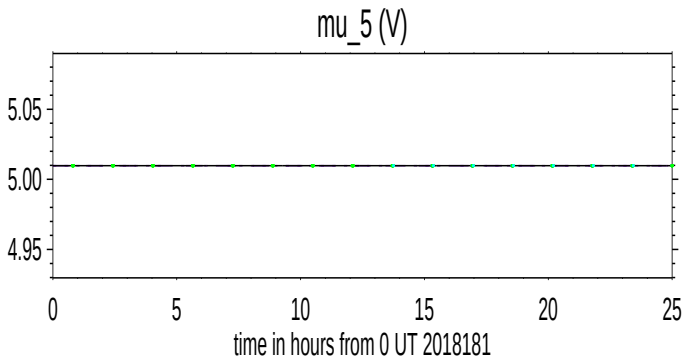
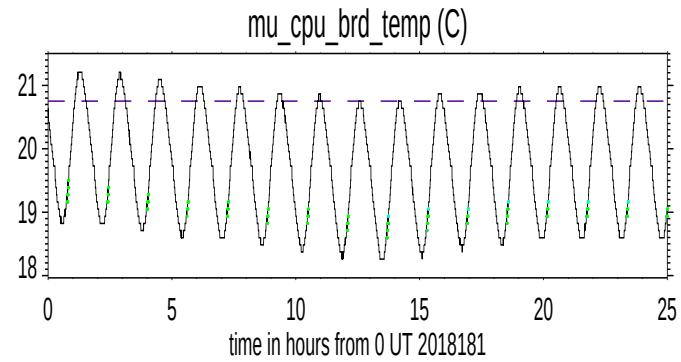
Information for 2018181


mu_5 (V)
5.05
5.00
4.95
0
5
10
15
20
25
time in hours from 0 UT 2018181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15
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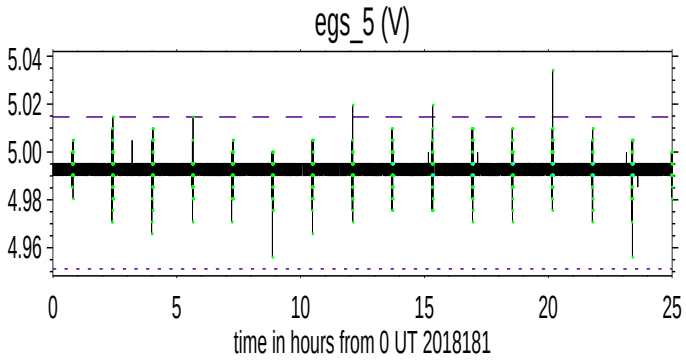
25
time in hours from 0 UT 2018181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5.02
5.00
4.98
4.96
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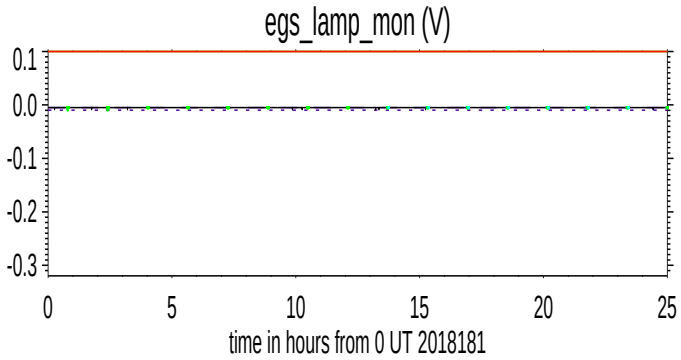
5
10
15
20
25
time in hours from 0 UT 2018181


egs_lamp_mon (V)
0.1
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-0.1
-0.2
-0.3
0
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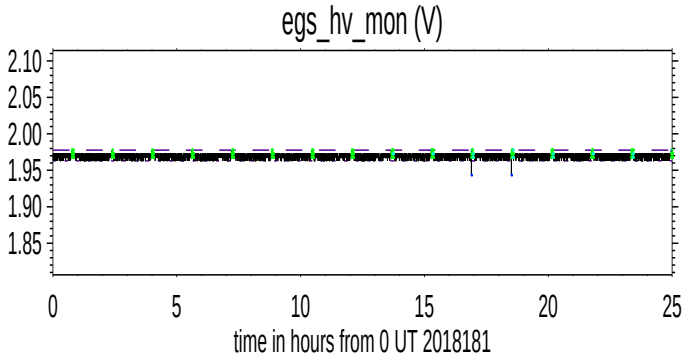
time in hours from 0 UT 2018181


egs_hv_mon (V)
2.10
2.05
2.00
1.95
1.90
1.85
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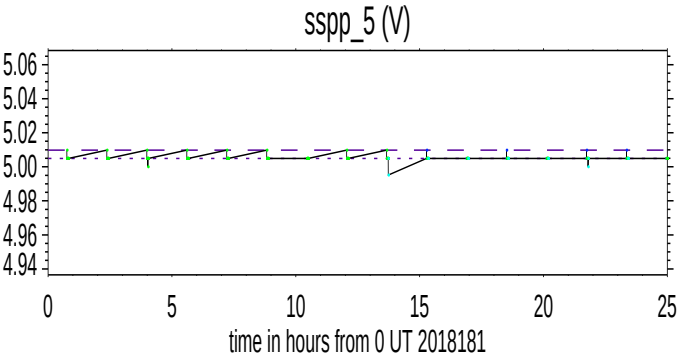
10
15
20
25
time in hours from 0 UT 2018181


sspp_5 (V)
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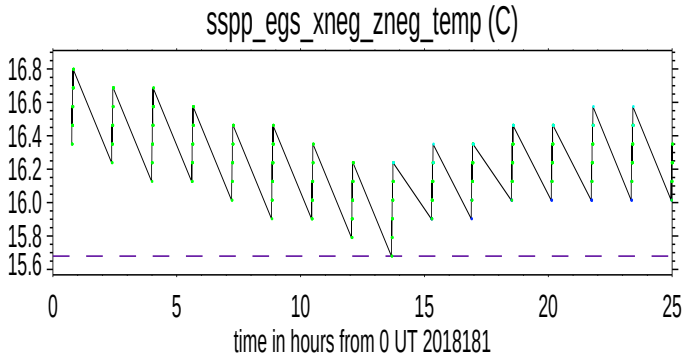
5.00
4.98
4.96
4.94
0
5
10
15
20
25
time in hours from 0 UT 2018181


sspp_egs_xneg_zneg_temp (C)
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16.2
16.0
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15
20
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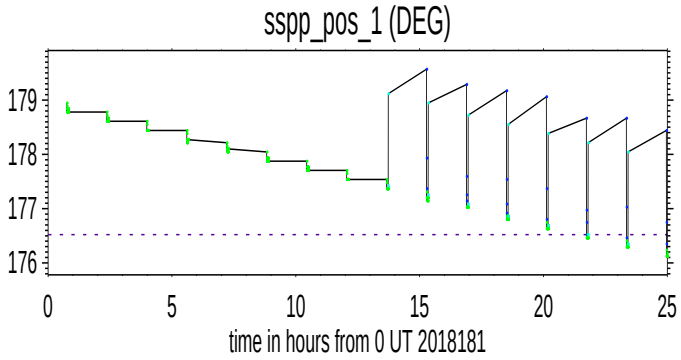
time in hours from 0 UT 2018181


sspp_pos_1 (DEG)
179
178
177
176
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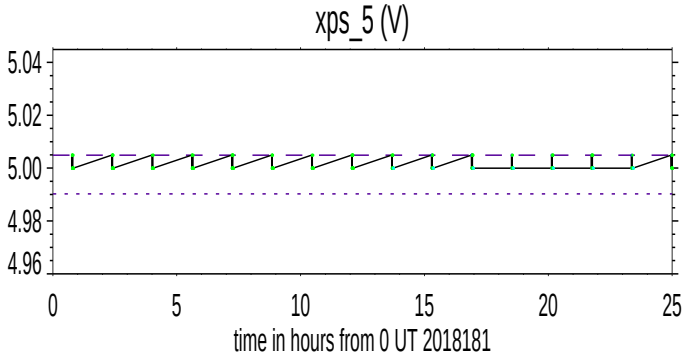
5
10
15
20
25
time in hours from 0 UT 2018181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5.00
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4.96
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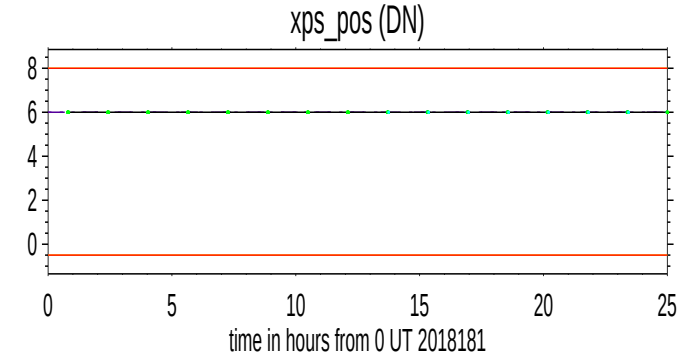
5
10
15
20
25
time in hours from 0 UT 2018181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6
4
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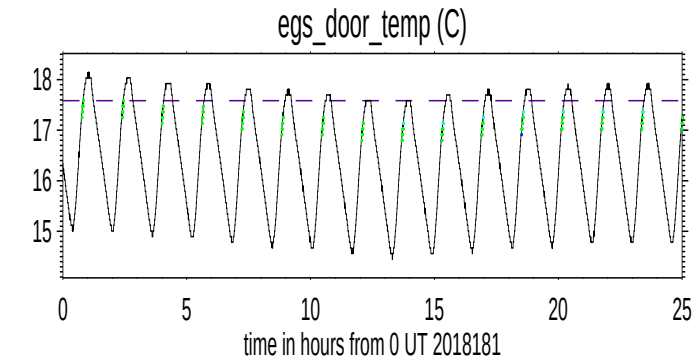
time in hours from 0 UT 2018181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17
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10
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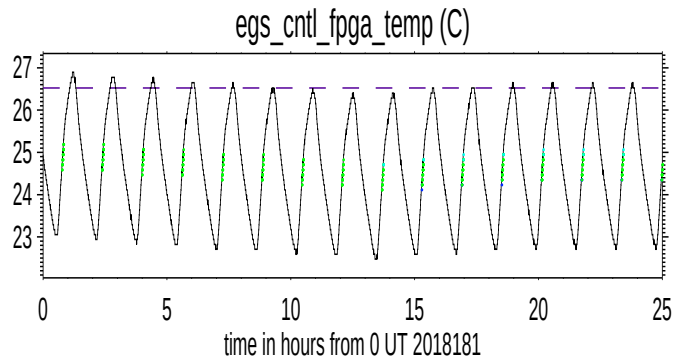
20
25
time in hours from 0 UT 2018181


egs_cntl_fpga_temp (C)
27
26
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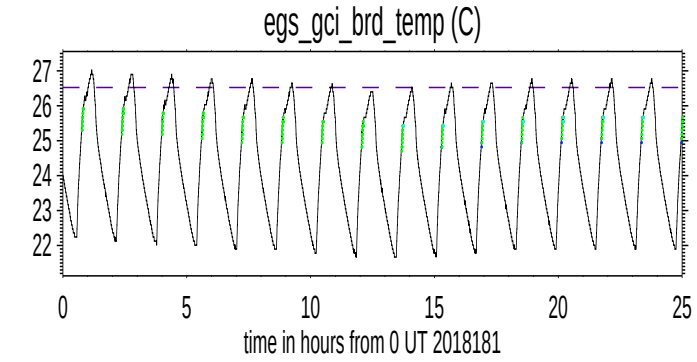
10
15
20
25
time in hours from 0 UT 2018181


egs_gci_brd_temp (C)
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26
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24
23
22
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5
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15
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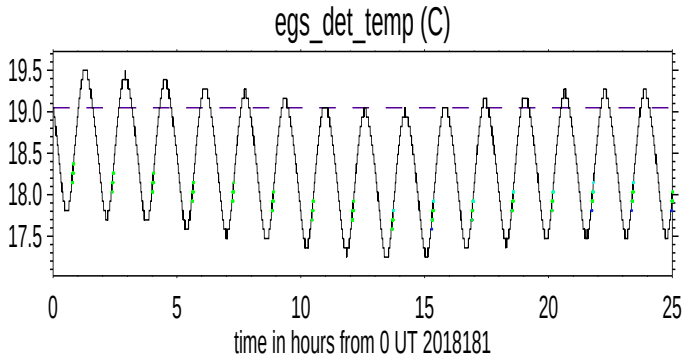
25
time in hours from 0 UT 2018181


