```
Information for      2018355
15:55:41.001: see_stat[1]: 5 internal error
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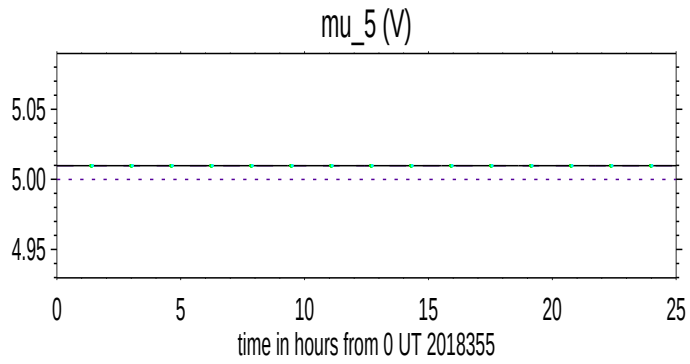
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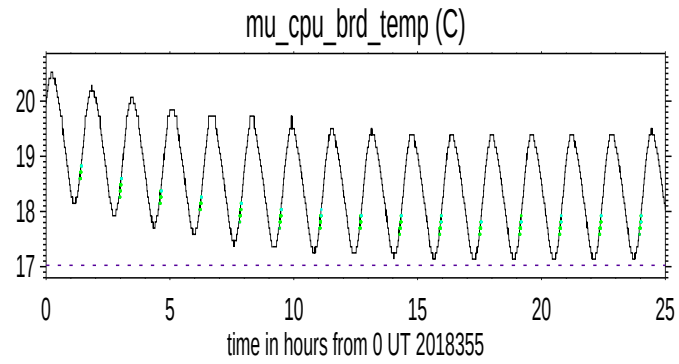
5.05
5.00
4.95
0
5
10
15
20
25
time in hours from 0 UT 2018355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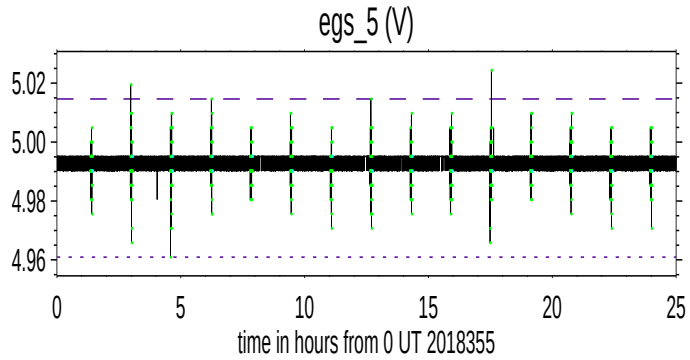
15
20
25
time in hours from 0 UT 2018355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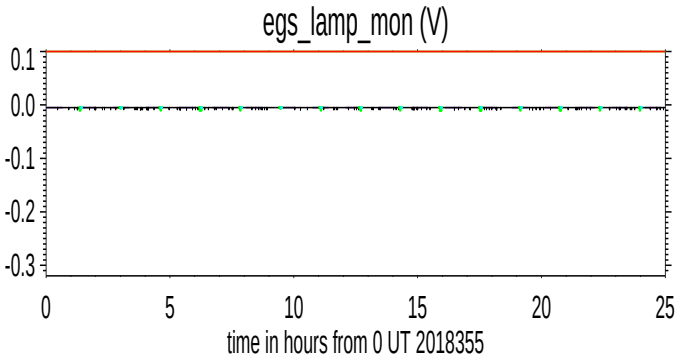
5.02
5.00
4.98
4.96
0
5
10
15
20
25
time in hours from 0 UT 2018355


egs_lamp_mon (V)
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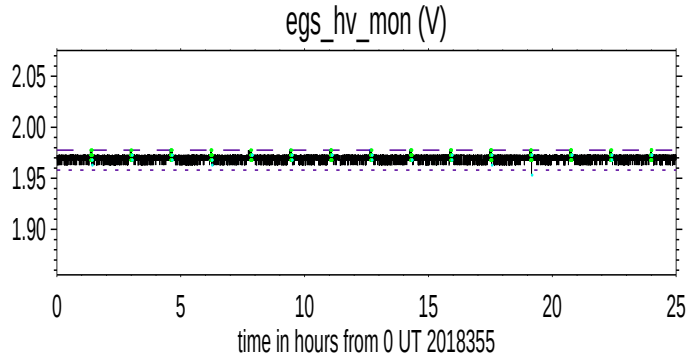
0.0
-0.1
-0.2
-0.3
0
5
10
15
20
25
time in hours from 0 UT 2018355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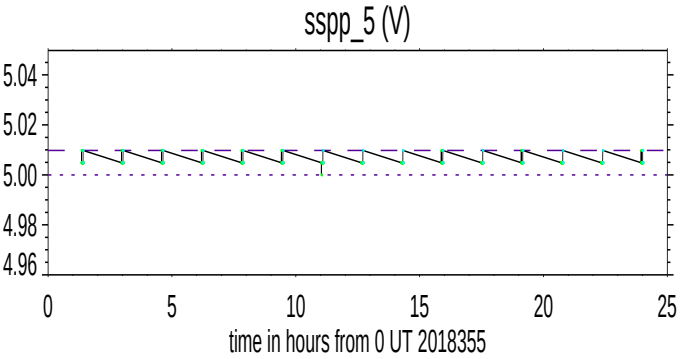
2.00
1.95
1.90
0
5
10
15
20
25
time in hours from 0 UT 2018355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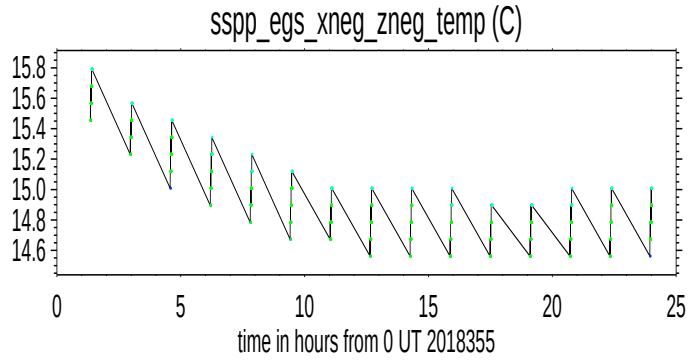
5.04
5.02
5.00
4.98
4.96
0
5
10
15
20
25
time in hours from 0 UT 2018355


sspp_egs_xneg_zneg_temp (C)
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15.4
15.2
15.0
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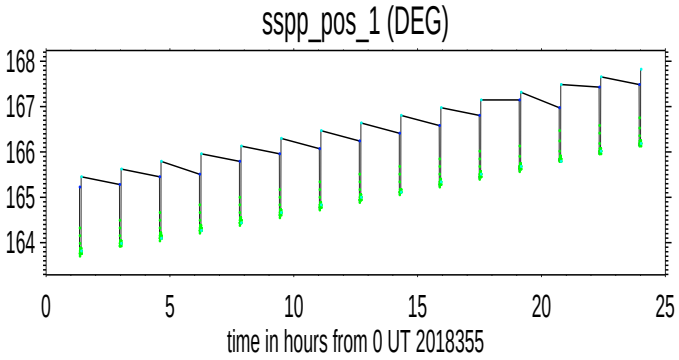
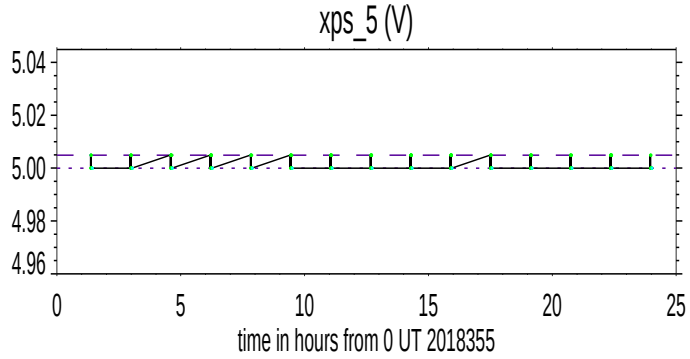
25
time in hours from 0 UT 2018355


sspp_pos_1 (DEG)
168
167
166
165
164
0
5
10
15
20
25
time in hours from 0 UT 2018355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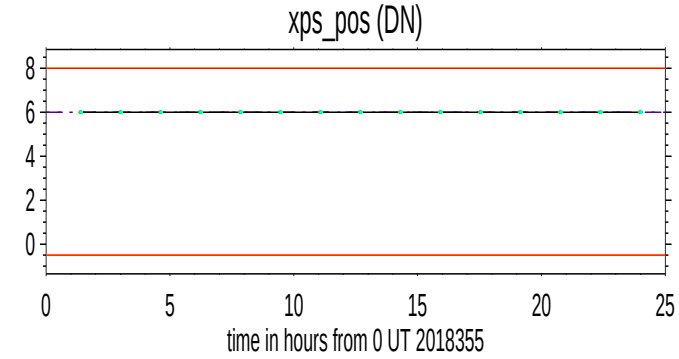
5.02
5.00
4.98
4.96
0
5
10
15
20
25
time in hours from 0 UT 2018355


xps_pos (DN)
8
6
4
2
0
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5
10
15
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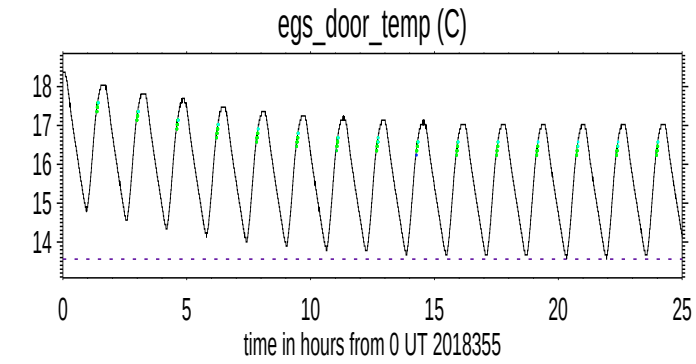
25
time in hours from 0 UT 2018355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5
