```
Information for      2018020
24:41:58.002: see_stat[1]: 6 internal error
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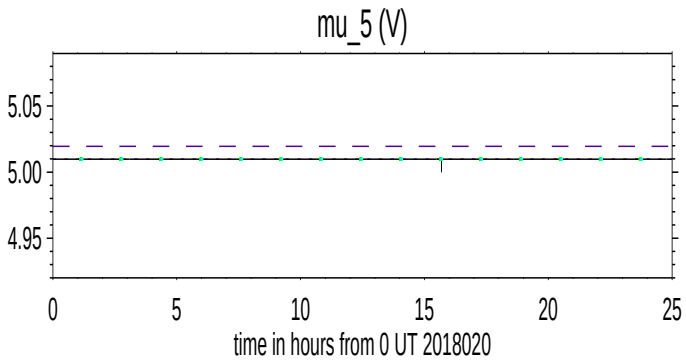
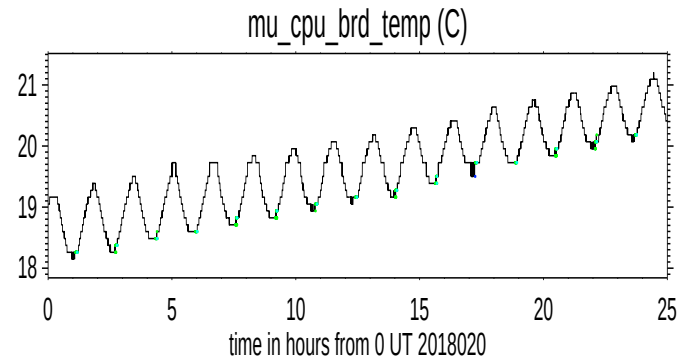

mu_5 (V)
5.05
5.00
4.95
0
5
10
15
20
25
time in hours from 0 UT 2018020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20
19
18
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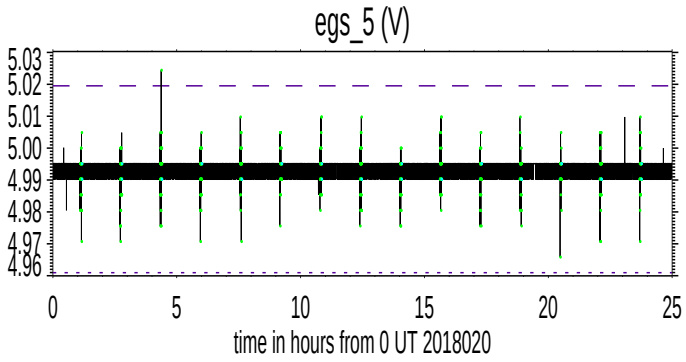
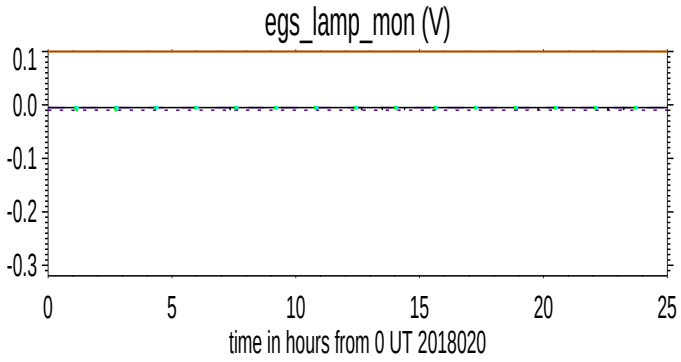
10
15
20
25
time in hours from 0 UT 2018020


egs_5 (V)
5.03
5.02
5.01
5.00
4.99
4.98
4.97
4.96
0
5
10
15
20
25
time in hours from 0 UT 2018020


egs_lamp_mon (V)
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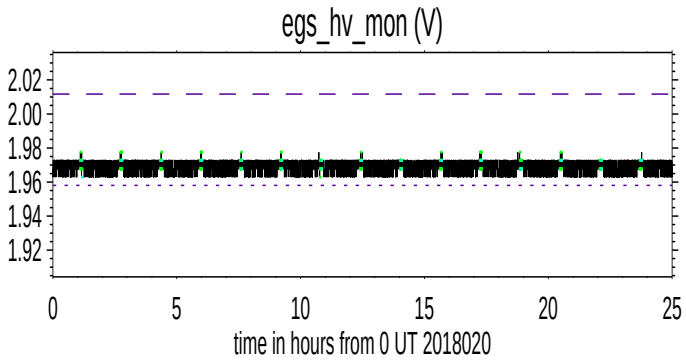
0.0
-0.1
-0.2
-0.3
0
5
10
15
20
25
time in hours from 0 UT 2018020


egs_hv_mon (V)
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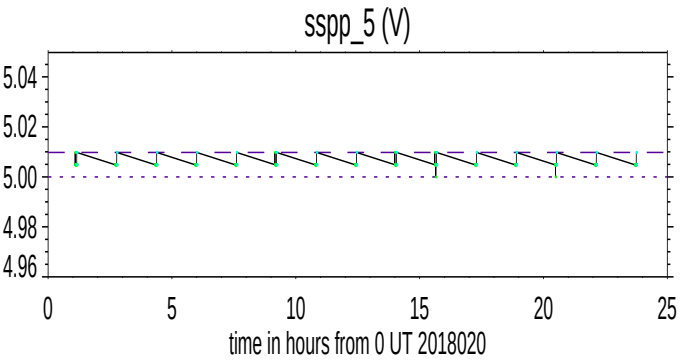
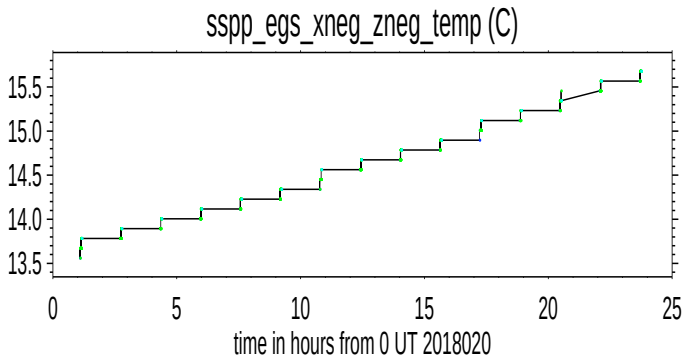
2.00
1.98
1.96
1.94
1.92
0
5
10
15
20
25
time in hours from 0 UT 2018020


sspp_5 (V)
5.04
5.02
5.00
4.98
4.96
0
5
10
15
20
25
time in hours from 0 UT 2018020


sspp_egs_xneg_zneg_temp (C)
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15.0
14.5
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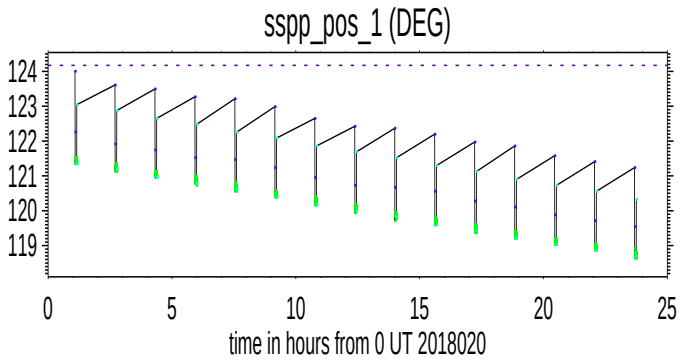
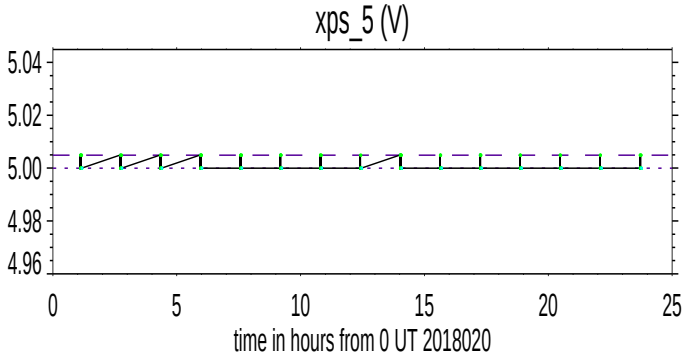
10
15
20
25
time in hours from 0 UT 2018020


sspp_pos_1 (DEG)
124
123
122
121
120
119
0
5
10
15
20
25
time in hours from 0 UT 2018020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5.02
5.00
4.98
4.96
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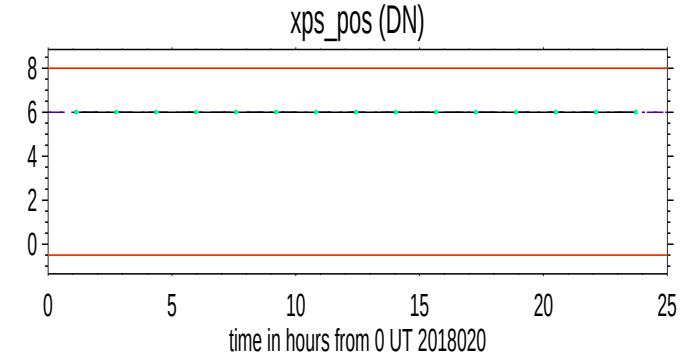
5
10
15
20
25
time in hours from 0 UT 2018020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8
6
4
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10
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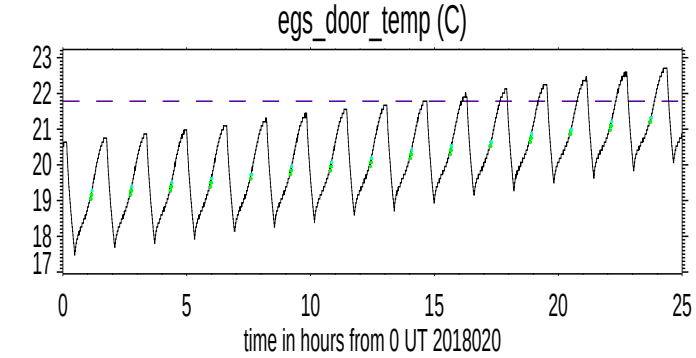
25