egs_det_temp (C)
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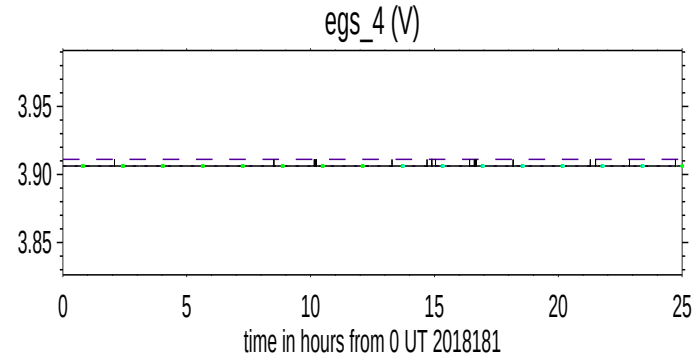
10
15
20
25
time in hours from 0 UT 2018181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3.90
3.85
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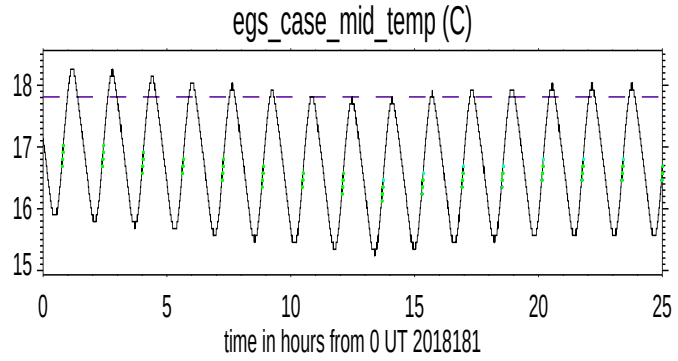
5
10
15
20
25
time in hours from 0 UT 2018181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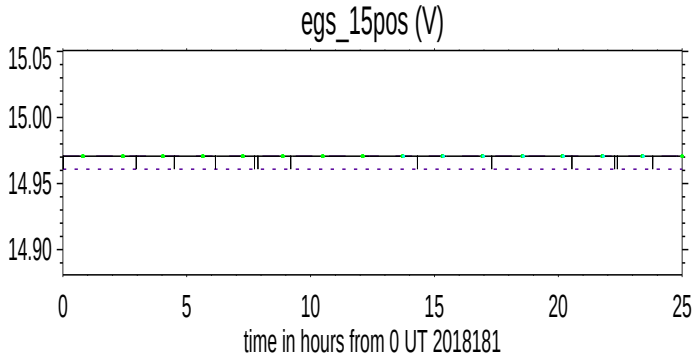
15
0
5
10
15
20
25
time in hours from 0 UT 2018181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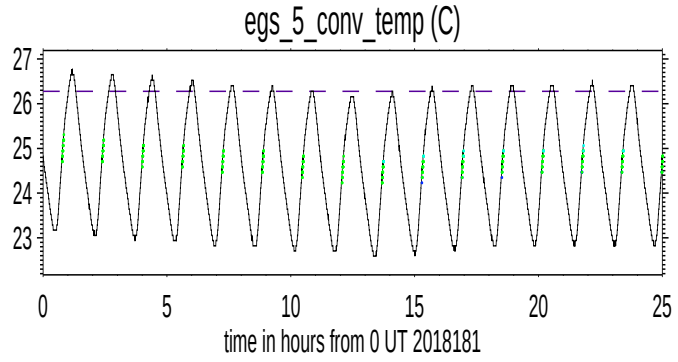
15.05
15.00
14.95
14.90
0
5
10
15
20
25
time in hours from 0 UT 2018181


egs_5_conv_temp (C)
27
26
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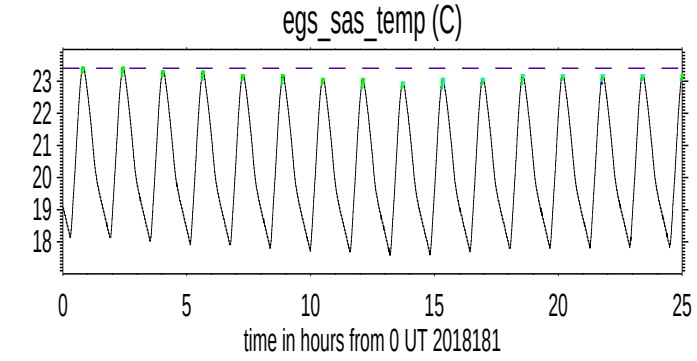
23
0
5
10
15
20
25
time in hours from 0 UT 2018181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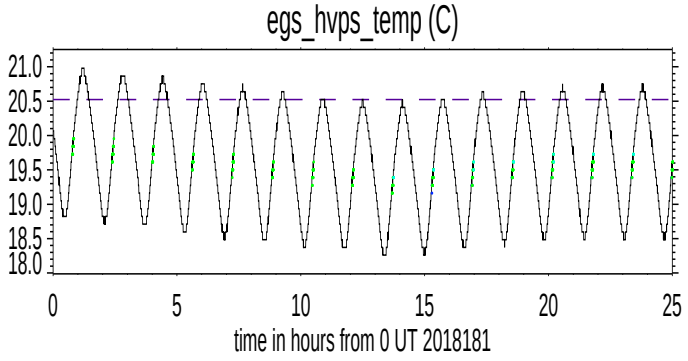
23
22
21
20
19
18
0
5
10
15
20
25
time in hours from 0 UT 2018181


egs_hvps_temp (C)
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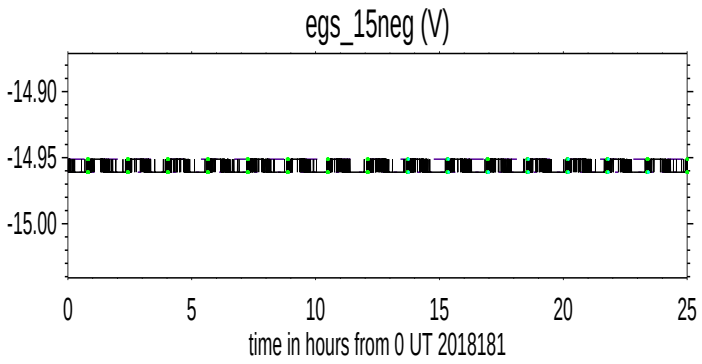
20.0
19.5
19.0
18.5
18.0
0
5
10
15
20
25
time in hours from 0 UT 2018181


egs_15neg (V)
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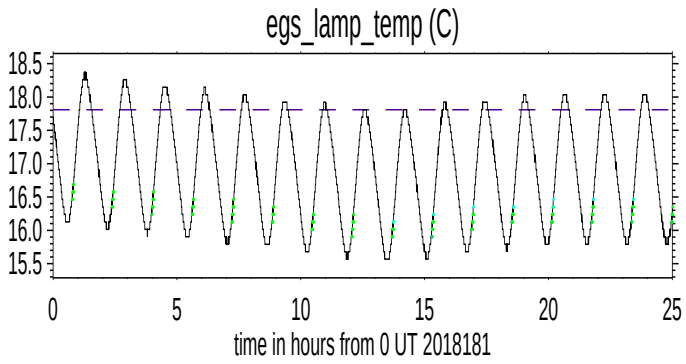
-14.95
-15.00
0
5
10
15
20
25
time in hours from 0 UT 2018181


egs_lamp_temp (C)
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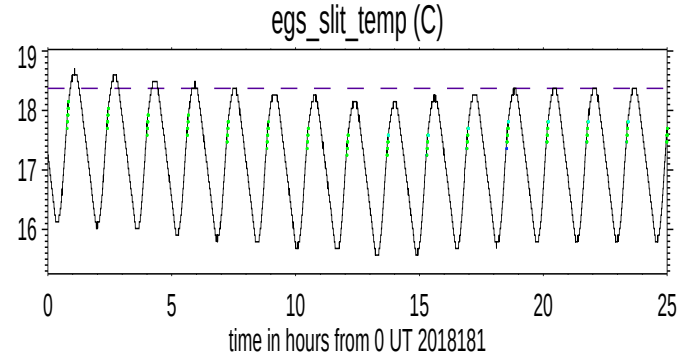
17.0
16.5
16.0
15.5
0
5
10
15
20
25
time in hours from 0 UT 2018181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18
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16
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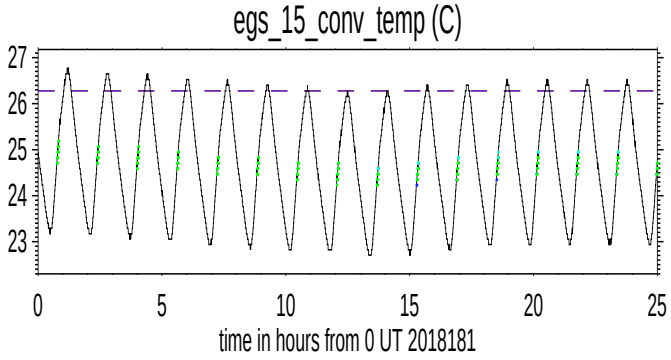
5
10
15
20
25
time in hours from 0 UT 2018181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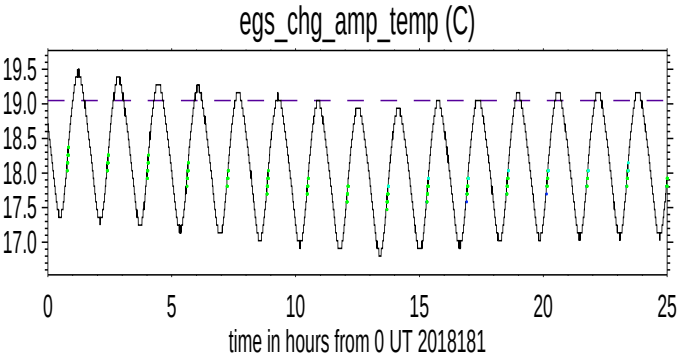
25
24
23
0
5
10
15
20
25
time in hours from 0 UT 2018181


egs_chg_amp_temp (C)
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18.0
17.5
17.0
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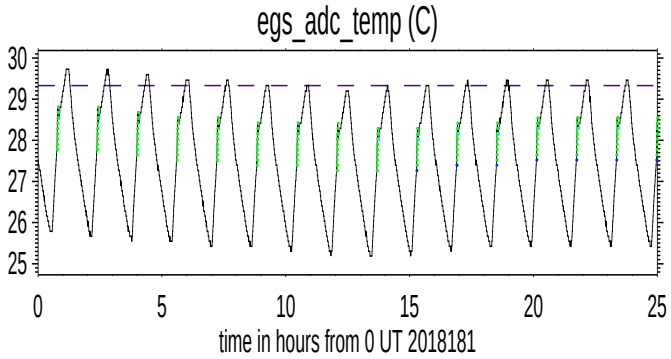
5
10
15
20
25
time in hours from 0 UT 2018181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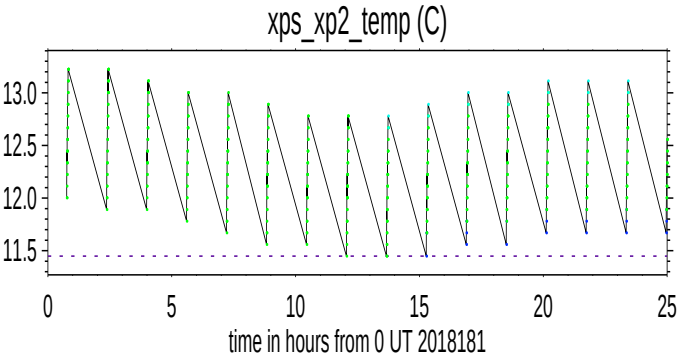
29
28
27
26
25
0
5
10
15
20
25
time in hours from 0 UT 2018181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12.0
11.5
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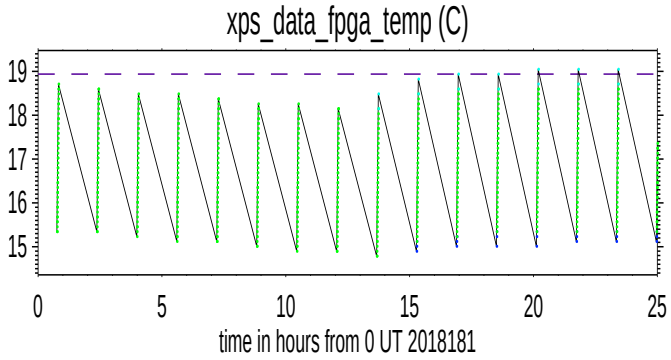
5
10
15
20
25
time in hours from 0 UT 2018181


xps_data_fpga_temp (C)
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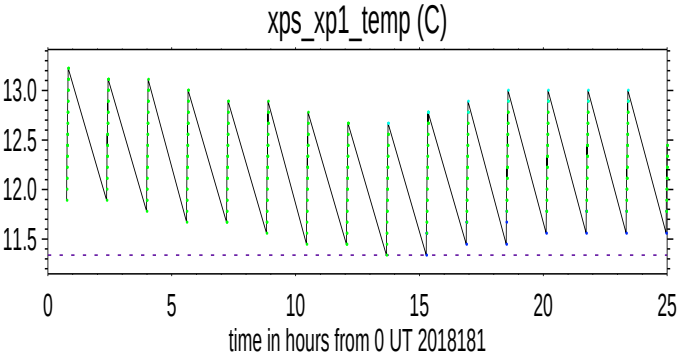
16
15
0
5
10
15
20
25
time in hours from 0 UT 2018181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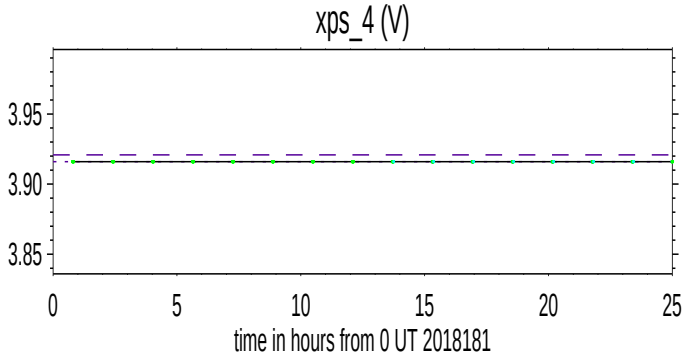
5
10
15
20
25
time in hours from 0 UT 2018181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3.90
3.85
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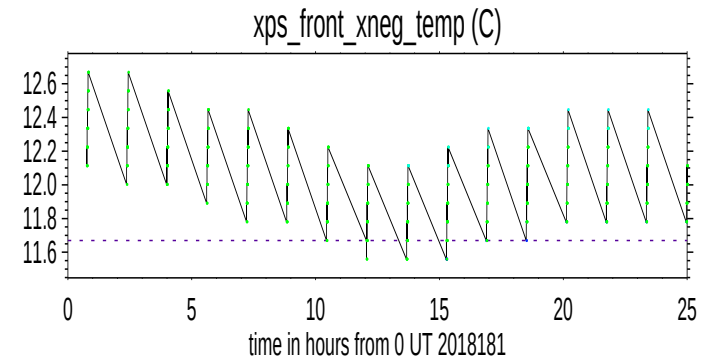
5
10
15
20
25
time in hours from 0 UT 2018181