10
15
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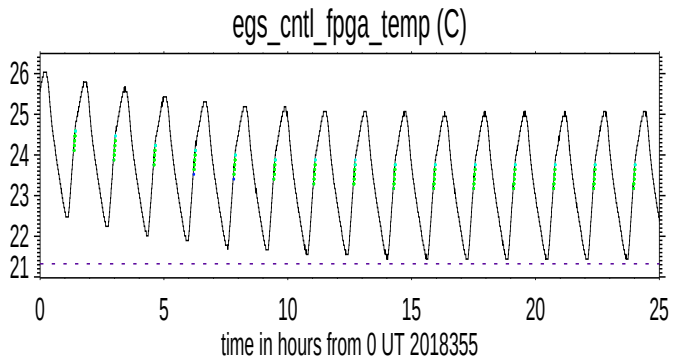
25
time in hours from 0 UT 2018355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25
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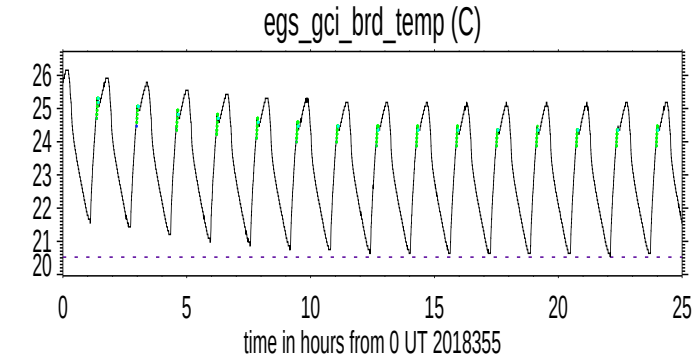
15
20
25
time in hours from 0 UT 2018355


egs_gci_brd_temp (C)
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25
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22
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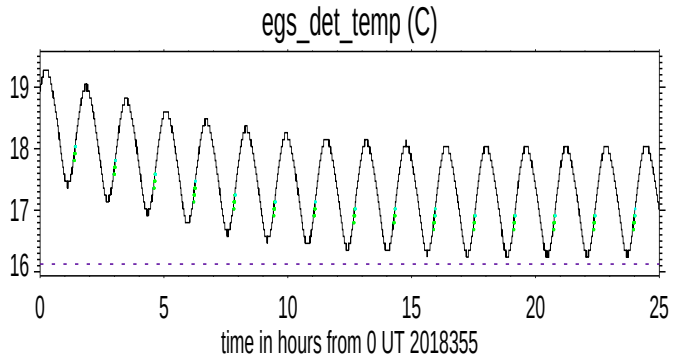
0
5
10
15
20
25
time in hours from 0 UT 2018355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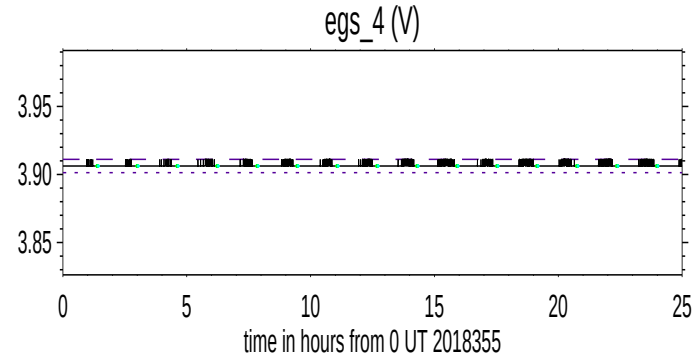
time in hours from 0 UT 2018355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3.95
3.90
3.85
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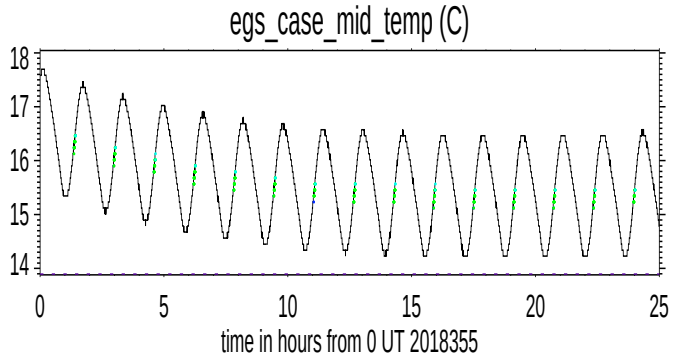
15
20
25
time in hours from 0 UT 2018355


egs_case_mid_temp (C)
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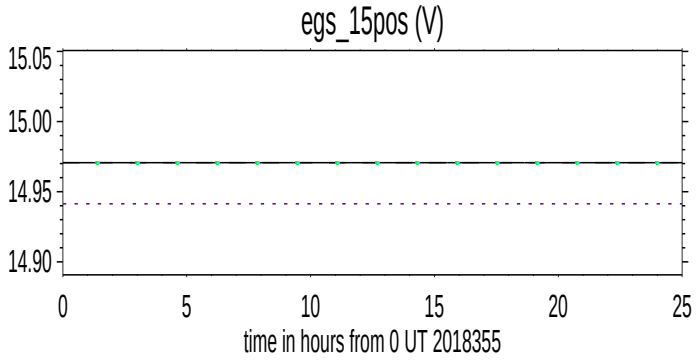
10
15
20
25
time in hours from 0 UT 2018355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15.00
14.95
14.90
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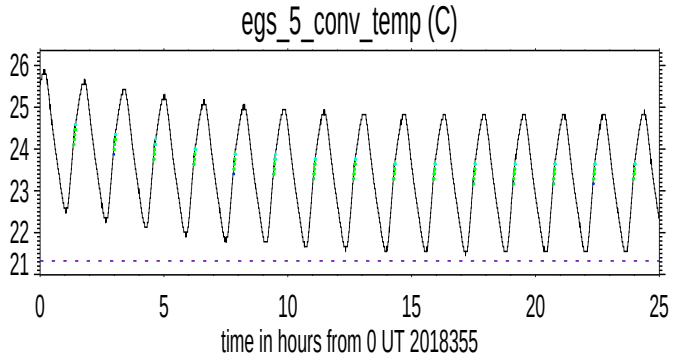
5
10
15
20
25
time in hours from 0 UT 2018355


egs_5_conv_temp (C)
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25
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23
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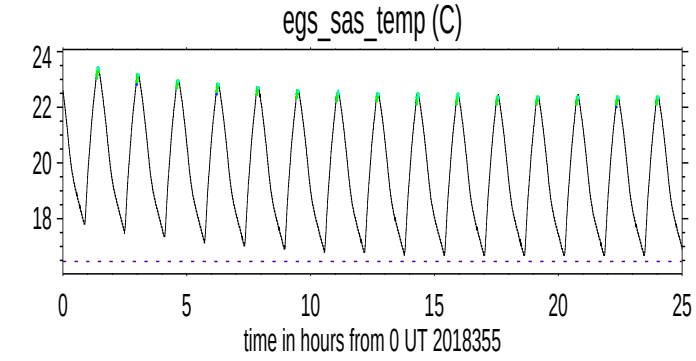
21
0
5
10
15
20
25
time in hours from 0 UT 2018355


egs_sas_temp (C)
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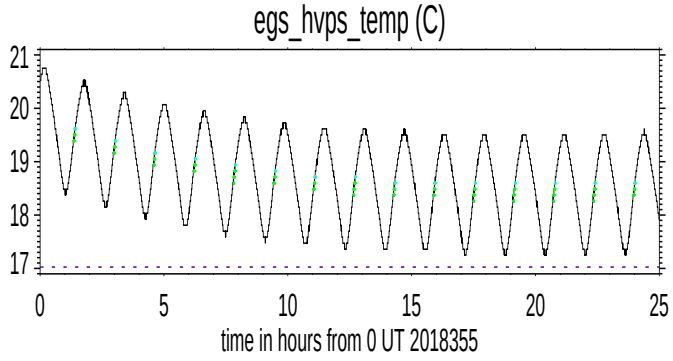
22
20
18
0
5
10
15
20
25
time in hours from 0 UT 2018355


egs_hvps_temp (C)
21
20
19
18
17
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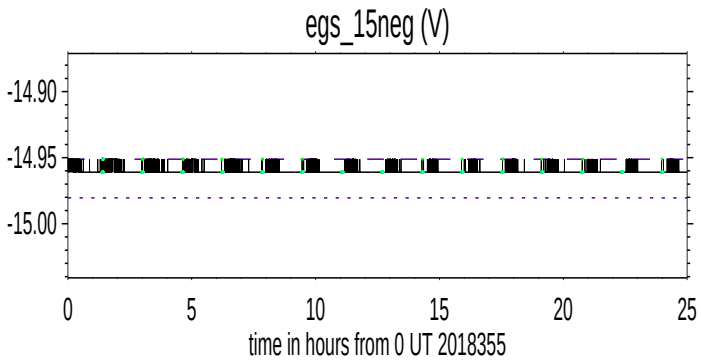