time in hours from 0 UT 2018020


egs_door_temp (C)
23
22
21
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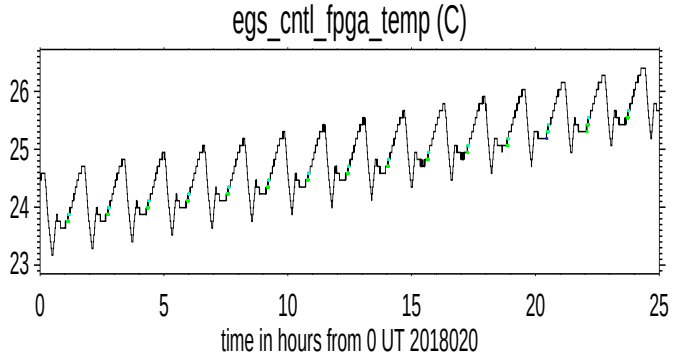
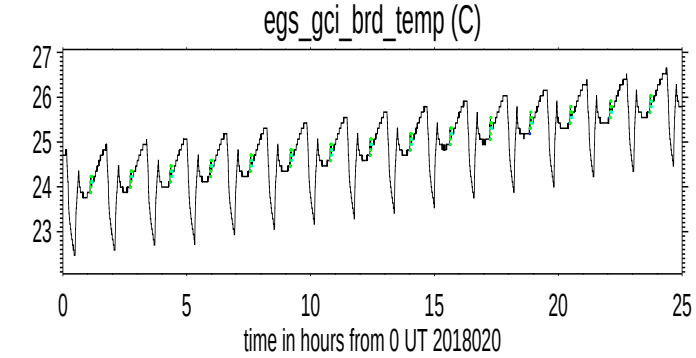
25
time in hours from 0 UT 2018020


egs_cntl_fpga_temp (C)
26
25
24
23
0
5
10
15
20
25
time in hours from 0 UT 2018020


egs_gci_brd_temp (C)
27
26
25
24
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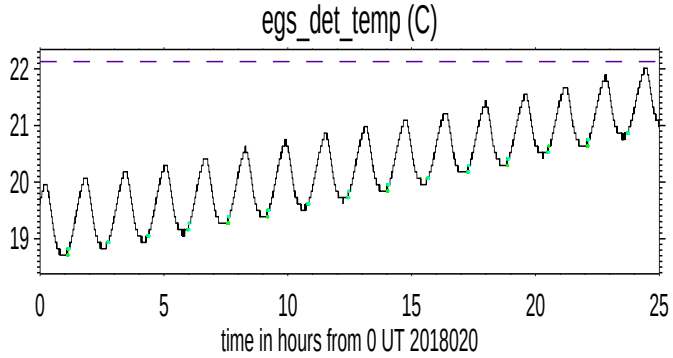
5
10
15
20
25
time in hours from 0 UT 2018020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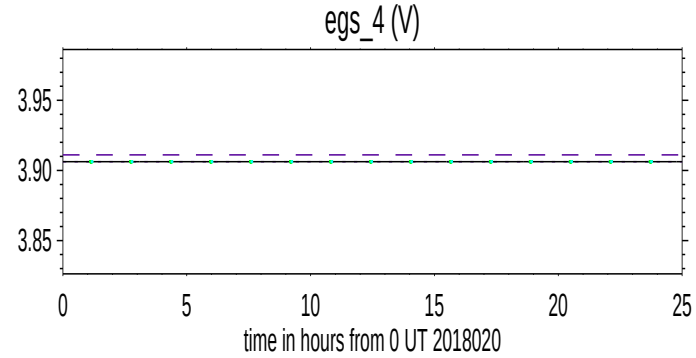
time in hours from 0 UT 2018020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3.95
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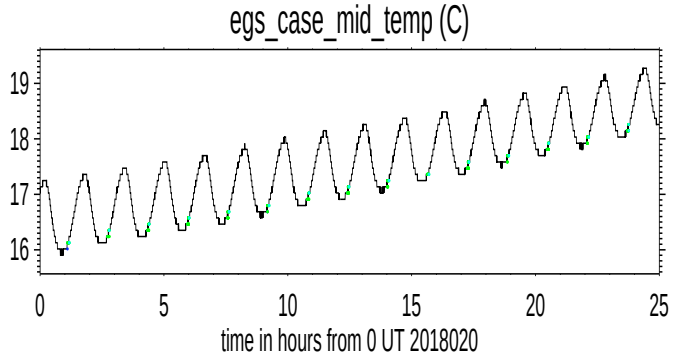
10
15
20
25
time in hours from 0 UT 2018020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18
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16
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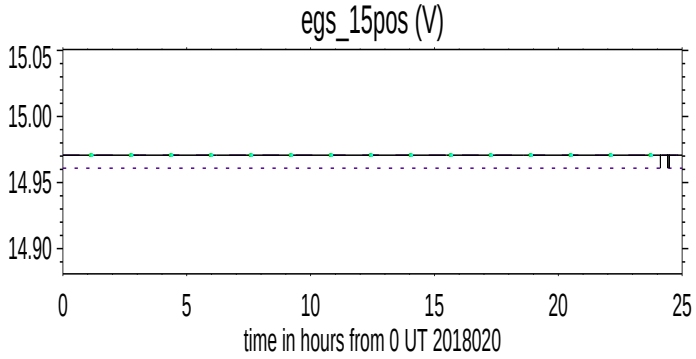
10
15
20
25
time in hours from 0 UT 2018020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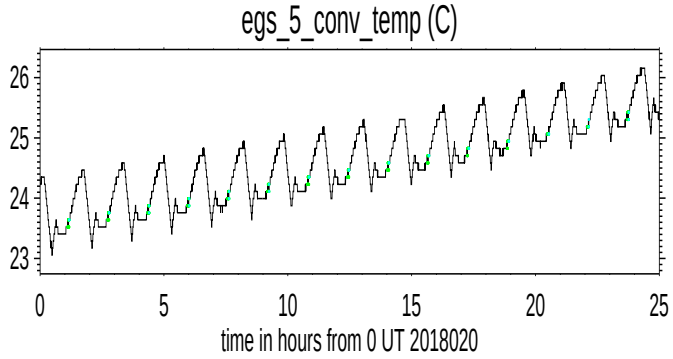
15.00
14.95
14.90
0
5
10
15
20
25
time in hours from 0 UT 2018020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25
24
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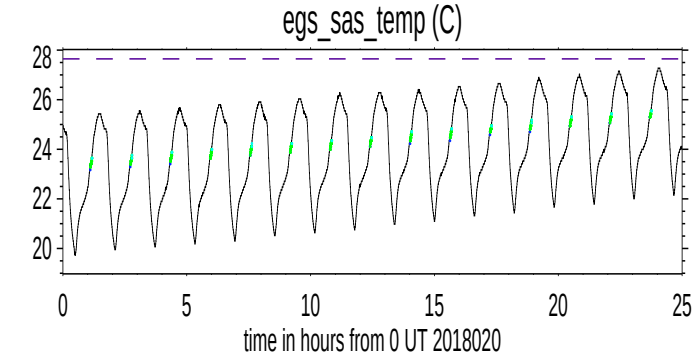
10
15
20
25
time in hours from 0 UT 2018020


egs_sas_temp (C)
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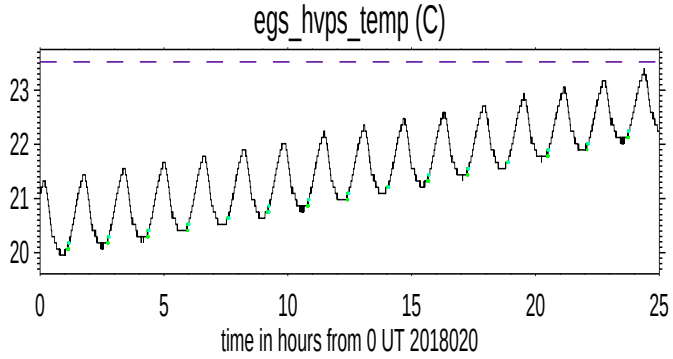
26
24
22
20
0
5
10
15
20
25
time in hours from 0 UT 2018020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22
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15
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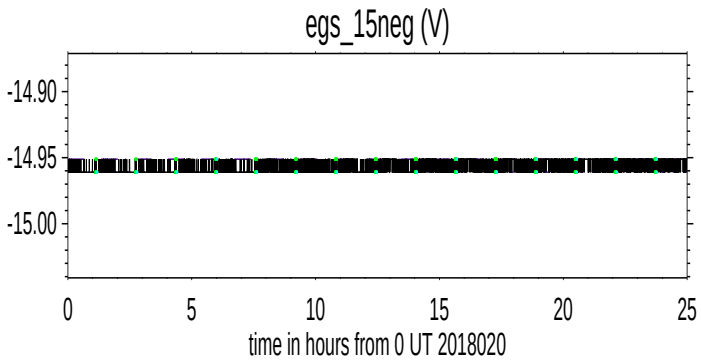
25
time in hours from 0 UT 2018020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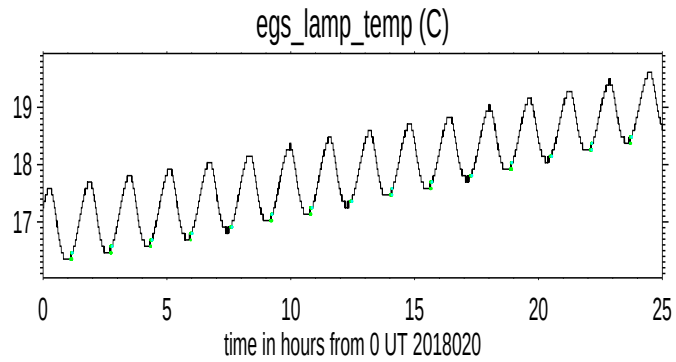