xps_front_xneg_temp (C)
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12.2
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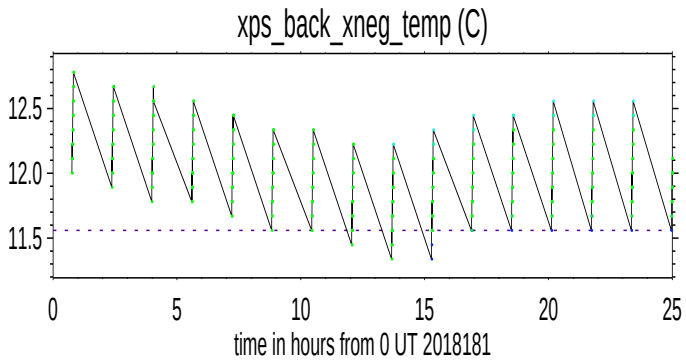
11.8
11.6
0
5
10
15
20
25
time in hours from 0 UT 2018181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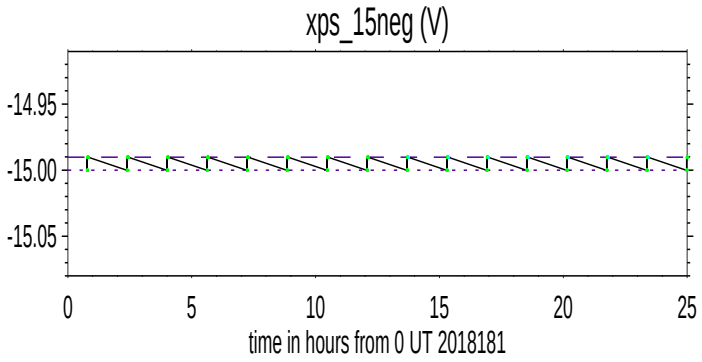
12.0
11.5
0
5
10
15
20
25
time in hours from 0 UT 2018181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15
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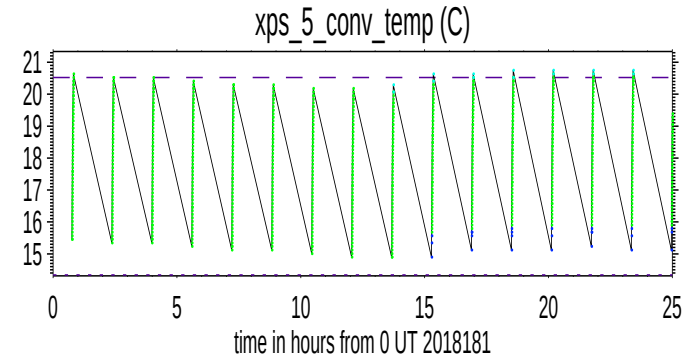
25
time in hours from 0 UT 2018181


xps_5_conv_temp (C)
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16
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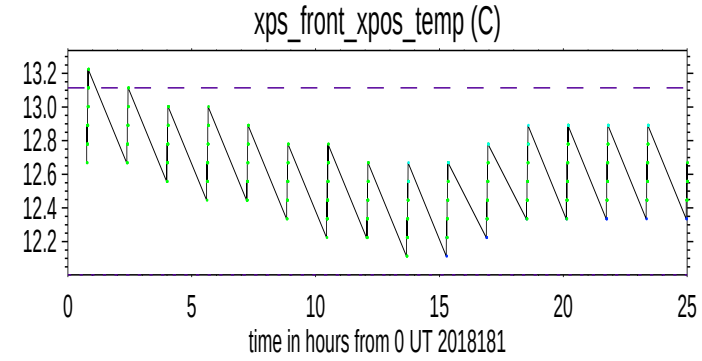
10
15
20
25
time in hours from 0 UT 2018181


xps_front_xpos_temp (C)
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12.8
12.6
12.4
12.2
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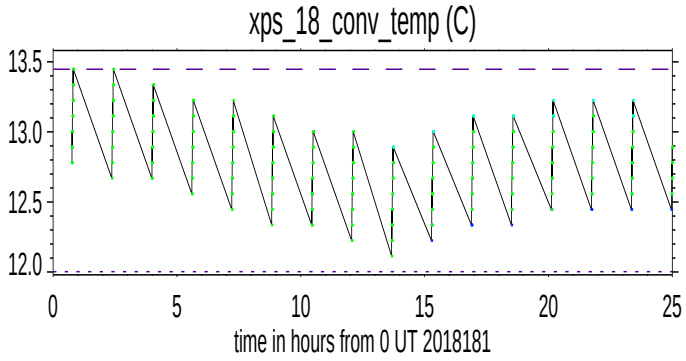
10
15
20
25
time in hours from 0 UT 2018181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12.5
12.0
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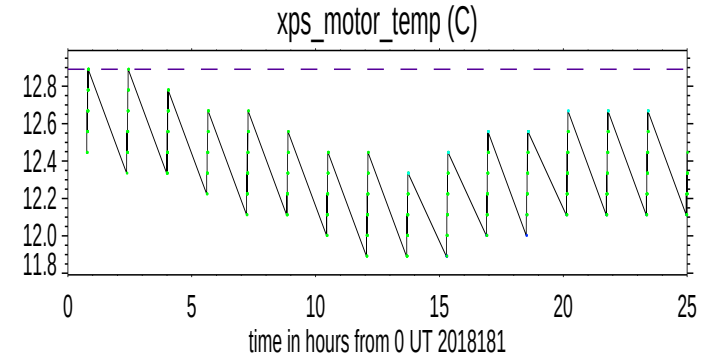
5
10
15
20
25
time in hours from 0 UT 2018181


xps_motor_temp (C)
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12.4
12.2
12.0
11.8
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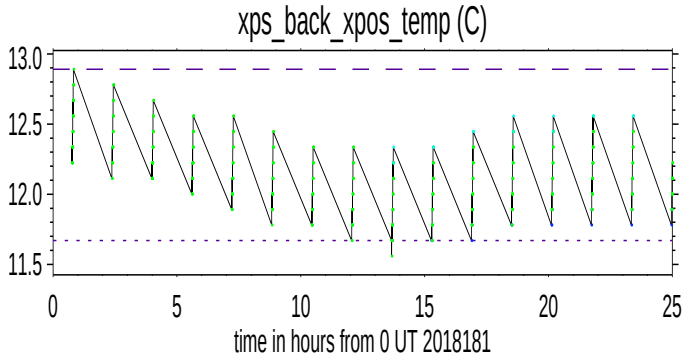
time in hours from 0 UT 2018181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12.0
11.5
0
5
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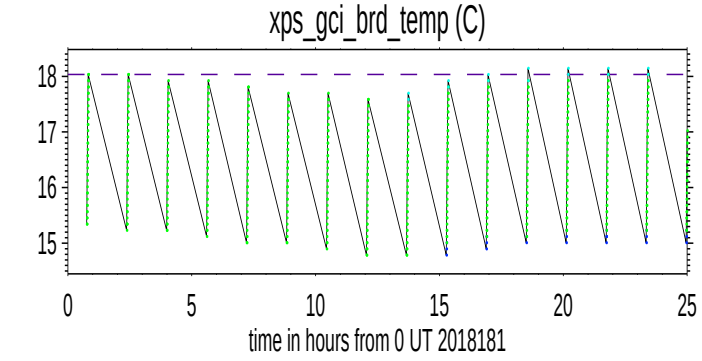
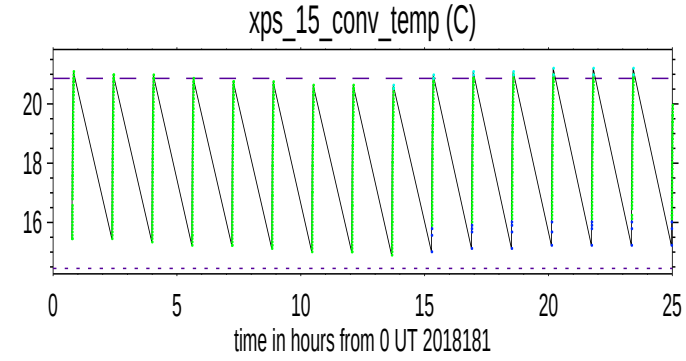
25
time in hours from 0 UT 2018181


xps_gci_brd_temp (C)
18
17
16
15
0
5
10
15
20
25
time in hours from 0 UT 2018181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16
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5
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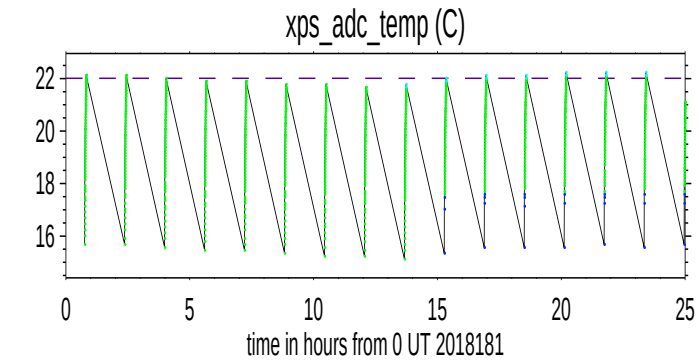
15
20
25
time in hours from 0 UT 2018181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0
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15
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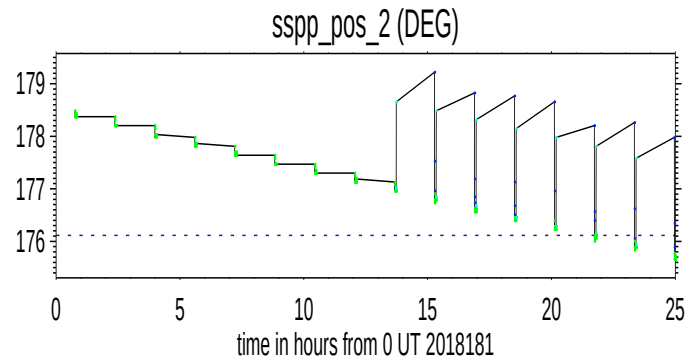
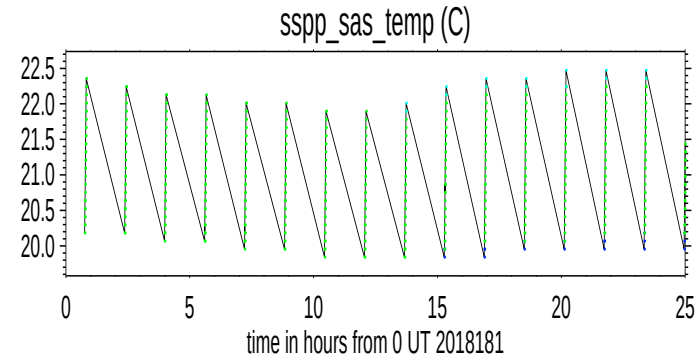
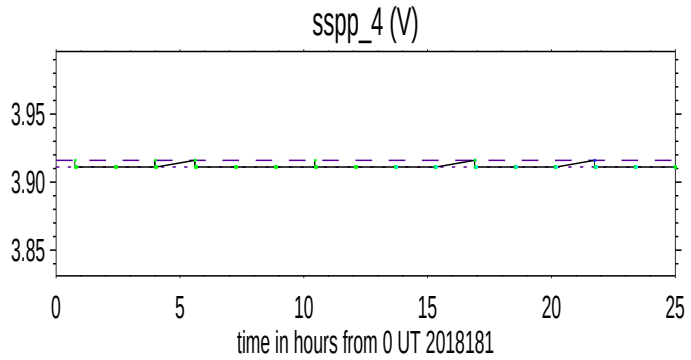
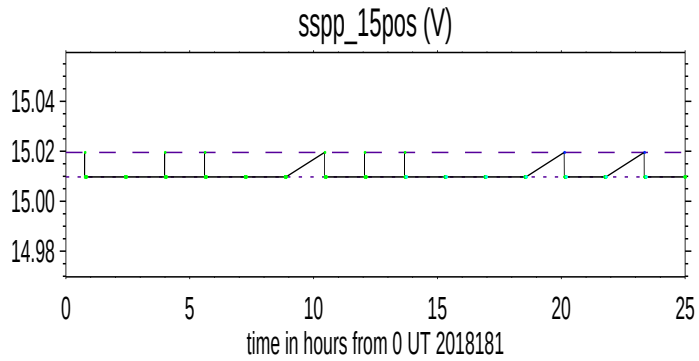
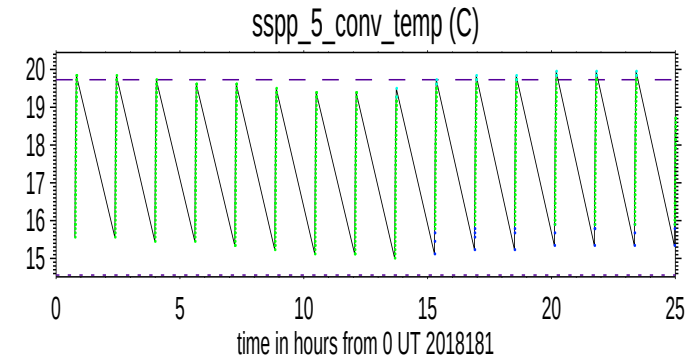
25
time in hours from 0 UT 2018181