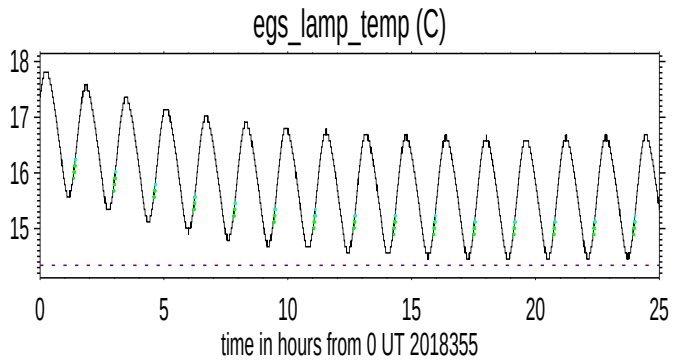
5
10
15
20
25
time in hours from 0 UT 2018355


egs_15neg (V)
-14.90
-14.95
-15.00
0 5 10 15 20 25
time in hours from 0 UT 2018355


egs_lamp_temp (C)
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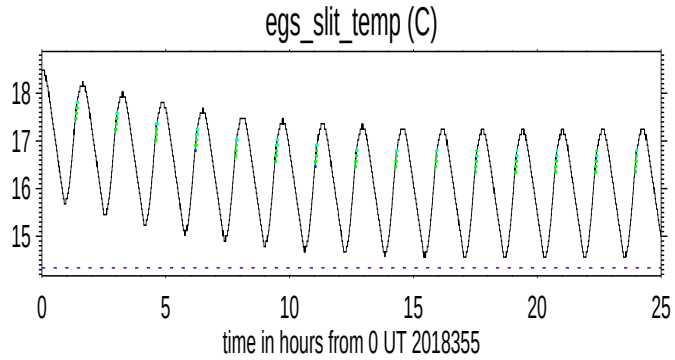
17
16
15
0 5 10 15 20 25
time in hours from 0 UT 2018355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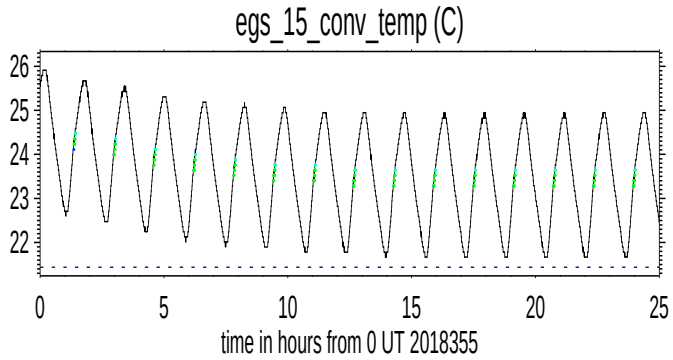
16
15
0 5 10 15 20 25
time in hours from 0 UT 2018355


egs_15_conv_temp (C)
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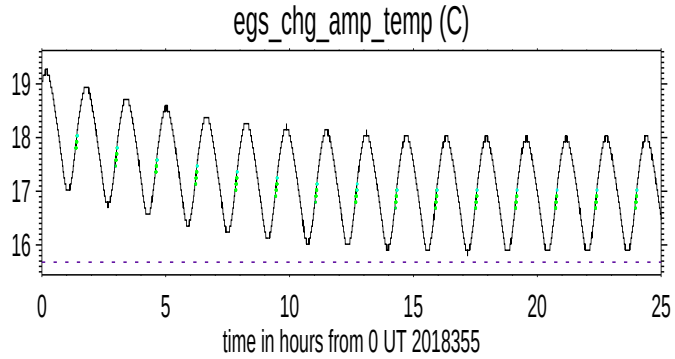
25
24
23
22
0 5 10 15 20 25
time in hours from 0 UT 2018355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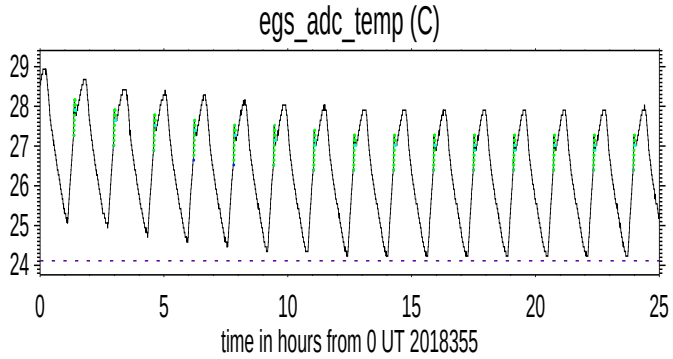
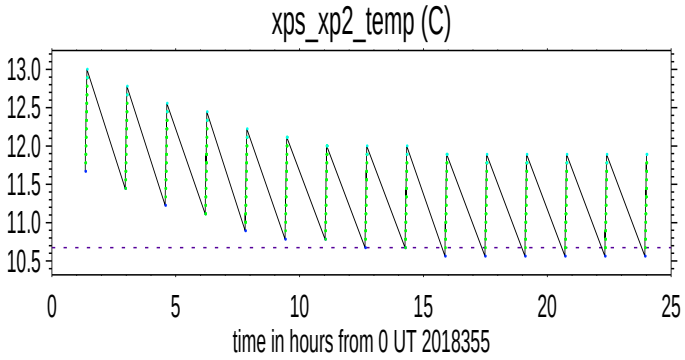
17
16
0 5 10 15 20 25
time in hours from 0 UT 2018355


egs_adc_temp (C)
29
28
27
26
25
24
0 5 10 15 20 25
time in hours from 0 UT 2018355


xps_xp2_temp (C)
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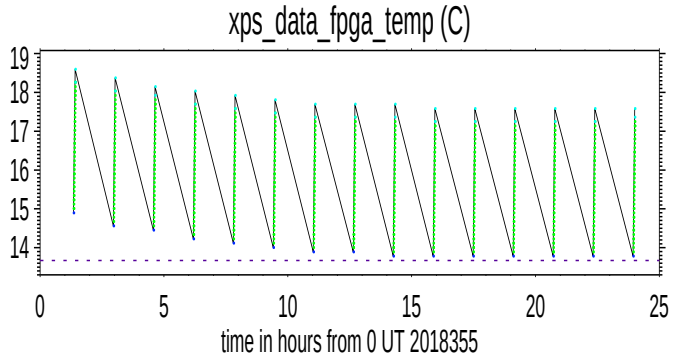
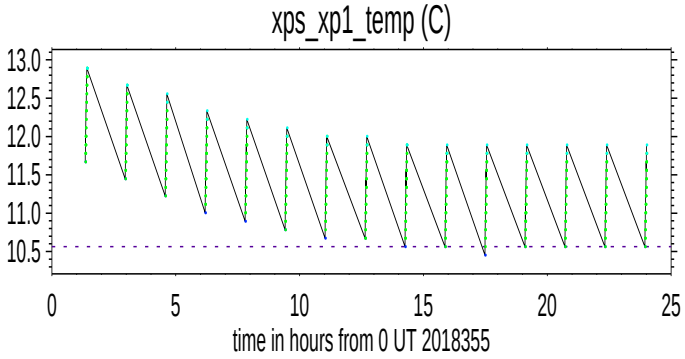
12.5
12.0
11.5
11.0
10.5
0 5 10 15 20 25
time in hours from 0 UT 2018355


xps_data_fpga_temp (C)
19
18
17
16
15
14
0 5 10 15 20 25
time in hours from 0 UT 2018355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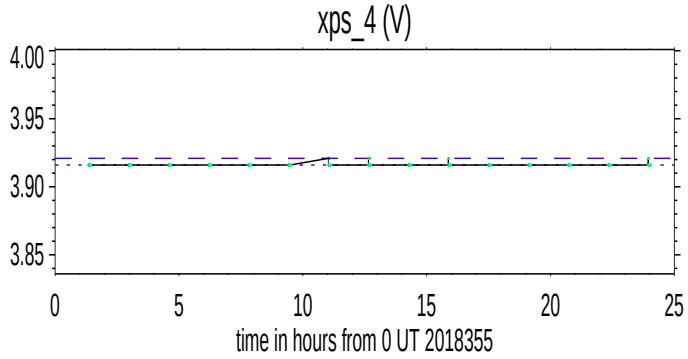
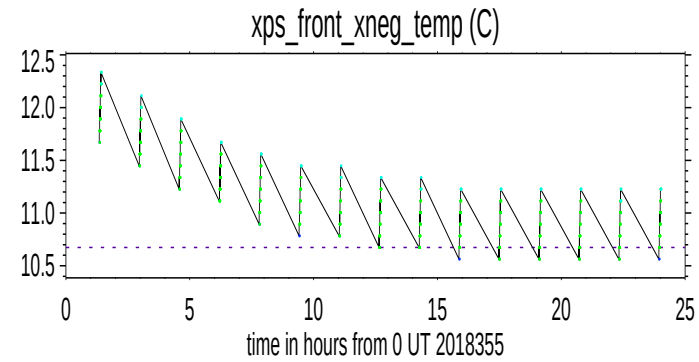
10.5
0 5 10 15 20 25
time in hours from 0 UT 2018355


xps_4 (V)
4.00
3.95
3.90
3.85
0 5 10 15 20 25
time in hours from 0 UT 2018355


xps_front_xneg_temp (C)
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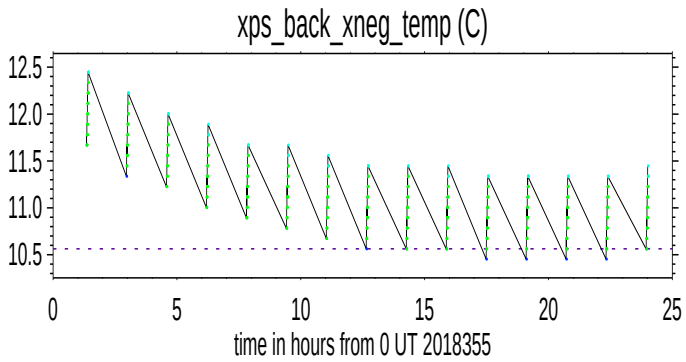
11.5
11.0
10.5
0
5
10
15
20
25
time in hours from 0 UT 2018355


xps_back_xneg_temp (C)
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11.5
11.0
10.5