-14.90
-14.95
-15.00
0 5 10 15 20 25
time in hours from 0 UT 2018020


egs_lamp_temp (C)
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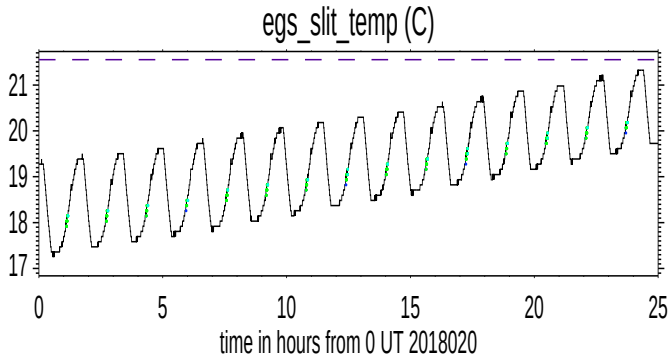
18
17
0 5 10 15 20 25
time in hours from 0 UT 2018020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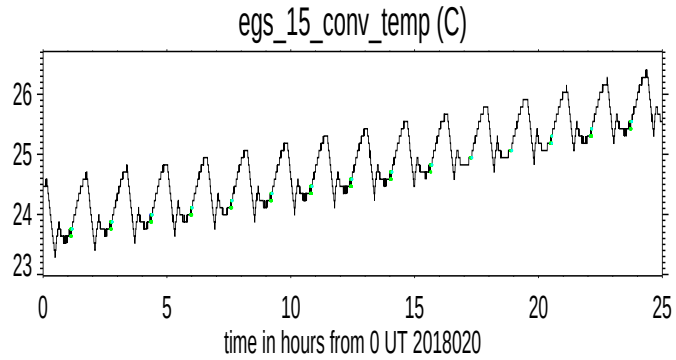
18
17
0 5 10 15 20 25
time in hours from 0 UT 2018020


egs_15_conv_temp (C)
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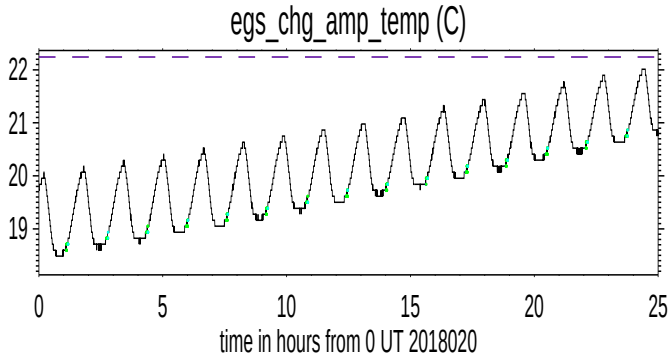
24
23
0 5 10 15 20 25
time in hours from 0 UT 2018020


egs_chg_amp_temp (C)
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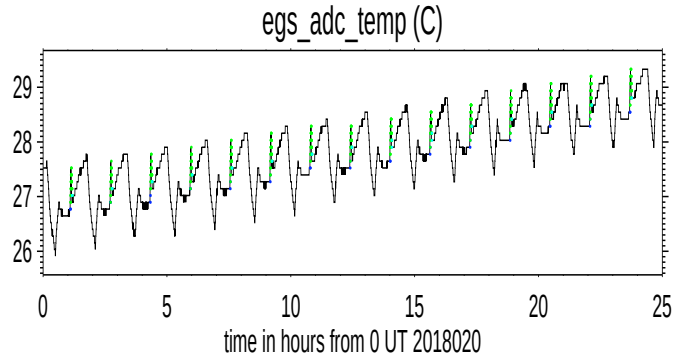
20
19
0 5 10 15 20 25
time in hours from 0 UT 2018020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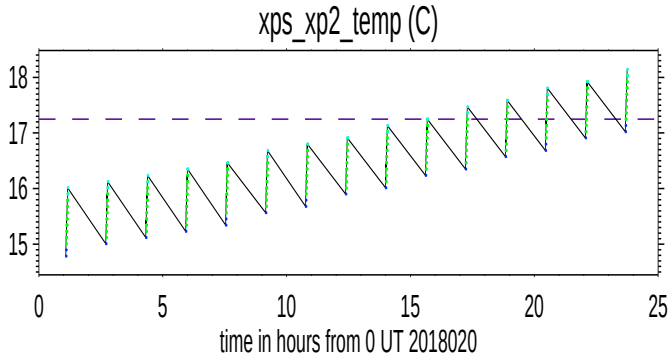
29
28
27
26
0 5 10 15 20 25
time in hours from 0 UT 2018020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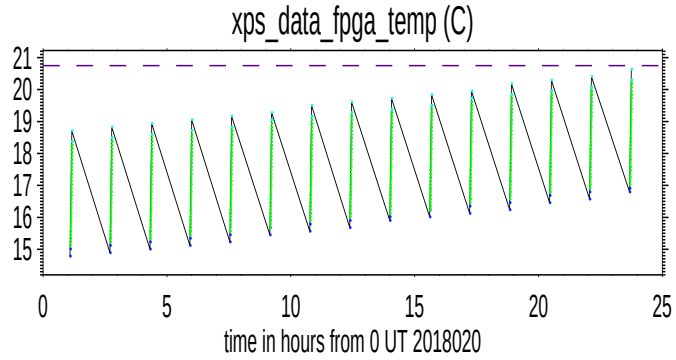
17
16
15
0 5 10 15 20 25
time in hours from 0 UT 2018020


xps_data_fpga_temp (C)
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20
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18
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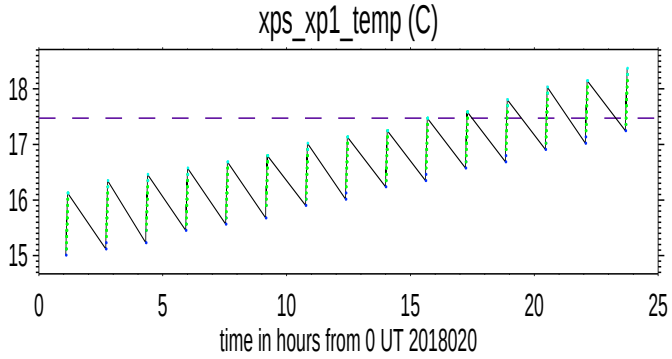
16
15
0 5 10 15 20 25
time in hours from 0 UT 2018020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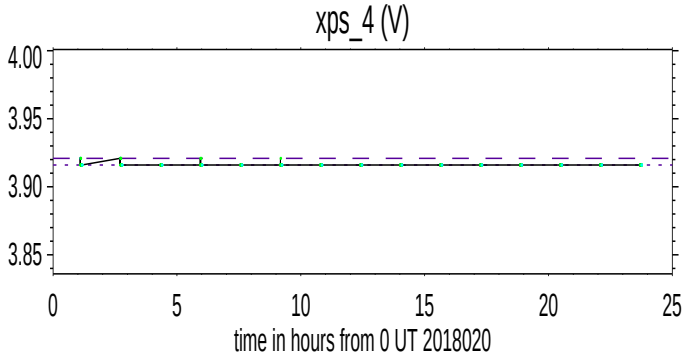
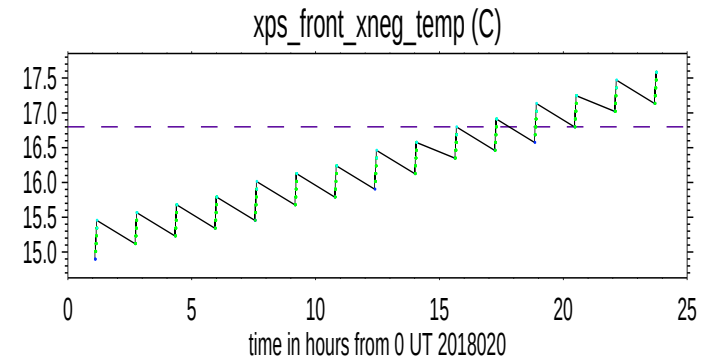
17
16
15
0 5 10 15 20 25
time in hours from 0 UT 2018020


xps_4 (V)
4.00
3.95
3.90
3.85
0 5 10 15 20 25
time in hours from 0 UT 2018020


xps_front_xneg_temp (C)
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16.0
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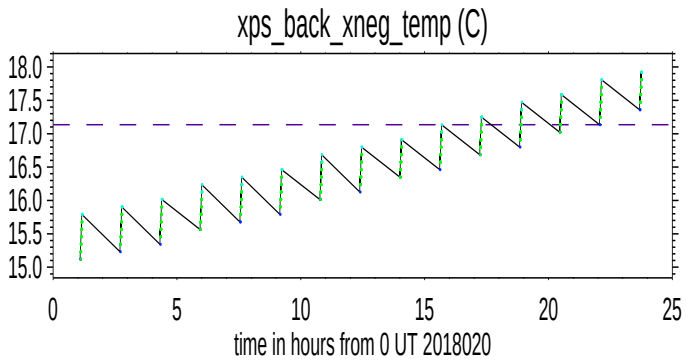
15.0
0
5
10
15
20
25
time in hours from 0 UT 2018020


xps_back_xneg_temp (C)
18.0
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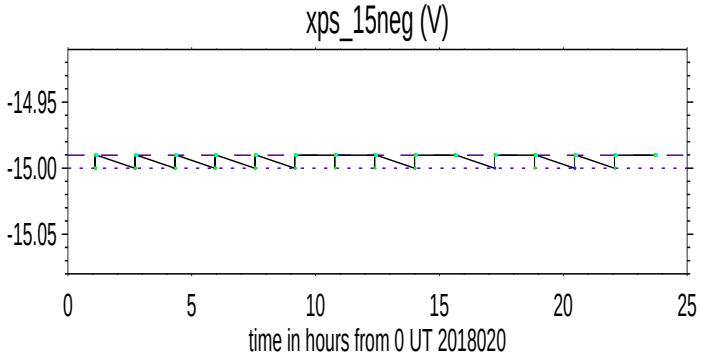
