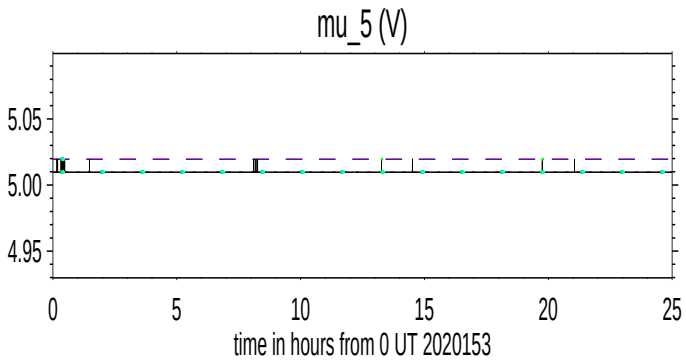
Information for 2020153


mu_5 (V)
5.05
5.00
4.95
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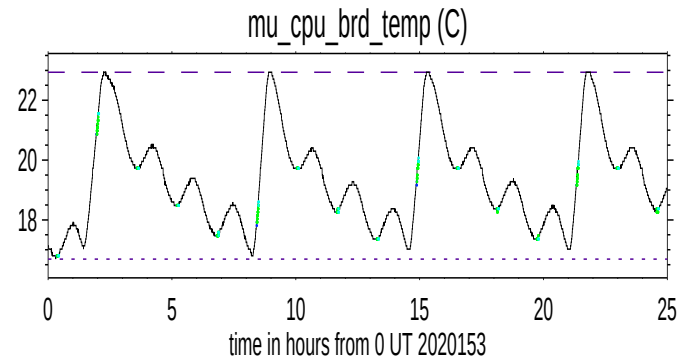
5
10
15
20
25
time in hours from 0 UT 2020153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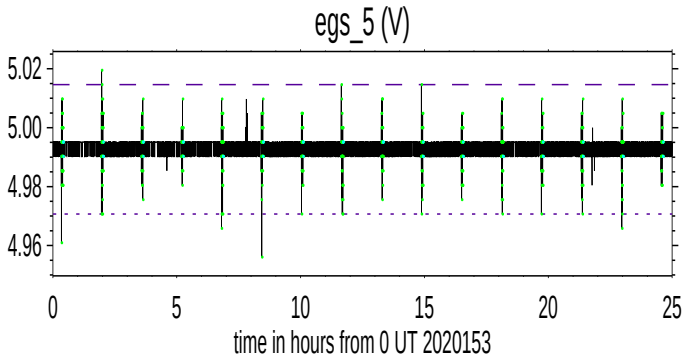
time in hours from 0 UT 2020153


egs_5 (V)
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5.00
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4.96
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5
10
15
20
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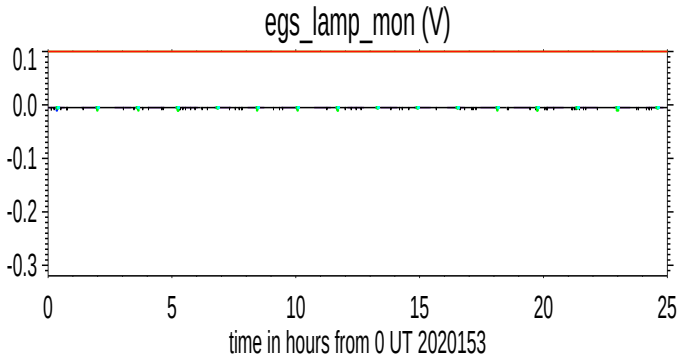
time in hours from 0 UT 2020153


egs_lamp_mon (V)
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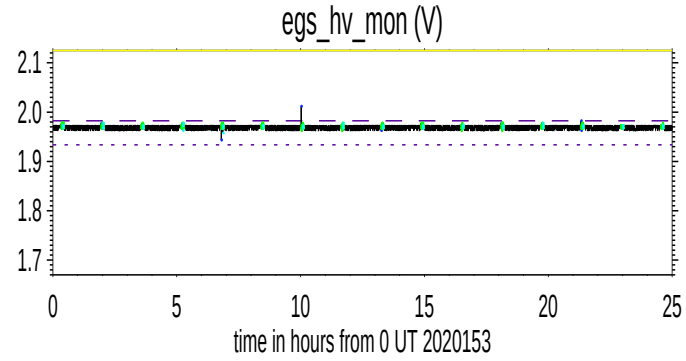
-0.1
-0.2
-0.3
0
5
10
15
20
25
time in hours from 0 UT 2020153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2.0
1.9
1.8
1.7
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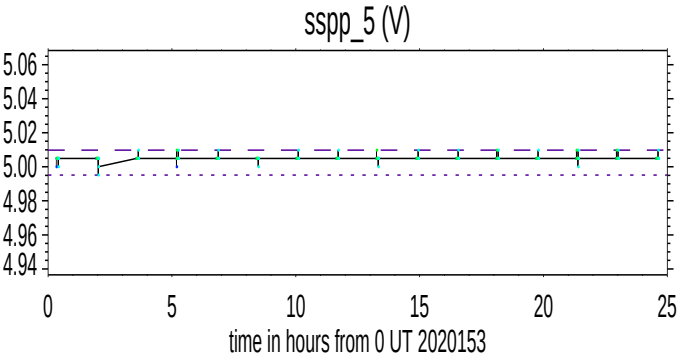
10
15
20
25
time in hours from 0 UT 2020153


sspp_5 (V)
5.06
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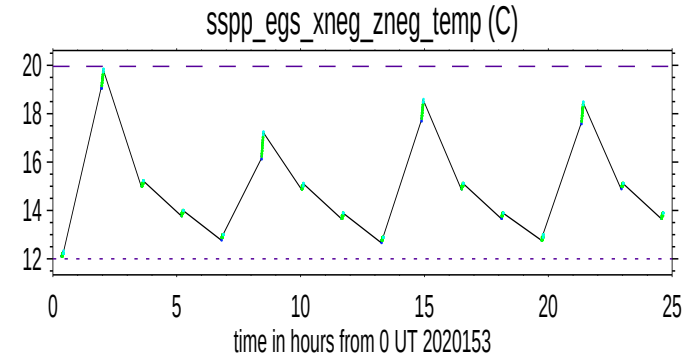
5.02
5.00
4.98
4.96
4.94
0
5
10
15
20
25
time in hours from 0 UT 2020153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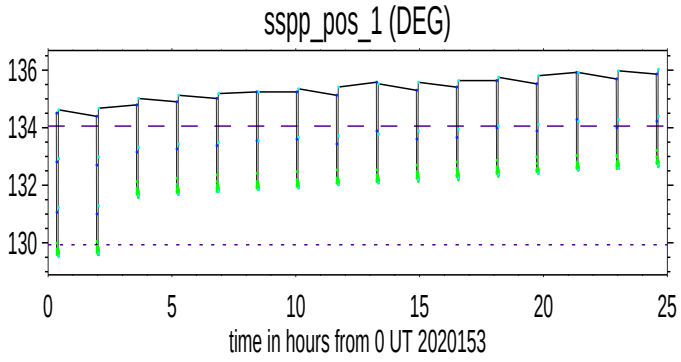
10
15
20
25
time in hours from 0 UT 2020153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136
134
132
130
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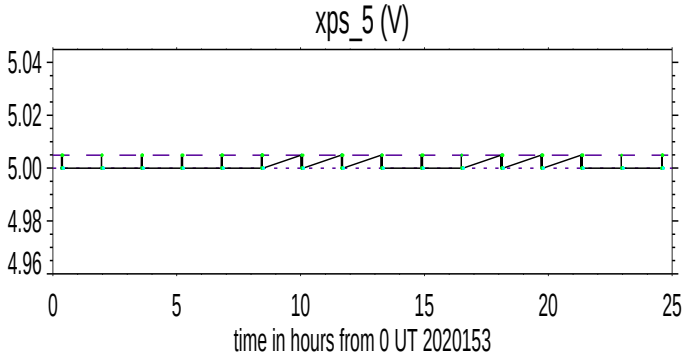
10
15
20
25
time in hours from 0 UT 2020153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5.02
5.00
4.98
4.96
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10
15
20
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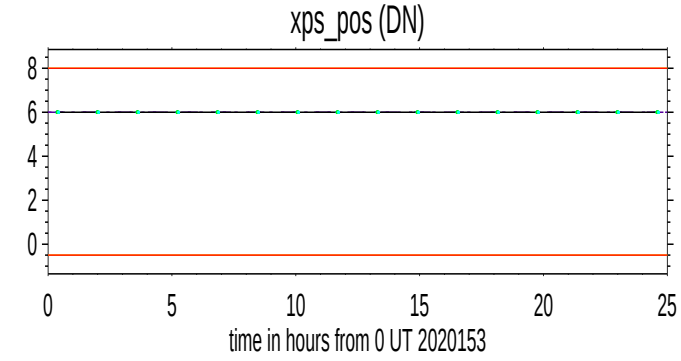
time in hours from 0 UT 2020153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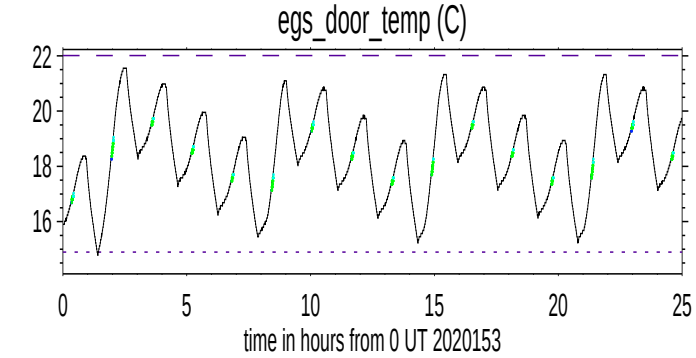
time in hours from 0 UT 2020153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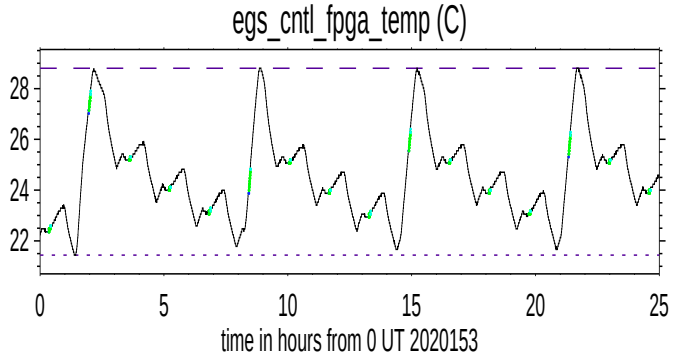
10
15
20
25
time in hours from 0 UT 2020153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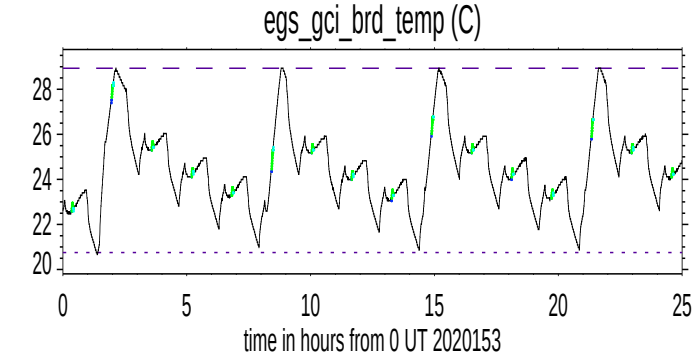
22
0
5
10
15
20
25
time in hours from 0 UT 2020153