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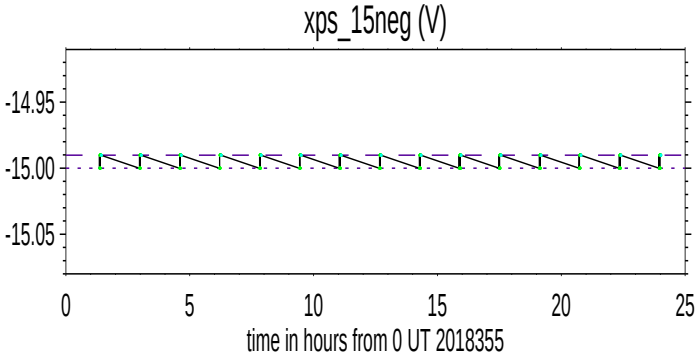
5
10
15
20
25
time in hours from 0 UT 2018355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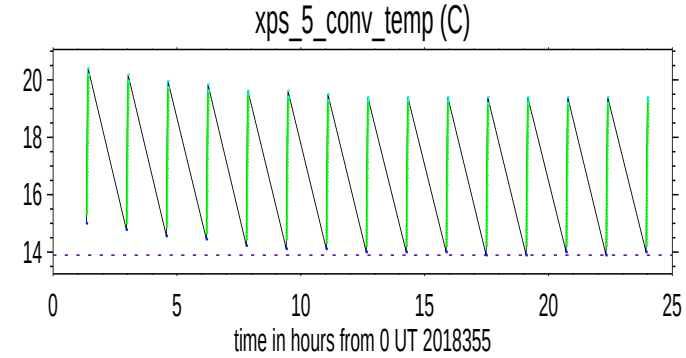
-15.00
-15.05
0
5
10
15
20
25
time in hours from 0 UT 2018355


xps_5_conv_temp (C)
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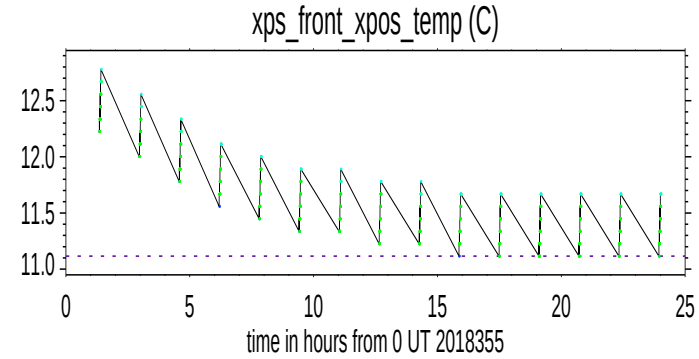
18
16
14
0
5
10
15
20
25
time in hours from 0 UT 2018355


xps_front_xpos_temp (C)
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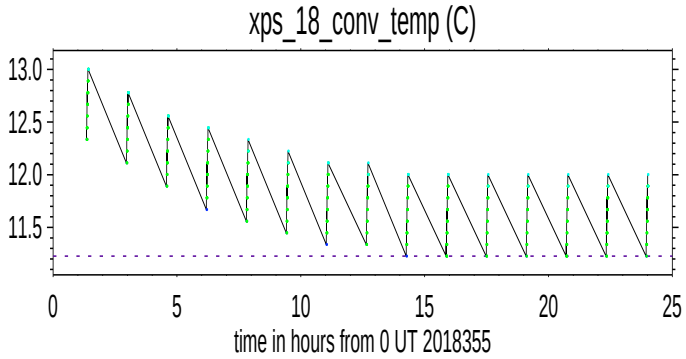
12.0
11.5
11.0
0
5
10
15
20
25
time in hours from 0 UT 2018355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12.5
12.0
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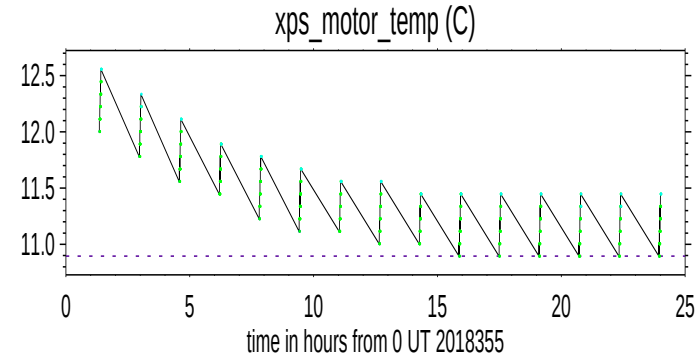
5
10
15
20
25
time in hours from 0 UT 2018355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12.5
12.0
11.5
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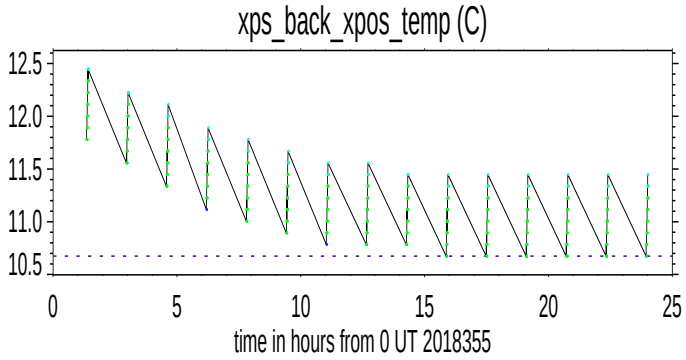
5
10
15
20
25
time in hours from 0 UT 2018355


xps_back_xpos_temp (C)
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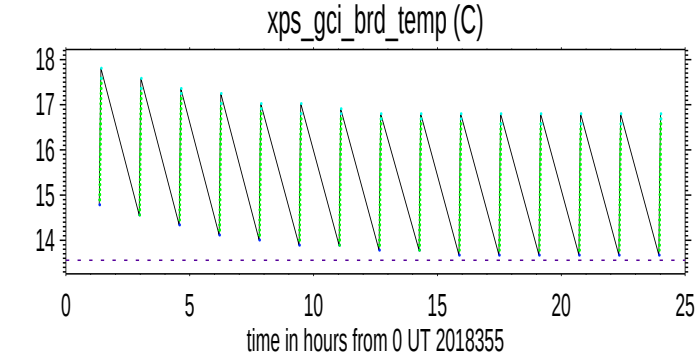
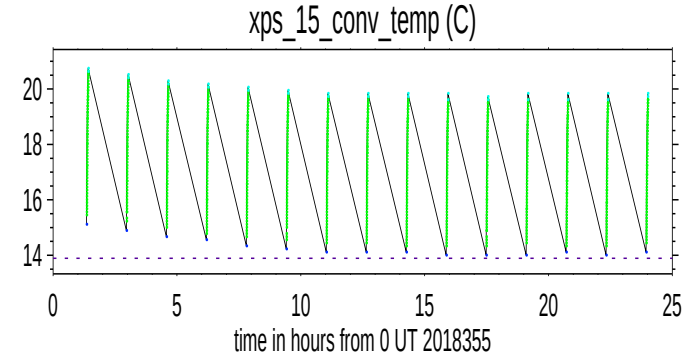
12.0
11.5
11.0
10.5
0
5
10
15
20
25
time in hours from 0 UT 2018355


xps_gci_brd_temp (C)
18
17
16
15
14
0
5
10
15
20
25
time in hours from 0 UT 2018355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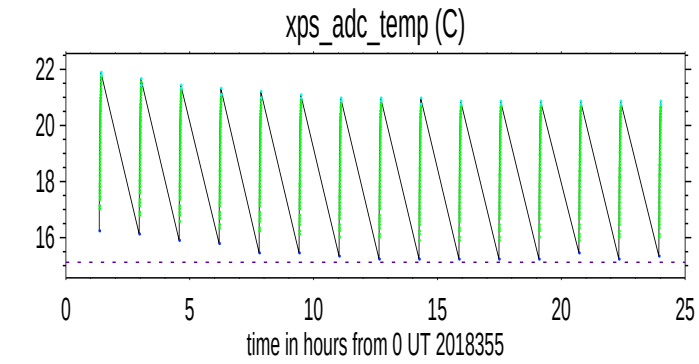
20
18
16
14
0
5
10
15
20
25
time in hours from 0 UT 2018355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16
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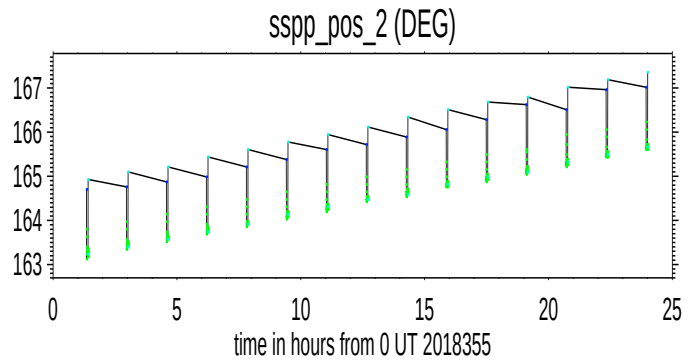
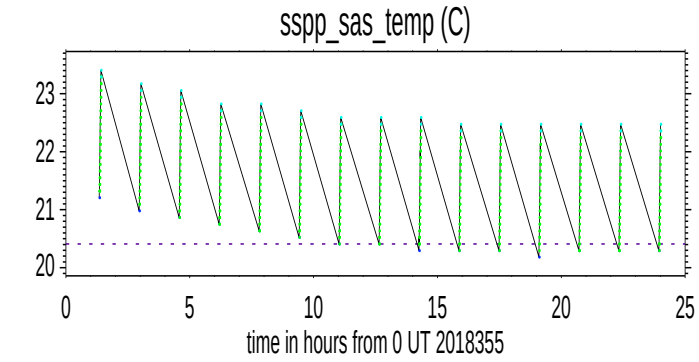
5
10
15
20
25
time in hours from 0 UT 2018355


sspp_pos_2 (DEG)
167
166
165
164
163
0
5
10
15
20
25
time in hours from 0 UT 2018355


sspp_sas_temp (C)
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22
