```
Information for      2018063
03:20:19.000: see_stat[1]: 9 internal error
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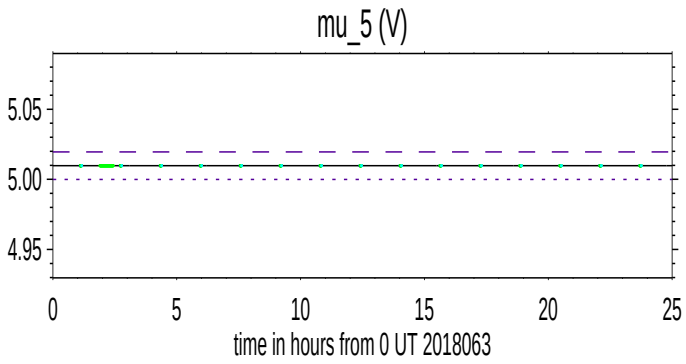
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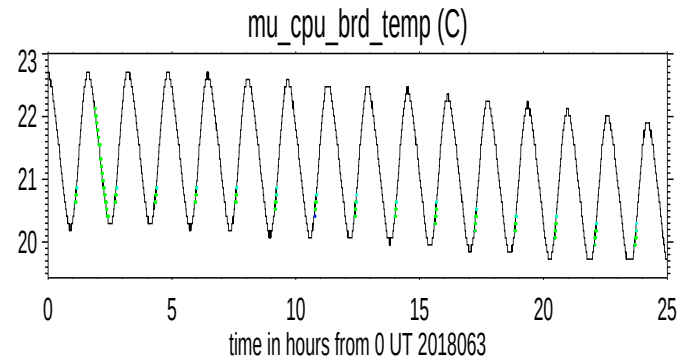
5.05
5.00
4.95
0
5
10
15
20
25
time in hours from 0 UT 2018063


mu_cpu_brd_temp (C)
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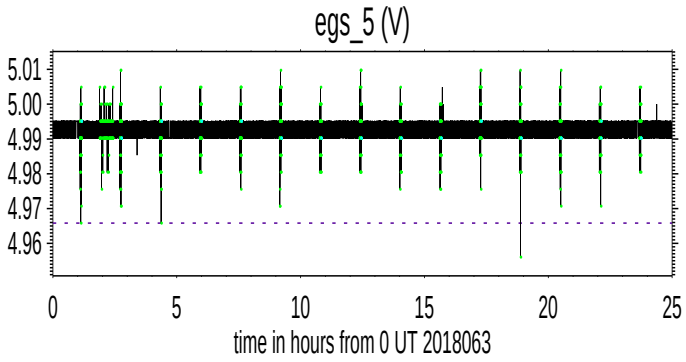
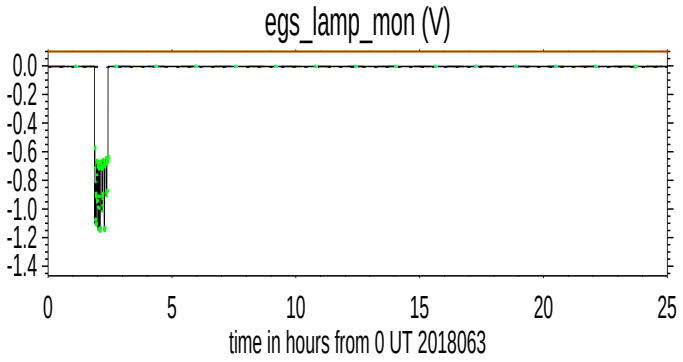
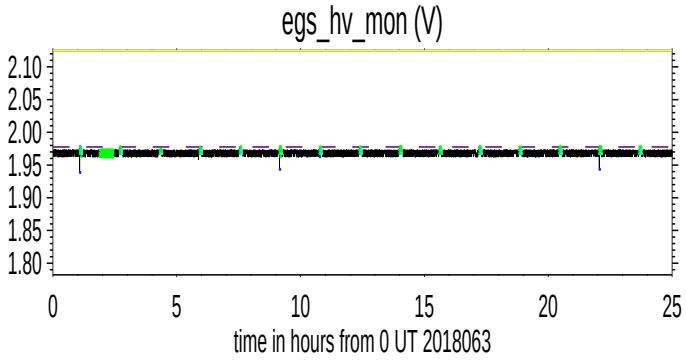
5
10
15
20
25
time in hours from 0 UT 2018063


egs_5 (V)
5.01
5.00
4.99
4.98
4.97
4.96
0
5
10
15
20
25
time in hours from 0 UT 2018063


egs_lamp_mon (V)
0.0
-0.2
-0.4
-0.6
-0.8
-1.0
-1.2
-1.4
0
5
10
15
20
25
time in hours from 0 UT 2018063


egs_hv_mon (V)
2.10
2.05
2.00
1.95
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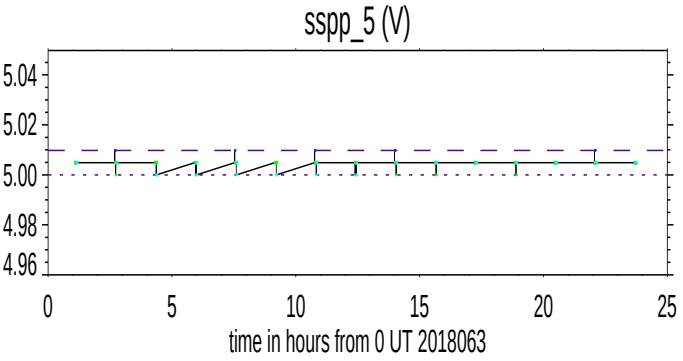
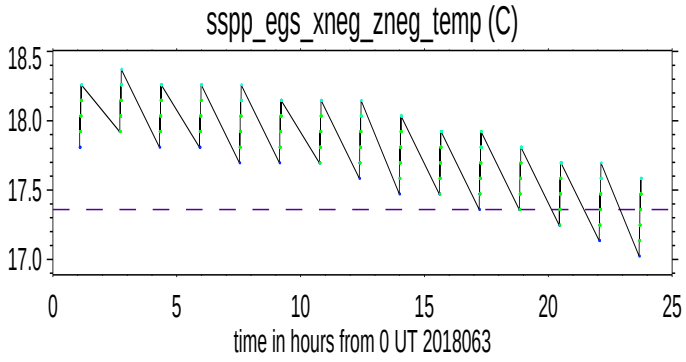
1.80
0
5
10
15
20
25
time in hours from 0 UT 2018063