egs_gci_brd_temp (C)
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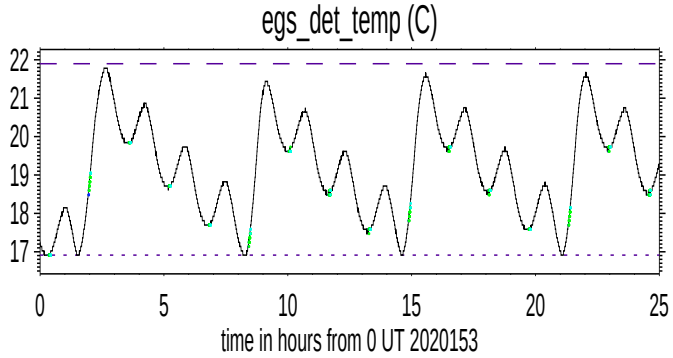
26
24
22
20
0
5
10
15
20
25
time in hours from 0 UT 2020153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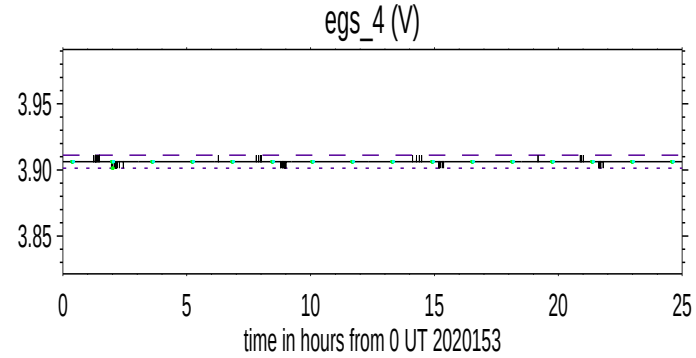
5
10
15
20
25
time in hours from 0 UT 2020153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3.85
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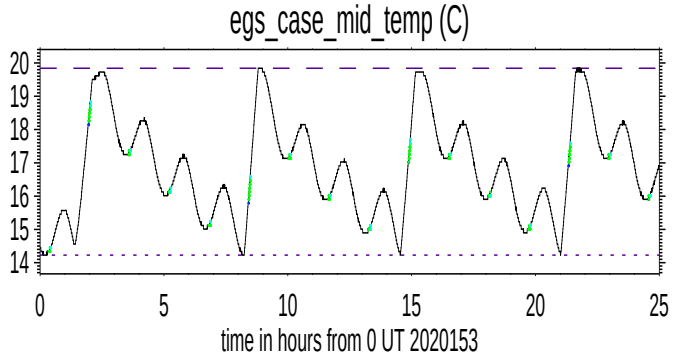
5
10
15
20
25
time in hours from 0 UT 2020153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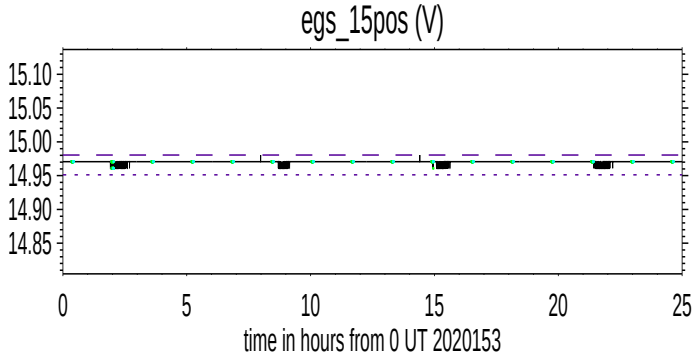
19
18
17
16
15
14
0
5
10
15
20
25
time in hours from 0 UT 2020153


egs_15pos (V)
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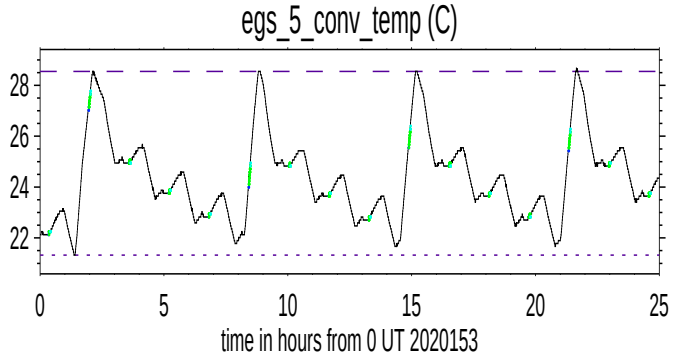
15.00
14.95
14.90
14.85
0
5
10
15
20
25
time in hours from 0 UT 2020153


egs_5_conv_temp (C)
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26
24
22
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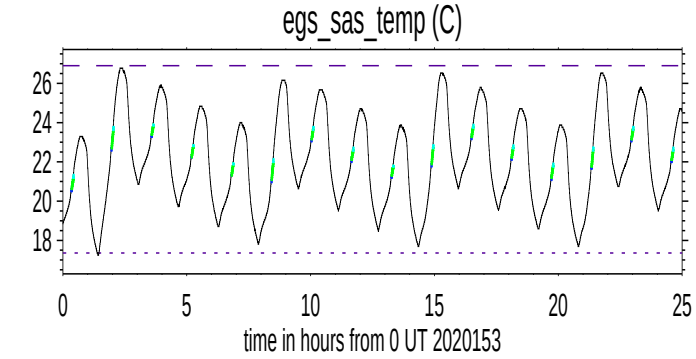
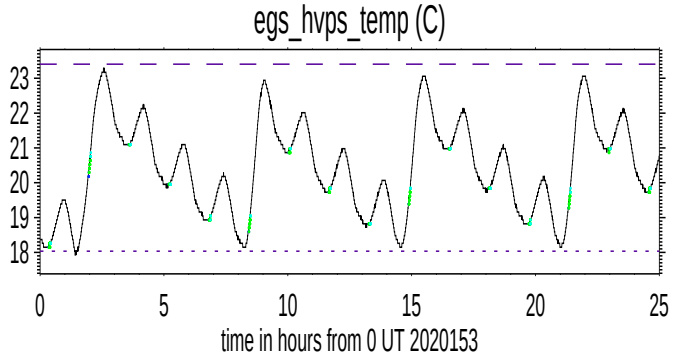
10
15
20
25
time in hours from 0 UT 2020153


egs_sas_temp (C)
26
24
22
20
18
0
5
10
15
20
25
time in hours from 0 UT 2020153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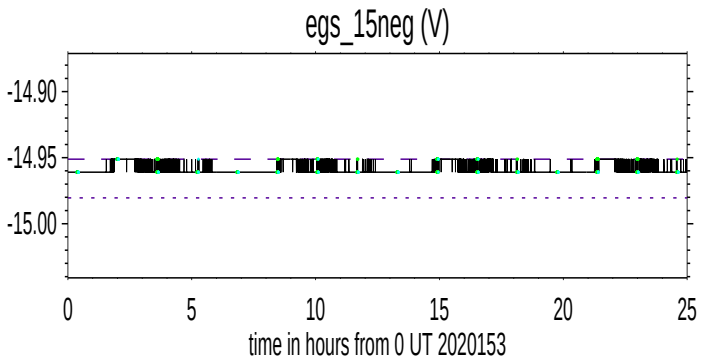
22
21
20
19
18
0
5
10
15
20
25
time in hours from 0 UT 2020153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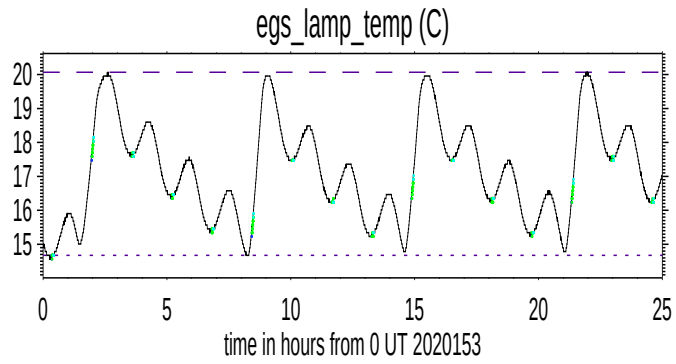
-14.95
-15.00
0 5 10 15 20 25
time in hours from 0 UT 2020153


egs_lamp_temp (C)
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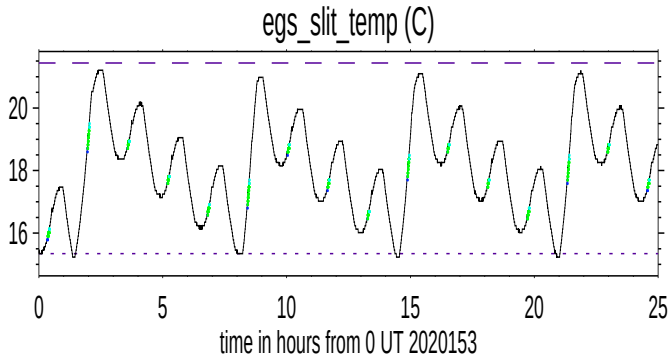
0 5 10 15 20 25
time in hours from 0 UT 2020153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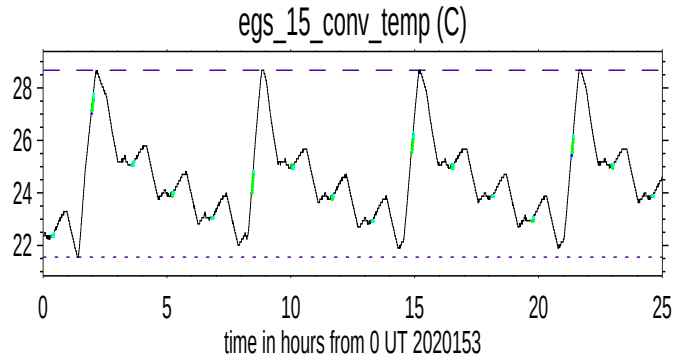
0 5 10 15 20 25
time in hours from 0 UT 2020153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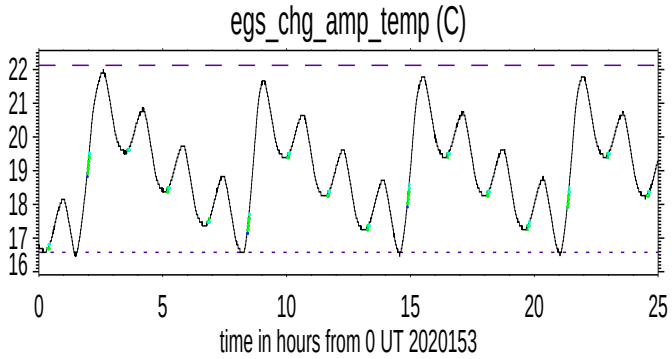
0 5 10 15 20 25
time in hours from 0 UT 2020153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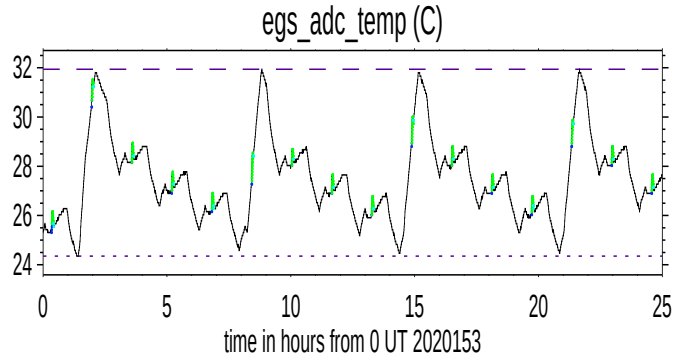
time in hours from 0 UT 2020153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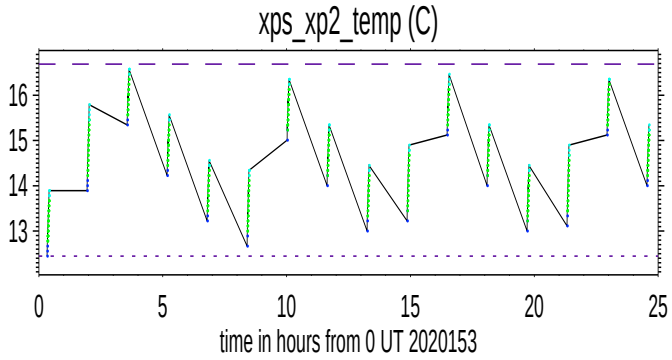
time in hours from 0 UT 2020153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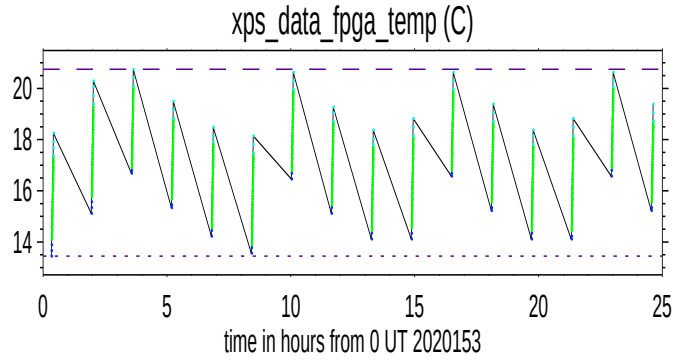
0 5 10 15 20 25
time in hours from 0 UT 2020153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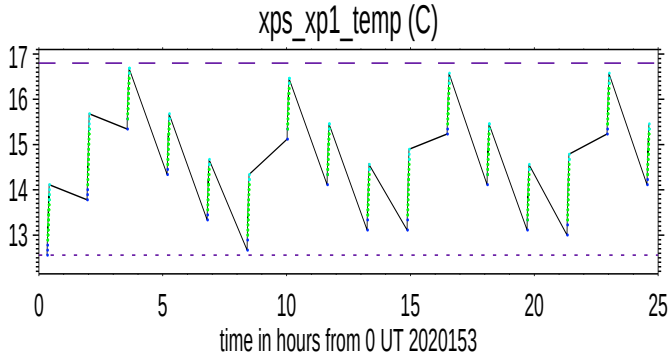
0 5 10 15 20 25
time in hours from 0 UT 2020153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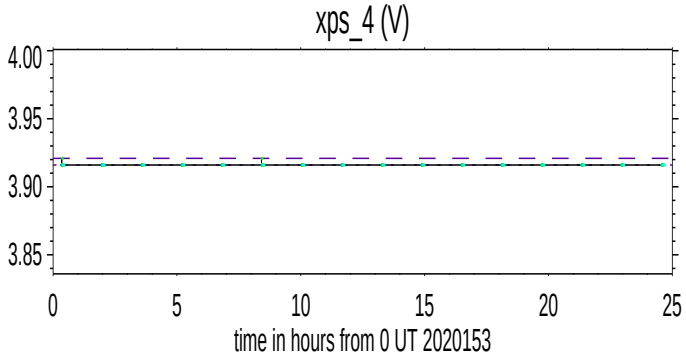
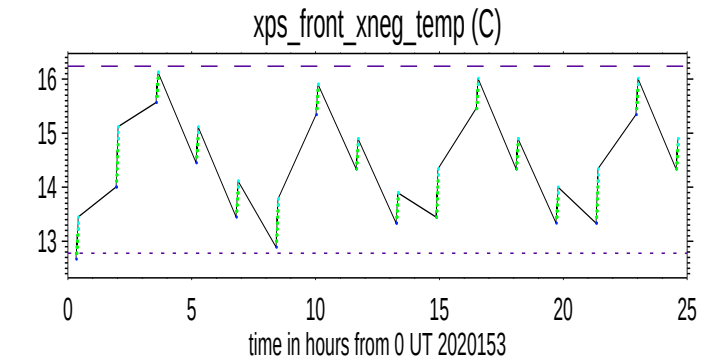
0 5 10 15 20 25
time in hours from 0 UT 2020153