21
20
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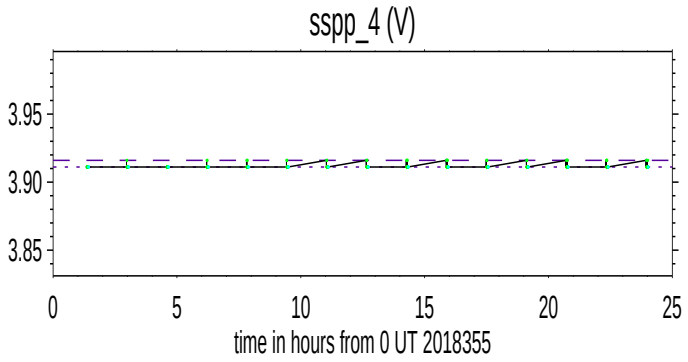
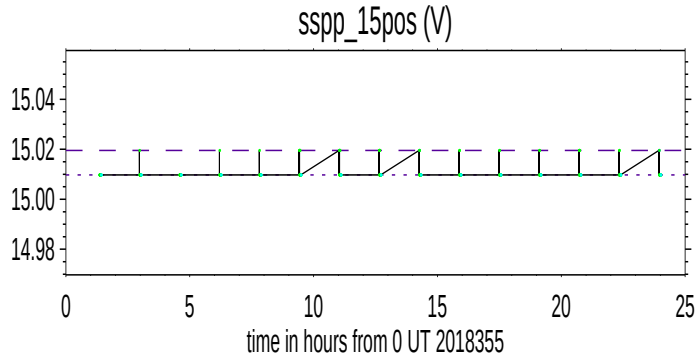
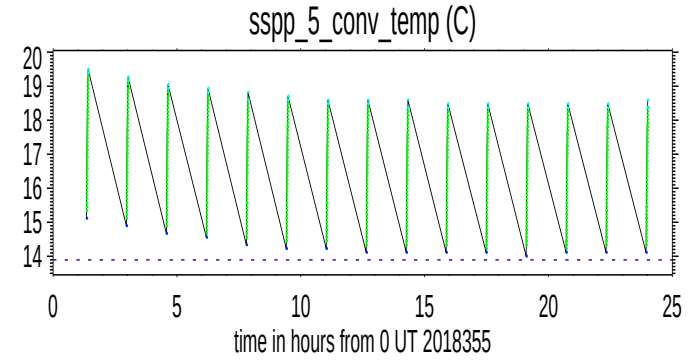
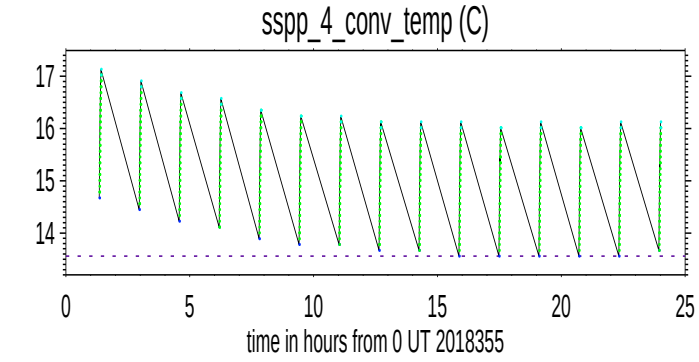
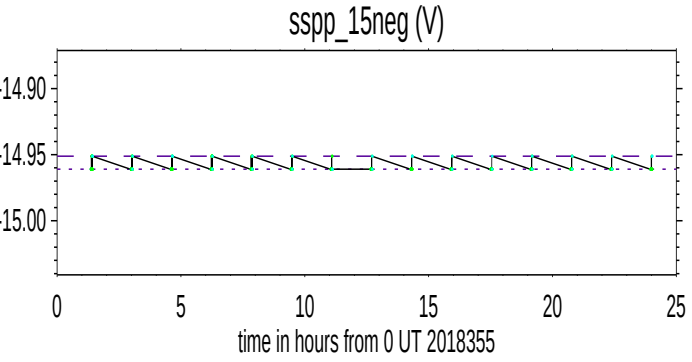
5
10
15
20
25
time in hours from 0 UT 2018355

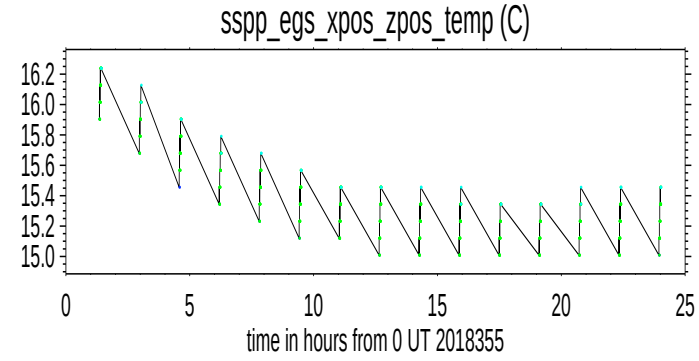

sspp_4 (V)
3.95
3.90
3.85
0
5
10
15
20
25
time in hours from 0 UT 2018355

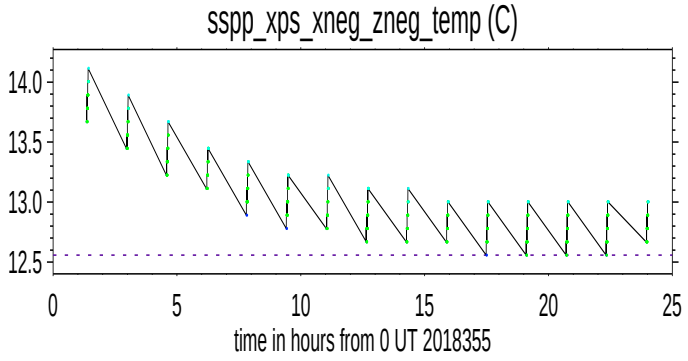

sspp_15pos (V)
15.04
15.02
15.00
14.98
0
5
10
15
20
25
time in hours from 0 UT 2018355

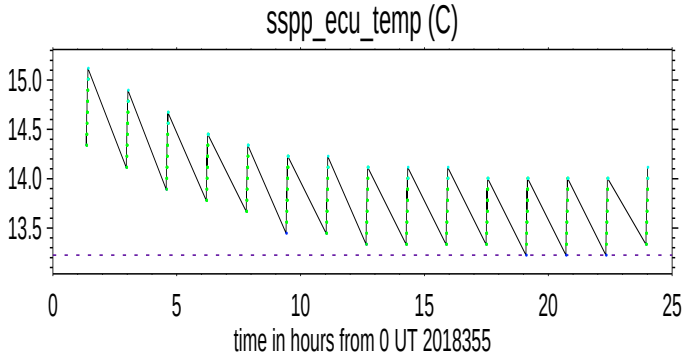

sspp_5_conv_temp (C)
20
19
18
17
16
15
14
0
5
10
15
20
25
time in hours from 0 UT 2018355

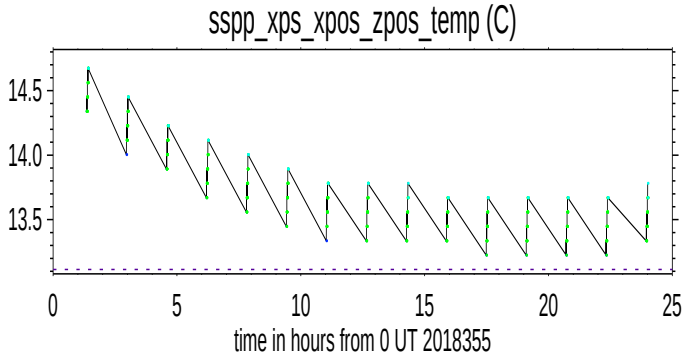

sspp_4_conv_temp (C)
17
16
15
14
0
5
10
15
20
25
time in hours from 0 UT 2018355

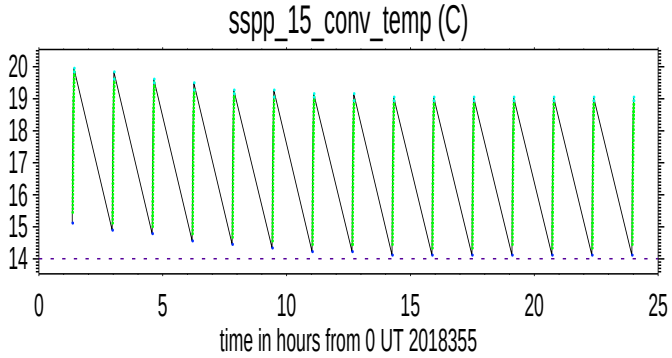

sspp_15neg (V)
-14.90
-14.95
-15.00
0
5
10
15
20
25
time in hours from 0 UT 2018355

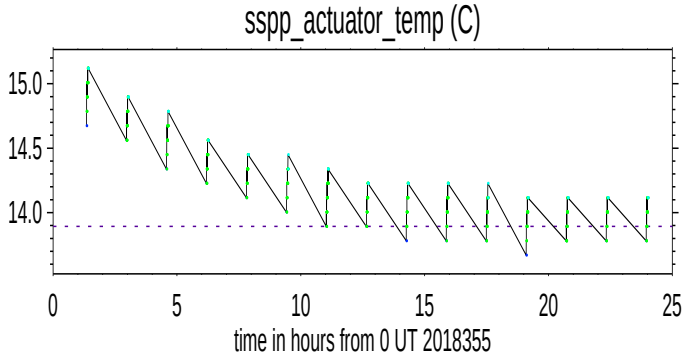

sspp_egs_xpos_zpos_temp (C)
16.2
16.0
15.8
15.6
15.4
15.2
15.0
0
5
10
15
20
25
time in hours from 0 UT 2018355

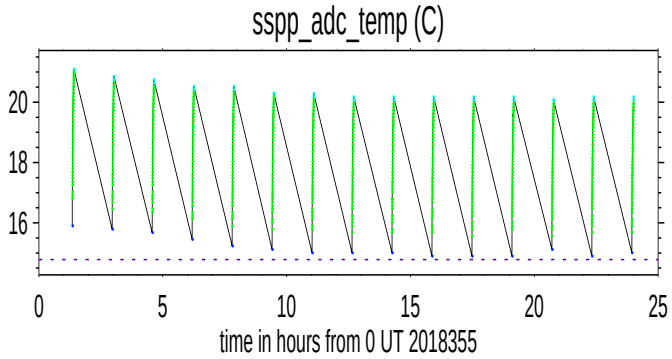

sspp_xps_xneg_zneg_temp (C)
14.0
13.5
13.0
12.5
0
5
10
15
20
25
time in hours from 0 UT 2018355

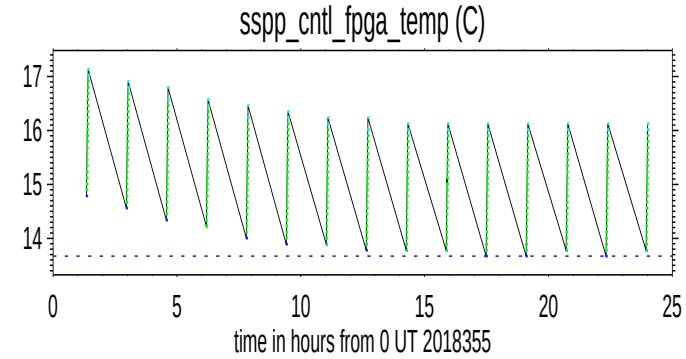

sspp_ecu_temp (C)
15.0
14.5
14.0
13.5
0
5
10
15
20
25
time in hours from 0 UT 2018355

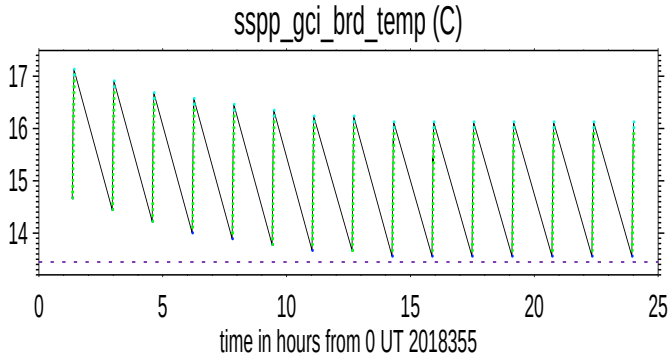

sspp_xps_xpos_zpos_temp (C)
14.5
14.0
13.5
0
5
10
15
20
25
time in hours from 0 UT 2018355

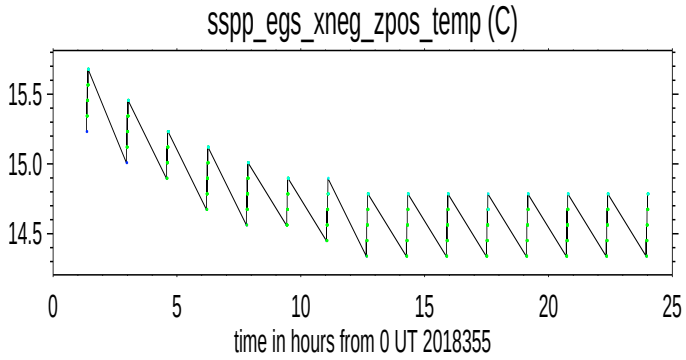

sspp_15_conv_temp (C)
20
19
18
17
16
15
14
0
5
10
15
20
25
time in hours from 0 UT 2018355

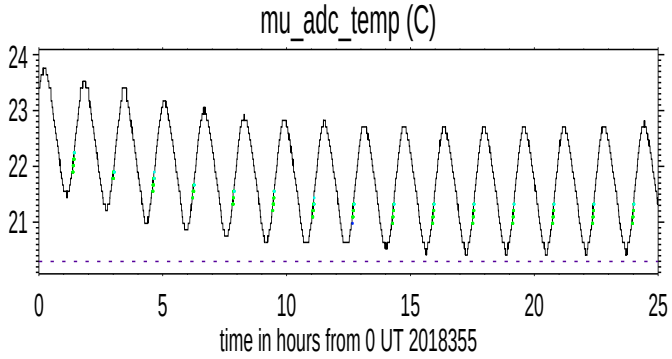

sspp_actuator_temp (C)
15.0
14.5
14.0
0
5
10
15
20
25
time in hours from 0 UT 2018355

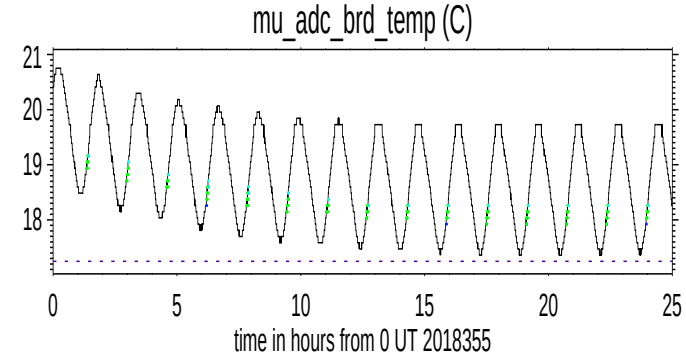

sspp_adc_temp (C)
20
18
16
0
5
10
15
20
25