17.0
16.5
16.0
15.5
15.0
0
5
10
15
20
25
time in hours from 0 UT 2018020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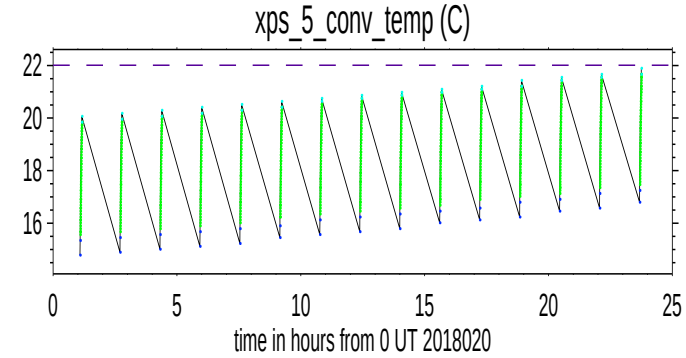
-15.00
-15.05
0
5
10
15
20
25
time in hours from 0 UT 2018020


xps_5_conv_temp (C)
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20
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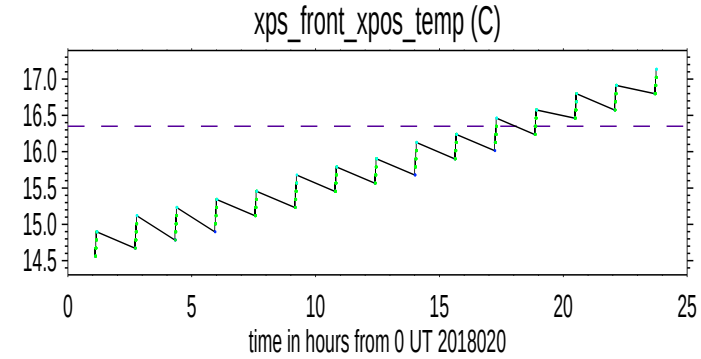
16
0
5
10
15
20
25
time in hours from 0 UT 2018020


xps_front_xpos_temp (C)
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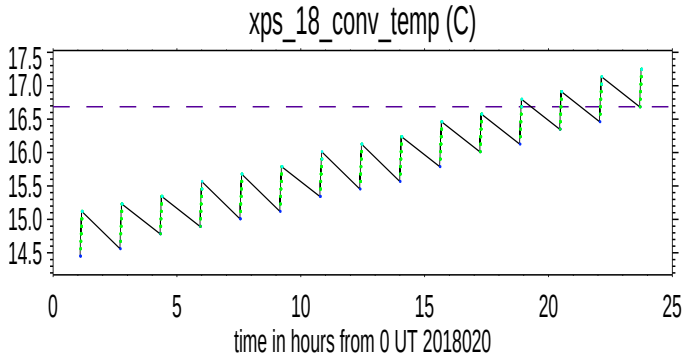
16.0
15.5
15.0
14.5
0
5
10
15
20
25
time in hours from 0 UT 2018020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16.0
15.5
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10
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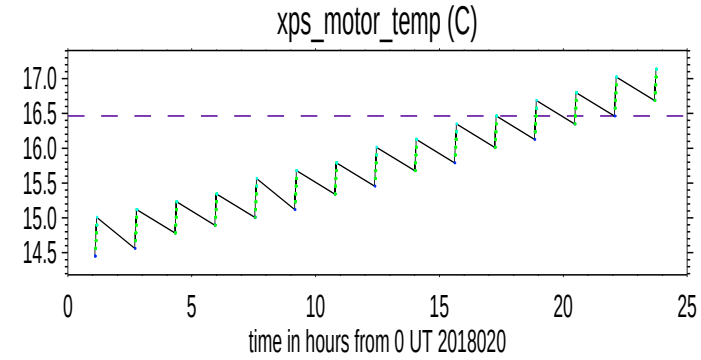
20
25
time in hours from 0 UT 2018020


xps_motor_temp (C)
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16.0
15.5
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14.5
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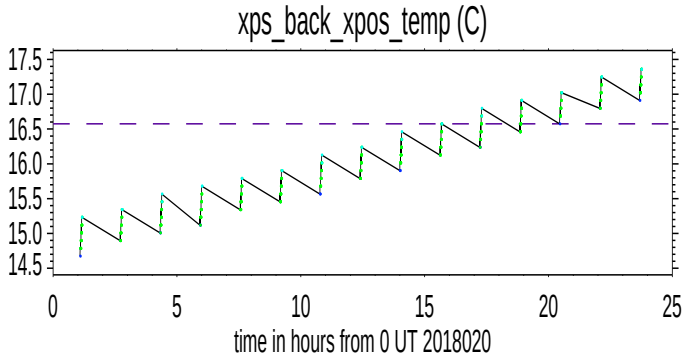
5
10
15
20
25
time in hours from 0 UT 2018020


xps_back_xpos_temp (C)
17.5
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16.0
15.5
15.0
14.5
0
5
10
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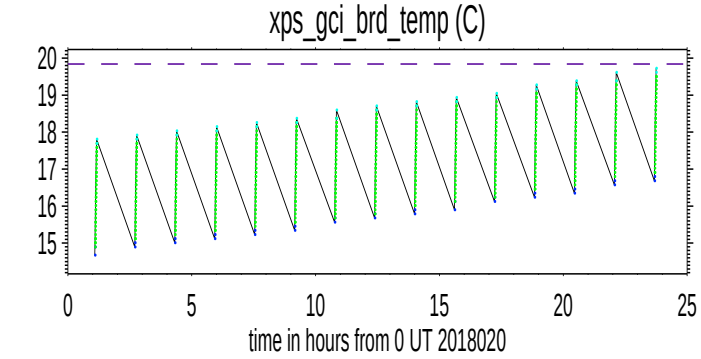
25
time in hours from 0 UT 2018020


xps_gci_brd_temp (C)
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19
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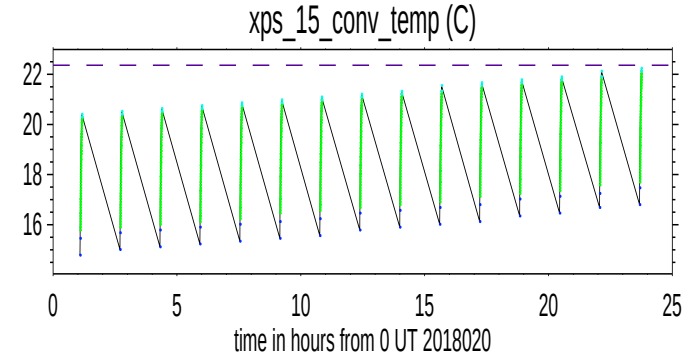
17
16
15
0
5
10
15
20
25
time in hours from 0 UT 2018020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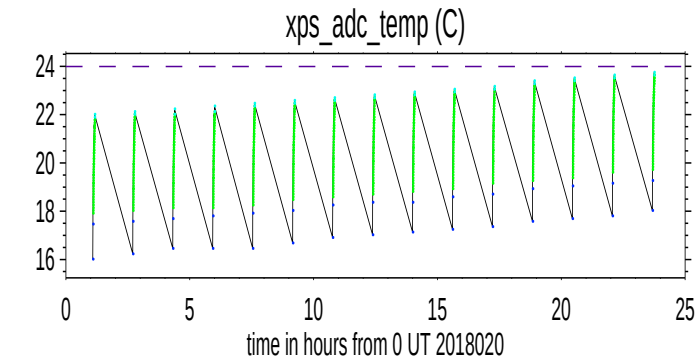
15
20
25
time in hours from 0 UT 2018020


xps_adc_temp (C)
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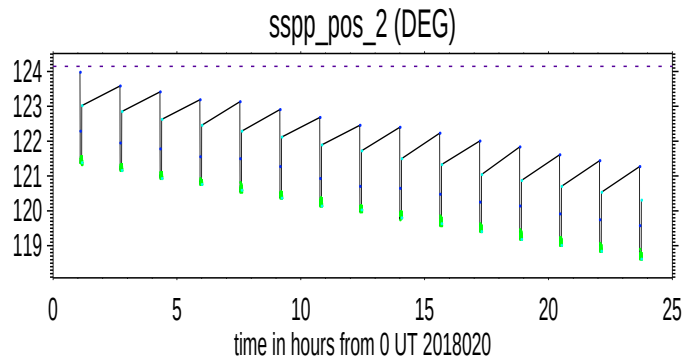