xps_4 (V)
4.00
3.95
3.90
3.85
0 5 10 15 20 25
time in hours from 0 UT 2020153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13
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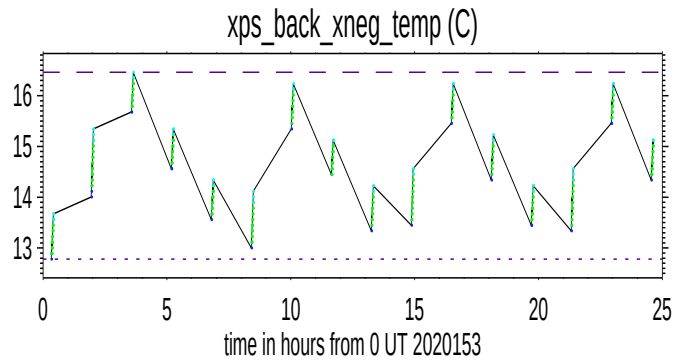
5
10
15
20
25
time in hours from 0 UT 2020153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15
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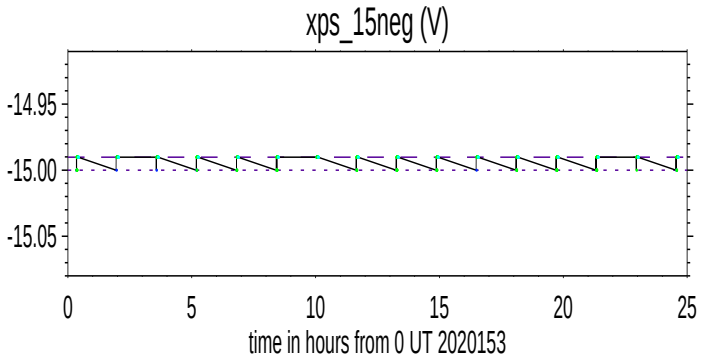
13
0
5
10
15
20
25
time in hours from 0 UT 2020153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-15.05
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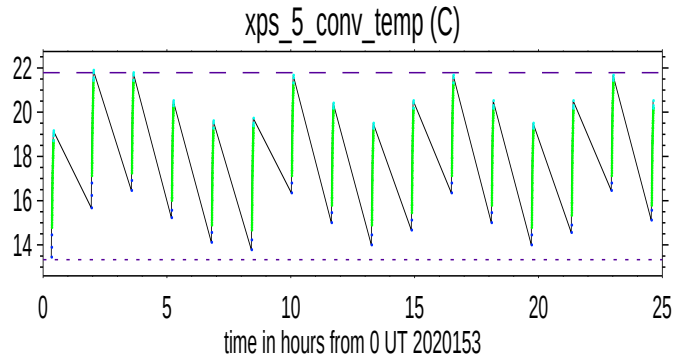
10
15
20
25
time in hours from 0 UT 2020153


xps_5_conv_temp (C)
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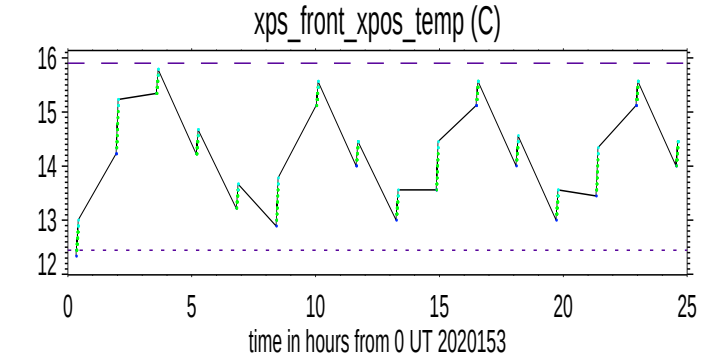
14
0
5
10
15
20
25
time in hours from 0 UT 2020153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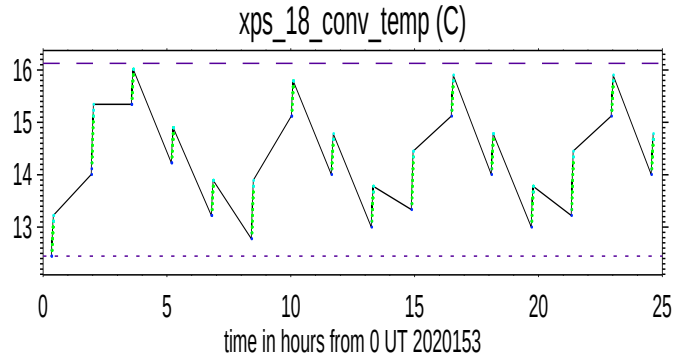
13
12
0
5
10
15
20
25
time in hours from 0 UT 2020153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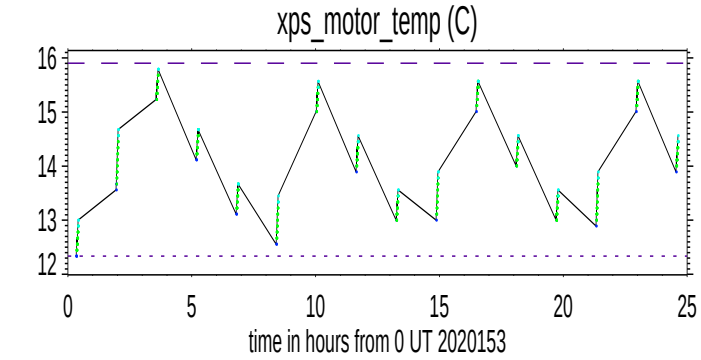
10
15
20
25
time in hours from 0 UT 2020153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12
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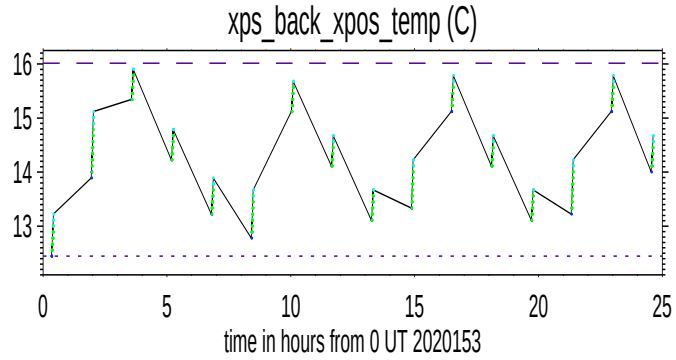
5
10
15
20
25
time in hours from 0 UT 2020153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5
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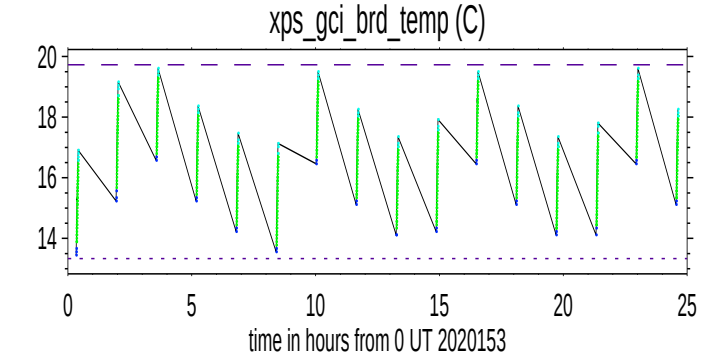
15
20
25
time in hours from 0 UT 2020153


xps_gci_brd_temp (C)
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10
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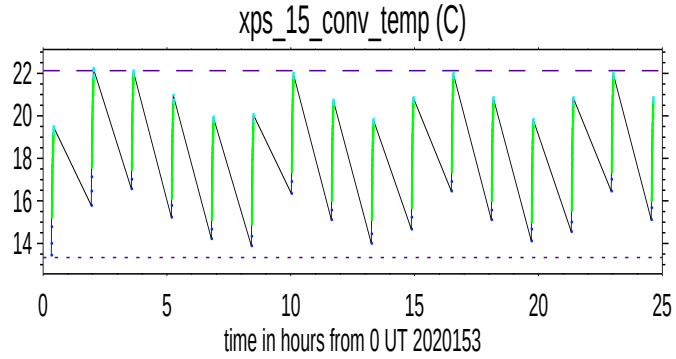
time in hours from 0 UT 2020153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16
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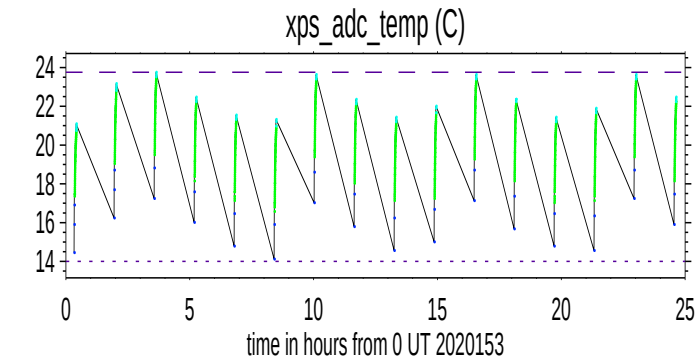
10
15
20
25
time in hours from 0 UT 2020153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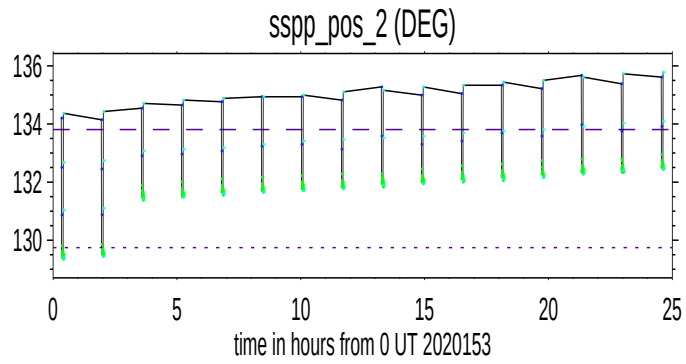
20
25
time in hours from 0 UT 2020153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134
132
130
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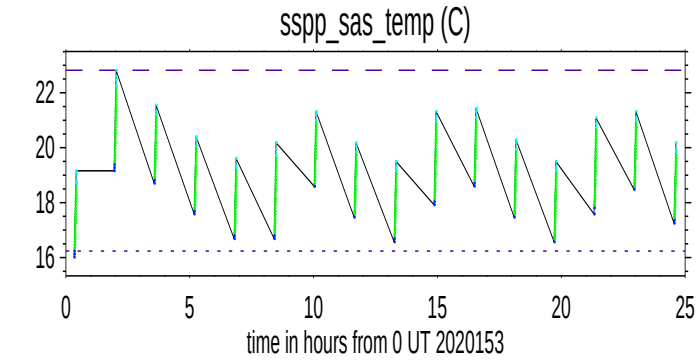
5
10
15
20
25
time in hours from 0 UT 2020153