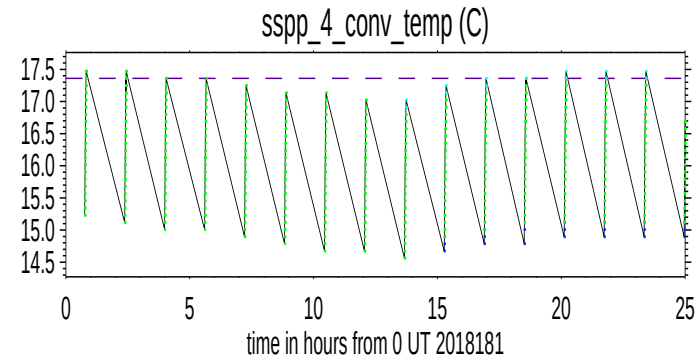

sspp_pos_2 (DEG)
179
178
177
176
0
5
10
15
20
25
time in hours from 0 UT 2018181

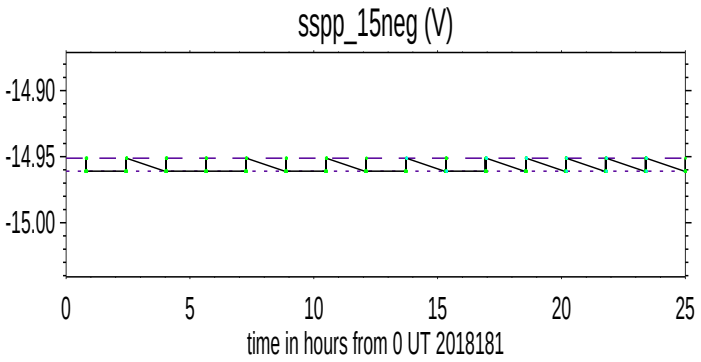

sspp_sas_temp (C)
22.5
22.0
21.5
21.0
20.5
20.0
0
5
10
15
20
25
time in hours from 0 UT 2018181

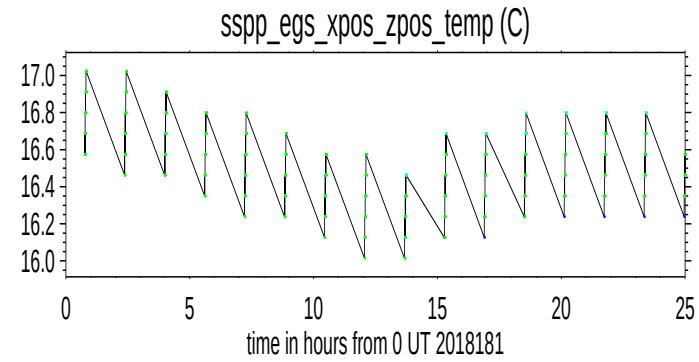

sspp_4 (V)
3.95
3.90
3.85
0
5
10
15
20
25
time in hours from 0 UT 2018181

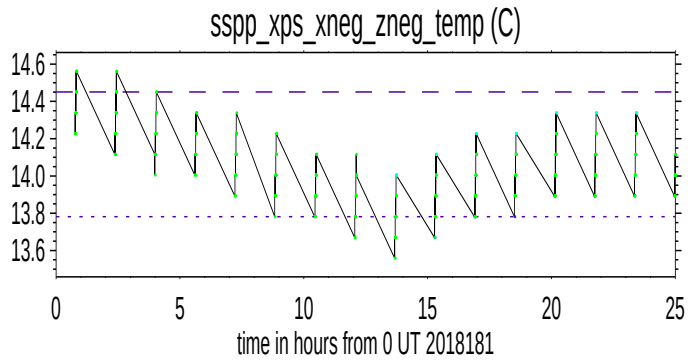

sspp_15pos (V)
15.04
15.02
15.00
14.98
0
5
10
15
20
25
time in hours from 0 UT 2018181

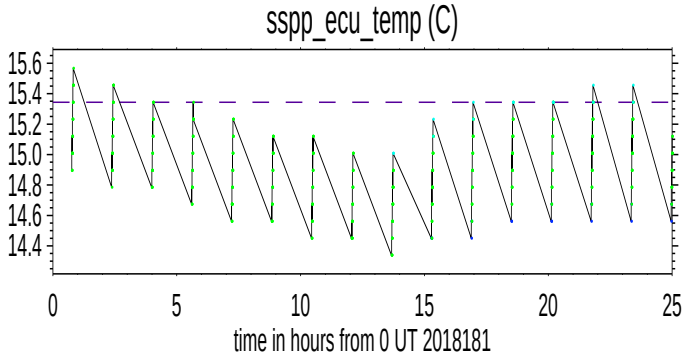

sspp_5_conv_temp (C)
20
19
18
17
16
15
0
5
10
15
20
25
time in hours from 0 UT 2018181

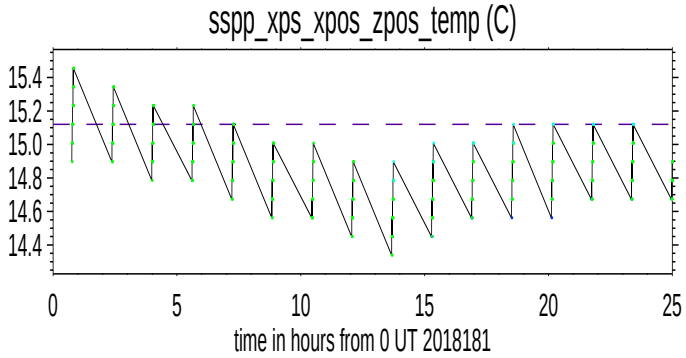

sspp_4_conv_temp (C)
17.5
17.0
16.5
16.0
15.5
15.0
14.5
0
5
10
15
20
25
time in hours from 0 UT 2018181

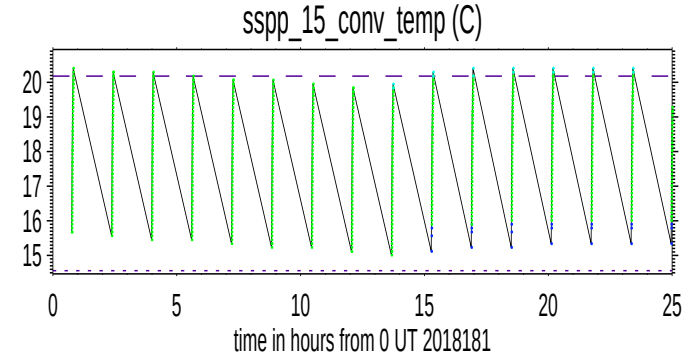

sspp_15neg (V)
-14.90
-14.95
-15.00
0
5
10
15
20
25
time in hours from 0 UT 2018181

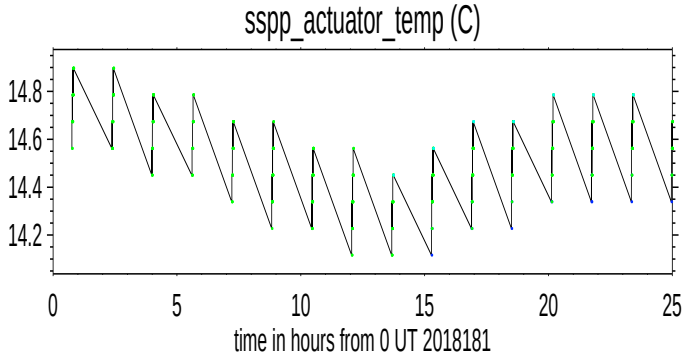

sspp_egs_xpos_zpos_temp (C)
17.0
16.8
16.6
16.4
16.2
16.0
0
5
10
15
20
25
time in hours from 0 UT 2018181

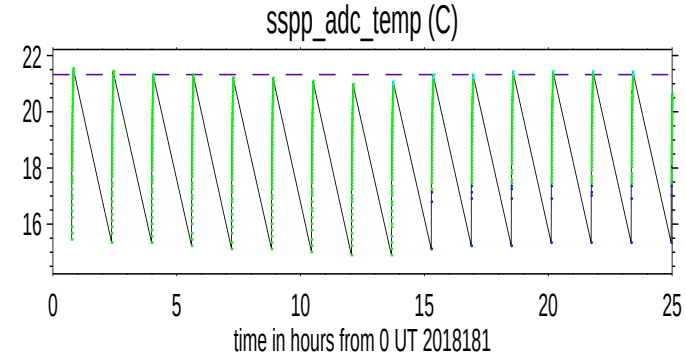

sspp_xps_xneg_zneg_temp (C)
14.6
14.4
14.2
14.0
13.8
13.6
0
5
10
15
20
25
time in hours from 0 UT 2018181

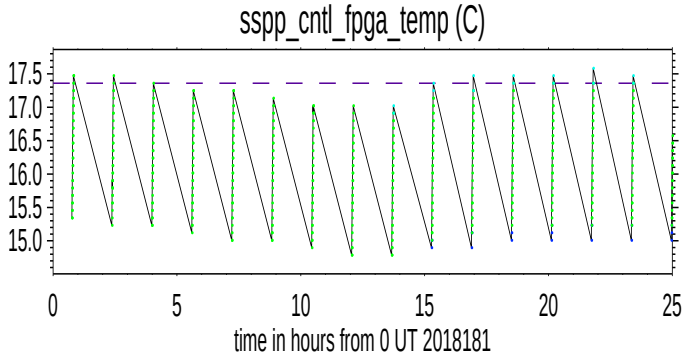

sspp_ecu_temp (C)
15.6
15.4
15.2
15.0
14.8
14.6
14.4
0
5
10
15
20
25
time in hours from 0 UT 2018181

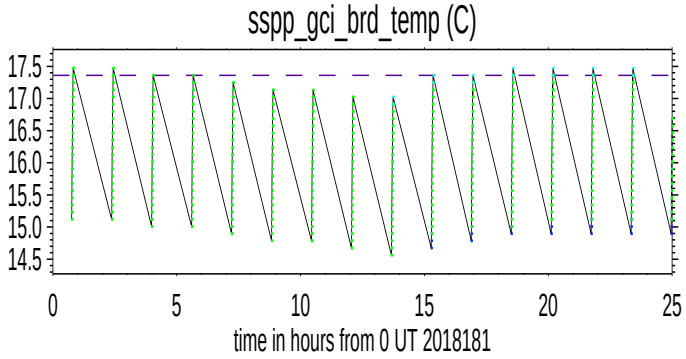

sspp_xps_xpos_zpos_temp (C)
15.4
15.2
15.0
14.8
14.6
14.4
0
5
10
15
20
25
time in hours from 0 UT 2018181

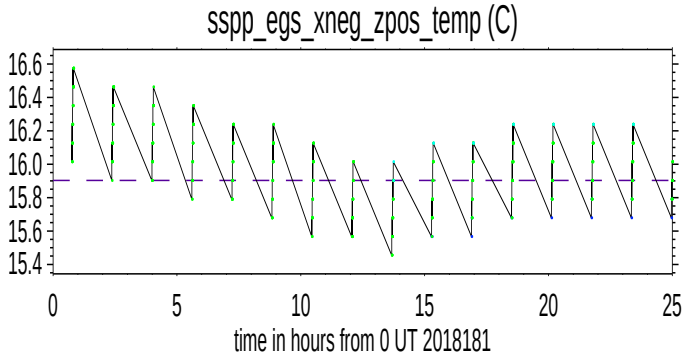

sspp_15_conv_temp (C)
20
19
18
17
16
15
0
5
10
15
20
25
time in hours from 0 UT 2018181

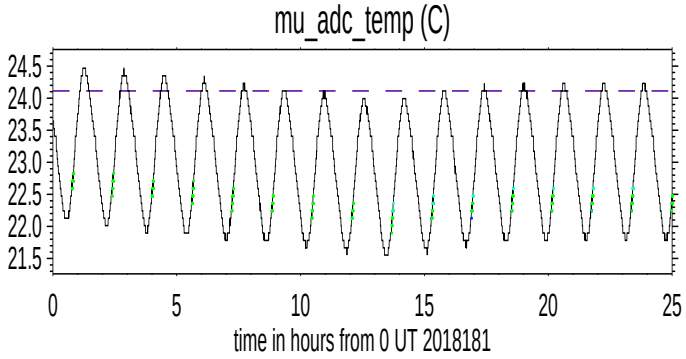

sspp_actuator_temp (C)
14.8
14.6
14.4
14.2
0
5
10
15
20
25
time in hours from 0 UT 2018181

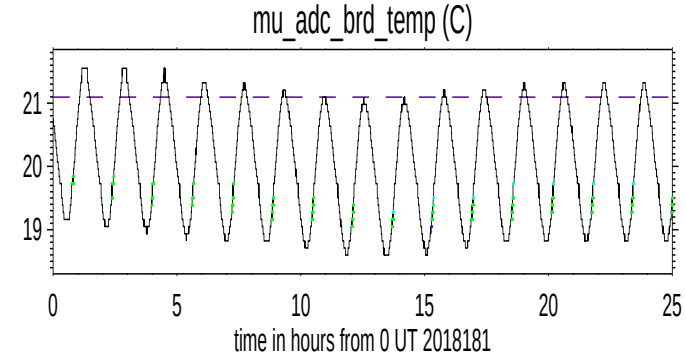

sspp_adc_temp (C)
22
20
18
16
0
5
10
15
20
25
time in hours from 0 UT 2018181

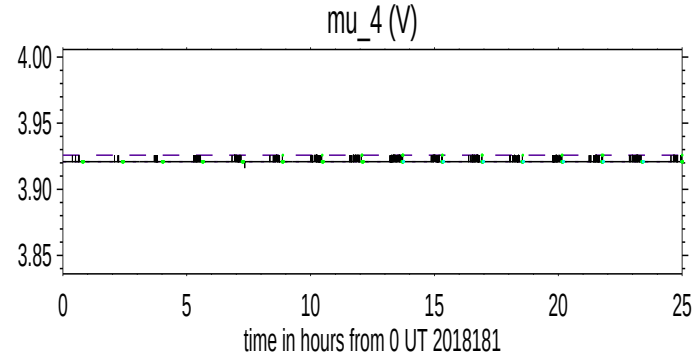

sspp_cntl_fpga_temp (C)
17.5
17.0
16.5
16.0
15.5
15.0
0
5
10
15
20
25
time in hours from 0 UT 2018181