25
time in hours from 0 UT 2018020


sspp_pos_2 (DEG)
124
123
122
121
120
119
0
5
10
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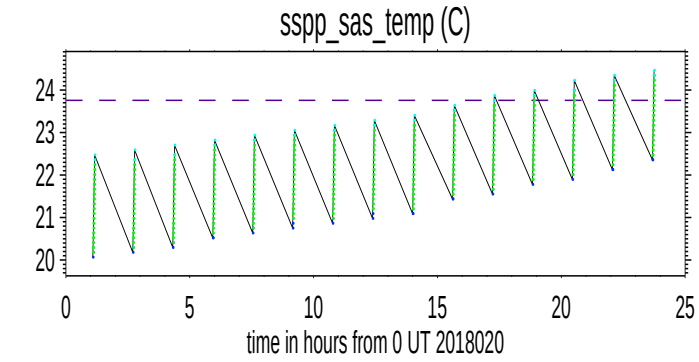
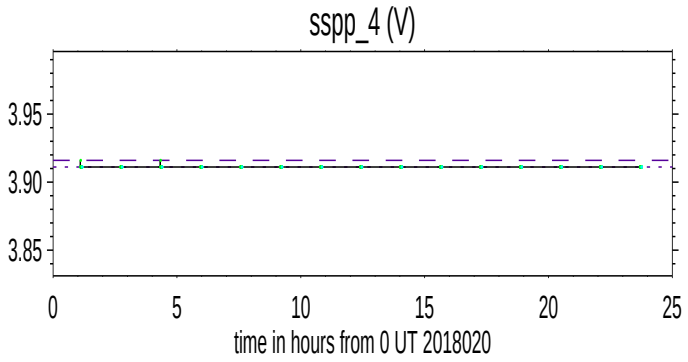
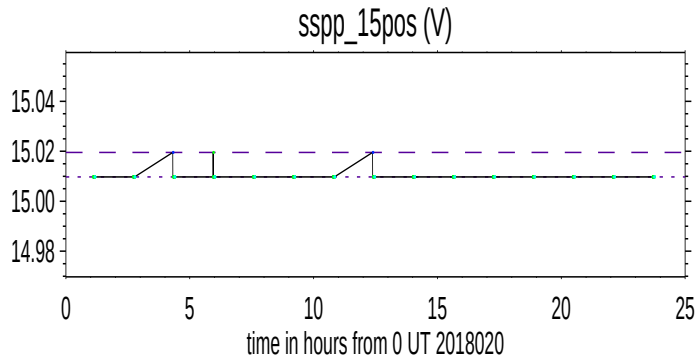
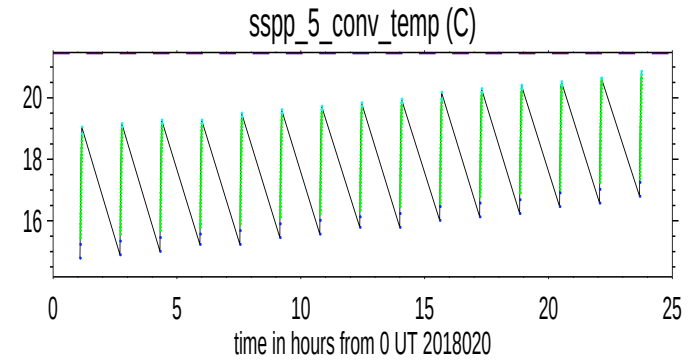
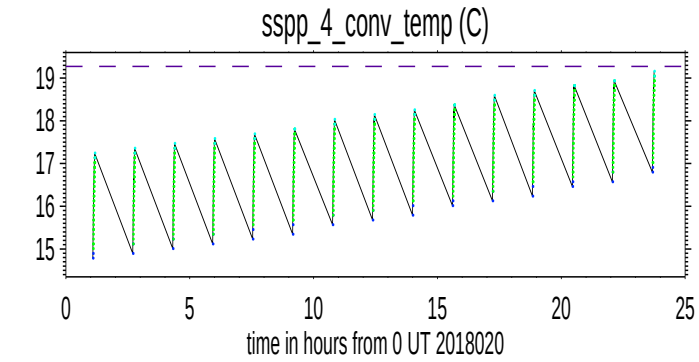
25
time in hours from 0 UT 2018020

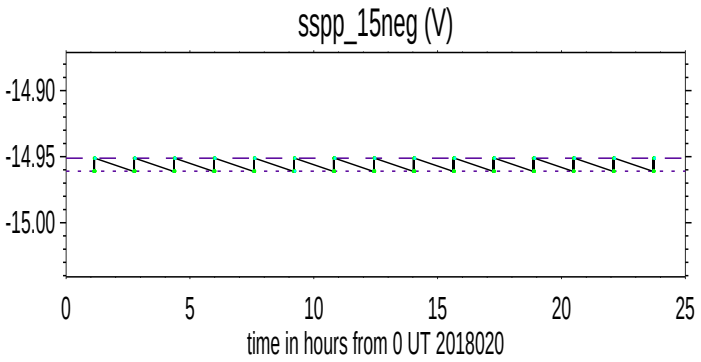

sspp_sas_temp (C)
24
23
22
21
20
0
5
10
15
20
25
time in hours from 0 UT 2018020

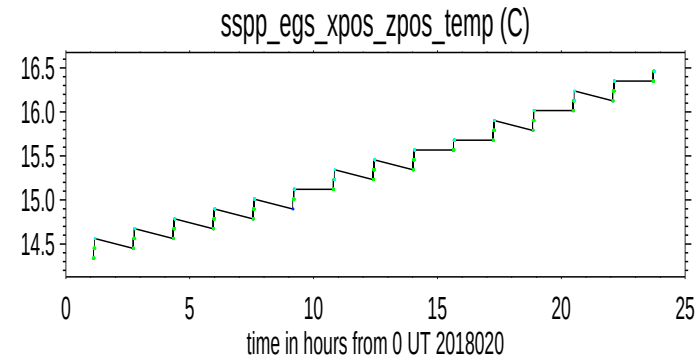

sspp_4 (V)
3.95
3.90
3.85
0
5
10
15
20
25
time in hours from 0 UT 2018020

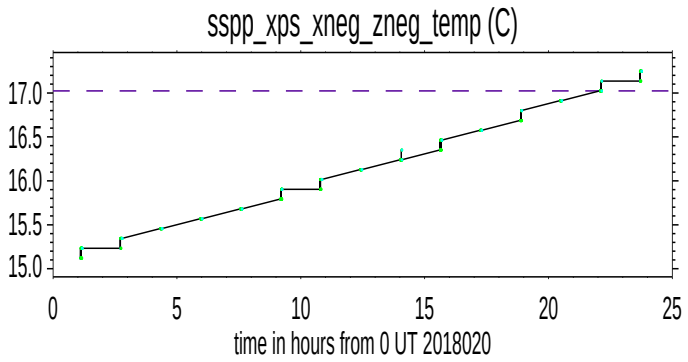

sspp_15pos (V)
15.04
15.02
15.00
14.98
0
5
10
15
20
25
time in hours from 0 UT 2018020

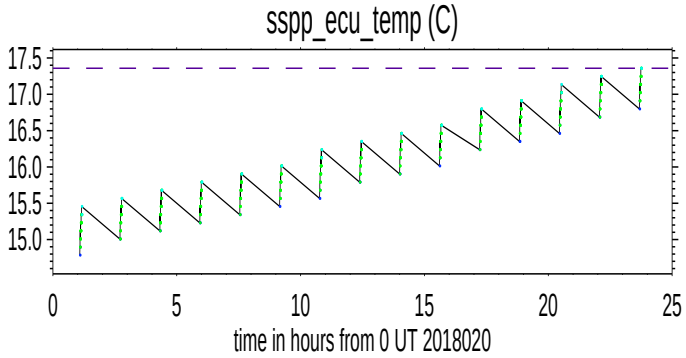

sspp_5_conv_temp (C)
20
18
16
0
5
10
15
20
25
time in hours from 0 UT 2018020

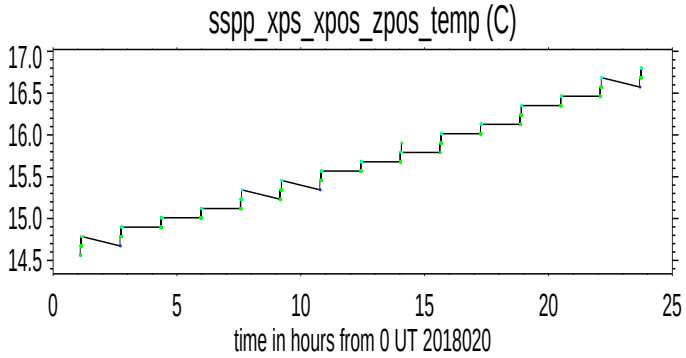

sspp_4_conv_temp (C)
19
18
17
16
15
0
5
10
15
20
25
time in hours from 0 UT 2018020

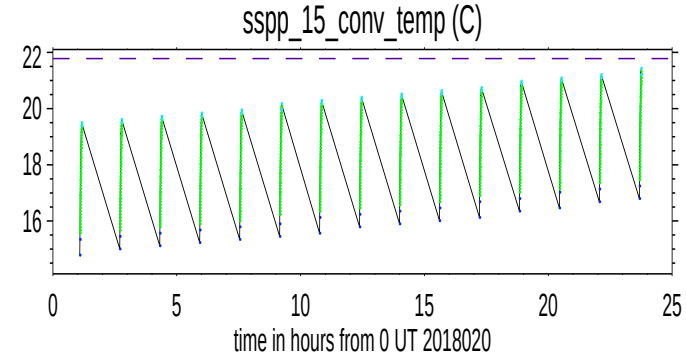

sspp_15neg (V)
-14.90
-14.95
-15.00
0
5
10
15
20
25
time in hours from 0 UT 2018020

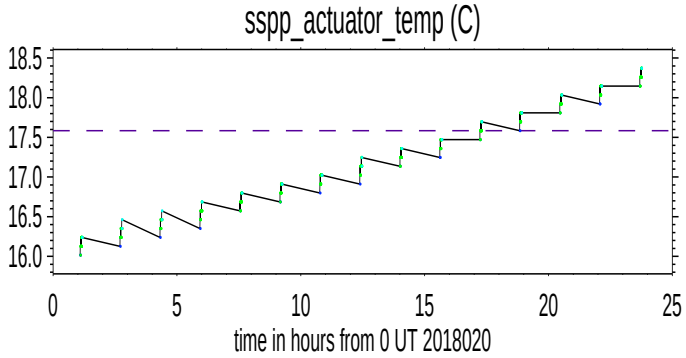

sspp_egs_xpos_zpos_temp (C)
16.5
16.0
15.5
15.0
14.5
0
5
10
15
20
25
time in hours from 0 UT 2018020

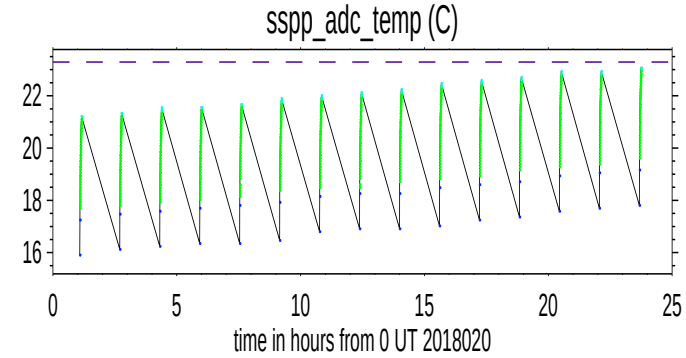

sspp_xps_xneg_zneg_temp (C)
17.0
16.5
16.0
15.5
15.0
0
5
10
15
20
25
time in hours from 0 UT 2018020

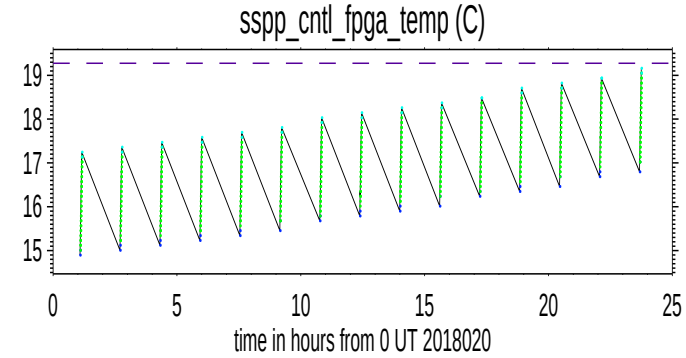

sspp_ecu_temp (C)
17.5
17.0
16.5
16.0
15.5
15.0
0
5
10
15
20
25
time in hours from 0 UT 2018020

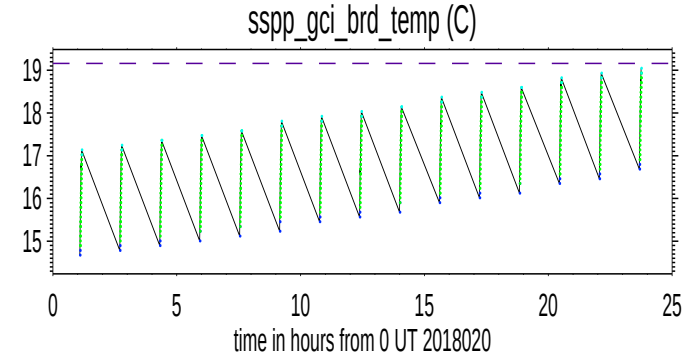

sspp_xps_xpos_zpos_temp (C)
17.0
16.5
16.0
15.5
15.0
14.5
0
5
10
15
20
25
time in hours from 0 UT 2018020

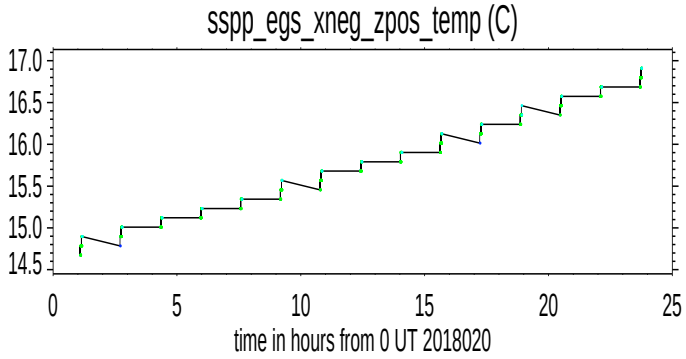

sspp_15_conv_temp (C)
22
20
18
16
0
5
10
15
20
25
time in hours from 0 UT 2018020

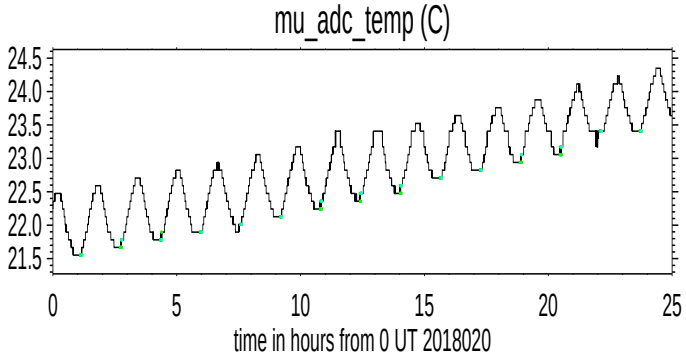

sspp_actuator_temp (C)
