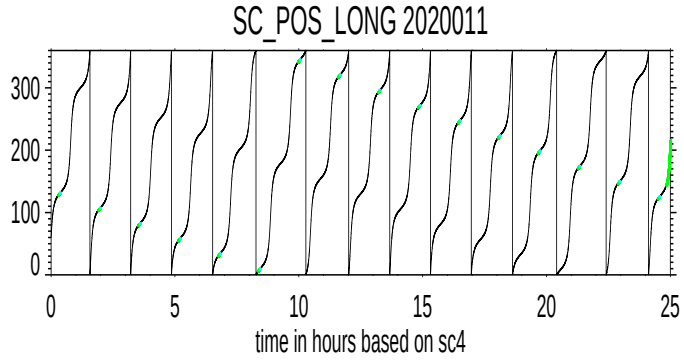

SUN_POS_X 2020011
1.0
0.5
0.0
-0.5
-1.0
0
5
10
15
20
25
time in hours based on sc4

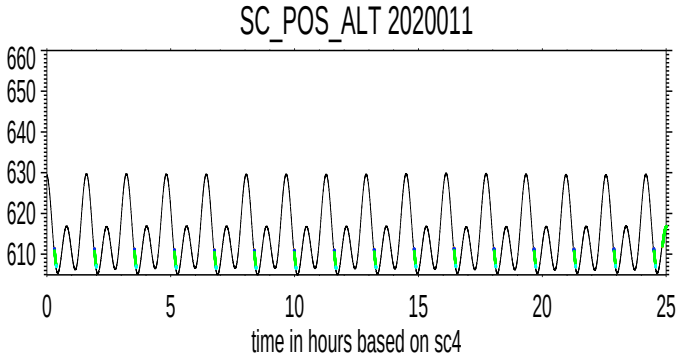

SUN_POS_Y 2020011
-0.71
-0.72
-0.73
-0.74
-0.75
-0.76
0
5
10
15
20
25
time in hours based on sc4

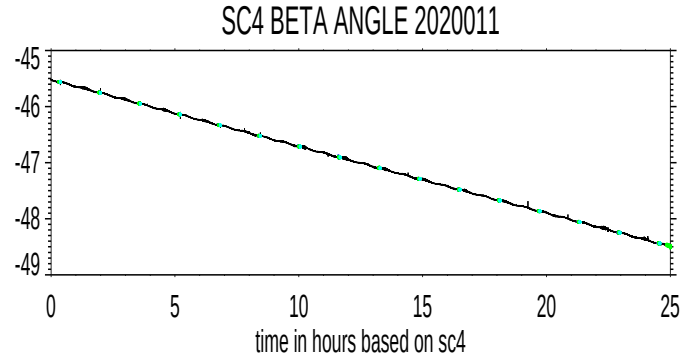

SUN_POS_Z 2020011
1.0
0.5
0.0
-0.5
-1.0
0
5
10
15
20
25
time in hours based on sc4


POSITION FLAGS 2020011
sc_pos
sun_pos
0
5
10
15
20
25
time in hours based on sc4


SC_POS_LAT 2020011
50
0
-50
0
5
10
15
20
25
time in hours based on sc4


SC_POS_LONG 2020011
300
200
100
0
0
5
10
15
20
25
time in hours based on sc4


SC_POS_ALT 2020011
660
650
640
630
620
610
0
5
10
15
20
25
time in hours based on sc4


SC4 BETA ANGLE 2020011
-45
-46
-47
-48
-49
0
5
10
15
20
25
time in hours based on sc4