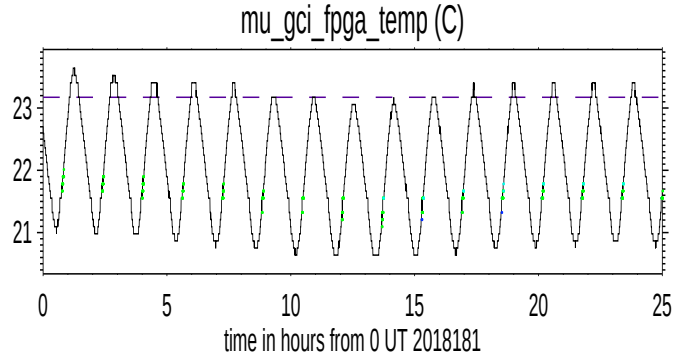

sspp_gci_brd_temp (C)
17.5
17.0
16.5
16.0
15.5
15.0
14.5
0
5
10
15
20
25
time in hours from 0 UT 2018181

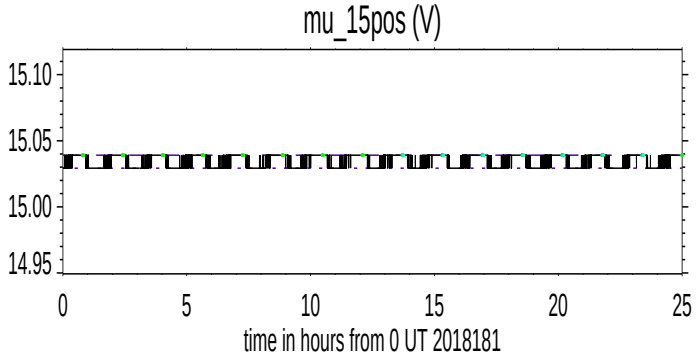

sspp_egs_xneg_zpos_temp (C)
16.6
16.4
16.2
16.0
15.8
15.6
15.4
0
5
10
15
20
25
time in hours from 0 UT 2018181

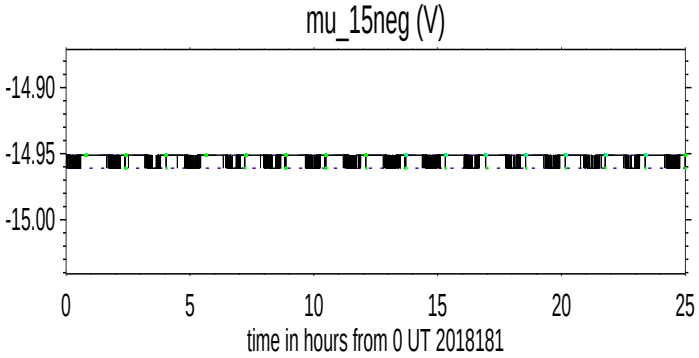

mu_adc_temp (C)
24.5
24.0
23.5
23.0
22.5
22.0
21.5
0
5
10
15
20
25
time in hours from 0 UT 2018181

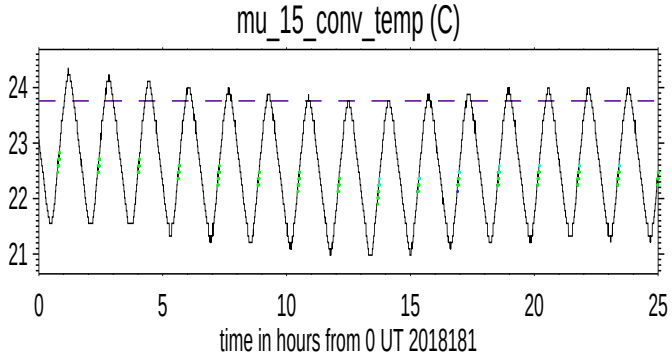

mu_adc_brd_temp (C)
21
20
19
0
5
10
15
20
25
time in hours from 0 UT 2018181

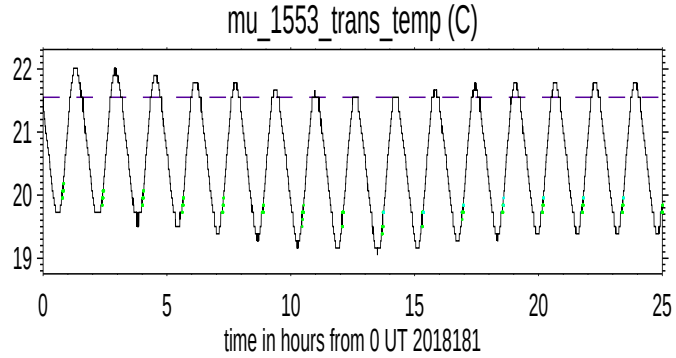

mu_4 (V)
4.00
3.95
3.90
3.85
0
5
10
15
20
25
time in hours from 0 UT 2018181

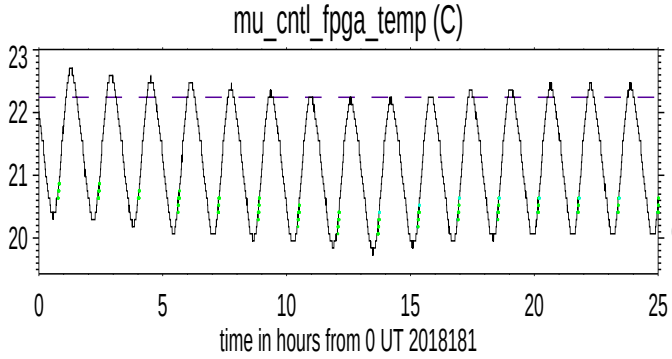

mu_gci_fpga_temp (C)
23
22
21
0
5
10
15
20
25
time in hours from 0 UT 2018181

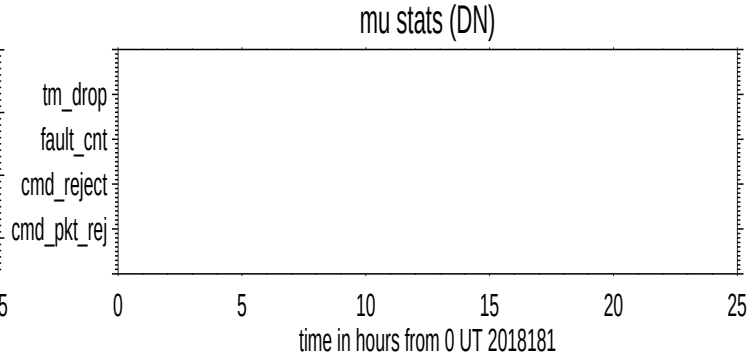

mu_15pos (V)
15.10
15.05
15.00
14.95
0
5
10
15
20
25
time in hours from 0 UT 2018181

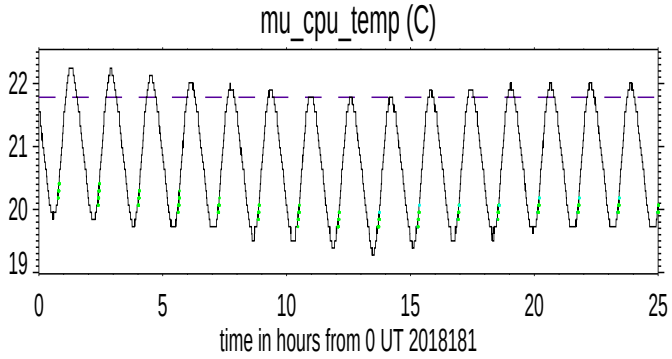

mu_15neg (V)
-14.90
-14.95
-15.00
0
5
10
15
20
25
time in hours from 0 UT 2018181

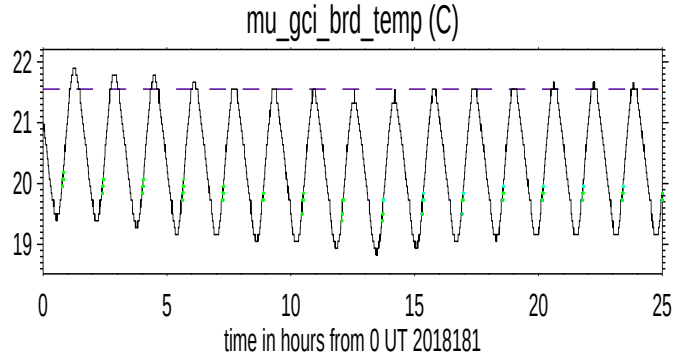

mu_15_conv_temp (C)
24
23
22
21
0
5
10
15
20
25
time in hours from 0 UT 2018181

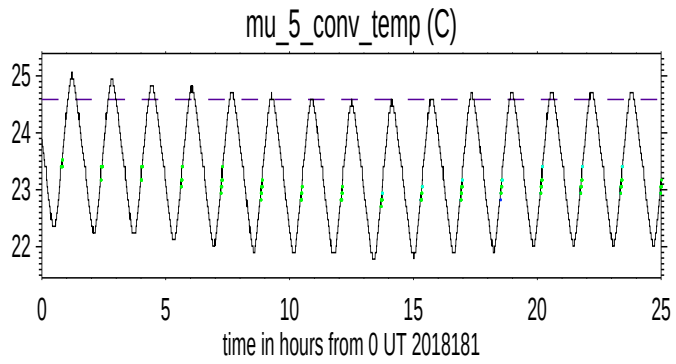

mu_1553_trans_temp (C)
22
21
20
19
0
5
10
15
20
25
time in hours from 0 UT 2018181

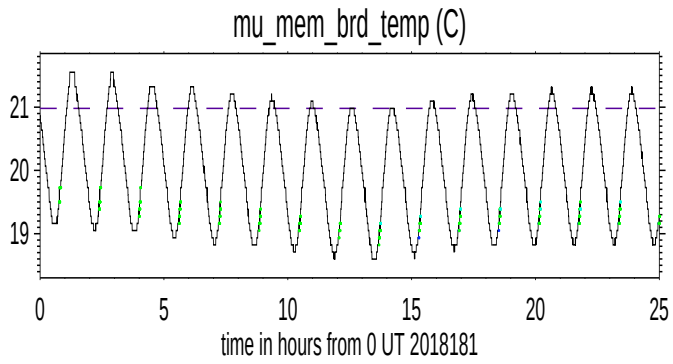

mu_cntl_fpga_temp (C)
23
22
21
20
0
5
10
15
20
25
time in hours from 0 UT 2018181

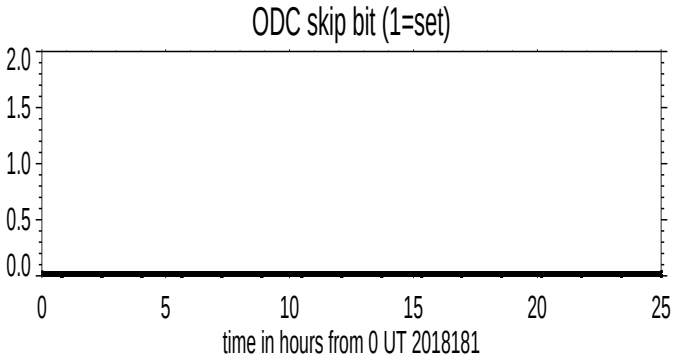

mu stats (DN)
tm_drop
fault_cnt
cmd_reject
cmd_pkt_rej
0
5
10
15
20
25
time in hours from 0 UT 2018181