18.5
18.0
17.5
17.0
16.5
16.0
0
5
10
15
20
25
time in hours from 0 UT 2018020

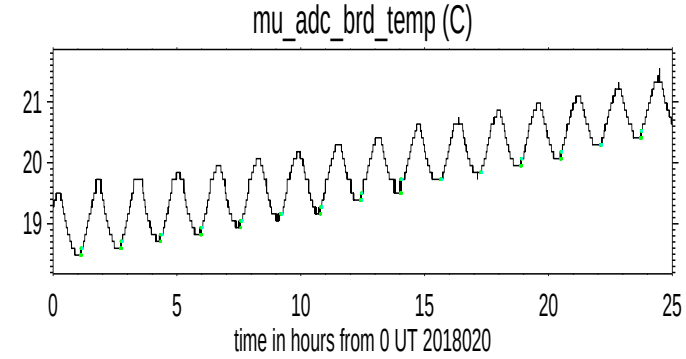

sspp_adc_temp (C)
22
20
18
16
0
5
10
15
20
25
time in hours from 0 UT 2018020

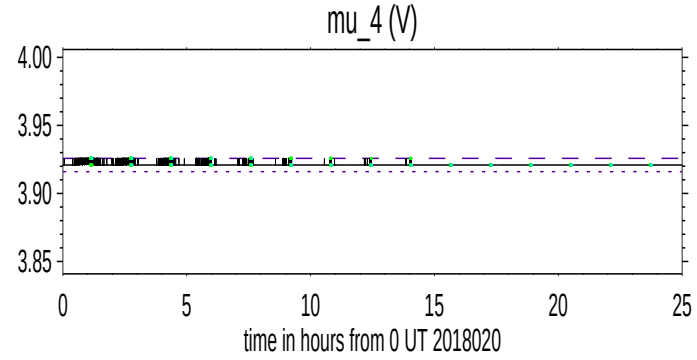

sspp_cntl_fpga_temp (C)
19
18
17
16
15
0
5
10
15
20
25
time in hours from 0 UT 2018020

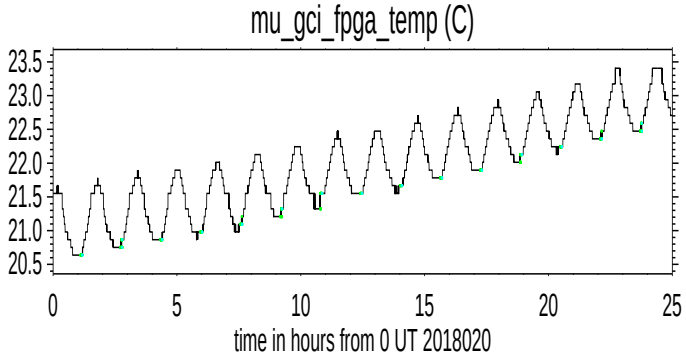

sspp_gci_brd_temp (C)
19
18
17
16
15
0
5
10
15
20
25
time in hours from 0 UT 2018020

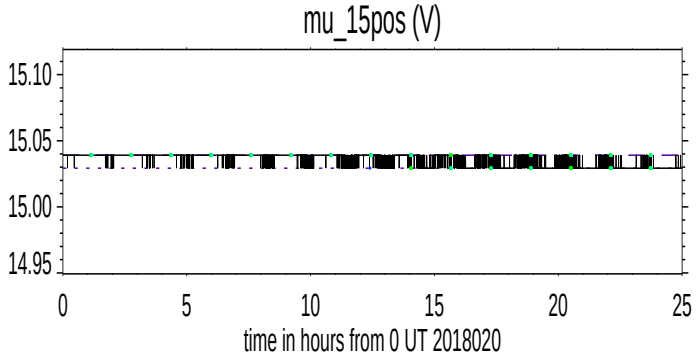

sspp_egs_xneg_zpos_temp (C)
17.0
16.5
16.0
15.5
15.0
14.5
0
5
10
15
20
25
time in hours from 0 UT 2018020

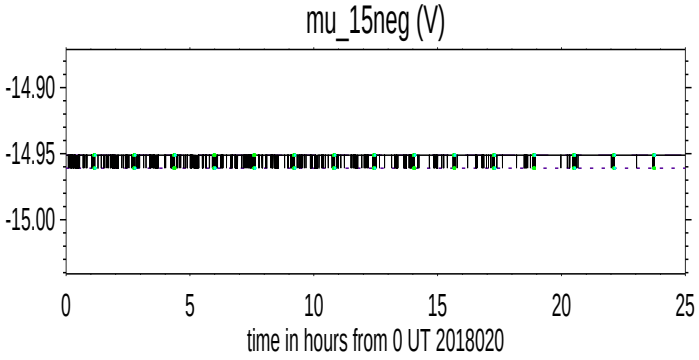

mu_adc_temp (C)
24.5
24.0
23.5
23.0
22.5
22.0
21.5
0
5
10
15
20
25
time in hours from 0 UT 2018020

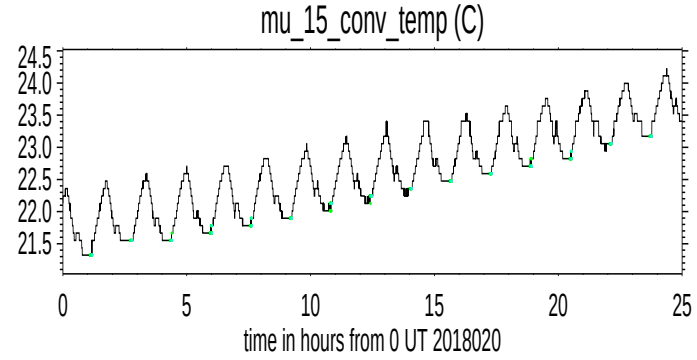

mu_adc_brd_temp (C)
21
20
19
0
5
10
15
20
25
time in hours from 0 UT 2018020

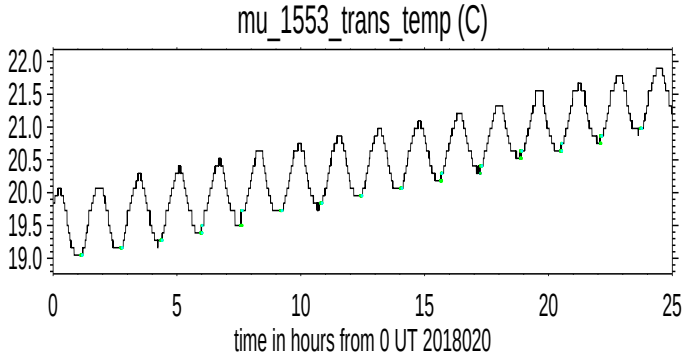

mu_4 (V)
4.00
3.95
3.90
3.85
0
5
10
15
20
25
time in hours from 0 UT 2018020

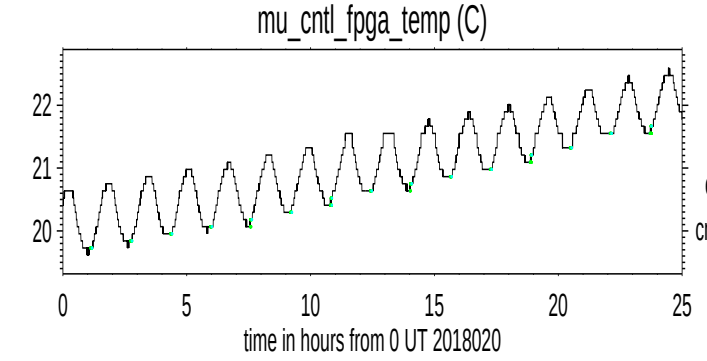

mu_gci_fpga_temp (C)
23.5
23.0
22.5
22.0
21.5
21.0
20.5
0
5
10
15
20
25
time in hours from 0 UT 2018020

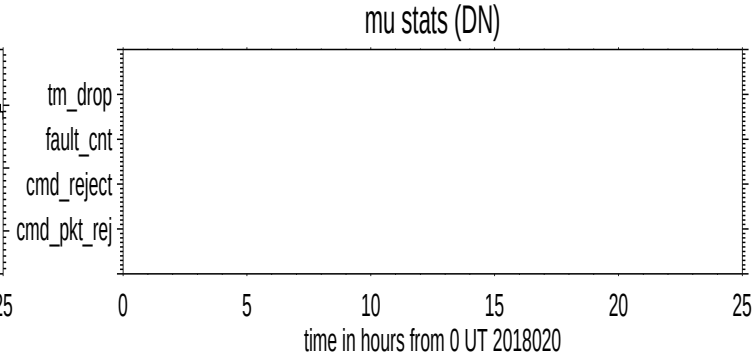

mu_15pos (V)
15.10
15.05
15.00
14.95
0
5
10
15
20
25
time in hours from 0 UT 2018020

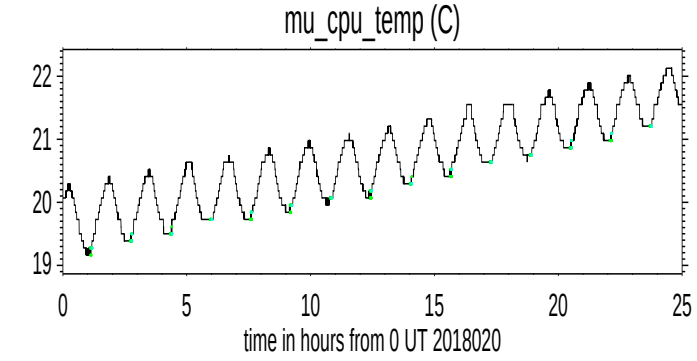

mu_15neg (V)
-14.90
-14.95
-15.00
0
5
10
15
20
25
time in hours from 0 UT 2018020

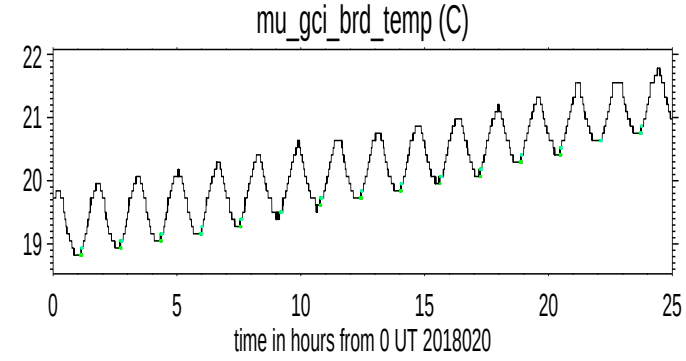

mu_15_conv_temp (C)
24.5
24.0
23.5
23.0
22.5
22.0
21.5
0
5
10
15
20
25
time in hours from 0 UT 2018020

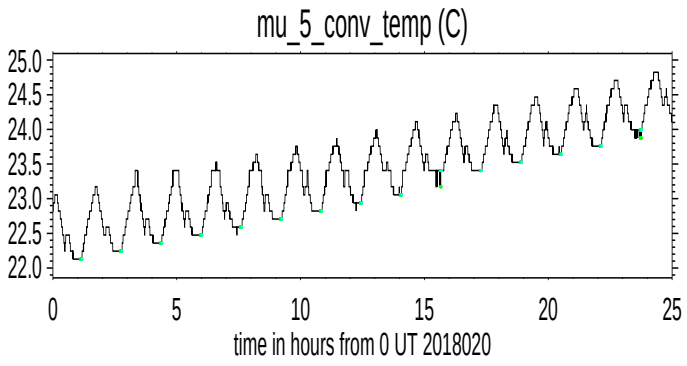

mu_1553_trans_temp (C)
22.0
21.5
21.0
20.5
20.0
19.5
19.0
0
5
10
15
20
25
time in hours from 0 UT 2018020

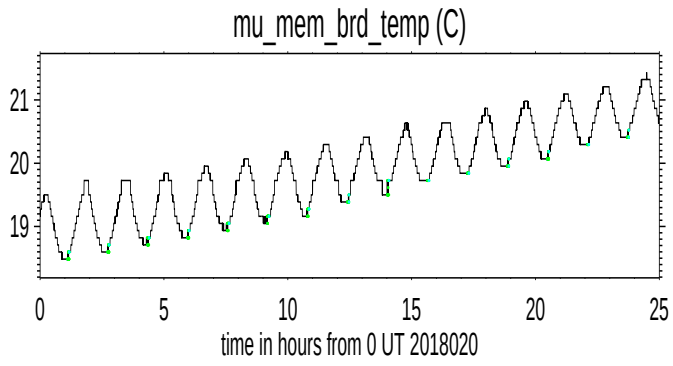

mu_cntl_fpga_temp (C)
22
21
20
0
5
10
15
20
25
time in hours from 0 UT 2018020

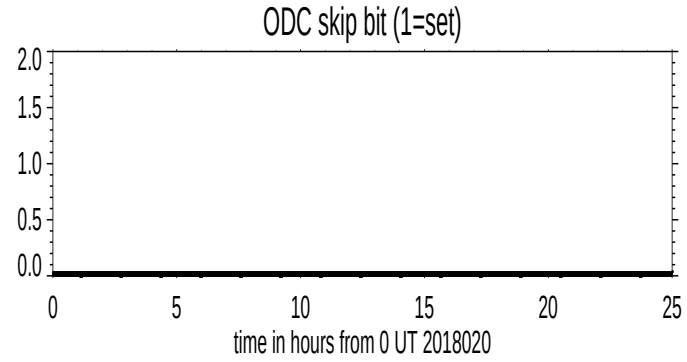

mu stats (DN)
tm_drop
fault_cnt
cmd_reject
cmd_pkt_rej