time in hours from 0 UT 2018355

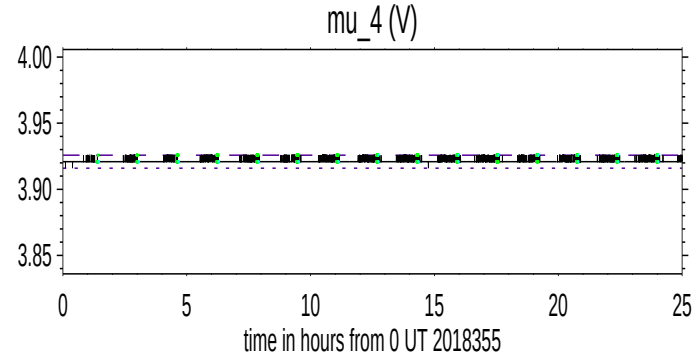

sspp_cntl_fpga_temp (C)
17
16
15
14
0
5
10
15
20
25
time in hours from 0 UT 2018355

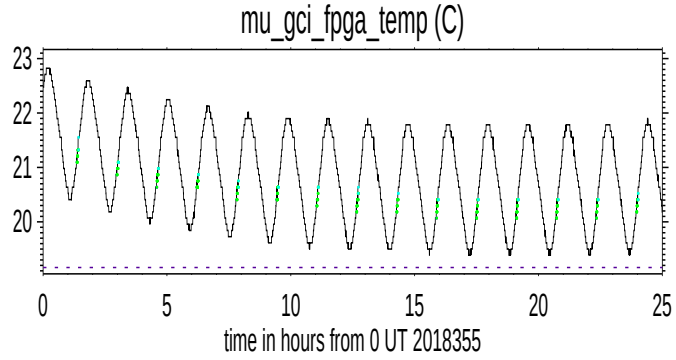

sspp_gci_brd_temp (C)
17
16
15
14
0
5
10
15
20
25
time in hours from 0 UT 2018355

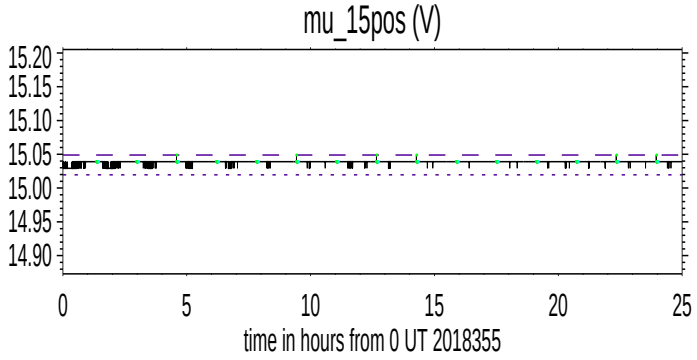

sspp_egs_xneg_zpos_temp (C)
15.5
15.0
14.5
0
5
10
15
20
25
time in hours from 0 UT 2018355

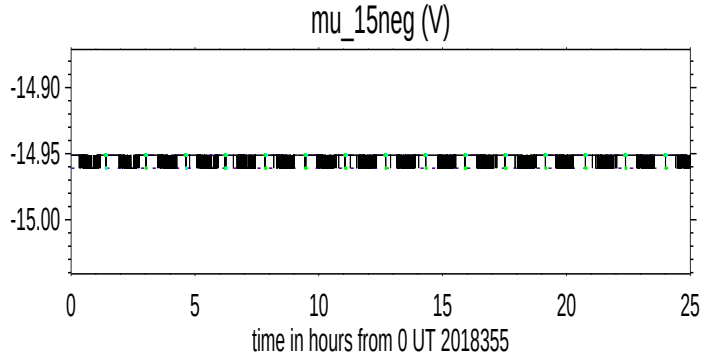

mu_adc_temp (C)
24
23
22
21
0
5
10
15
20
25
time in hours from 0 UT 2018355

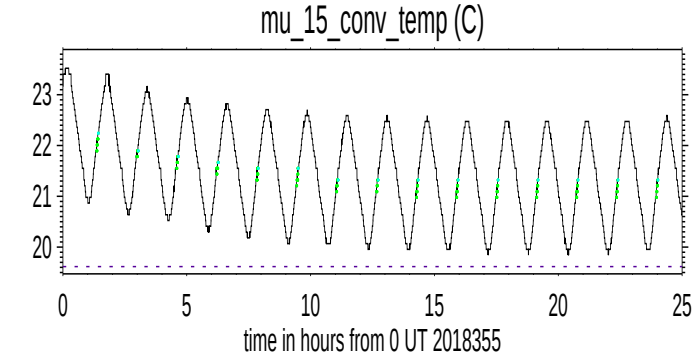

mu_adc_brd_temp (C)
21
20
19
18
0
5
10
15
20
25
time in hours from 0 UT 2018355

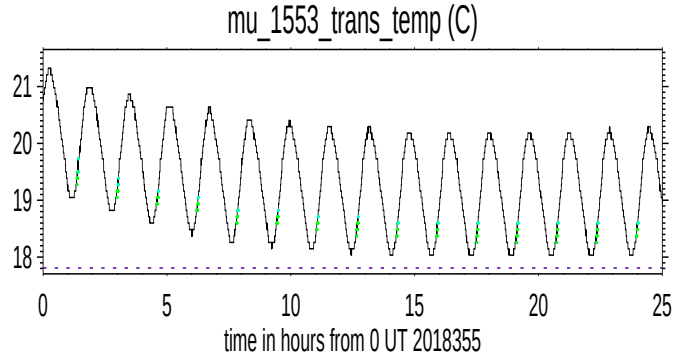

mu_4 (V)
4.00
3.95
3.90
3.85
0
5
10
15
20
25
time in hours from 0 UT 2018355

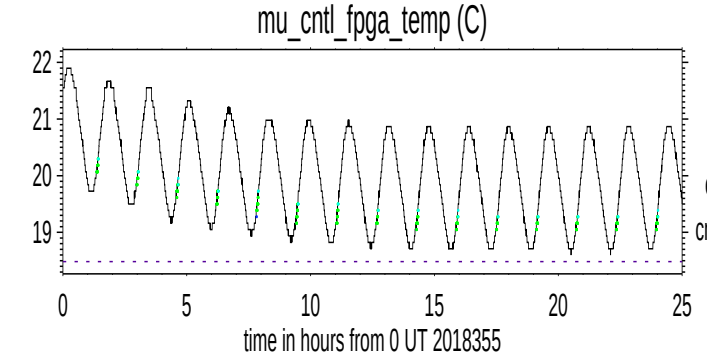

mu_gci_fpga_temp (C)
23
22
21
20
0
5
10
15
20
25
time in hours from 0 UT 2018355

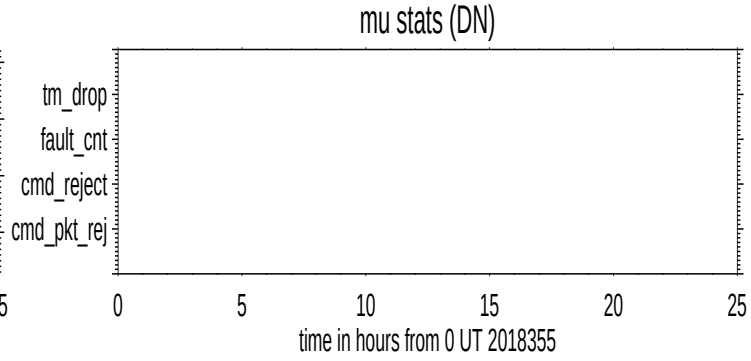

mu_15pos (V)
15.20
15.15
15.10
15.05
15.00
14.95
14.90
0
5
10
15
20
25
time in hours from 0 UT 2018355

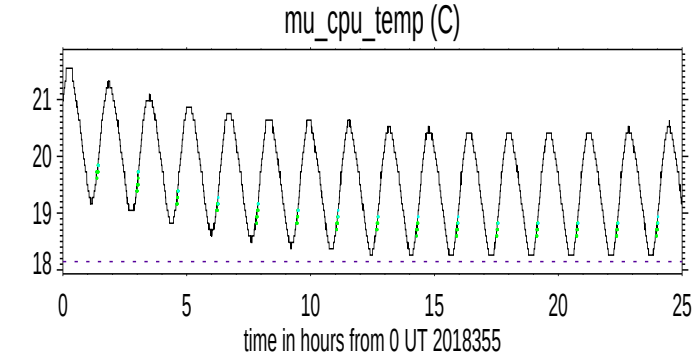

mu_15neg (V)
-14.90
-14.95
-15.00
0
5
10
15
20
25
time in hours from 0 UT 2018355

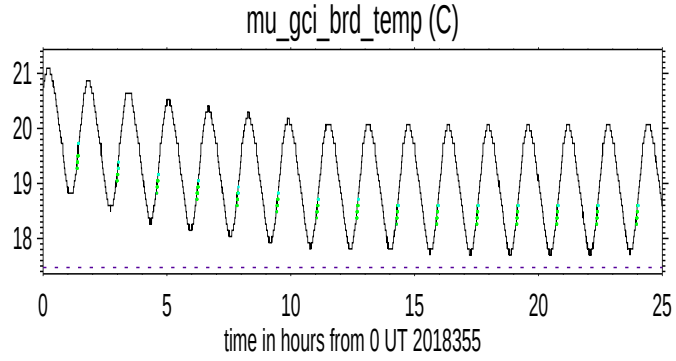

mu_15_conv_temp (C)
23
22
21
20
0
5
10
15
20
25
time in hours from 0 UT 2018355

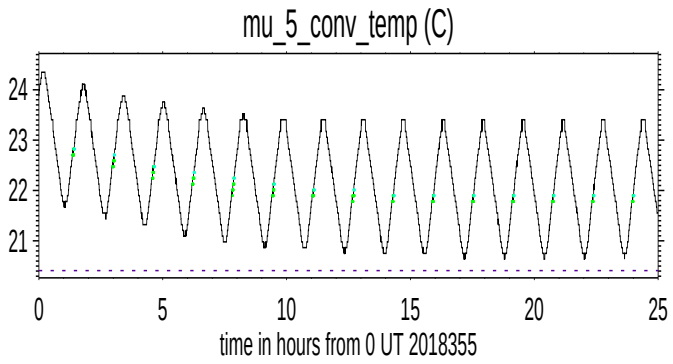

mu_1553_trans_temp (C)
21
20
19
18
0
5
10
15
20
25
time in hours from 0 UT 2018355

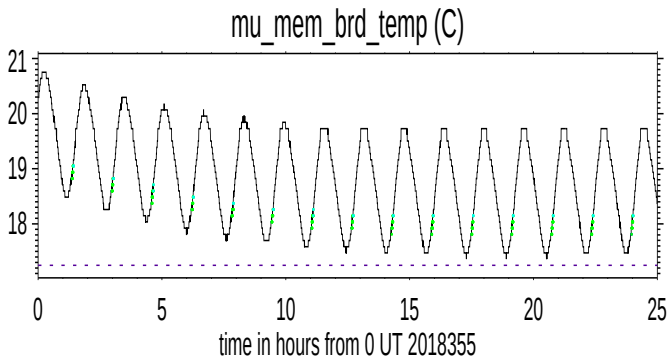

mu_cntl_fpga_temp (C)
22
21
20
19
0
5
10
15
20
25
time in hours from 0 UT 2018355

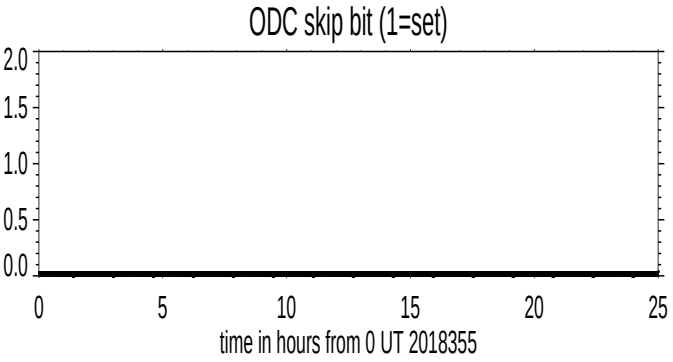

mu stats (DN)
tm_drop
fault_cnt
cmd_reject
cmd_pkt_rej
0
5
10
15
20
25
time in hours from 0 UT 2018355

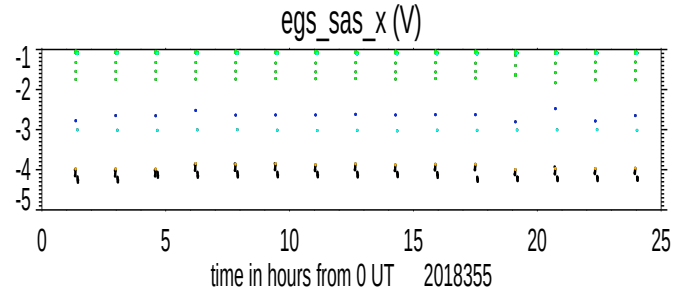

mu_cpu_temp (C)
21
20
19
18
0
5
10
15
20
25
time in hours from 0 UT 2018355

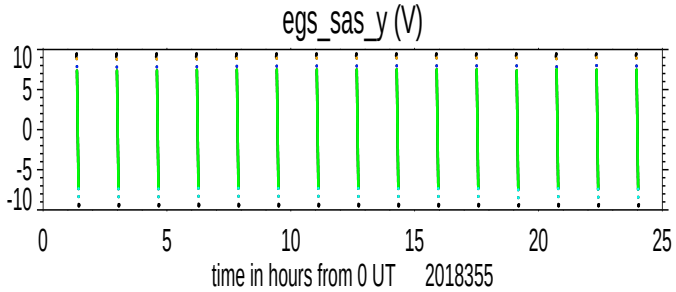

mu_gci_brd_temp (C)
21
20
19