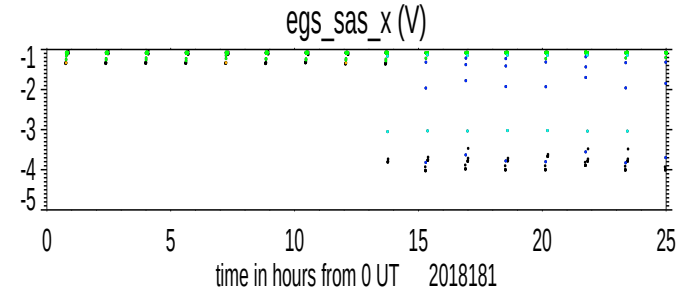

mu_cpu_temp (C)
22
21
20
19
0
5
10
15
20
25
time in hours from 0 UT 2018181

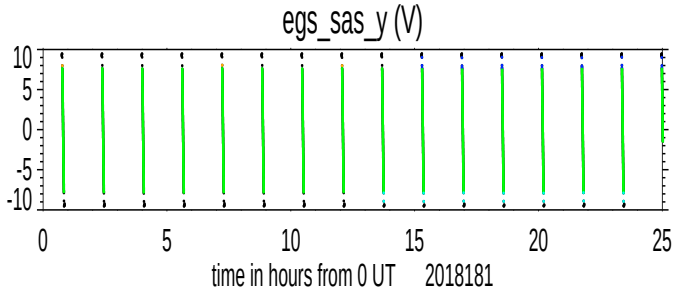

mu_gci_brd_temp (C)
22
21
20
19
0
5
10
15
20
25
time in hours from 0 UT 2018181

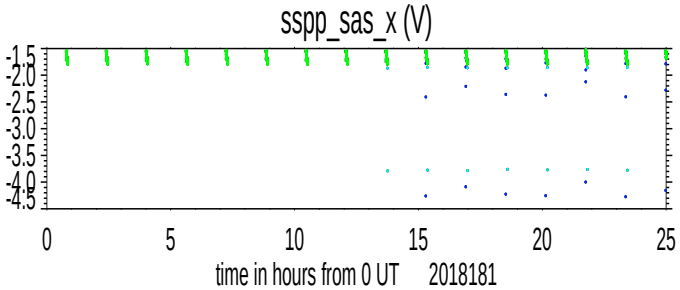

mu_5_conv_temp (C)
25
24
23
22
0
5
10
15
20
25
time in hours from 0 UT 2018181

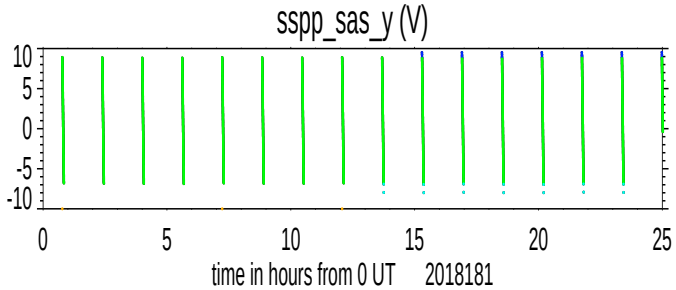

mu_mem_brd_temp (C)
21
20
19
0
5
10
15
20
25
time in hours from 0 UT 2018181

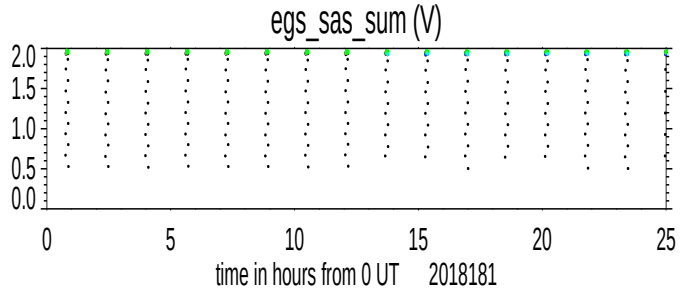

ODC skip bit (1=set)
2.0
1.5
1.0
0.5
0.0
0
5
10
15
20
25
time in hours from 0 UT 2018181

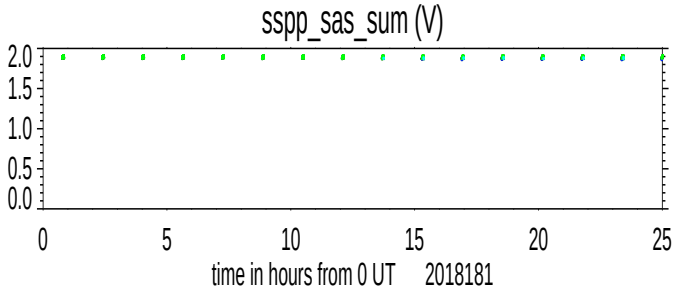

egs_sas_x (V)
-1
-2
-3
-4
-5
0
5
10
15
20
25
time in hours from 0 UT 2018181

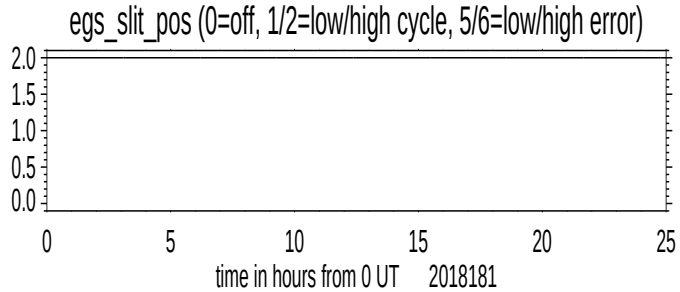

egs_sas_y (V)
10
5
0
-5
-10
0
5
10
15
20
25
time in hours from 0 UT 2018181

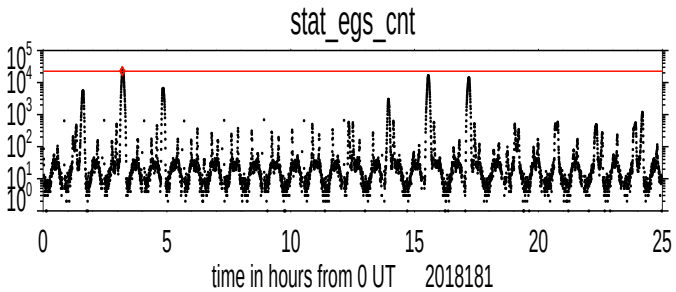

sspp_sas_x (V)
-1.5
-2.0
-2.5
-3.0
-3.5
-4.0
-4.5
0
5
10
15
20
25
time in hours from 0 UT 2018181

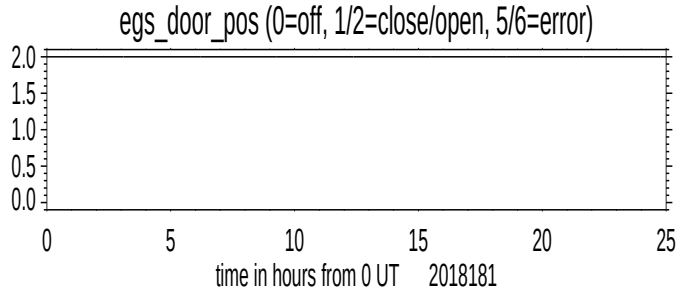

sspp_sas_y (V)
10
5
0
-5
-10
0
5
10
15
20
25
time in hours from 0 UT 2018181

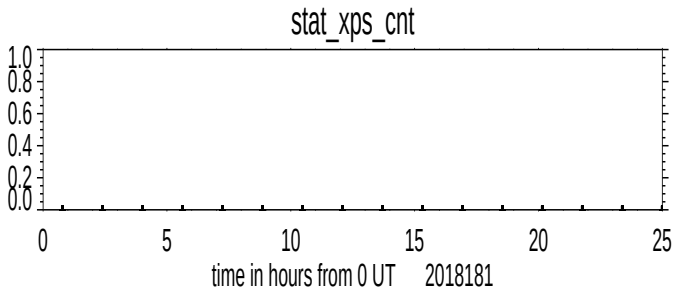

egs_sas_sum (V)
2.0
1.5
1.0
0.5
0.0
0
5
10
15
20
25
time in hours from 0 UT 2018181

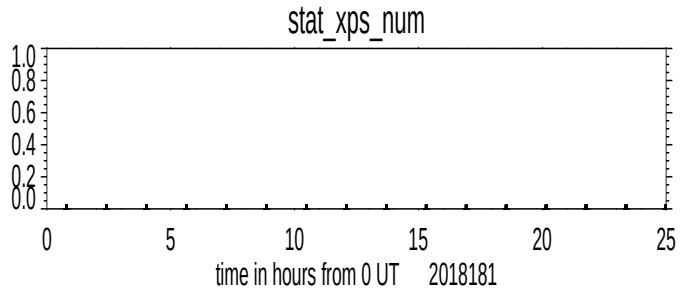

sspp_sas_sum (V)
2.0
1.5
1.0
0.5
0.0
0
5
10
15
20
25
time in hours from 0 UT 2018181

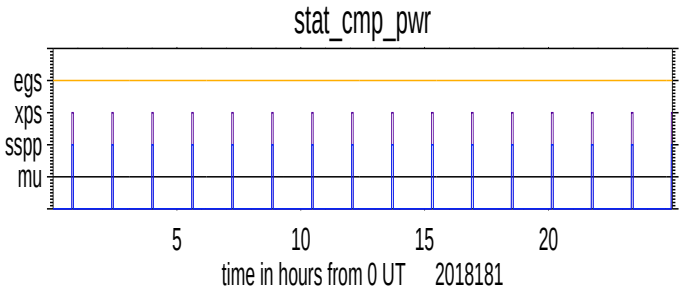

egs_slit_pos (0=off, 1/2=low/high cycle, 5/6=low/high error)
2.0
1.5
1.0
0.5
0.0
0
5
10
15
20
25
time in hours from 0 UT 2018181


stat_egs_cnt
10^5
10^4
10^3
10^2
10^1
10^0
0
5
10
15
20
25
time in hours from 0 UT 2018181

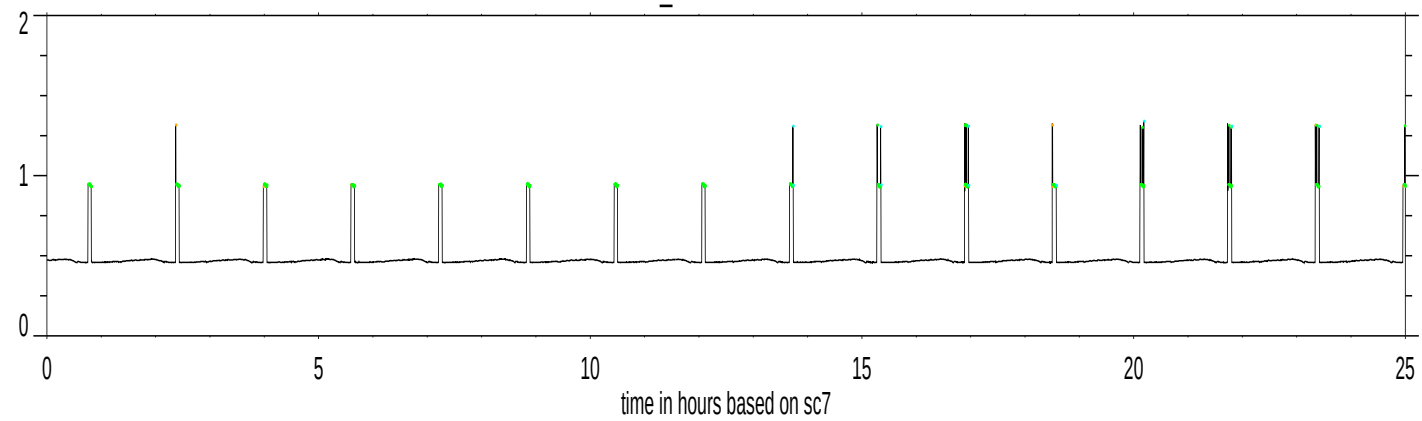

egs_door_pos (0=off, 1/2=close/open, 5/6=error)
2.0
1.5
1.0
0.5
0.0
0
5
10
15
20
25
time in hours from 0 UT 2018181


stat_xps_cnt
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
time in hours from 0 UT 2018181

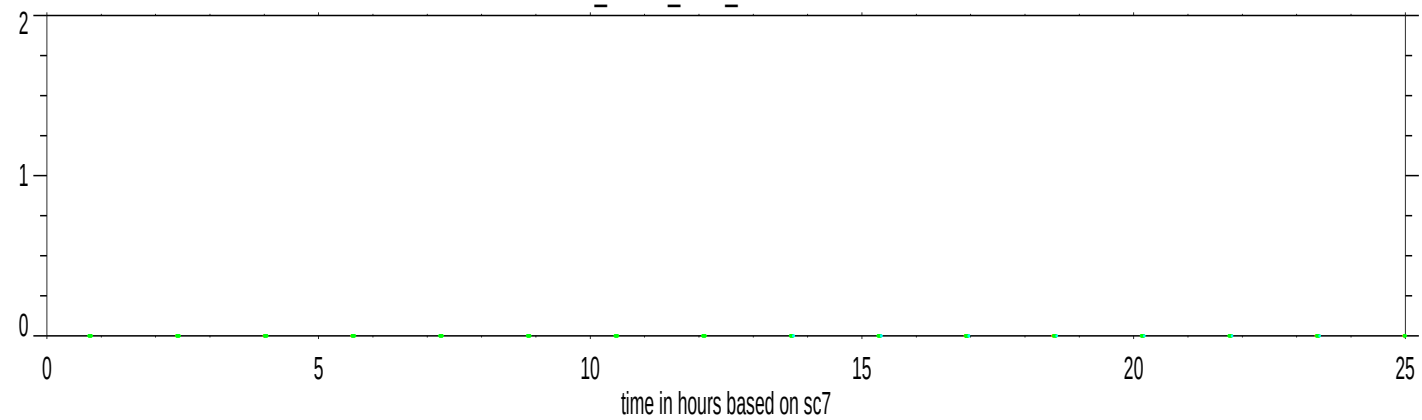

stat_xps_num
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
time in hours from 0 UT 2018181