0
5
10
15
20
25
time in hours from 0 UT 2018020

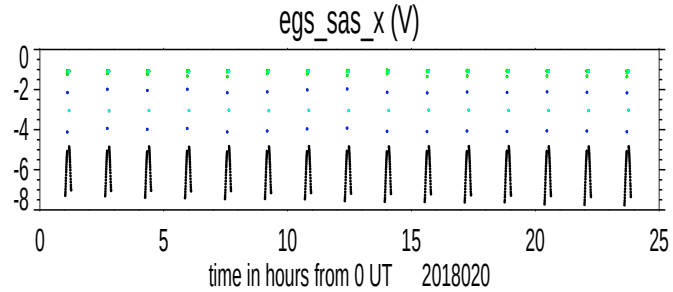

mu_cpu_temp (C)
22
21
20
19
0
5
10
15
20
25
time in hours from 0 UT 2018020

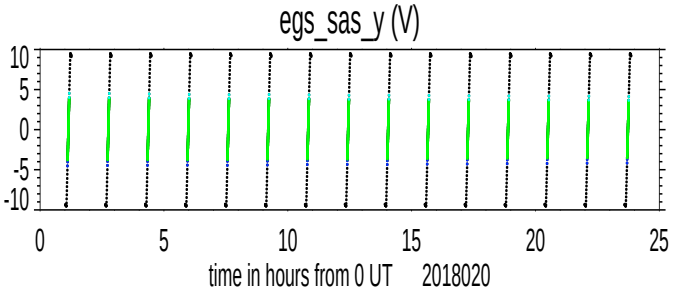

mu_gci_brd_temp (C)
22
21
20
19
0
5
10
15
20
25
time in hours from 0 UT 2018020

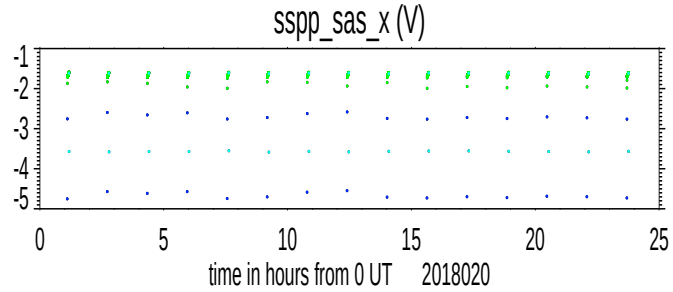

mu_5_conv_temp (C)
25.0
24.5
24.0
23.5
23.0
22.5
22.0
0
5
10
15
20
25
time in hours from 0 UT 2018020

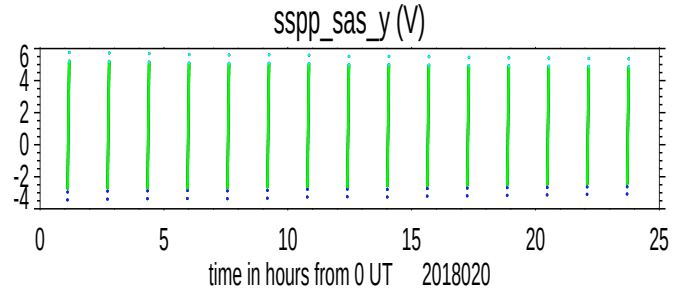

mu_mem_brd_temp (C)
21
20
19
0
5
10
15
20
25
time in hours from 0 UT 2018020

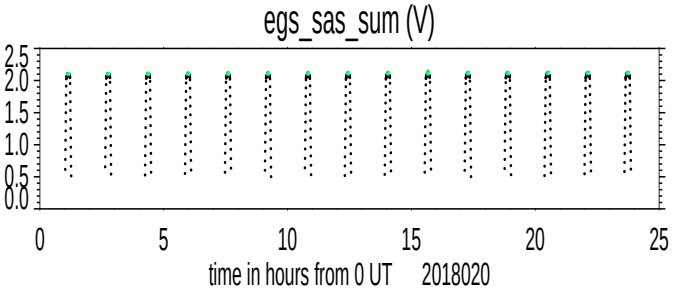

ODC skip bit (1=set)
2.0
1.5
1.0
0.5
0.0
0
5
10
15
20
25
time in hours from 0 UT 2018020

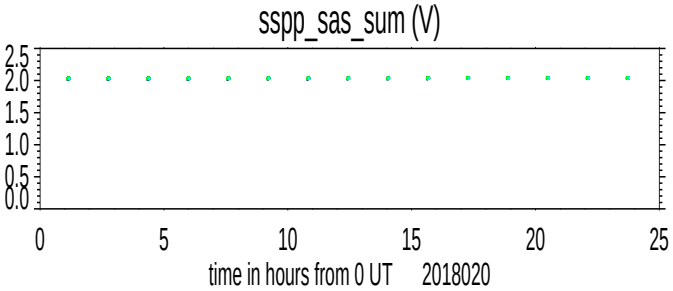

egs_sas_x (V)
time in hours from 0 UT 2018020

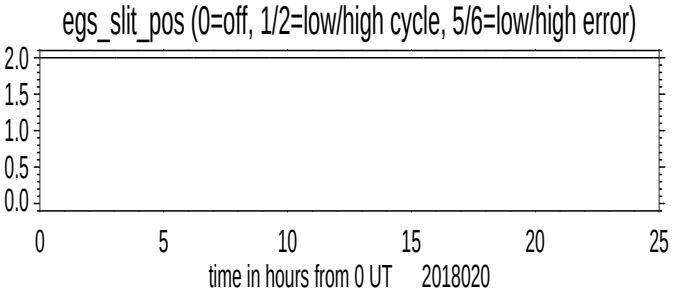

egs_sas_y (V)
time in hours from 0 UT 2018020

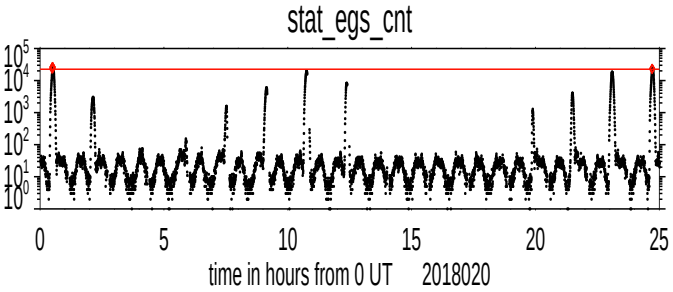

sspp_sas_x (V)
time in hours from 0 UT 2018020

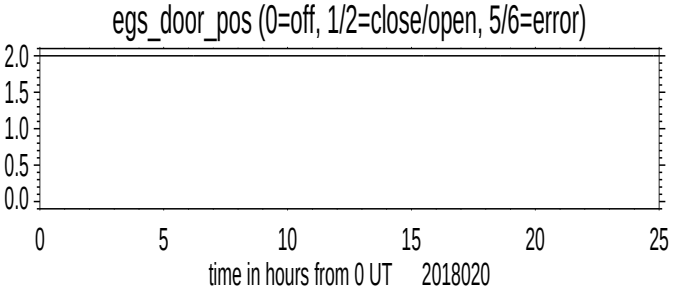

sspp_sas_y (V)
time in hours from 0 UT 2018020

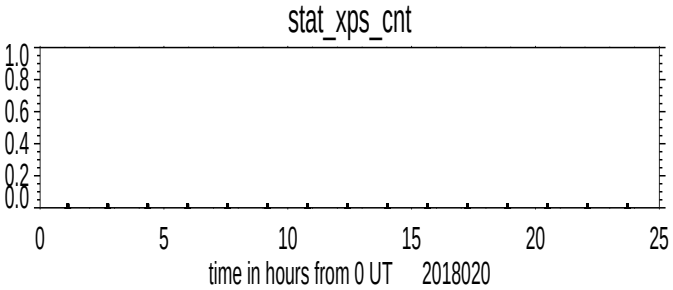

egs_sas_sum (V)
time in hours from 0 UT 2018020

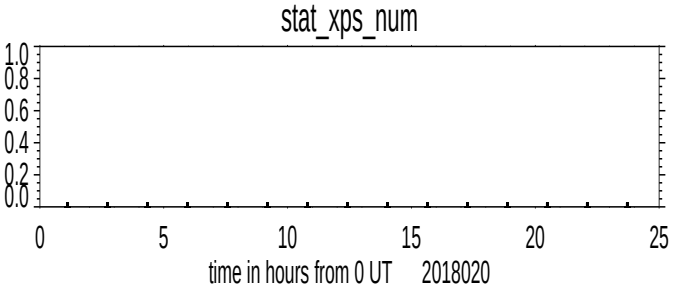

sspp_sas_sum (V)
time in hours from 0 UT 2018020

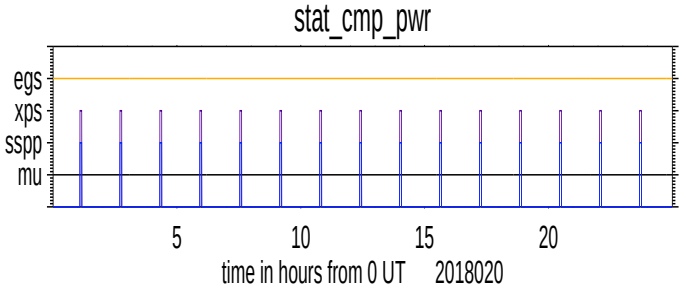

egs_slit_pos (0=off, 1/2=low/high cycle, 5/6=low/high error)
time in hours from 0 UT 2018020


stat_egs_cnt
time in hours from 0 UT 2018020

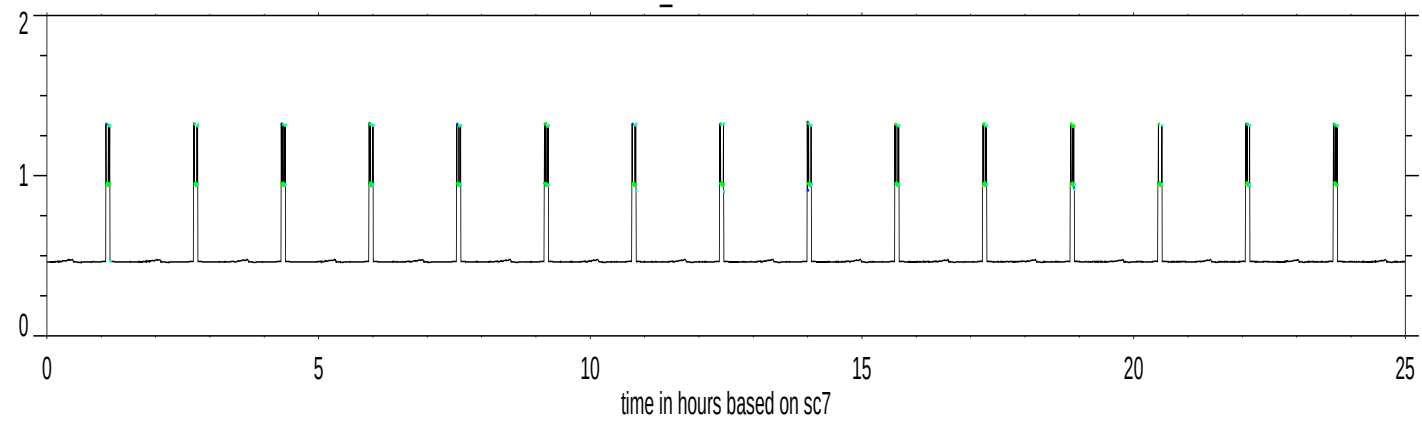

egs_door_pos (0=off, 1/2=close/open, 5/6=error)
time in hours from 0 UT 2018020


stat_xps_cnt
time in hours from 0 UT 2018020

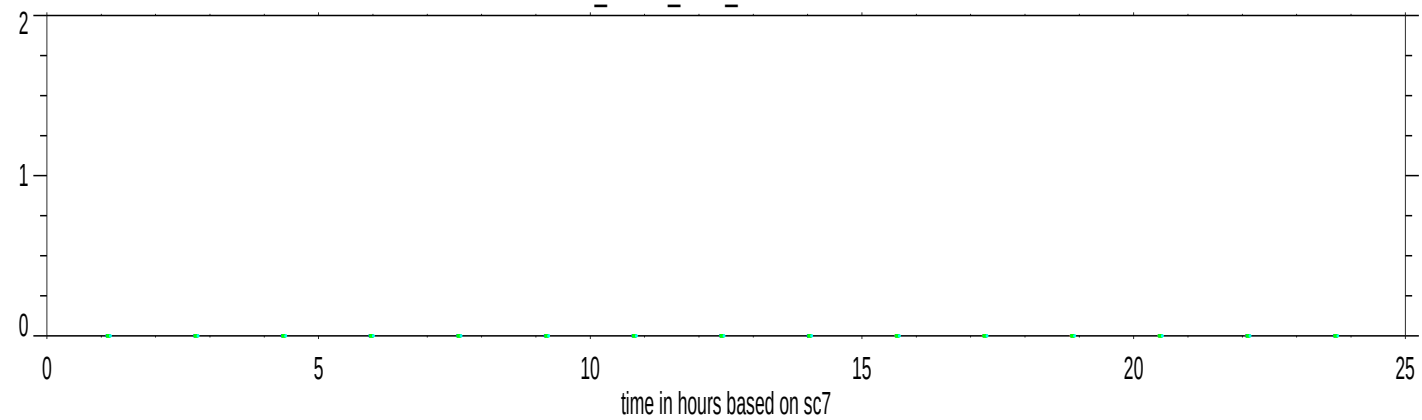

stat_xps_num
time in hours from 0 UT 2018020


stat_cmp_pwr
egs
xps
sspp
mu
time in hours from 0 UT 2018020

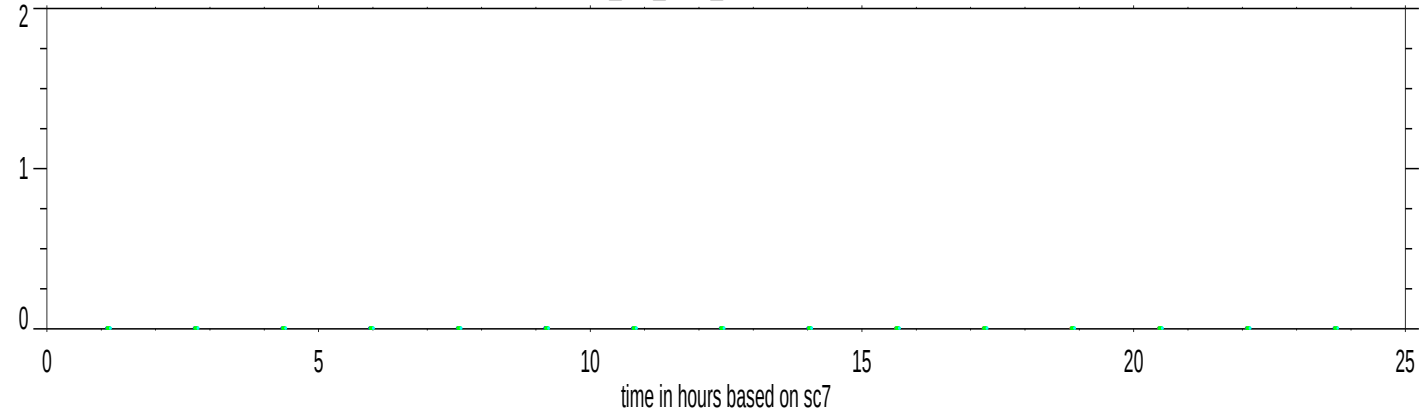
SEE_CUR 2018020



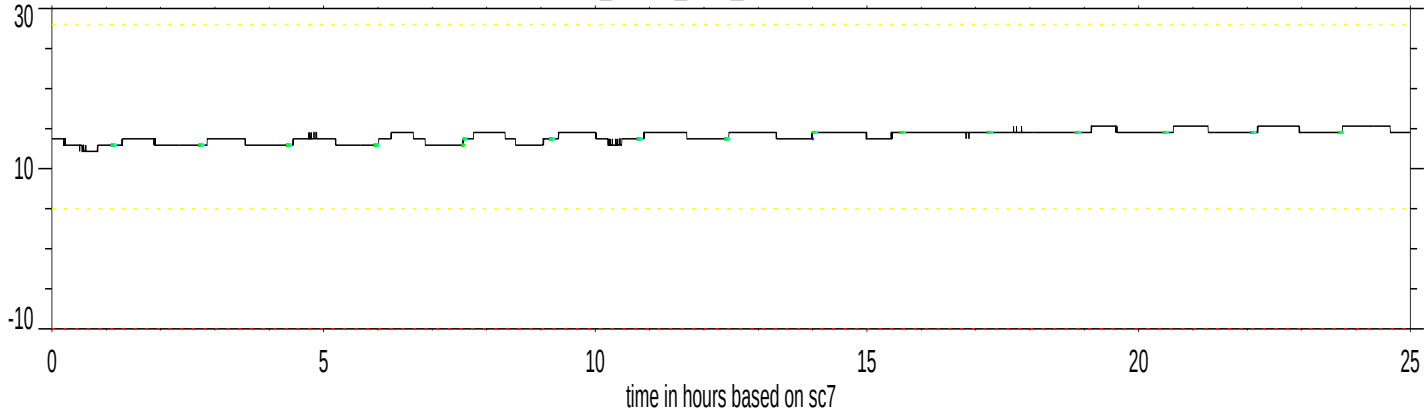
SEE_SURV_HTR_CUR 2018020



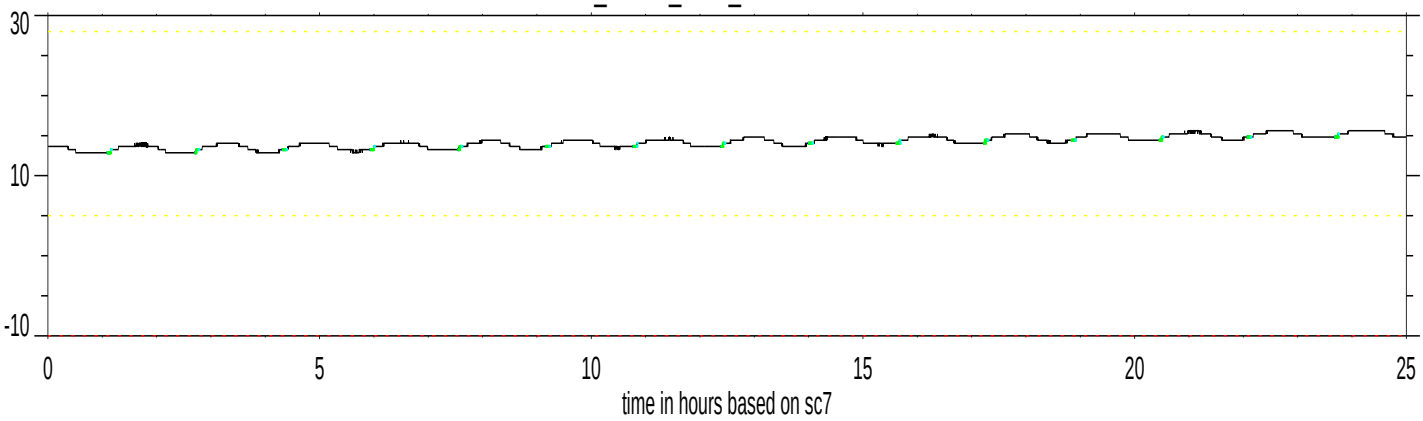