18
0
5
10
15
20
25
time in hours from 0 UT 2018355

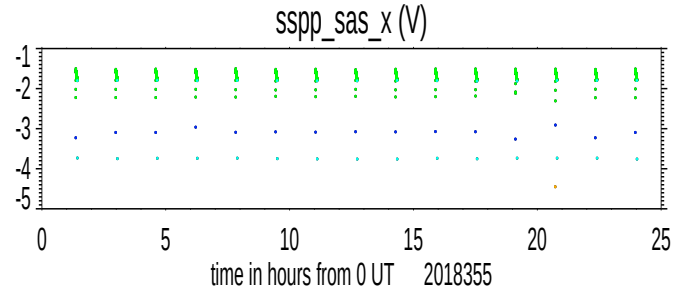

mu_5_conv_temp (C)
24
23
22
21
0
5
10
15
20
25
time in hours from 0 UT 2018355

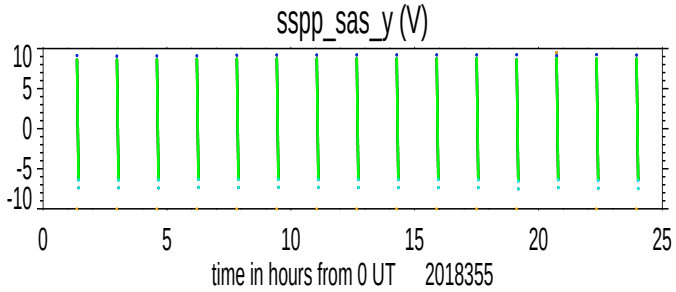

mu_mem_brd_temp (C)
21
20
19
18
0
5
10
15
20
25
time in hours from 0 UT 2018355

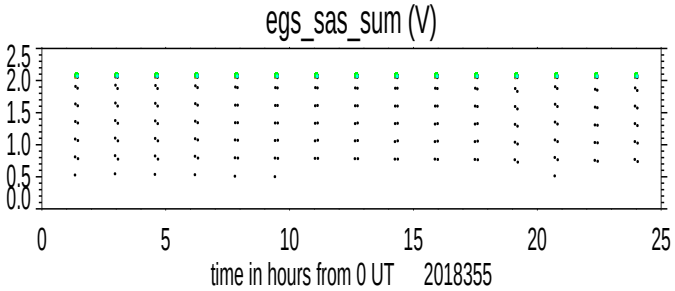

ODC skip bit (1=set)
2.0
1.5
1.0
0.5
0.0
0
5
10
15
20
25
time in hours from 0 UT 2018355

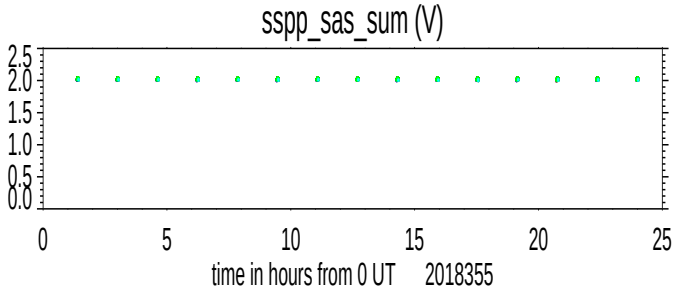

egs_sas_x (V)
time in hours from 0 UT 2018355

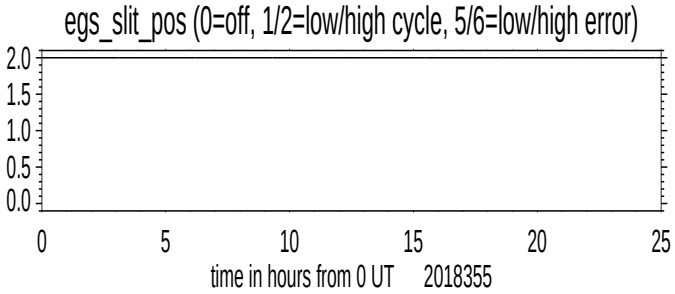

egs_sas_y (V)
time in hours from 0 UT 2018355

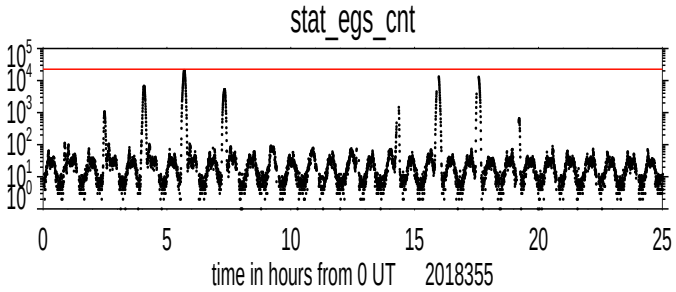

sspp_sas_x (V)
time in hours from 0 UT 2018355

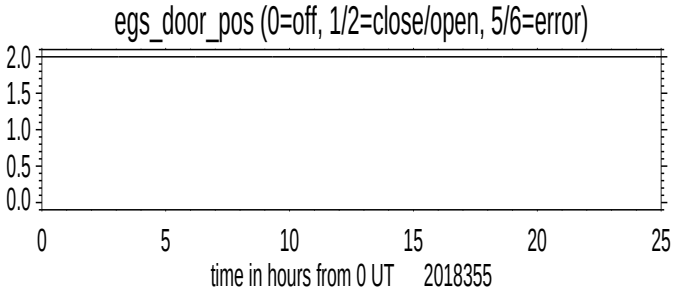

sspp_sas_y (V)
time in hours from 0 UT 2018355

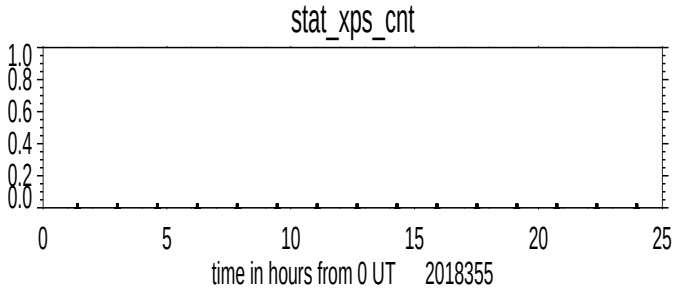

egs_sas_sum (V)
time in hours from 0 UT 2018355

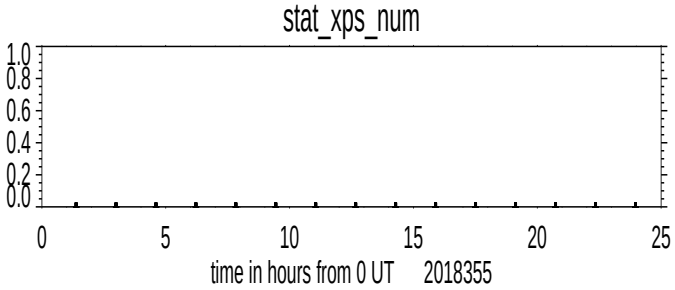

sspp_sas_sum (V)
time in hours from 0 UT 2018355

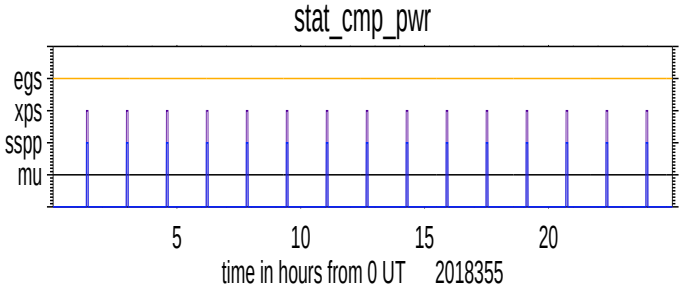

egs_slit_pos (0=off, 1/2=low/high cycle, 5/6=low/high error)
time in hours from 0 UT 2018355


stat_egs_cnt
time in hours from 0 UT 2018355

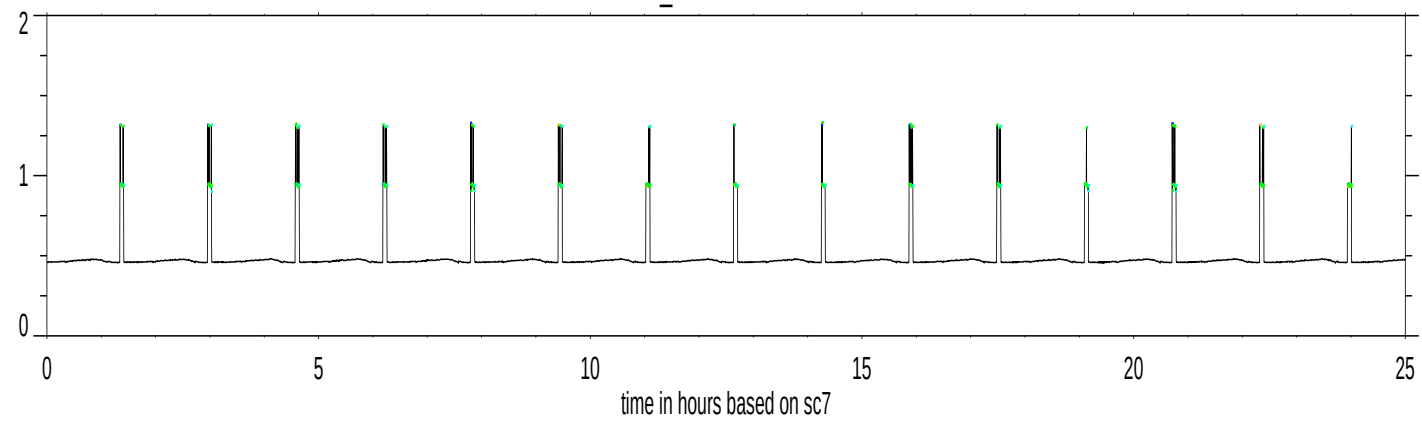

egs_door_pos (0=off, 1/2=close/open, 5/6=error)
time in hours from 0 UT 2018355


stat_xps_cnt
time in hours from 0 UT 2018355

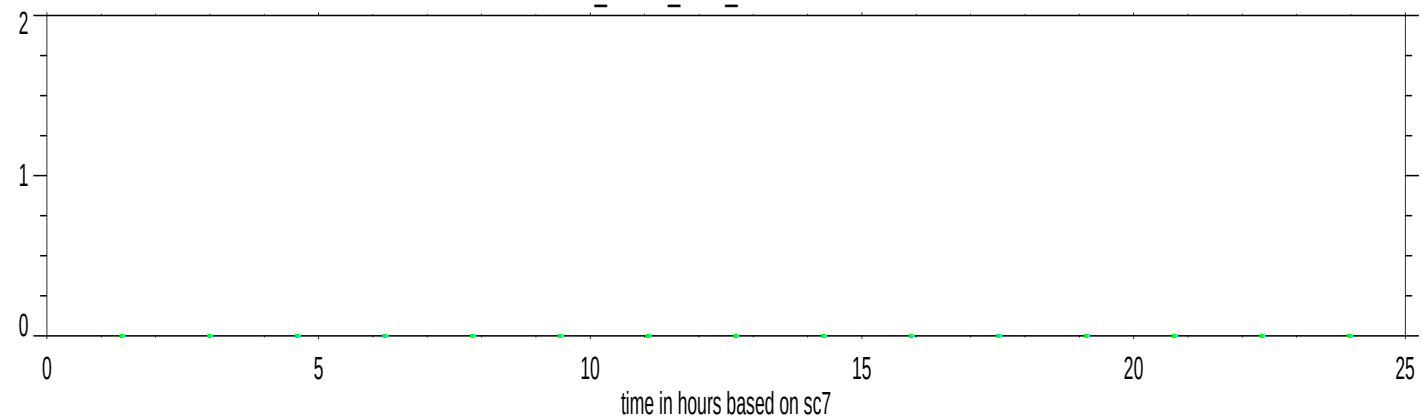

stat_xps_num
time in hours from 0 UT 2018355


stat_cmp_pwr
egs
xps
sspp
mu
time in hours from 0 UT 2018355

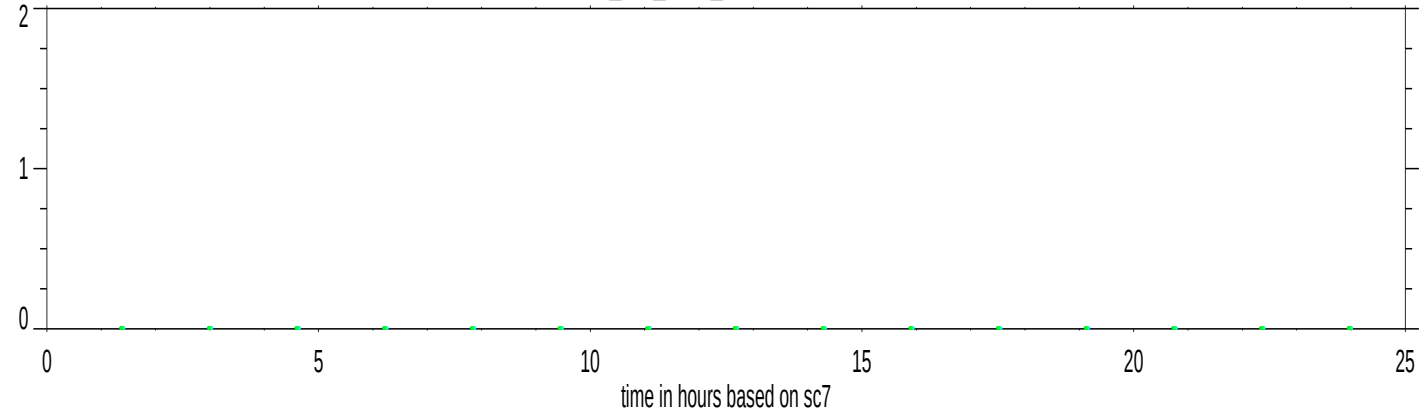
SEE_CUR 2018355



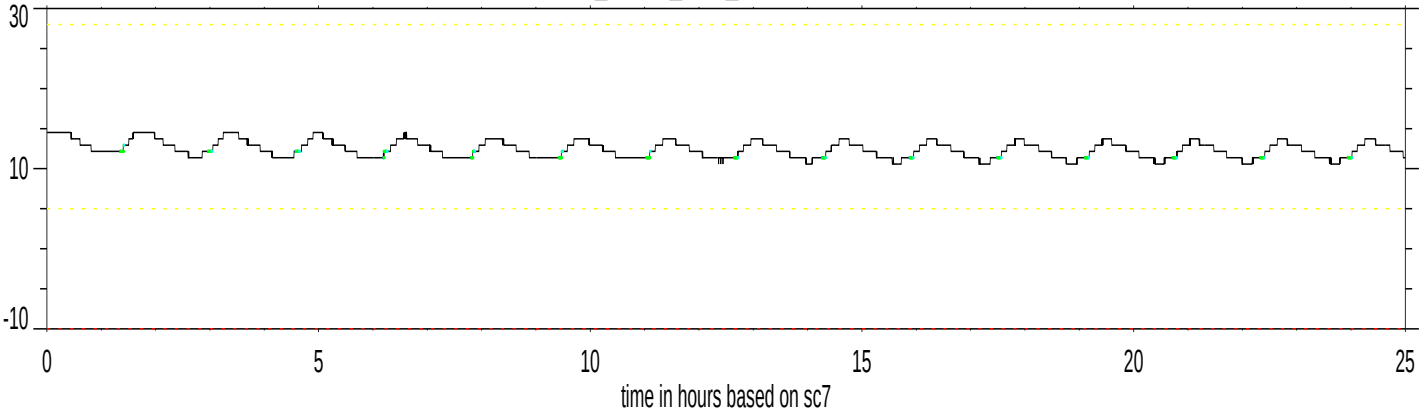
SEE_SURV_HTR_CUR 2018355

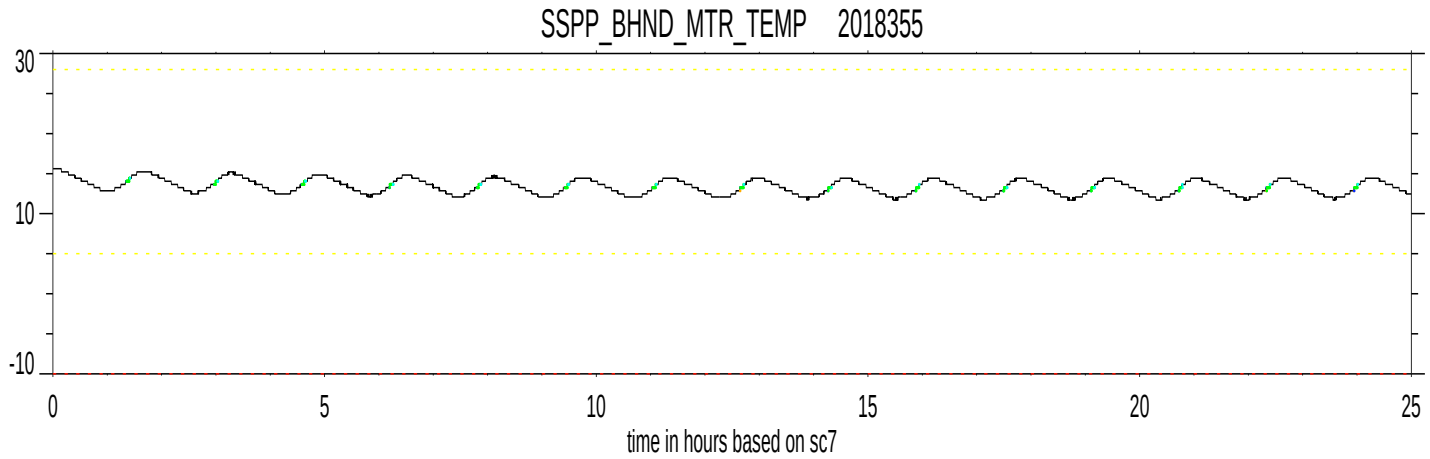


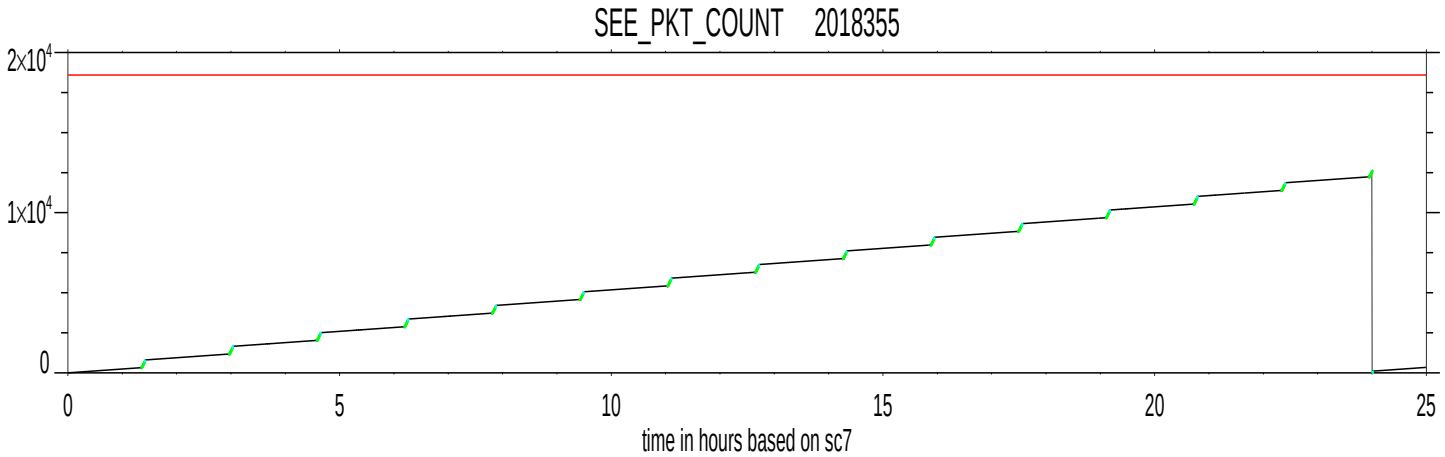
SEE_OP_HTR_CUR 2018355

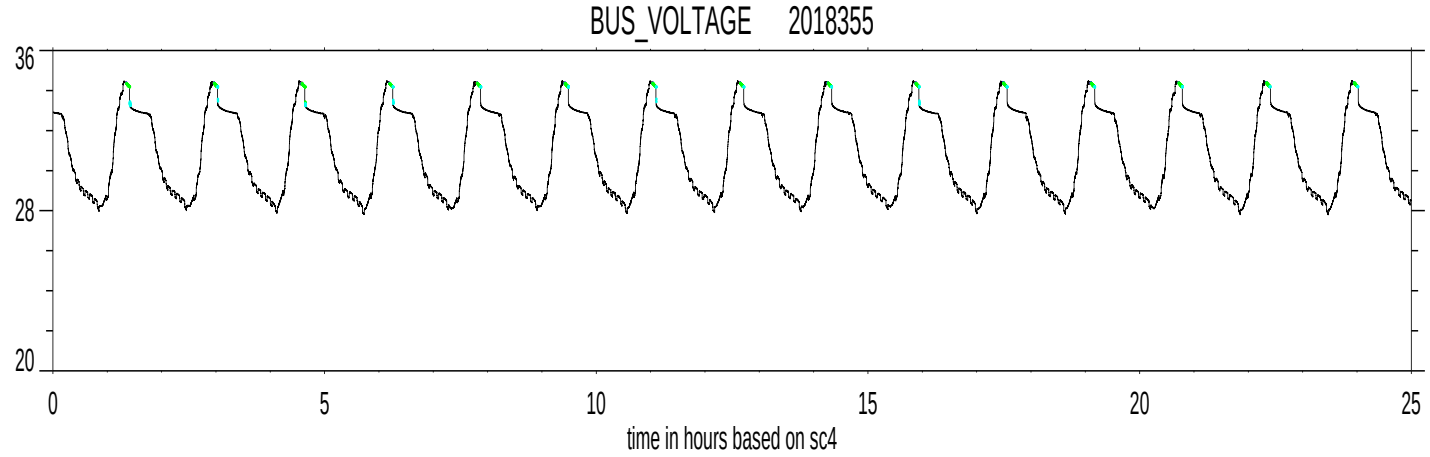


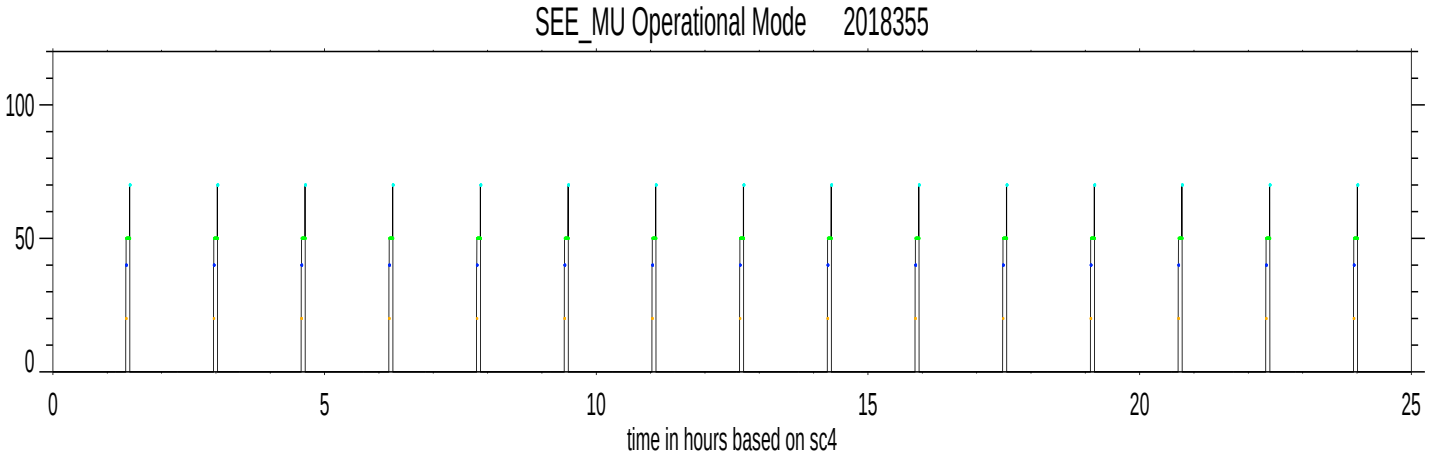
SSPP_BHND_XPS_TEMP 2018355

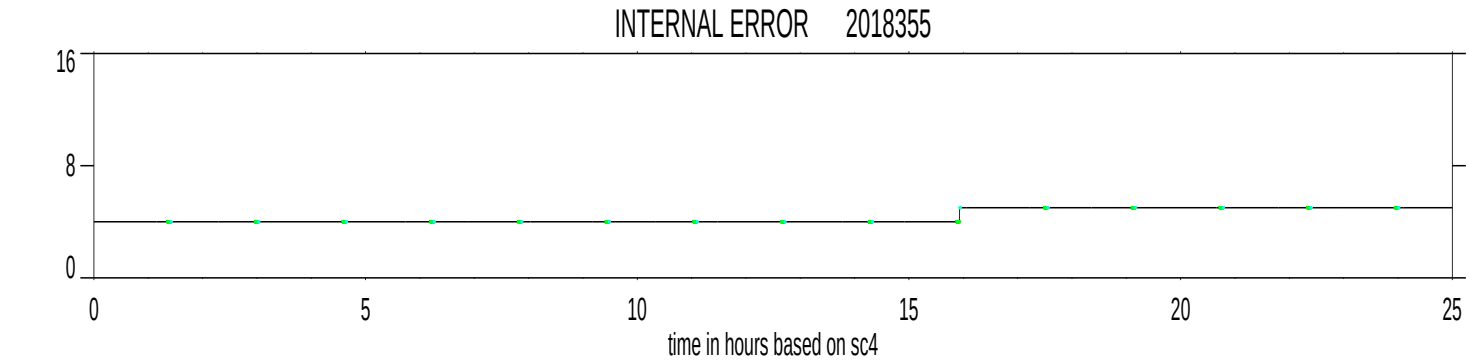