stat_cmp_pwr
egs
xps
sspp
mu
5
10
15
20
time in hours from 0 UT 2018181

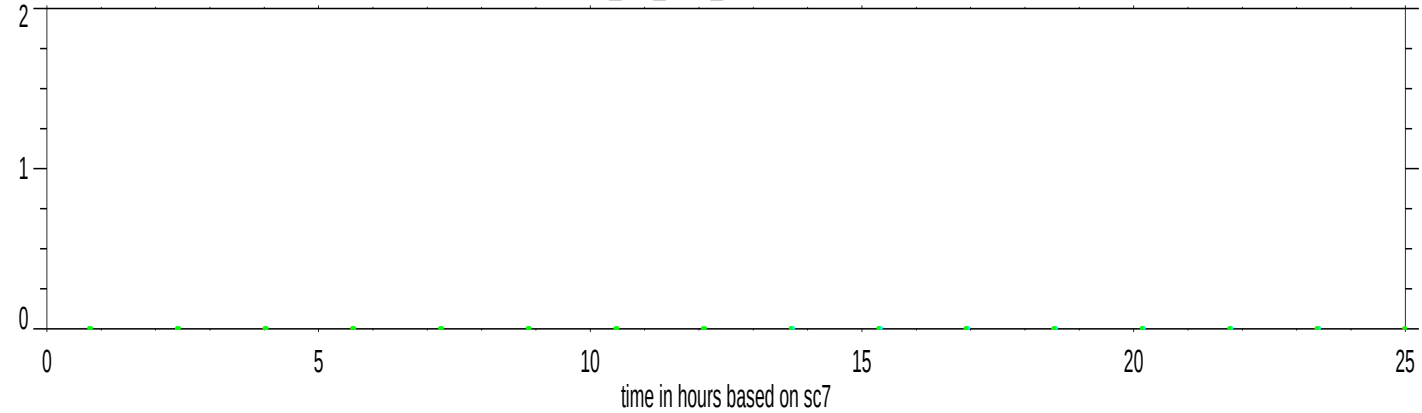
SEE_CUR 2018181



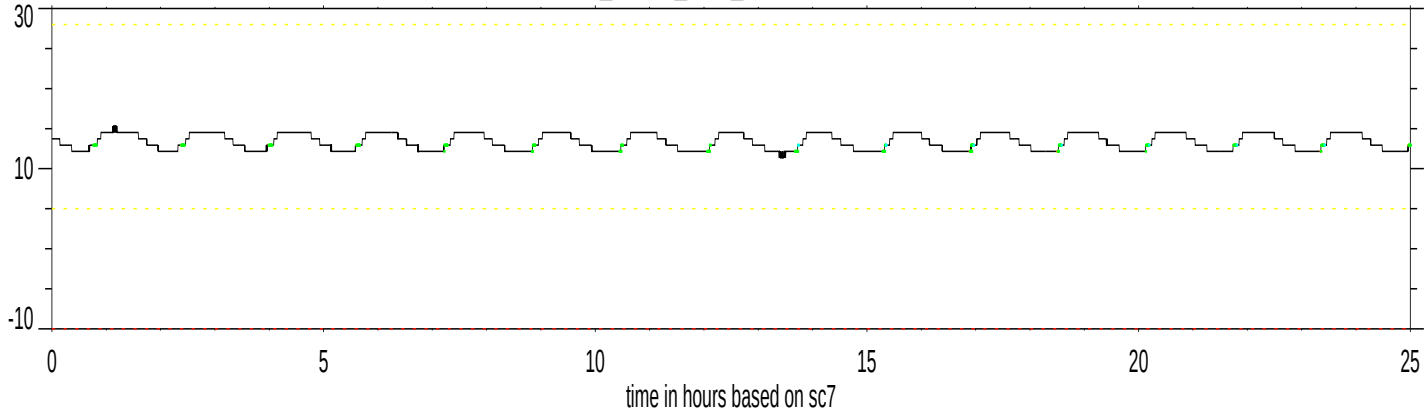
SEE_SURV_HTR_CUR 2018181



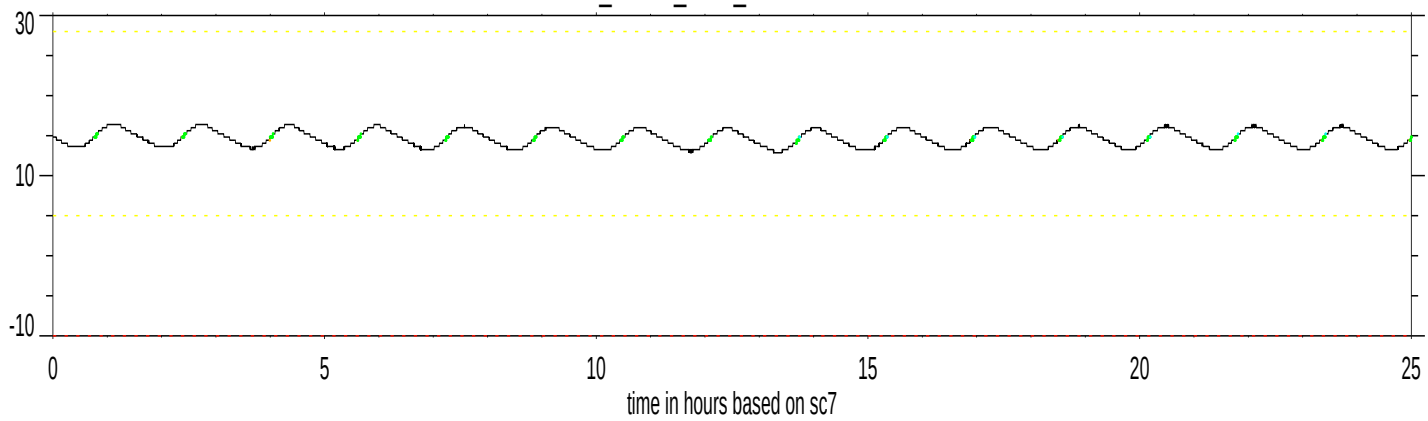
SEE_OP_HTR_CUR 2018181



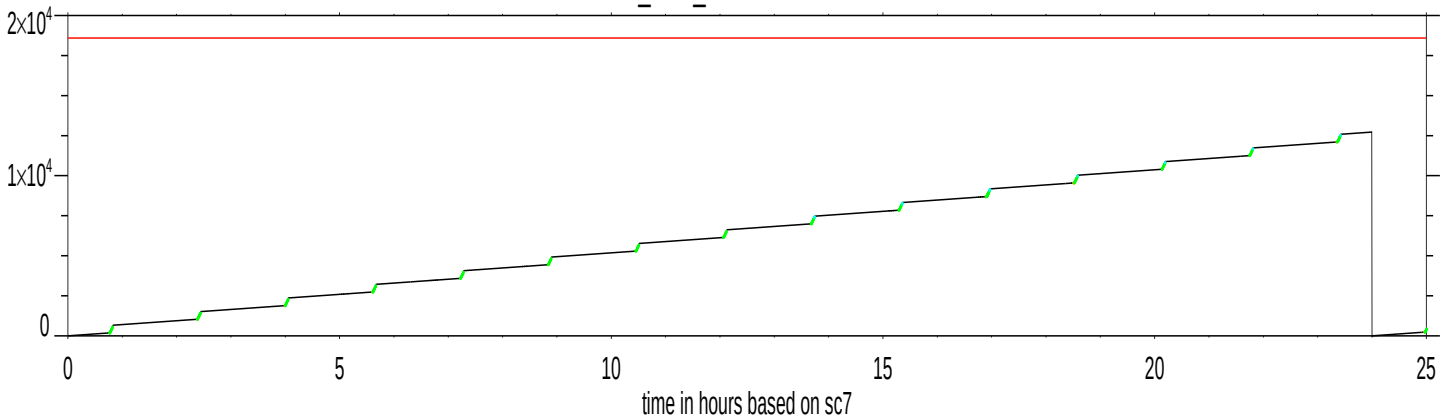
SSPP_BHND_XPS_TEMP 2018181



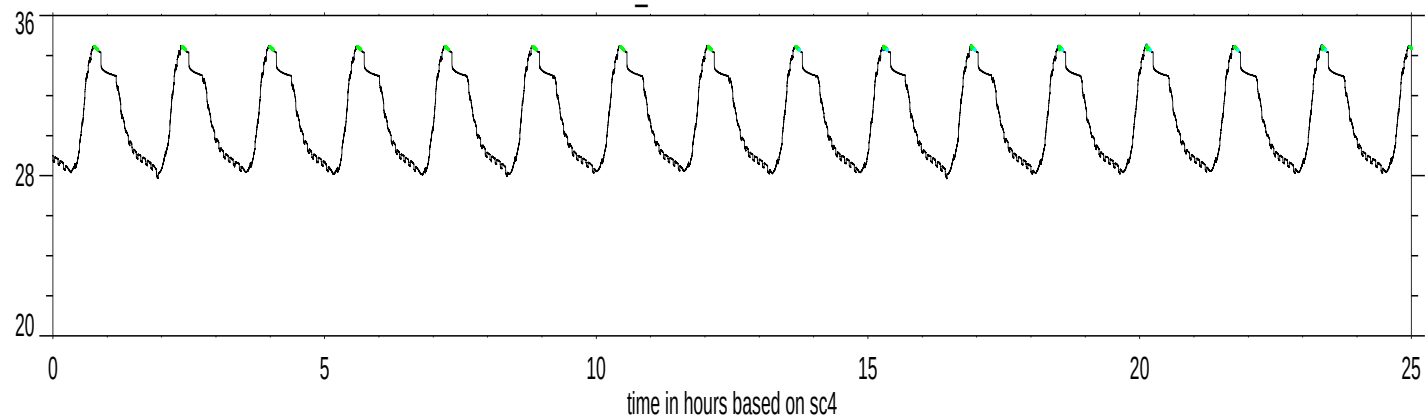
SSPP_BHND_MTR_TEMP 2018181



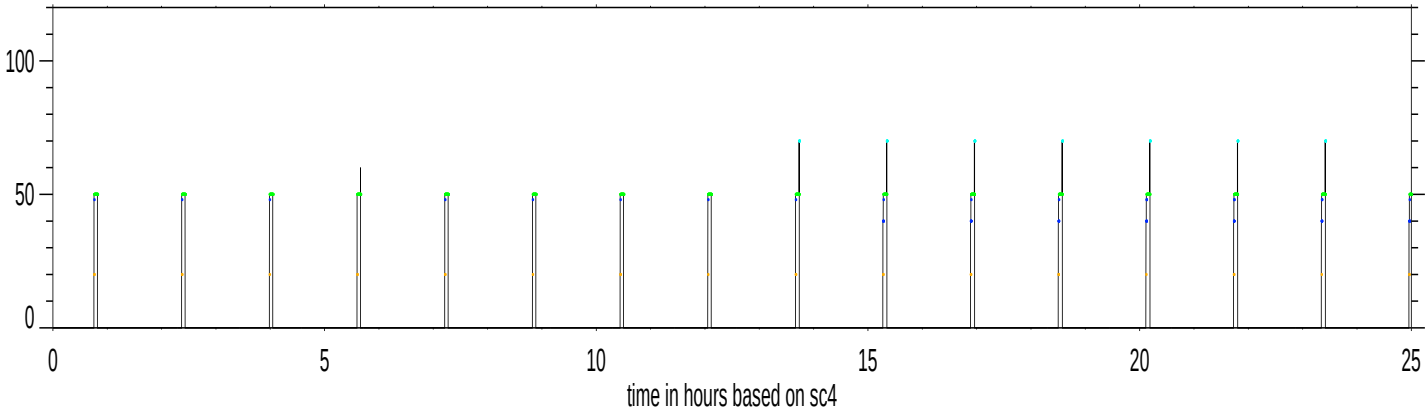
SEE_PKT_COUNT 2018181

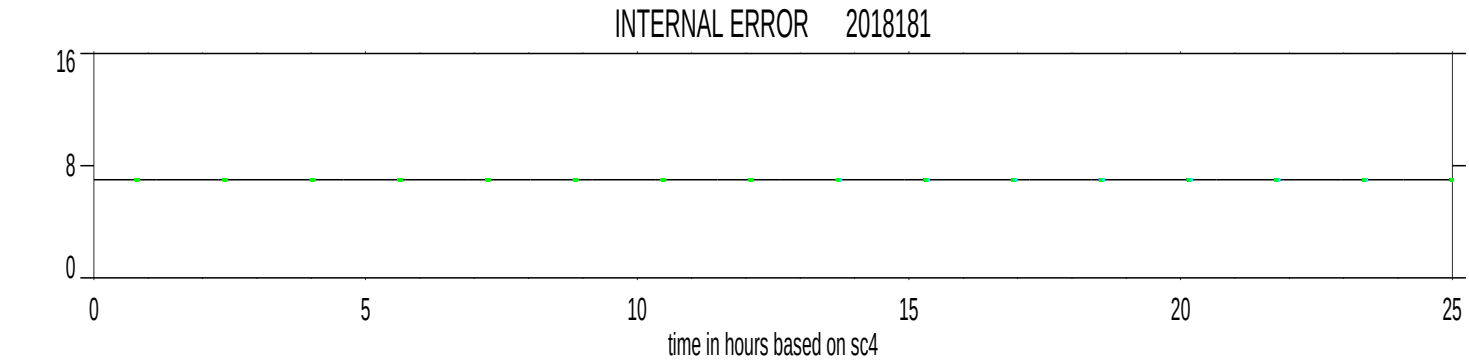


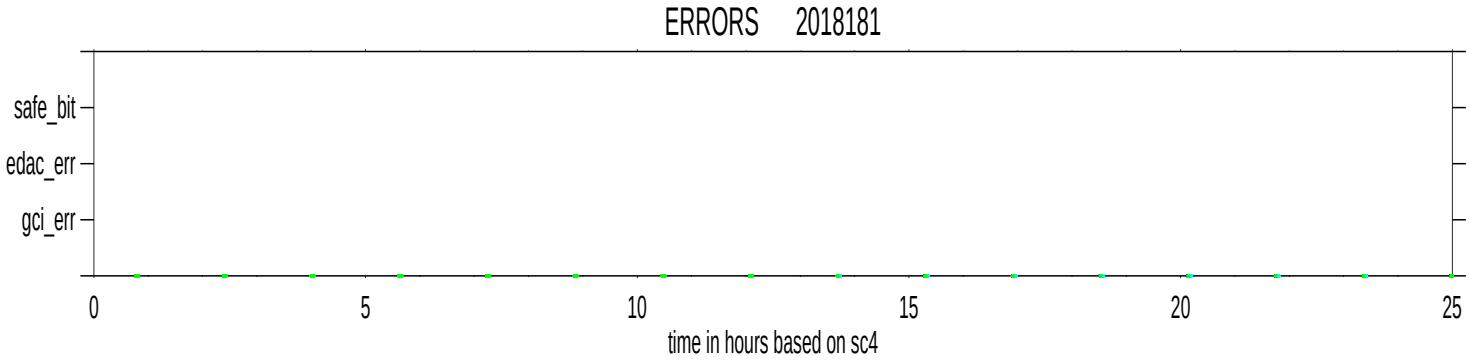
BUS_VOLTAGE 2018181

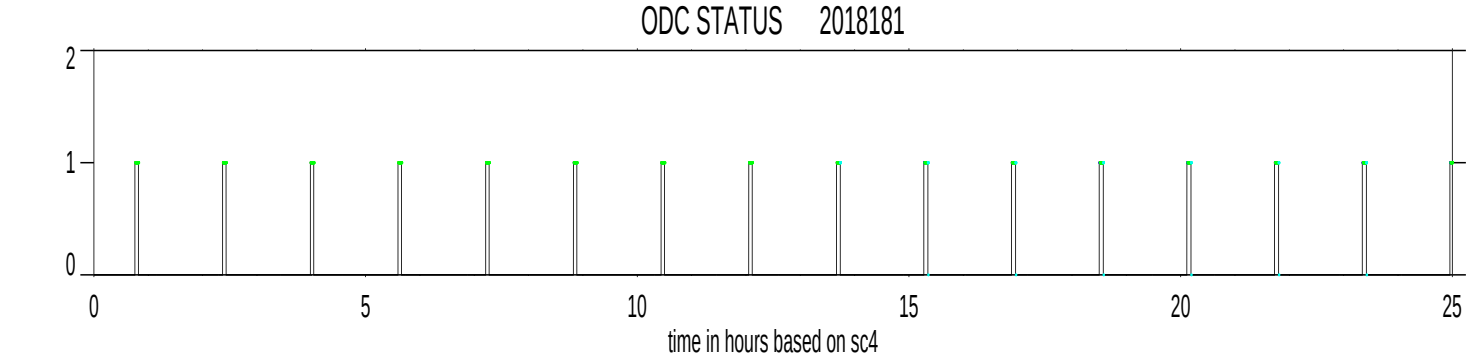


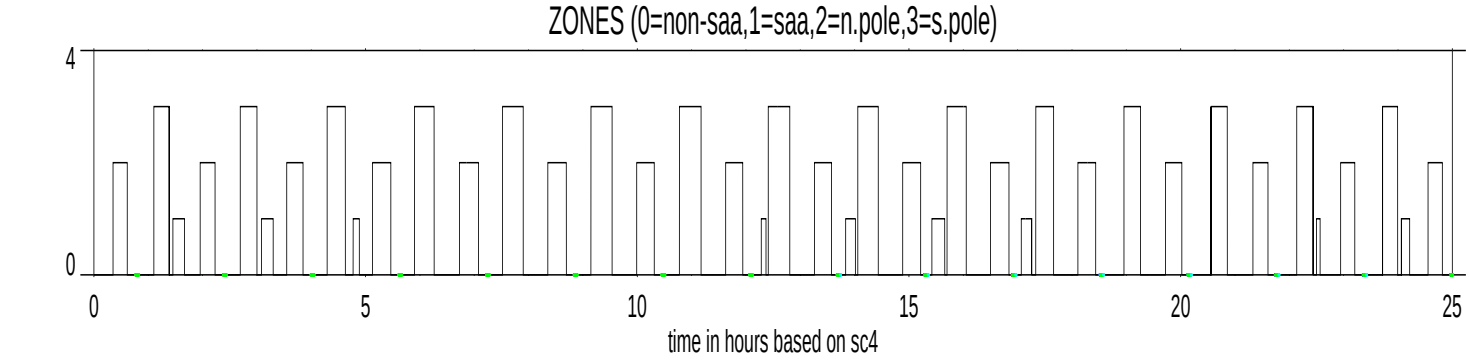
SEE_MU Operational Mode 2018181

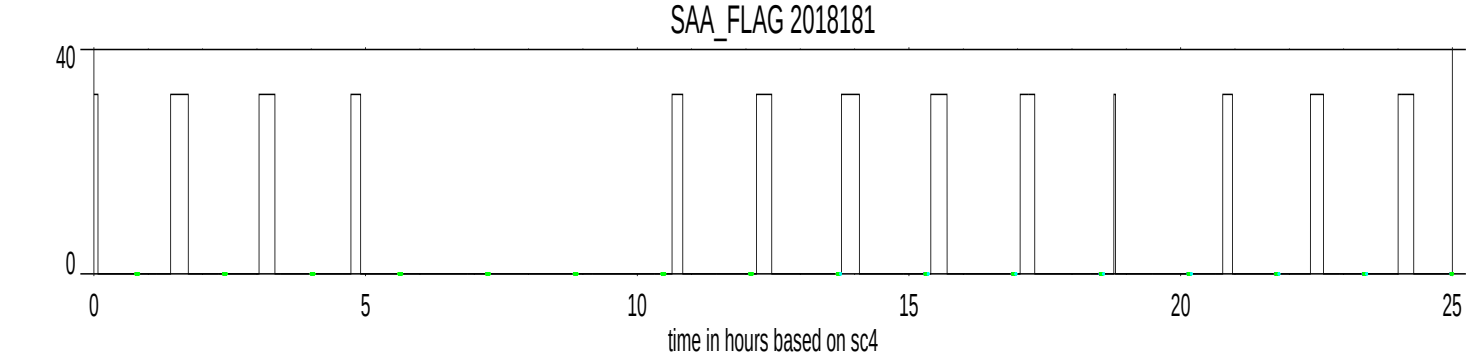


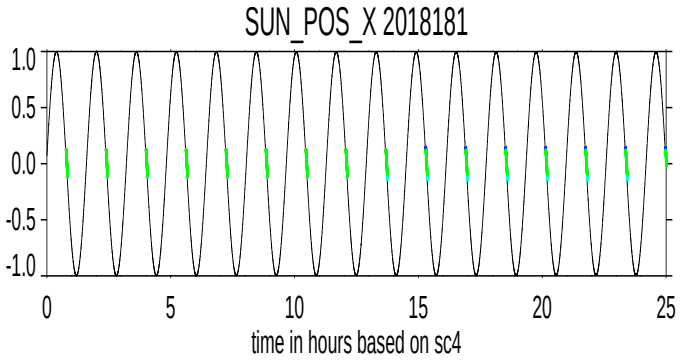

INTERNAL ERROR 2018181
16
8
0
0
5
10
15
20
25
time in hours based on sc4

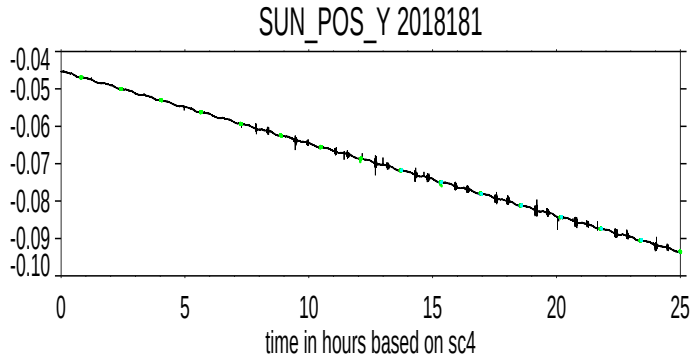

ERRORS 2018181
safe_bit
edac_err
gci_err
0
5
10
15
20
25
time in hours based on sc4

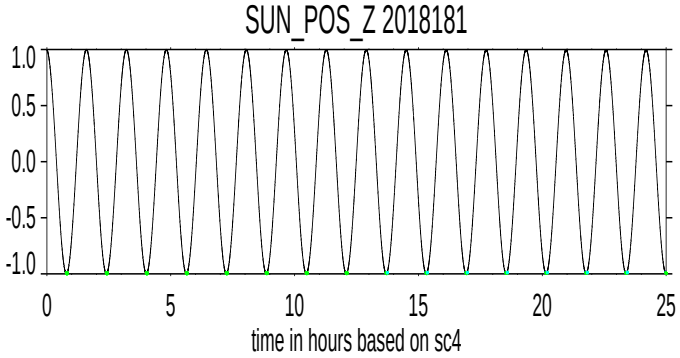

ODC STATUS 2018181
2
1
0
0
5
10
15
20
25