sspp_sas_temp (C)
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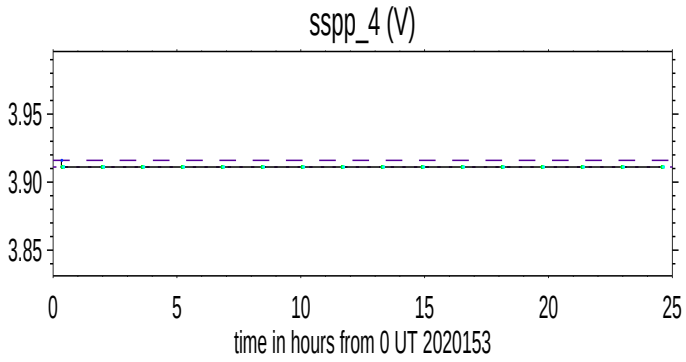
16
0
5
10
15
20
25
time in hours from 0 UT 2020153


sspp_4 (V)
3.95
3.90
3.85
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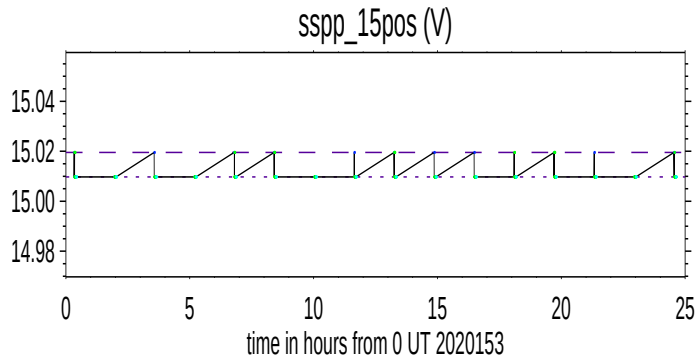
5
10
15
20
25
time in hours from 0 UT 2020153


sspp_15pos (V)
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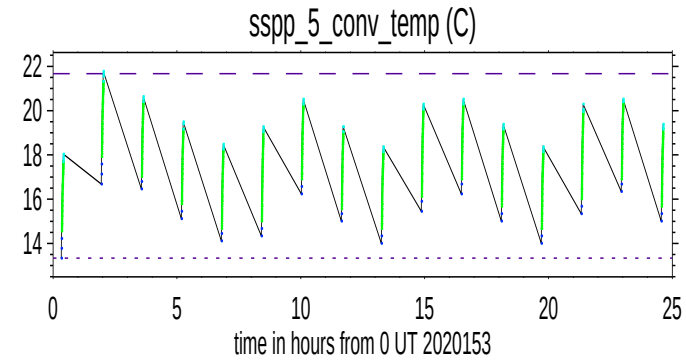
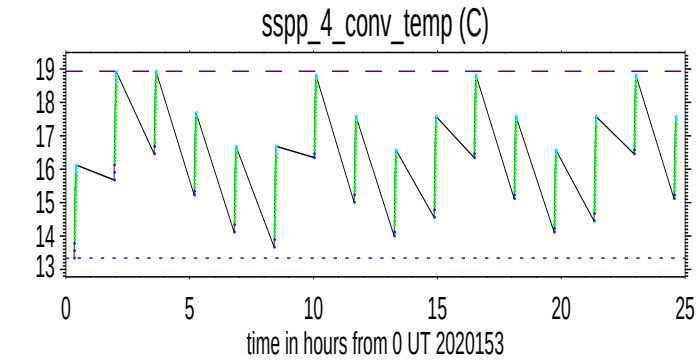
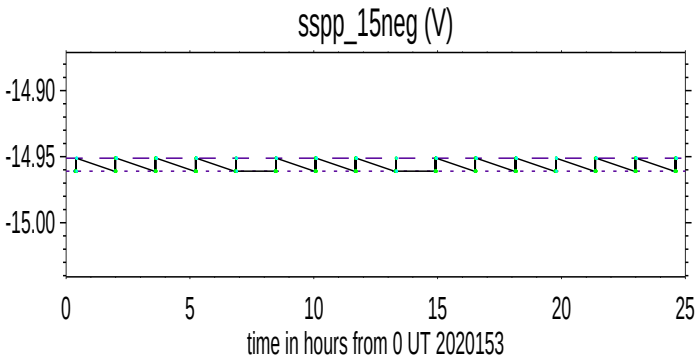
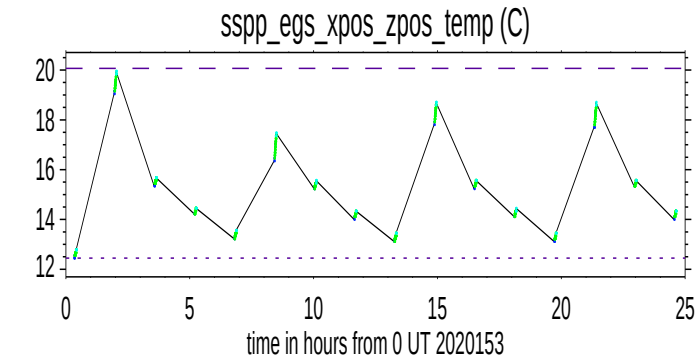
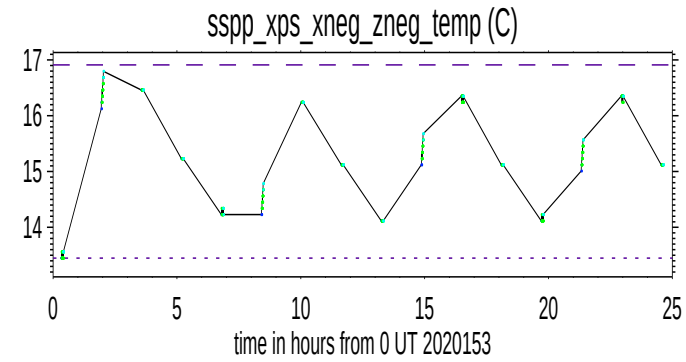
15.02
15.00
14.98
0
5
10
15
20
25
time in hours from 0 UT 2020153

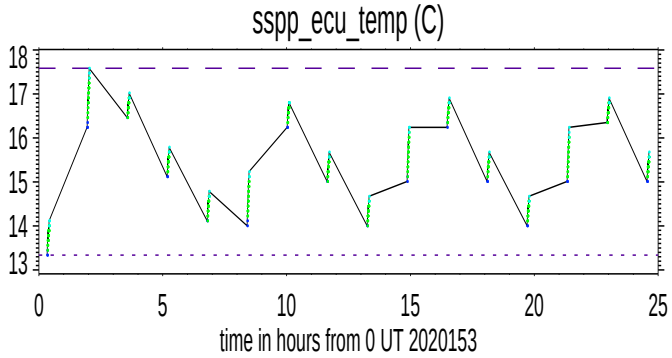

sspp_5_conv_temp (C)
22
20
18
16
14
0
5
10
15
20
25
time in hours from 0 UT 2020153

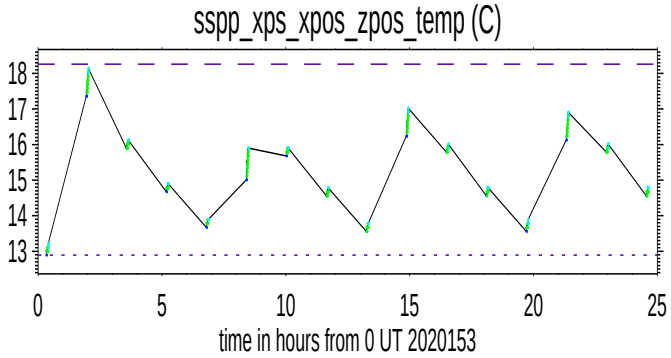

sspp_4_conv_temp (C)
19
18
17
16
15
14
13
0
5
10
15
20
25
time in hours from 0 UT 2020153

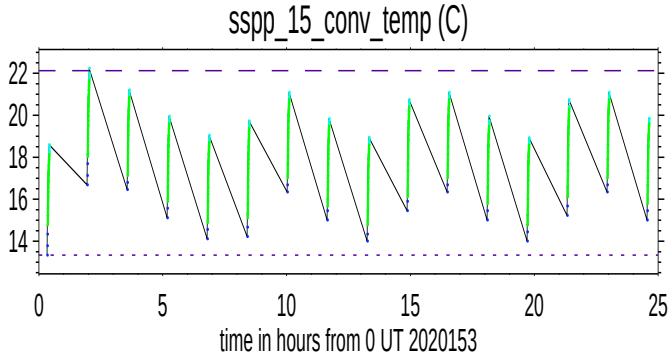

sspp_15neg (V)
-14.90
-14.95
-15.00
0
5
10
15
20
25
time in hours from 0 UT 2020153

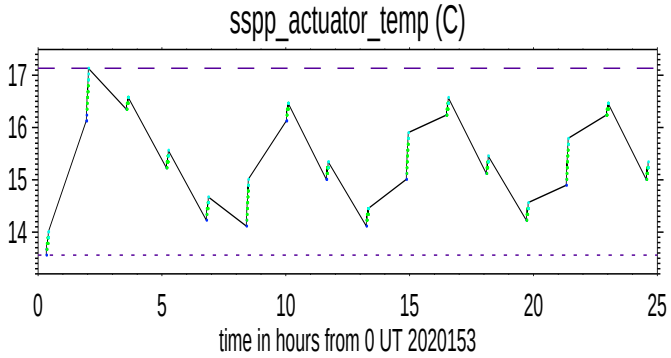

sspp_egs_xpos_zpos_temp (C)
20
18
16
14
12
0
5
10
15
20
25
time in hours from 0 UT 2020153

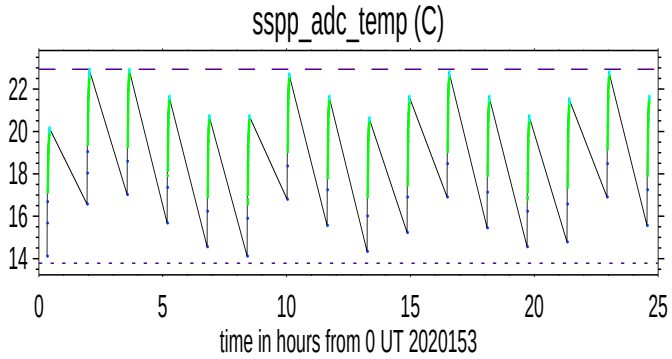

sspp_xps_xneg_zneg_temp (C)
17
16
15
14
0
5
10
15
20
25
time in hours from 0 UT 2020153

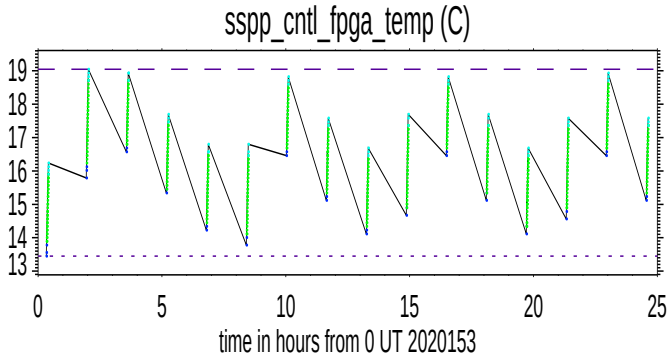

sspp_ecu_temp (C)
18
17
16
15
14
13
0
5
10
15
20
25
time in hours from 0 UT 2020153

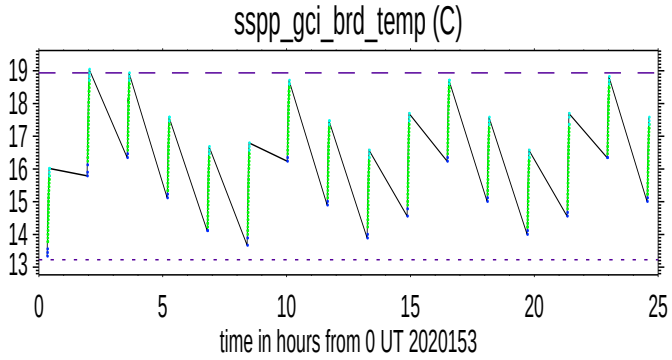

sspp_xps_xpos_zpos_temp (C)
18
17
16
15
14
13
0
5
10
15
20
25
time in hours from 0 UT 2020153

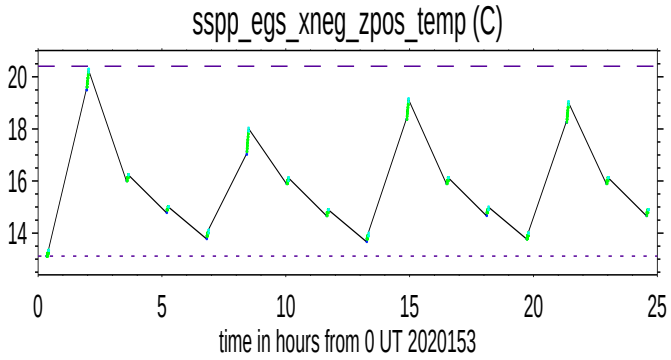

sspp_15_conv_temp (C)
22
20
18
16
14
0
5
10
15
20
25
time in hours from 0 UT 2020153