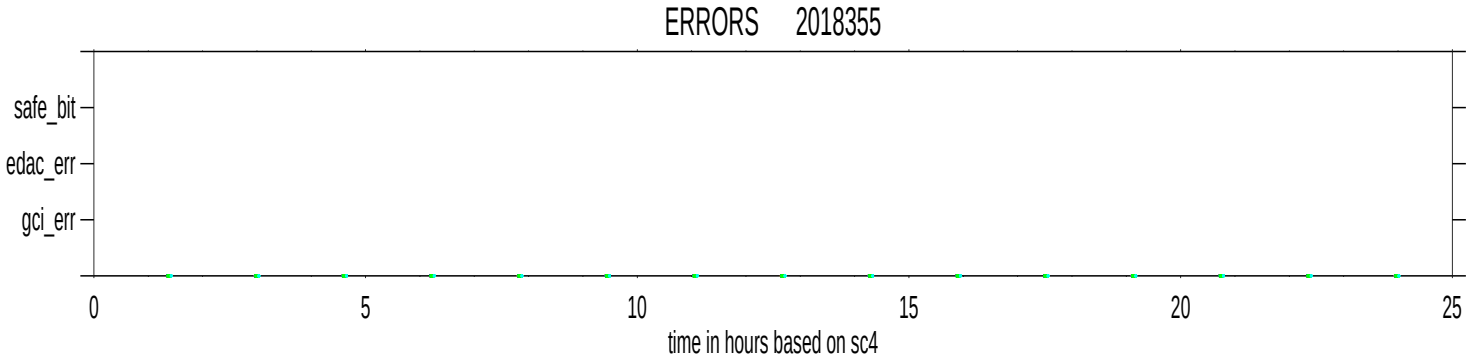

SSPP_BHND_MTR_TEMP 2018355
30
10
-10
0
5
10
15
20
25
time in hours based on sc7

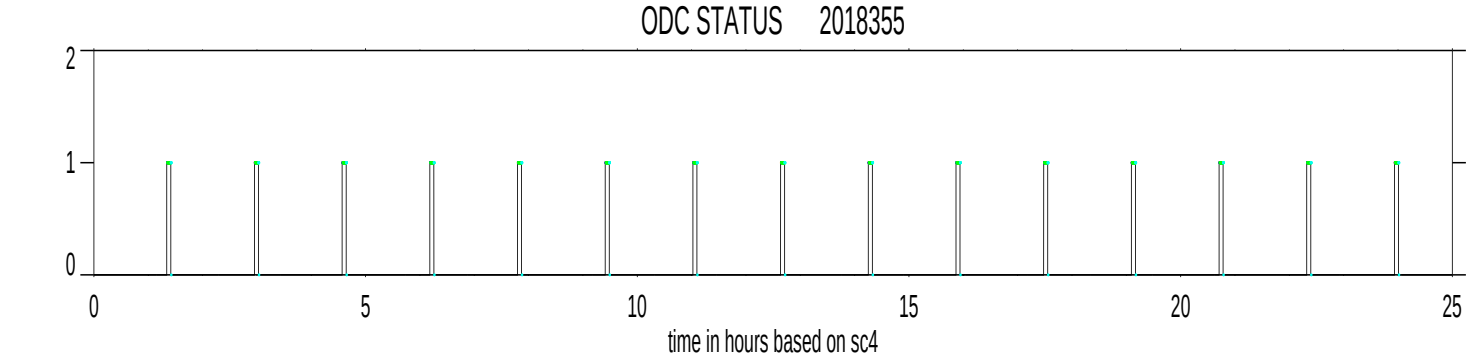

SEE_PKT_COUNT 2018355
2×10^4
1×10^4
0
0
5
10
15
20
25
time in hours based on sc7

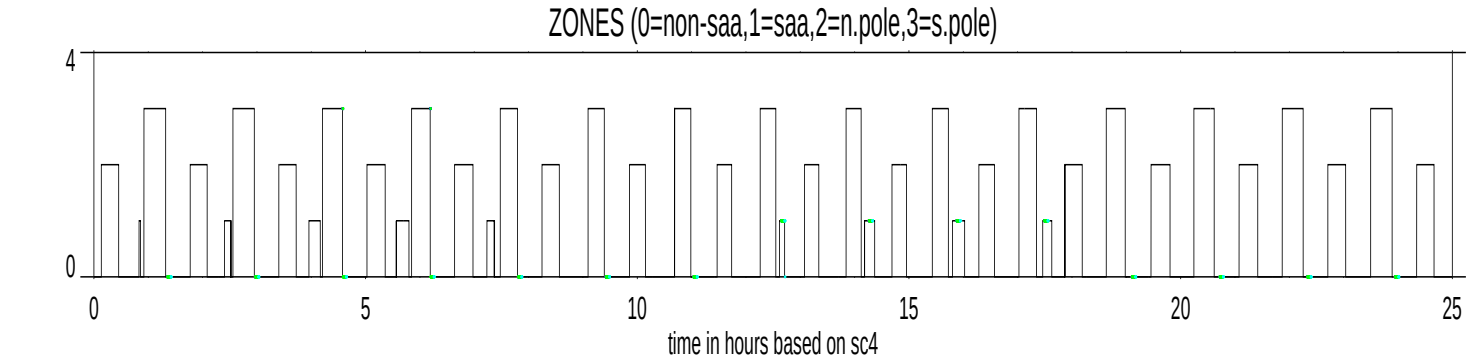

BUS_VOLTAGE 2018355
36
28
20
0
5
10
15
20
25
time in hours based on sc4

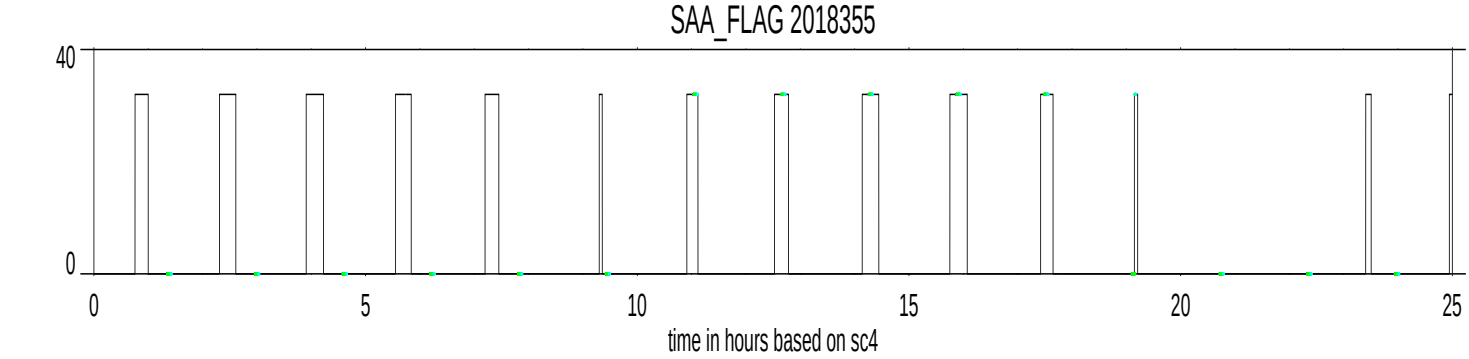

SEE_MU Operational Mode 2018355
100
50
0
0
5
10
15
20
25
time in hours based on sc4

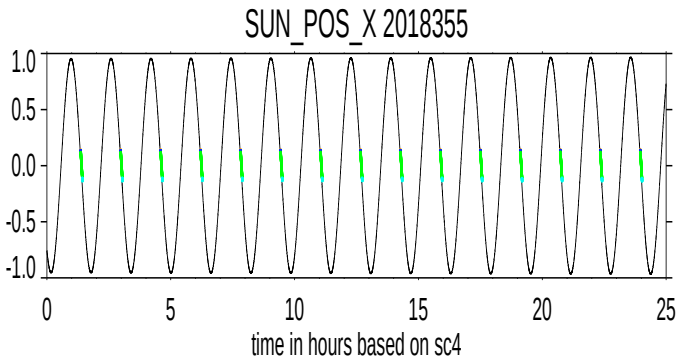

INTERNAL ERROR 2018355
16
8
0
0
5
10
15
20
25
time in hours based on sc4

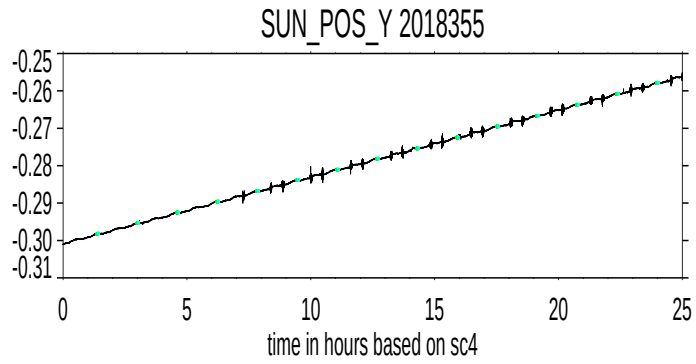

ERRORS 2018355
safe_bit
edac_err
gci_err
0
5
10
15
20
25
time in hours based on sc4

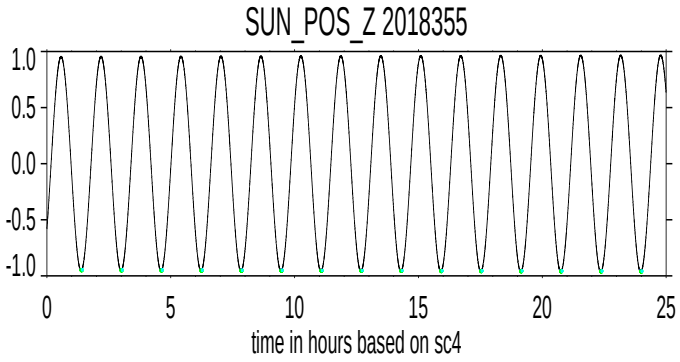

ODC STATUS 2018355
2
1
0
0
5
10
15
20
25
time in hours based on sc4

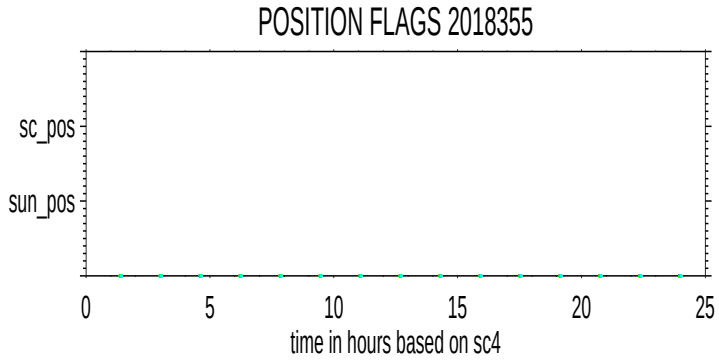

ZONES (0=non-saa,1=saa,2=n.pole,3=s.pole)
4
0
0
5
10
15
20
25
time in hours based on sc4

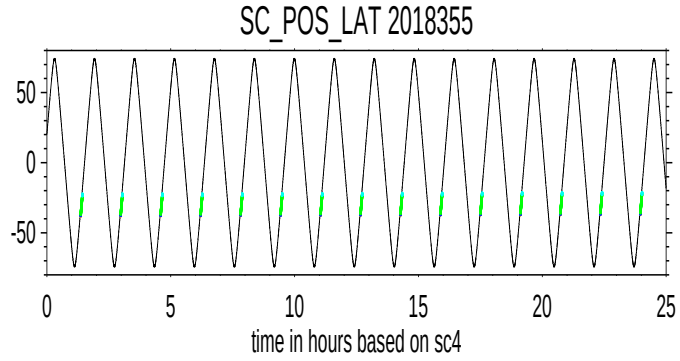

SAA_FLAG 2018355
40
0
0
5
10
15
20
25
time in hours based on sc4

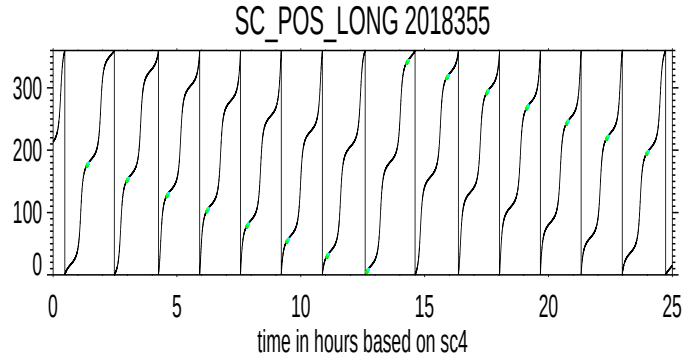

SUN_POS_X 2018355
1.0
0.5
0.0
-0.5
-1.0
0
5
10
15
20
25
time in hours based on sc4

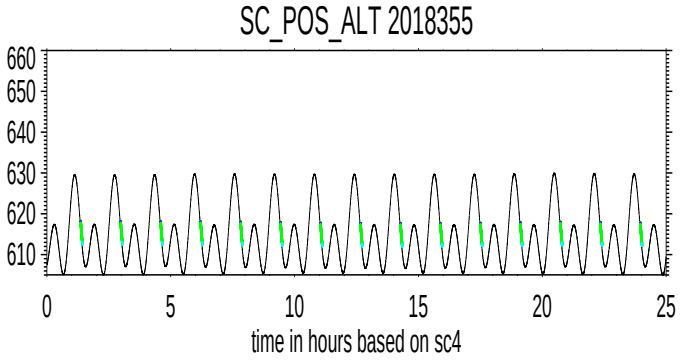

SUN_POS_Y 2018355
-0.25
-0.26
-0.27
-0.28
-0.29
-0.30
-0.31
0
5
10
15
20
25
time in hours based on sc4

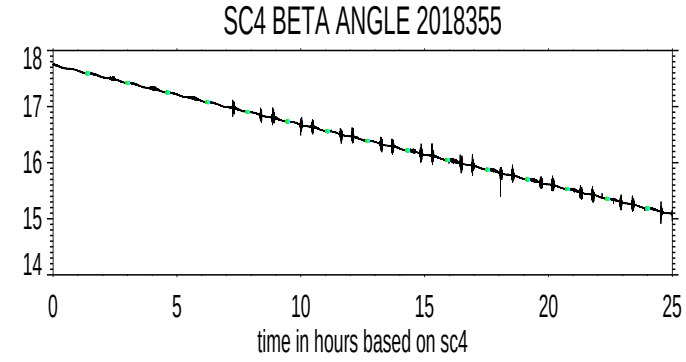

SUN_POS_Z 2018355
1.0
0.5
0.0
-0.5
-1.0
0
5
10
15
20
25
time in hours based on sc4


POSITION FLAGS 2018355
sc_pos
sun_pos
0
5
10
15
20
25
time in hours based on sc4


SC_POS_LAT 2018355
50
0
-50
0
5
10
15
20
25
time in hours based on sc4


SC_POS_LONG 2018355
300
200
100
0
0
5
10
15
20
25
time in hours based on sc4


SC_POS_ALT 2018355
660
650
640
630
620
610
0
5
10
15
20
25
time in hours based on sc4


SC4 BETA ANGLE 2018355
18
17
16
15
14
0
5
10
15
20
25
time in hours based on sc4