time in hours based on sc4

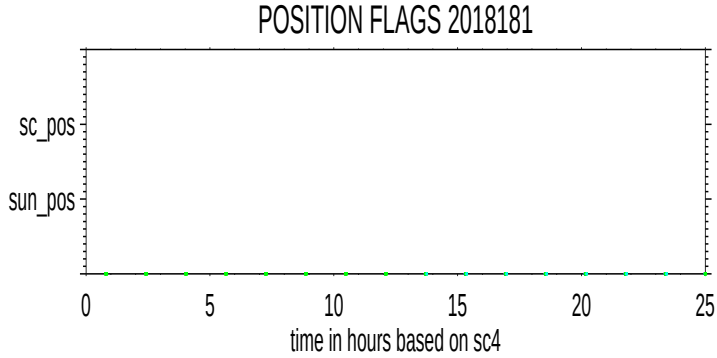

ZONES (0=non-saa,1=saa,2=n.pole,3=s.pole)
4
0
0
5
10
15
20
25
time in hours based on sc4

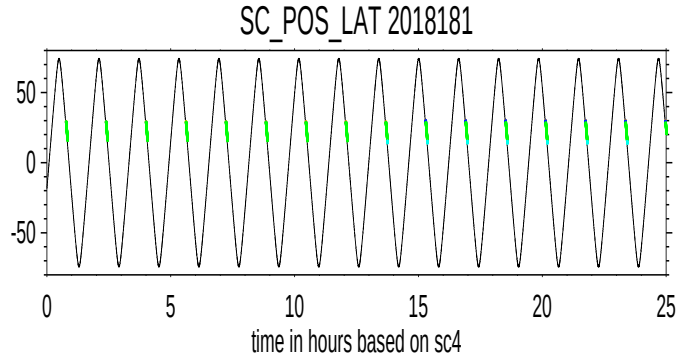

SAA_FLAG 2018181
40
0
0
5
10
15
20
25
time in hours based on sc4

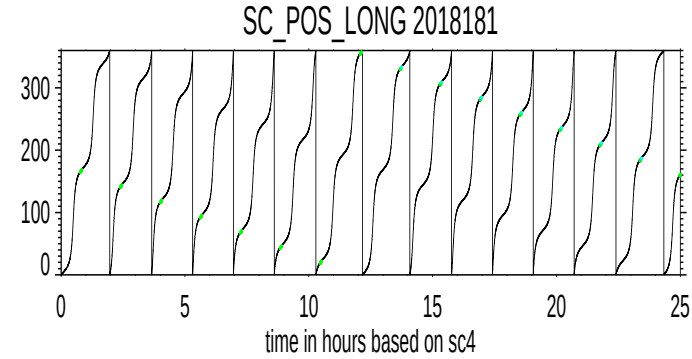

SUN_POS_X 2018181
1.0
0.5
0.0
-0.5
-1.0
0
5
10
15
20
25
time in hours based on sc4

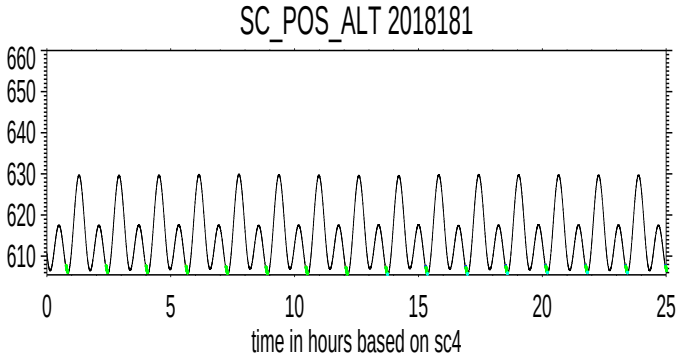

SUN_POS_Y 2018181
-0.04
-0.05
-0.06
-0.07
-0.08
-0.09
-0.10
0
5
10
15
20
25
time in hours based on sc4

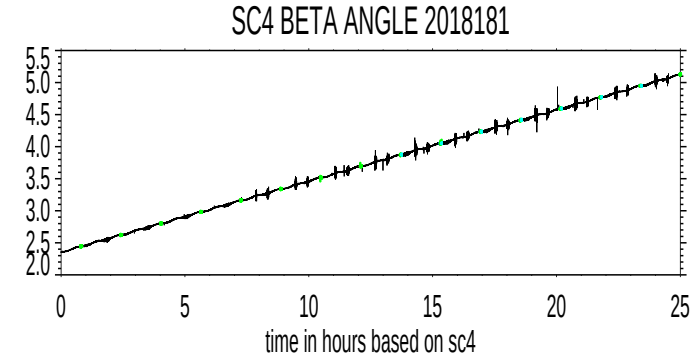

SUN_POS_Z 2018181
1.0
0.5
0.0
-0.5
-1.0
0
5
10
15
20
25
time in hours based on sc4


POSITION FLAGS 2018181
sc_pos
sun_pos
0
5
10
15
20
25
time in hours based on sc4


SC_POS_LAT 2018181
50
0
-50
0
5
10
15
20
25
time in hours based on sc4


SC_POS_LONG 2018181
300
200
100
0
0
5
10
15
20
25
time in hours based on sc4


SC_POS_ALT 2018181
660
650
640
630
620
610
0
5
10
15
20
25
time in hours based on sc4


SC4 BETA ANGLE 2018181
5.5
5.0
4.5
4.0
3.5
3.0
2.5
2.0
0
5
10
15
20
25
time in hours based on sc4