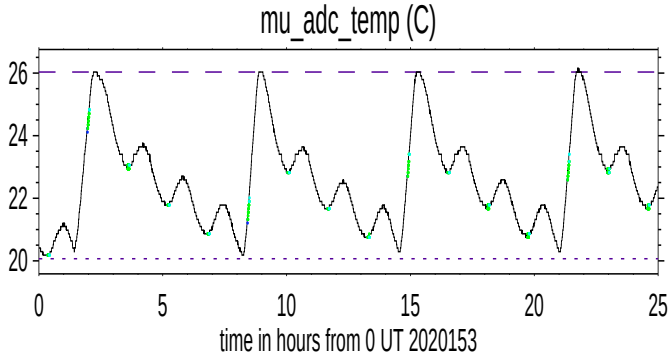

sspp_actuator_temp (C)
17
16
15
14
0
5
10
15
20
25
time in hours from 0 UT 2020153

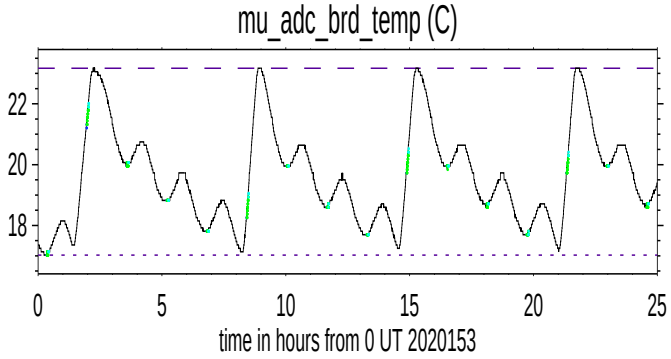

sspp_adc_temp (C)
22
20
18
16
14
0
5
10
15
20
25
time in hours from 0 UT 2020153

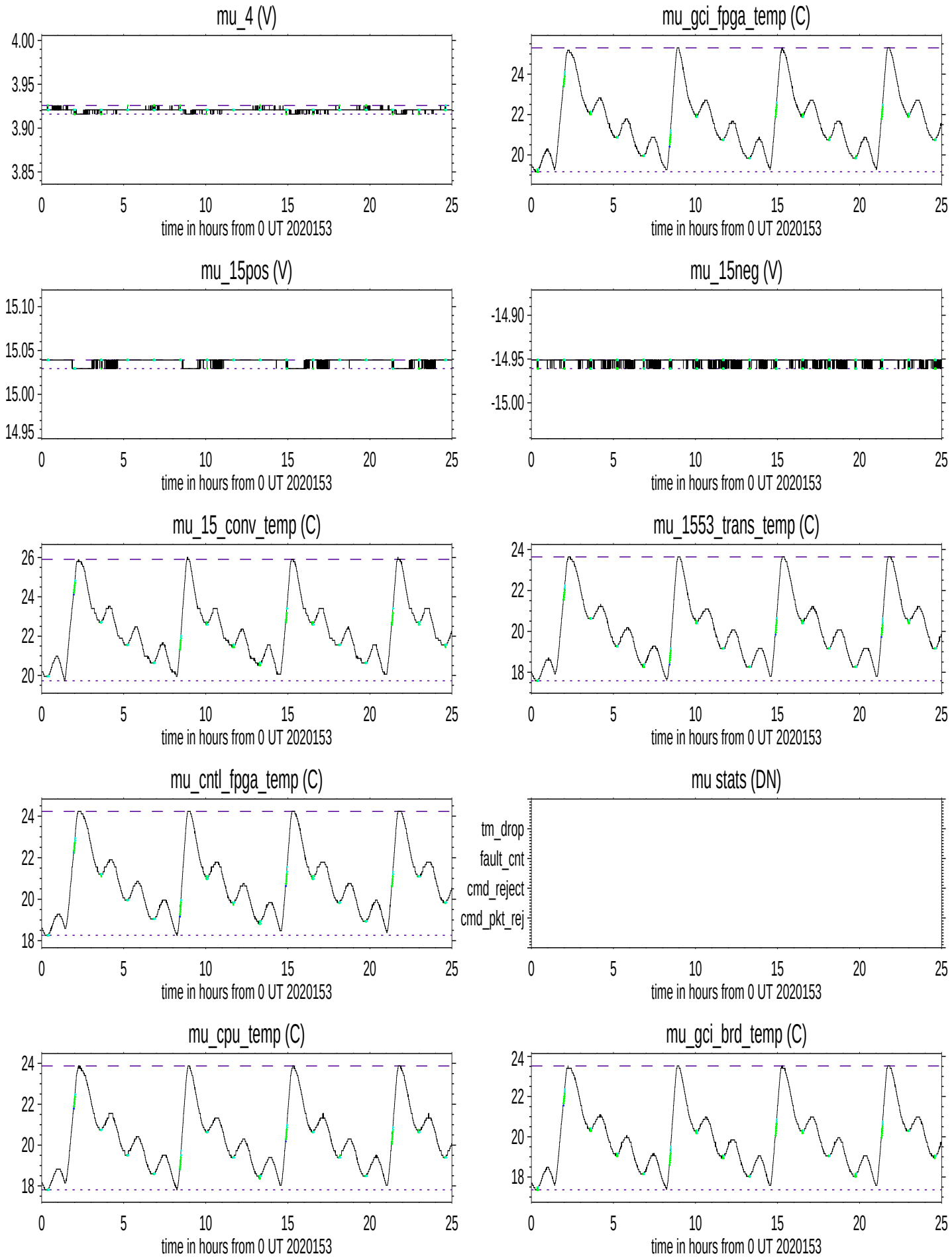

sspp_cntl_fpga_temp (C)
19
18
17
16
15
14
13
0
5
10
15
20
25
time in hours from 0 UT 2020153

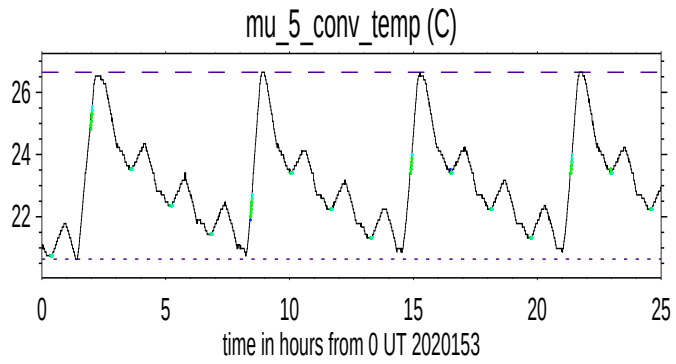

sspp_gci_brd_temp (C)
19
18
17
16
15
14
13
0
5
10
15
20
25
time in hours from 0 UT 2020153

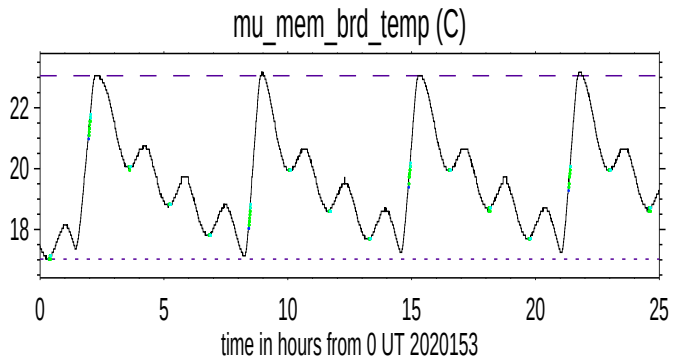

sspp_egs_xneg_zpos_temp (C)
20
18
16
14
0
5
10
15
20
25
time in hours from 0 UT 2020153

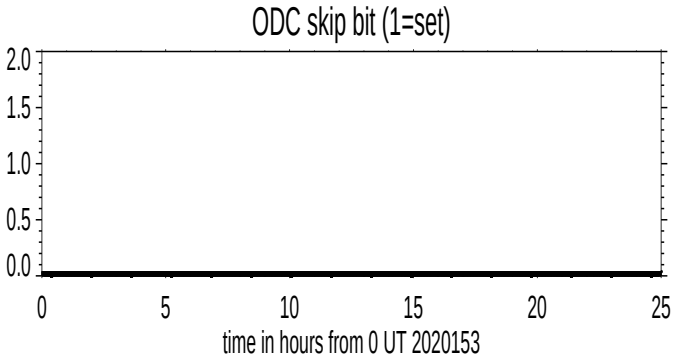

mu_adc_temp (C)
26
24
22
20
0
5
10
15
20
25
time in hours from 0 UT 2020153

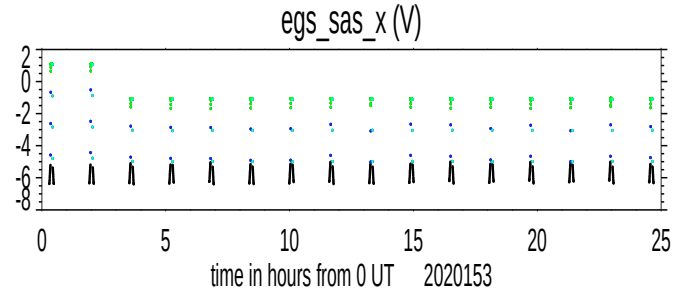

mu_adc_brd_temp (C)
22
20
18
0
5
10
15
20
25
time in hours from 0 UT 2020153

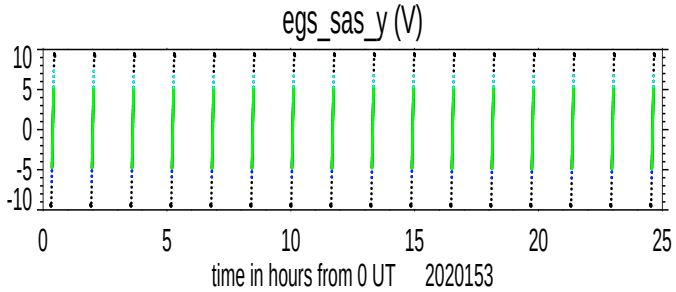

mu_4 (V)
4.00
3.95
3.90
3.85
mu_gci_fpga_temp (C)
24
22
20
mu_15pos (V)
15.10
15.05
15.00
14.95
mu_15neg (V)
-14.90
-14.95
-15.00
mu_15_conv_temp (C)
26
24
22
20
mu_1553_trans_temp (C)
24
22
20
18
mu_cntl_fpga_temp (C)
24
22
20
18
mu stats (DN)
tm_drop
fault_cnt
cmd_reject
cmd_pkt_rej
mu_cpu_temp (C)
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 2020153

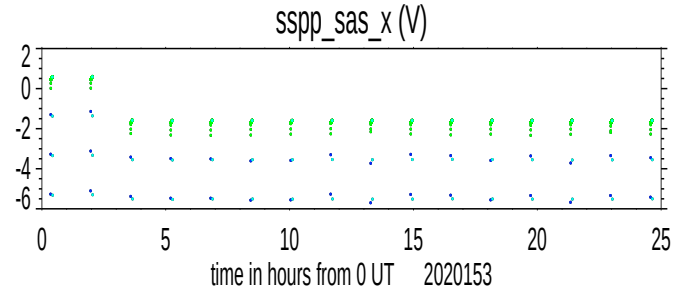

mu_5_conv_temp (C)
26
24
22
0
5
10
15
20
25
time in hours from 0 UT 2020153

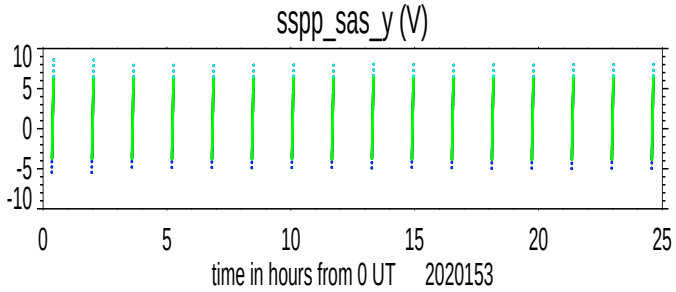

mu_mem_brd_temp (C)
22
20
18
0
5
10
15
20
25
time in hours from 0 UT 2020153

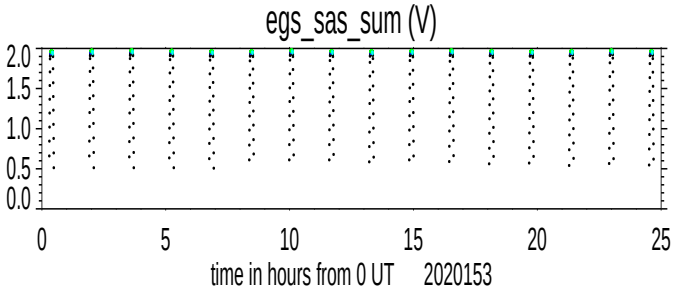

ODC skip bit (1=set)
2.0
1.5
1.0
0.5
0.0
0
5
10
15
20
25
time in hours from 0 UT 2020153