SEE_OP_HTR_CUR 2018020



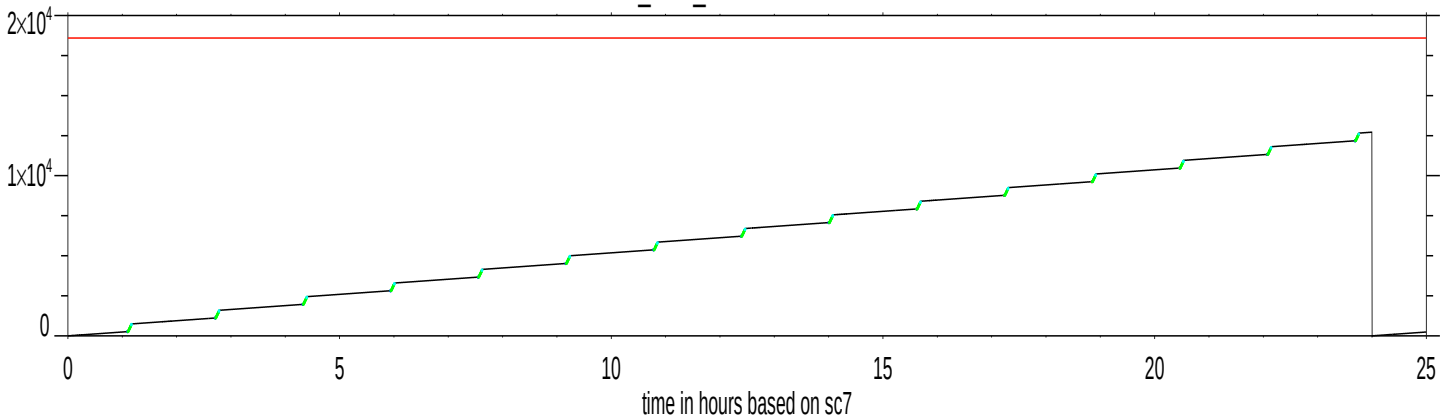
SSPP_BHND_XPS_TEMP 2018020



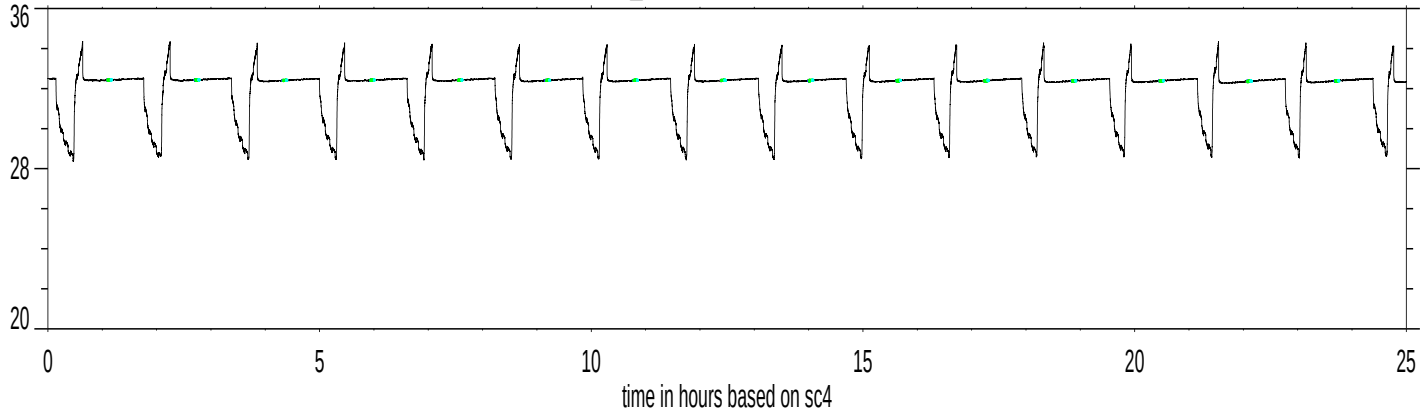
SSPP_BHND_MTR_TEMP 2018020



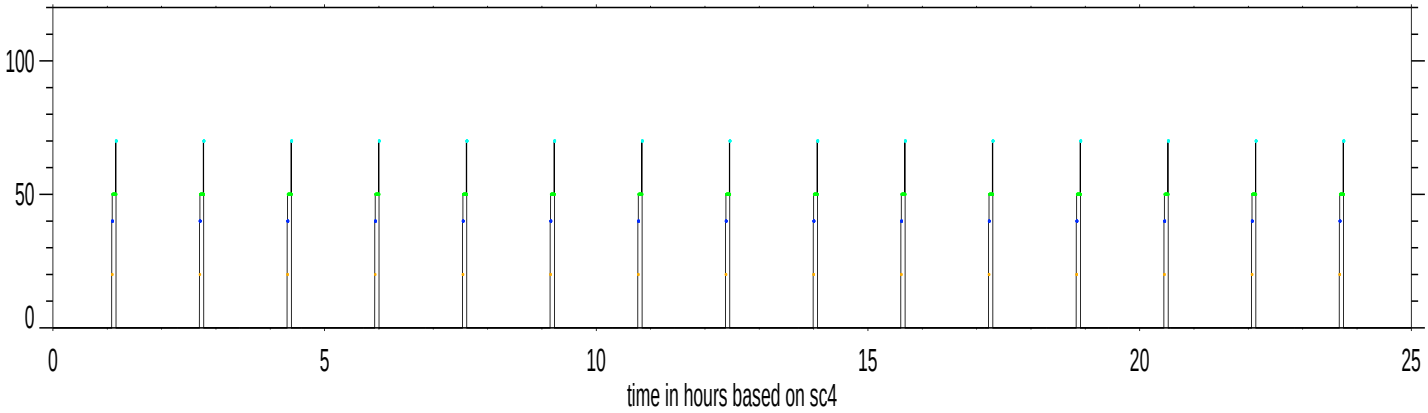
SEE_PKT_COUNT 2018020

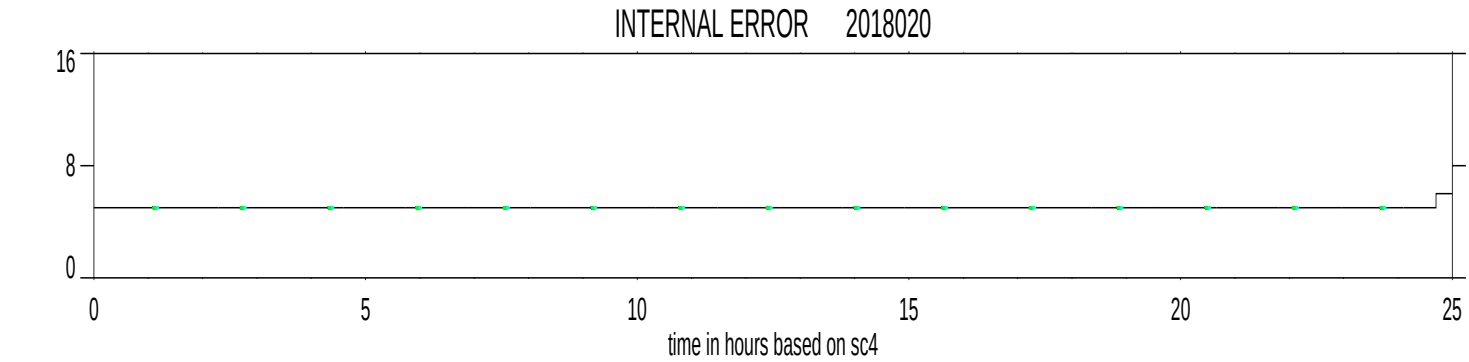


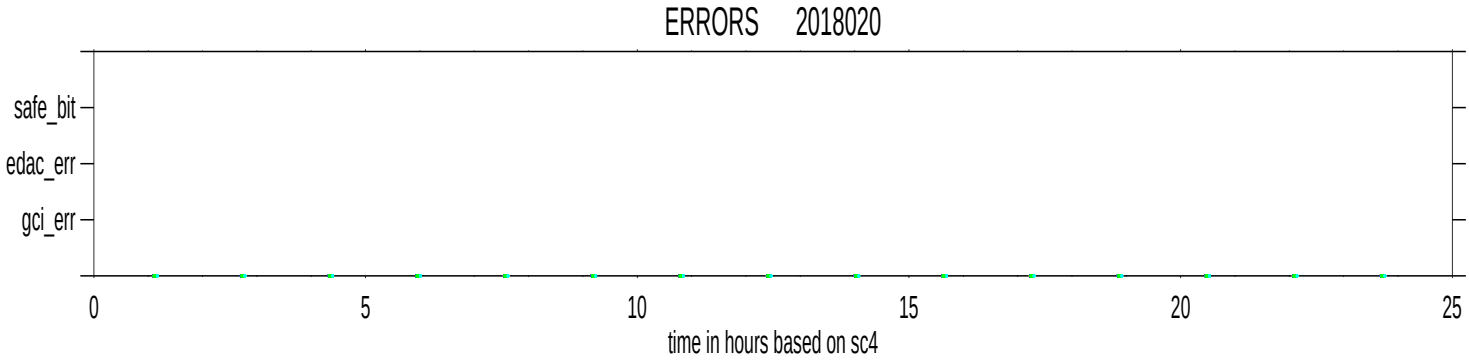
BUS_VOLTAGE 2018020

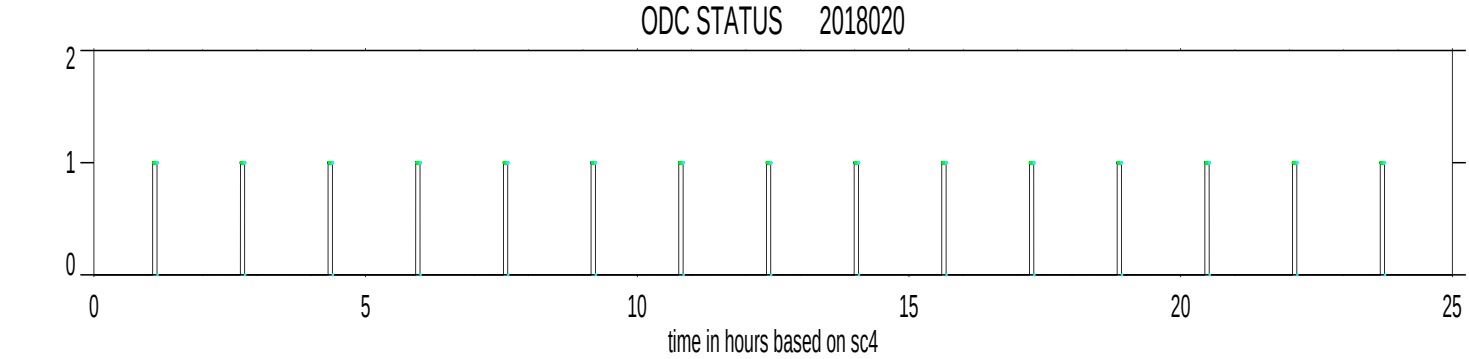


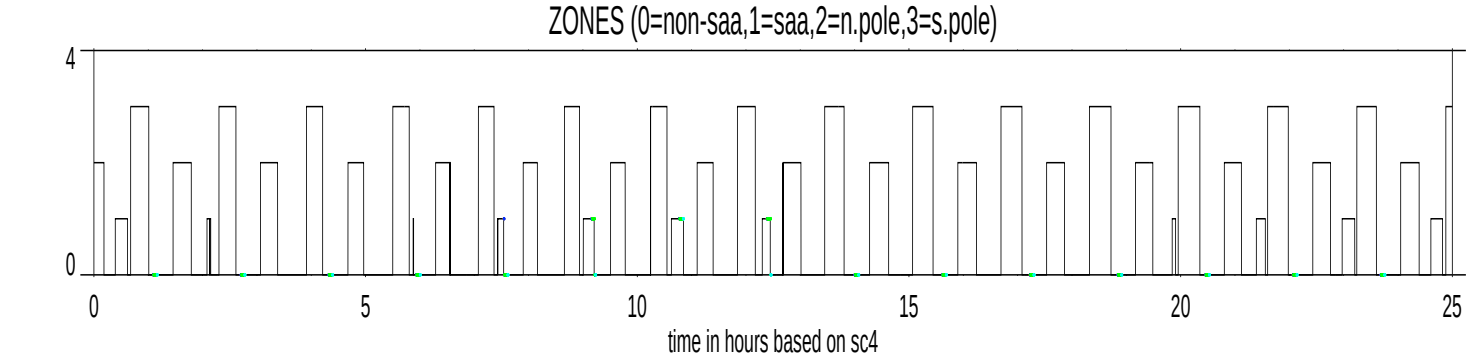
SEE_MU Operational Mode 2018020

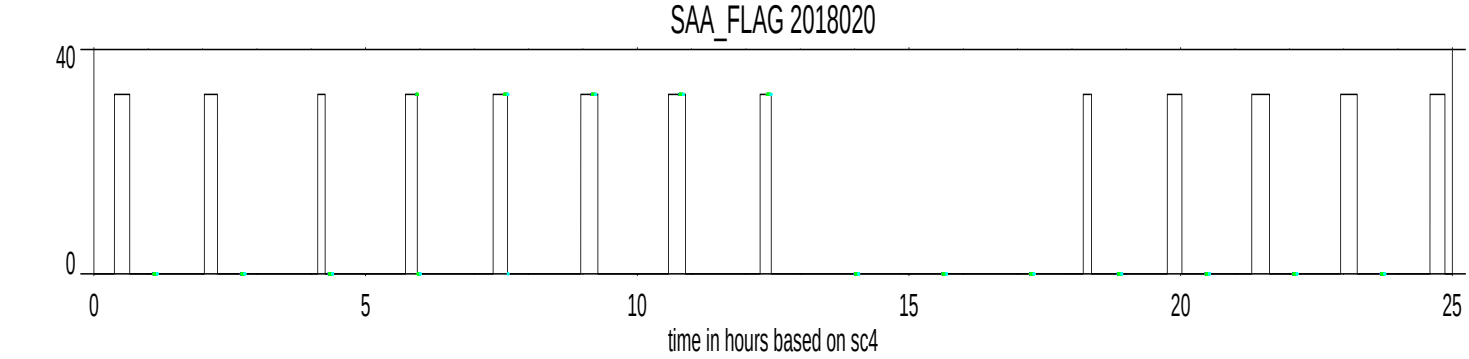


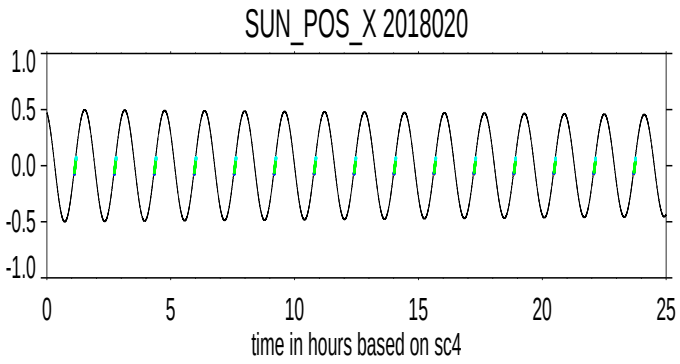

INTERNAL ERROR 2018020
16
8
0
0
5
10
15
20
25
time in hours based on sc4

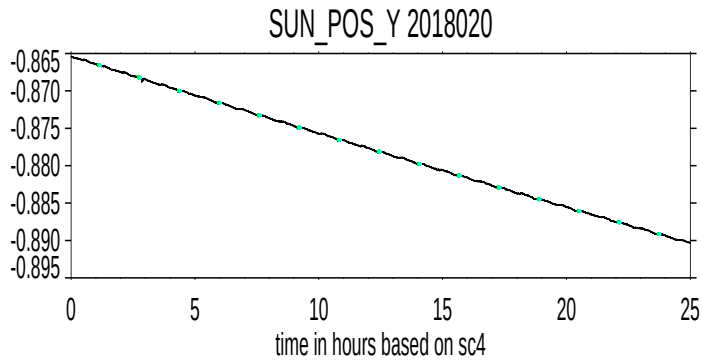

ERRORS 2018020
safe_bit
edac_err
gci_err
0
5
10
15
20
25
time in hours based on sc4

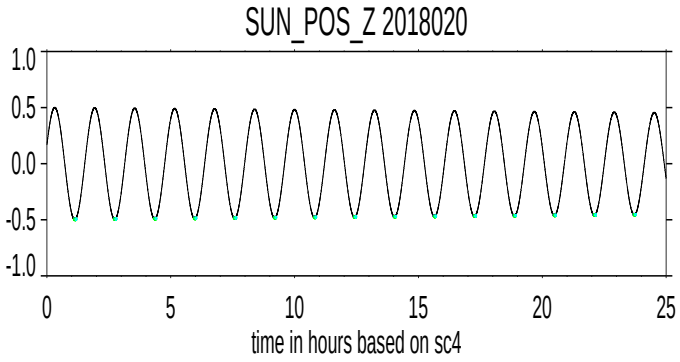

ODC STATUS 2018020
2
1
0
0
5
10
15
20
25
time in hours based on sc4

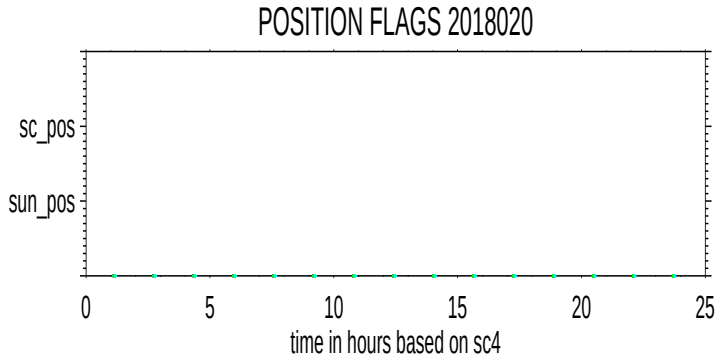

ZONES (0=non-saa,1=saa,2=n.pole,3=s.pole)
4
0
0
5
10
15
20
25
time in hours based on sc4

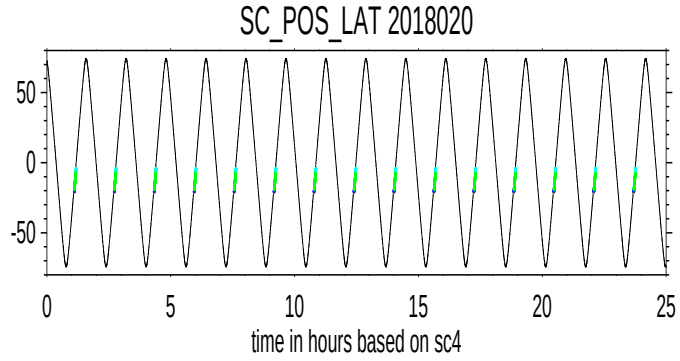

SAA_FLAG 2018020
40
0
0
5
10
15
20
25
time in hours based on sc4

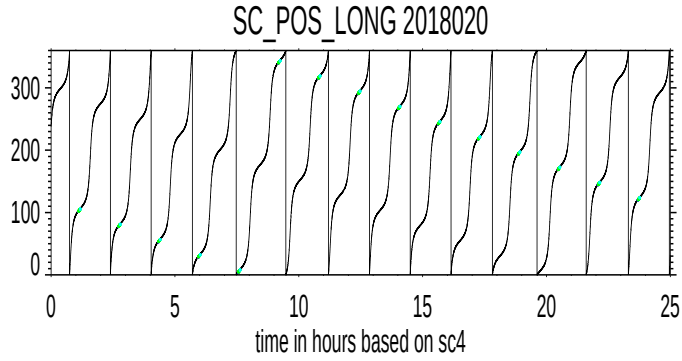

SUN_POS_X 2018020
1.0
0.5
0.0
-0.5
-1.0
0
5
10
15
20
25
time in hours based on sc4

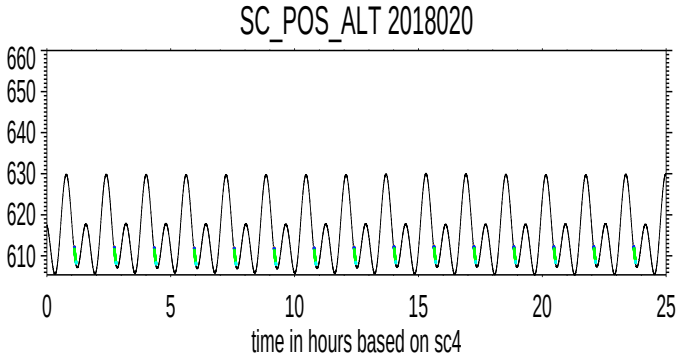

SUN_POS_Y 2018020
-0.865
-0.870
-0.875
-0.880
-0.885
-0.890
-0.895
0
5
10
15
20
25
time in hours based on sc4

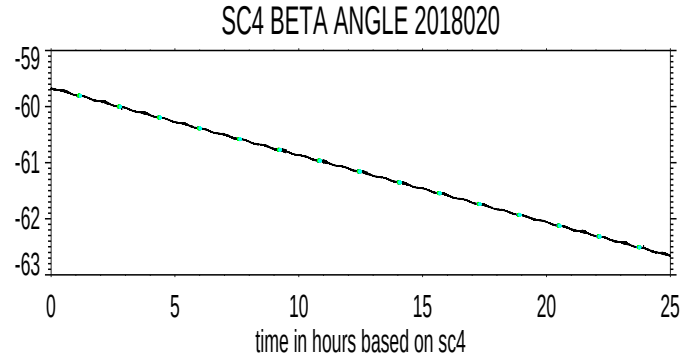

SUN_POS_Z 2018020
1.0
0.5
0.0
-0.5
-1.0
0
5
10
15
20
25
time in hours based on sc4


POSITION FLAGS 2018020
sc_pos
sun_pos
0
5
10
15
20
25
time in hours based on sc4


SC_POS_LAT 2018020
50
0
-50
0
5
10
15
20
25
time in hours based on sc4


SC_POS_LONG 2018020
300
200
100
0
0
5
10
15
20
25
time in hours based on sc4


SC_POS_ALT 2018020
660
650
640
630
620
610
0
5
10
15
20
25
time in hours based on sc4


SC4 BETA ANGLE 2018020
-59
-60
-61
-62
-63
0
5
10
15
20
25
time in hours based on sc4