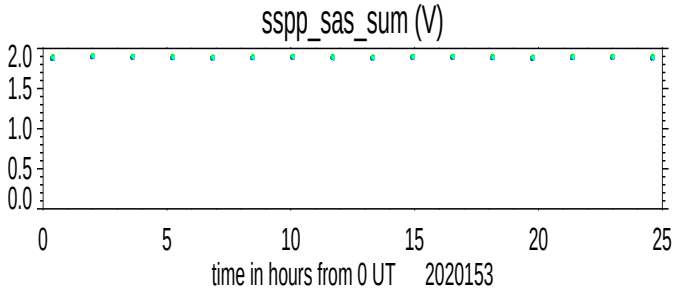

egs_sas_x (V)
time in hours from 0 UT 2020153

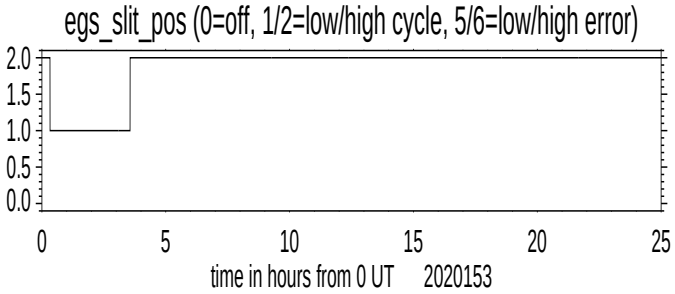

egs_sas_y (V)
time in hours from 0 UT 2020153

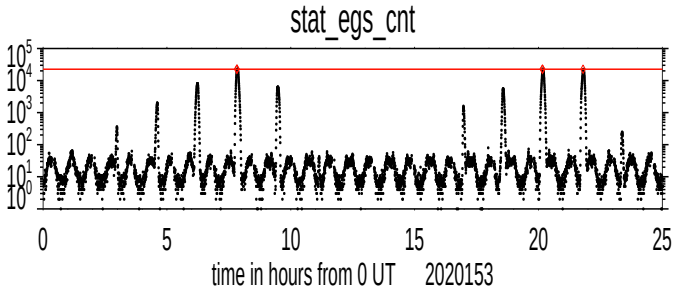

sspp_sas_x (V)
time in hours from 0 UT 2020153

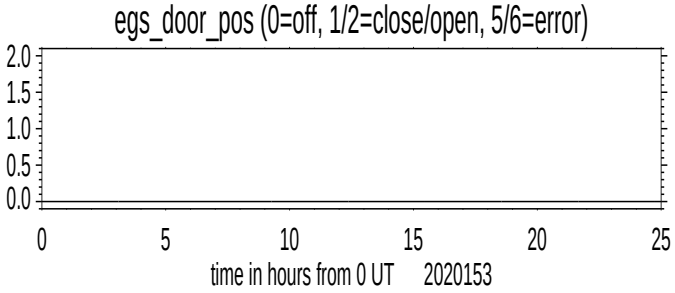

sspp_sas_y (V)
time in hours from 0 UT 2020153

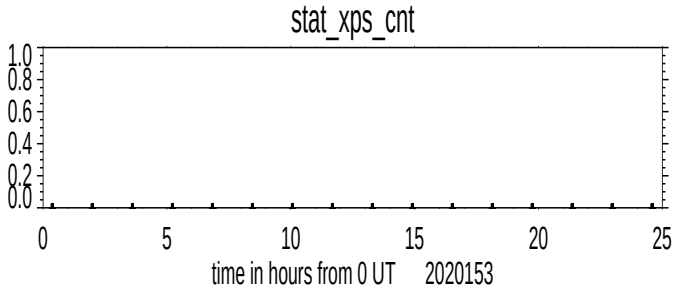

egs_sas_sum (V)
time in hours from 0 UT 2020153

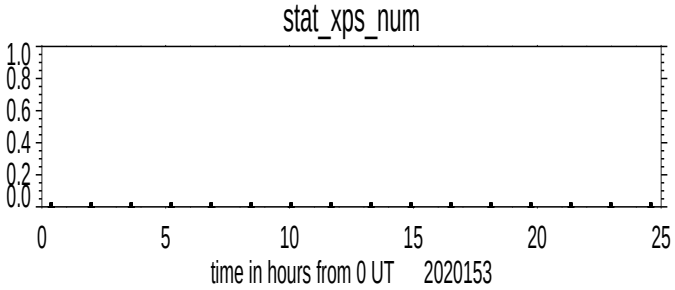

sspp_sas_sum (V)
time in hours from 0 UT 2020153

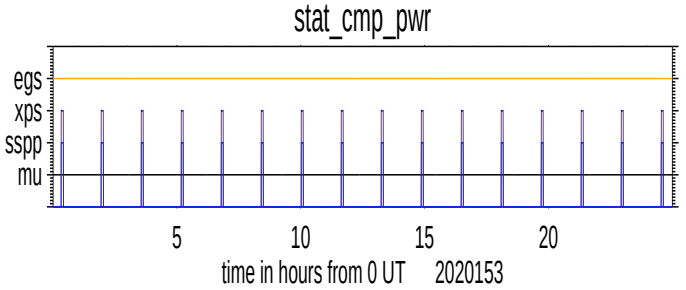

egs_slit_pos (0=off, 1/2=low/high cycle, 5/6=low/high error)
time in hours from 0 UT 2020153


stat_egs_cnt
time in hours from 0 UT 2020153

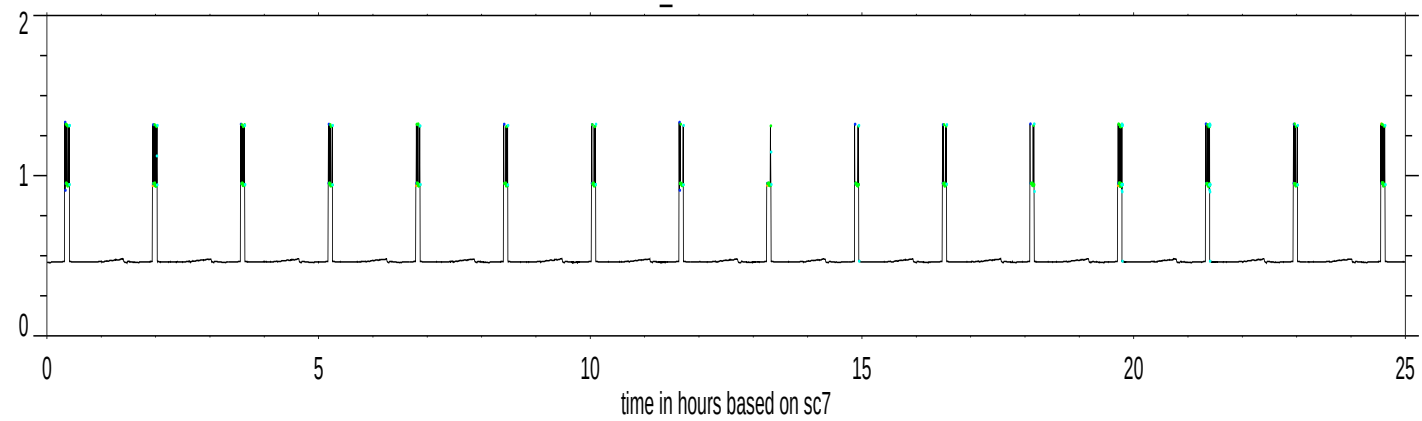

egs_door_pos (0=off, 1/2=close/open, 5/6=error)
time in hours from 0 UT 2020153


stat_xps_cnt
time in hours from 0 UT 2020153

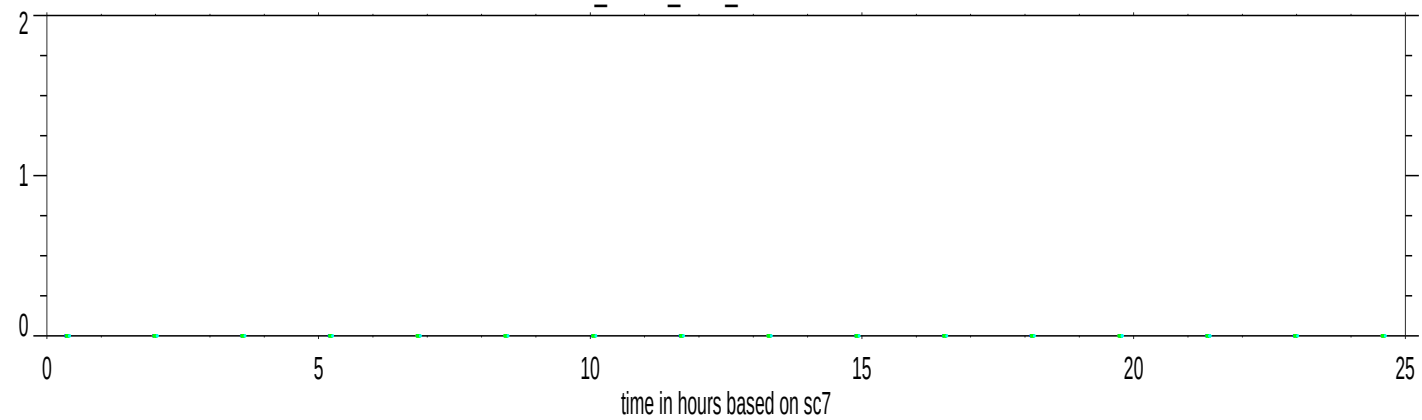

stat_xps_num
time in hours from 0 UT 2020153


stat_cmp_pwr
egs
xps
sspp
mu
time in hours from 0 UT 2020153

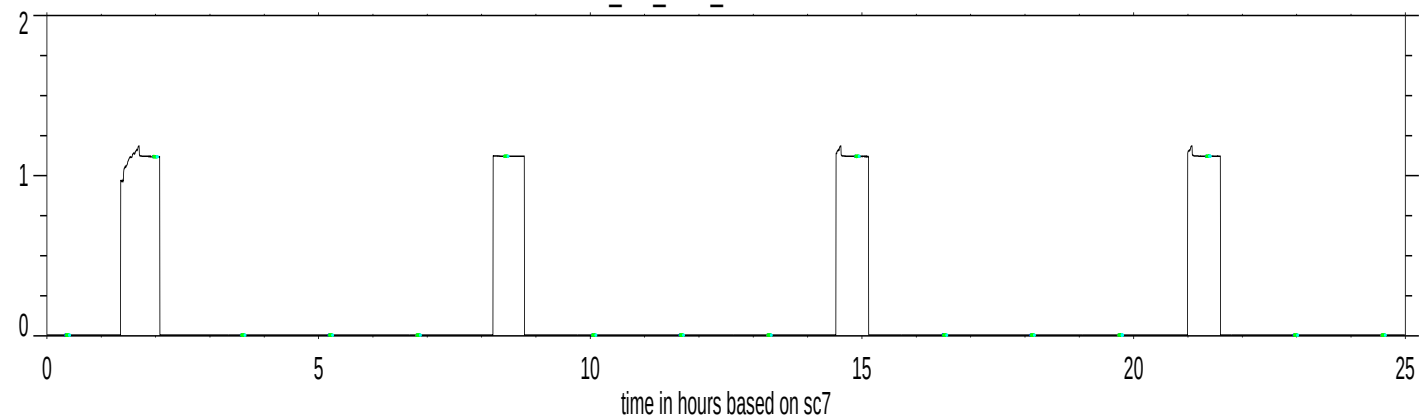
SEE_CUR 2020153



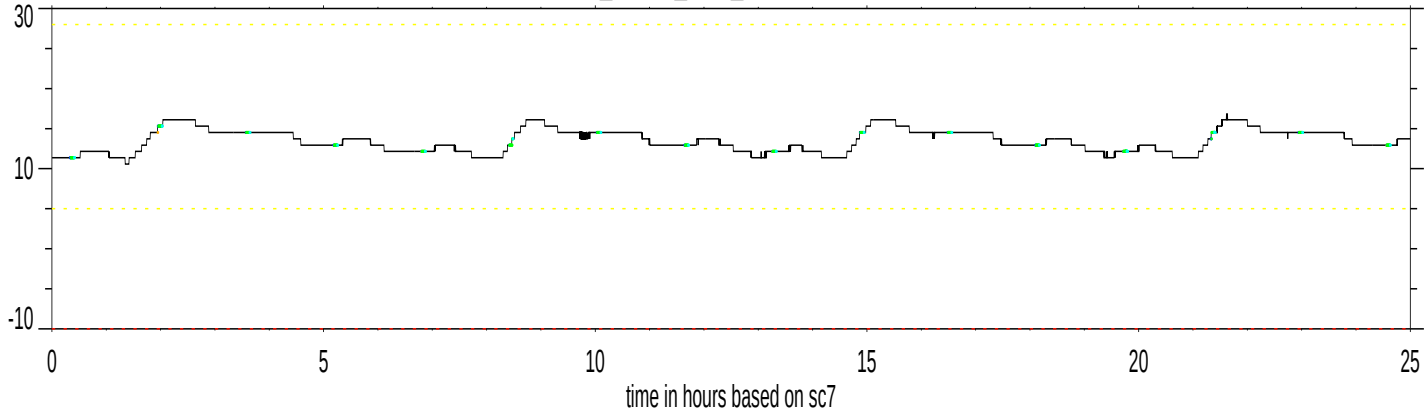
SEE_SURV_HTR_CUR 2020153



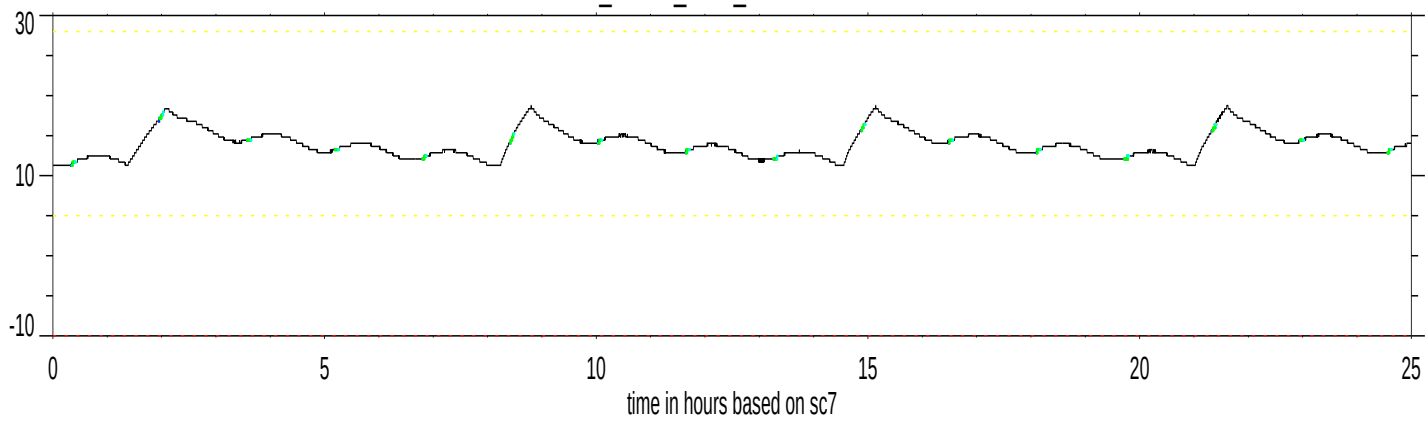
SEE_OP_HTR_CUR 2020153



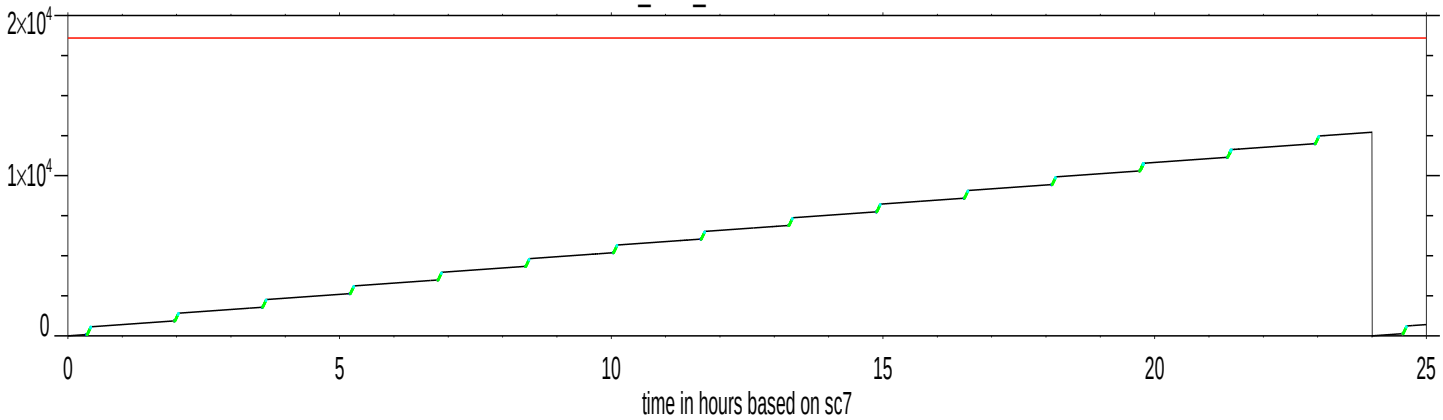
SSPP_BHND_XPS_TEMP 2020153



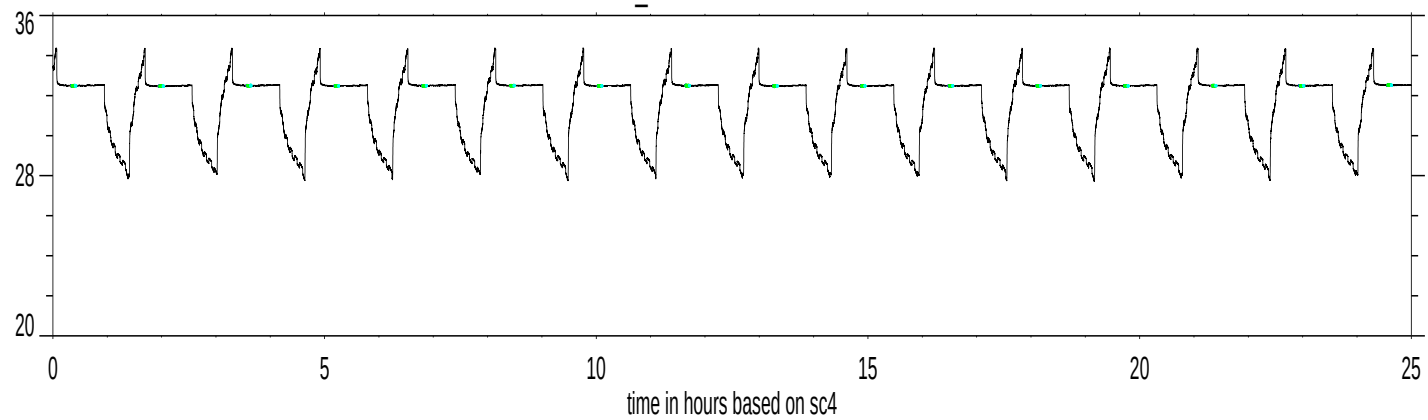
SSPP_BHND_MTR_TEMP 2020153



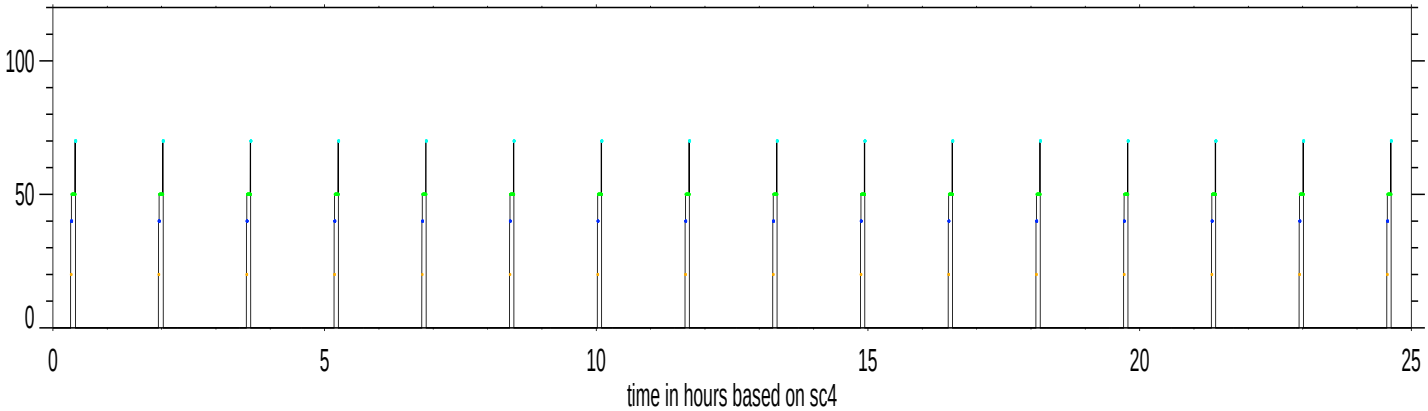
SEE_PKT_COUNT 2020153

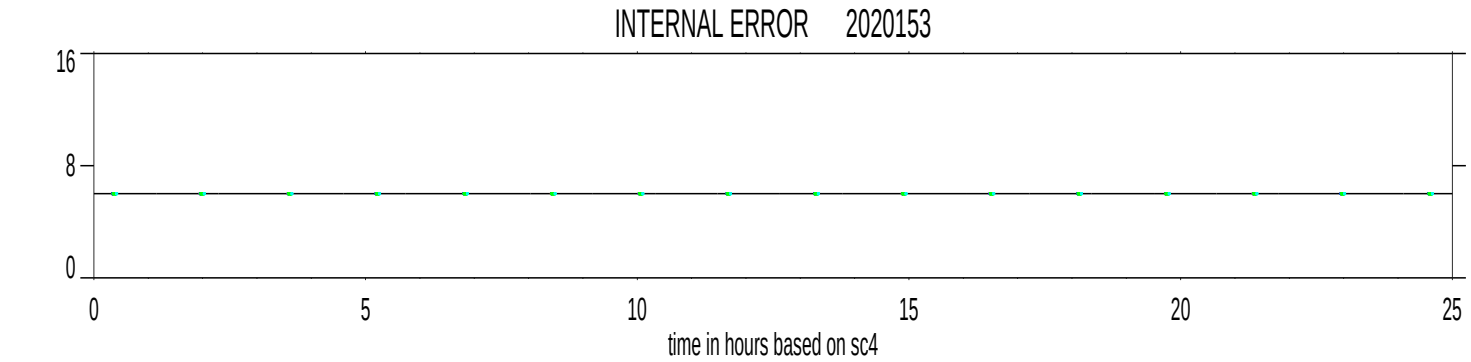


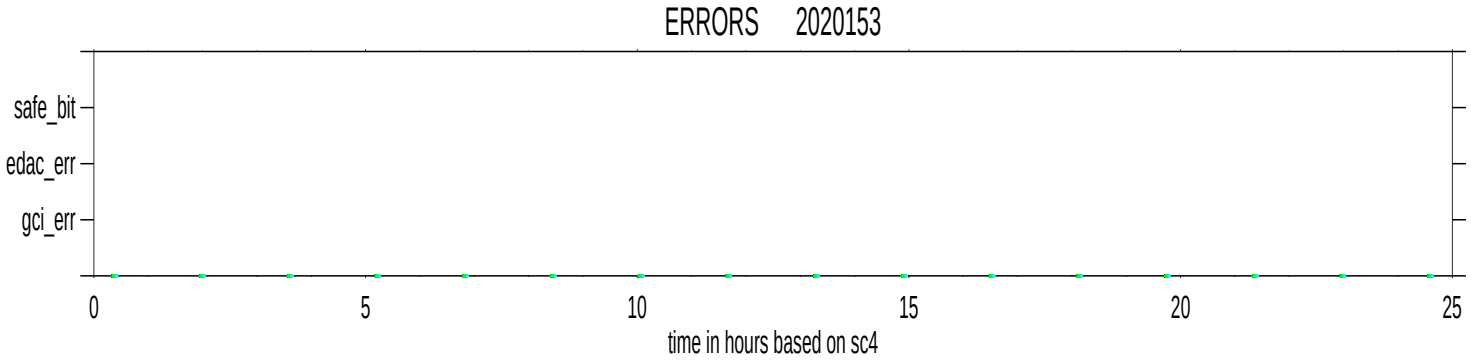
BUS_VOLTAGE 2020153

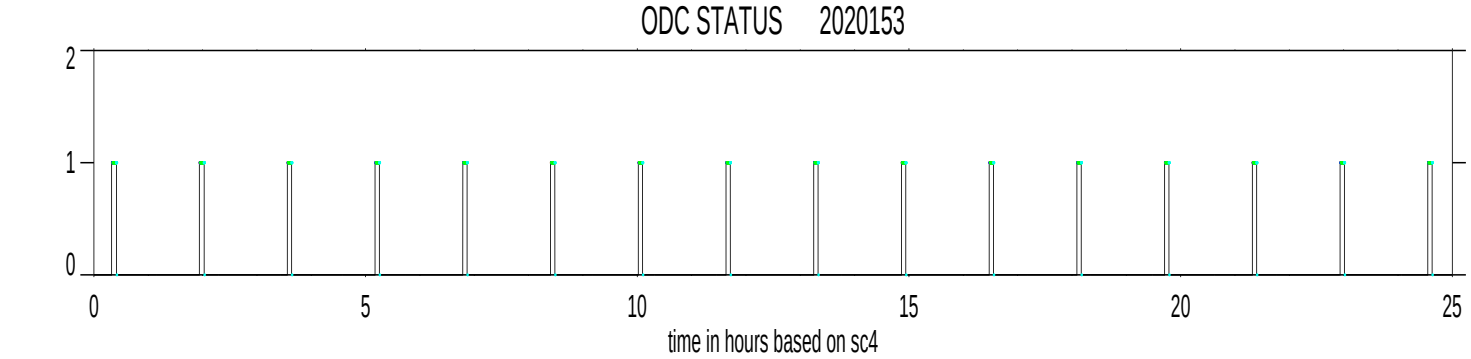


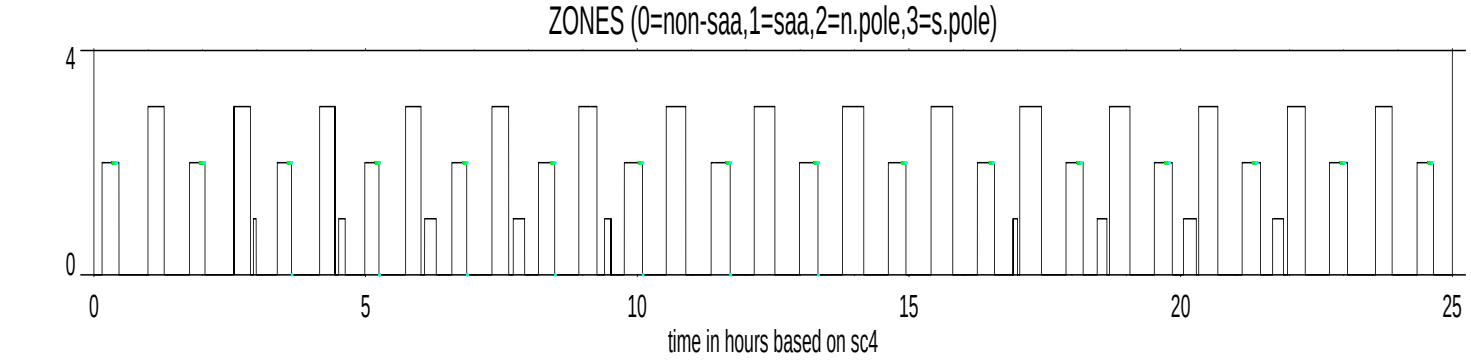
SEE_MU Operational Mode 2020153

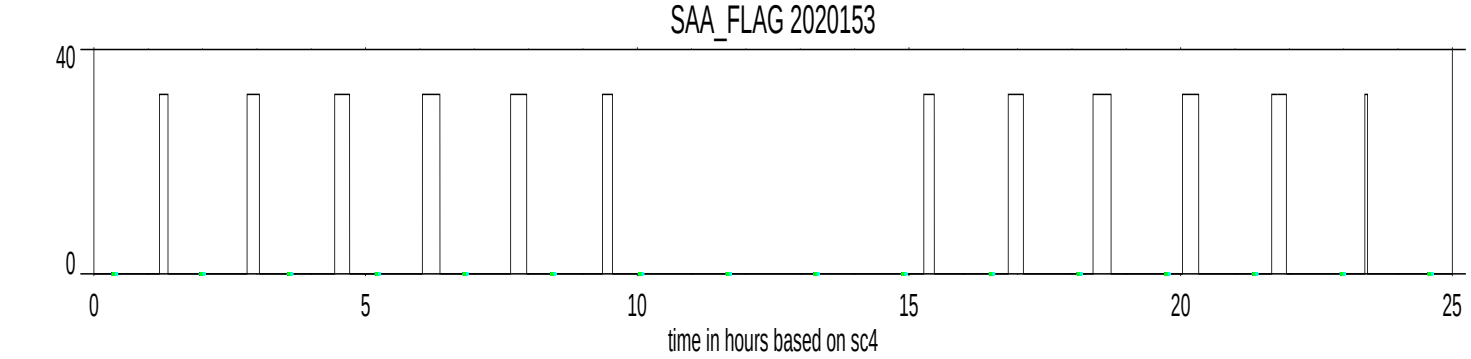


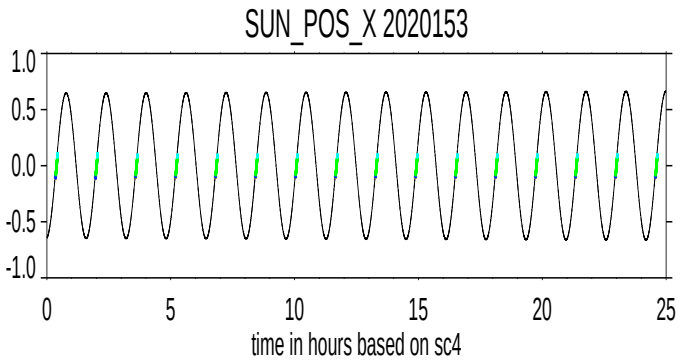

INTERNAL ERROR 2020153
16
8
0
0
5
10
15
20
25
time in hours based on sc4

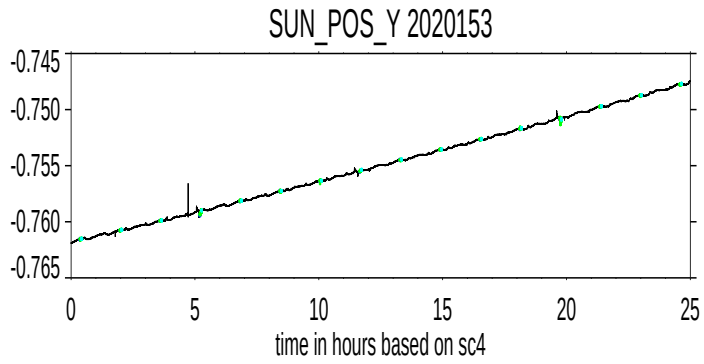

ERRORS 2020153
safe_bit
edac_err
gci_err
0
5
10
15
20
25
time in hours based on sc4

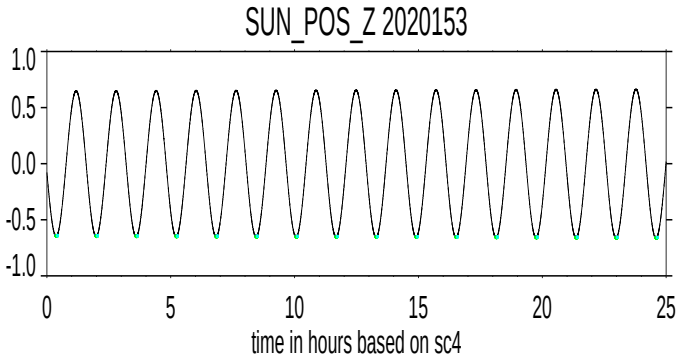

ODC STATUS 2020153
2
1
0
0
5
10
15
20
25
time in hours based on sc4

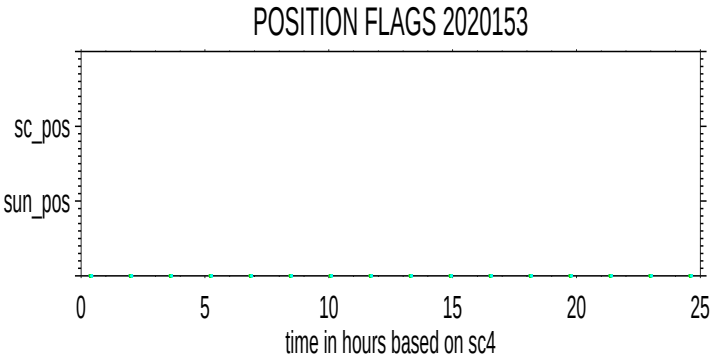

ZONES (0=non-saa,1=saa,2=n.pole,3=s.pole)
4
0
0
5
10
15
20
25
time in hours based on sc4

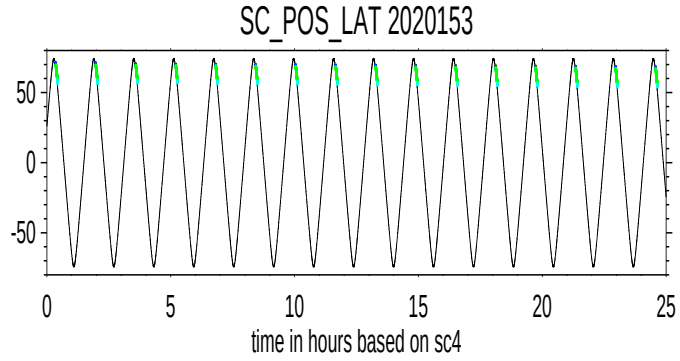

SAA_FLAG 2020153
40
0
0
5
10
15
20
25
time in hours based on sc4

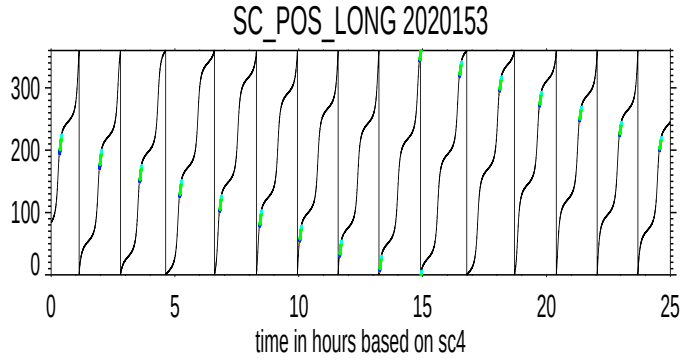

SUN_POS_X 2020153
1.0
0.5
0.0
-0.5
-1.0
0
5
10
15
20
25
time in hours based on sc4

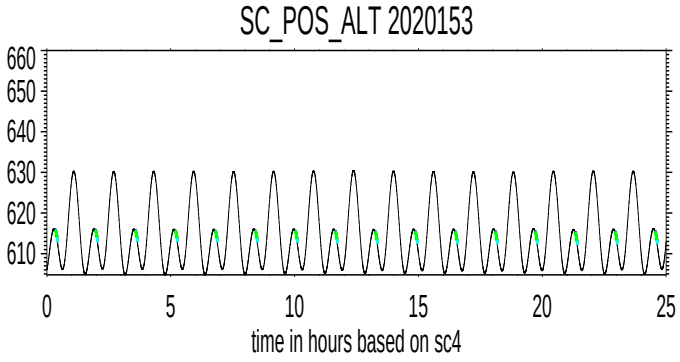

SUN_POS_Y 2020153
-0.745
-0.750
-0.755
-0.760
-0.765
0
5
10
15
20
25
time in hours based on sc4

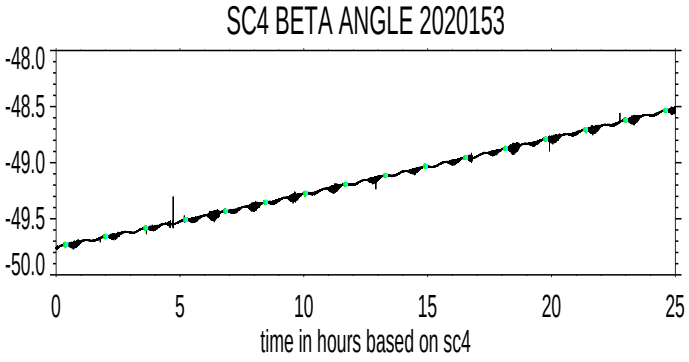

SUN_POS_Z 2020153
1.0
0.5
0.0
-0.5
-1.0
0
5
10
15
20
25
time in hours based on sc4


POSITION FLAGS 2020153
sc_pos
sun_pos
0
5
10
15
20
25
time in hours based on sc4


SC_POS_LAT 2020153
50
0
-50
0
5
10
15
20
25
time in hours based on sc4


SC_POS_LONG 2020153
300
200
100
0
0
5
10
15
20
25
time in hours based on sc4


SC_POS_ALT 2020153
660
650
640
630
620
610
0
5
10
15
20
25
time in hours based on sc4


SC4 BETA ANGLE 2020153
-48.0
-48.5
-49.0
-49.5
-50.0
0
5
10
15
20
25
time in hours based on sc4