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 2018063


sspp_egs_xneg_zneg_temp (C)
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18.0
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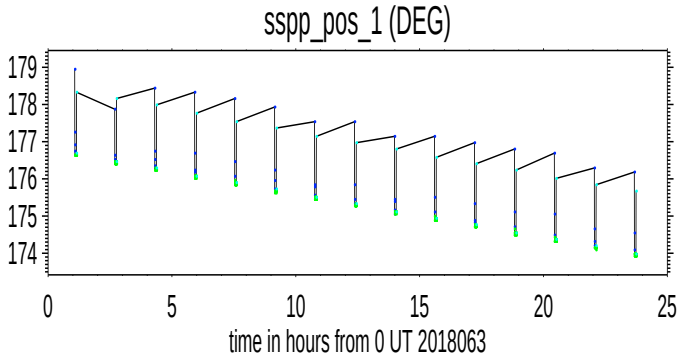
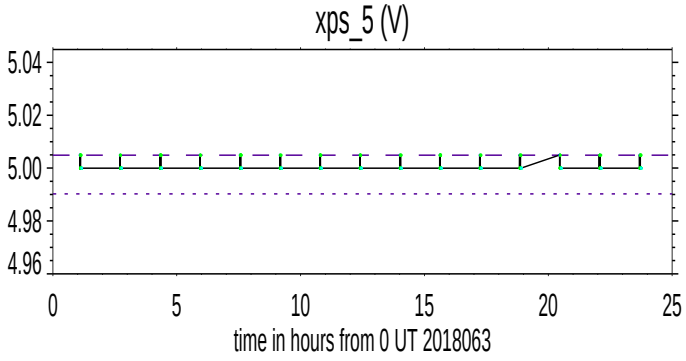
10
15
20
25
time in hours from 0 UT 2018063


sspp_pos_1 (DEG)
179
178
177
176
175
174
0
5
10
15
20
25
time in hours from 0 UT 2018063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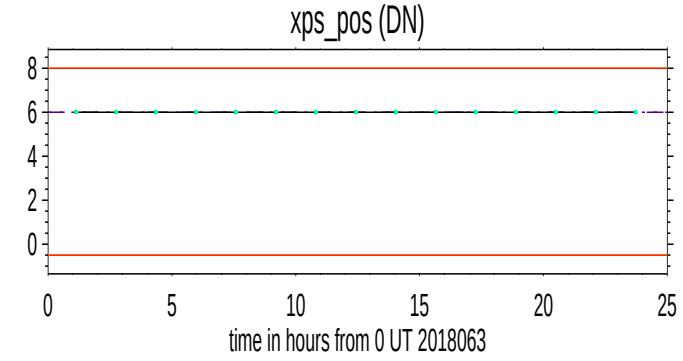
5.02
5.00
4.98
4.96
0
5
10
15
20
25
time in hours from 0 UT 2018063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6
4
2
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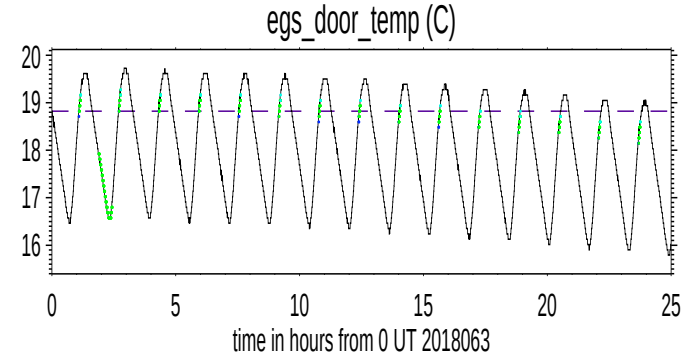
time in hours from 0 UT 2018063


egs_door_temp (C)
20
19
18
17
16
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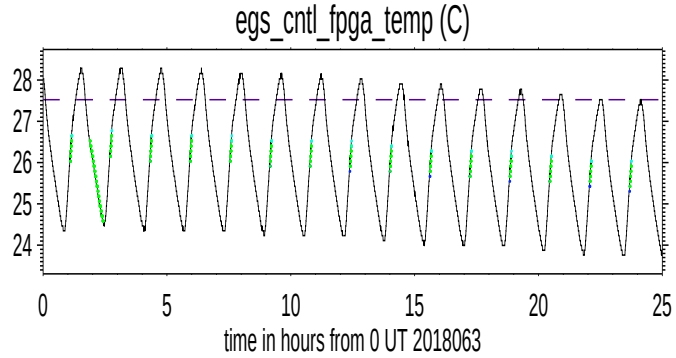
10
15
20
25
time in hours from 0 UT 2018063


egs_cntl_fpga_temp (C)
28
27
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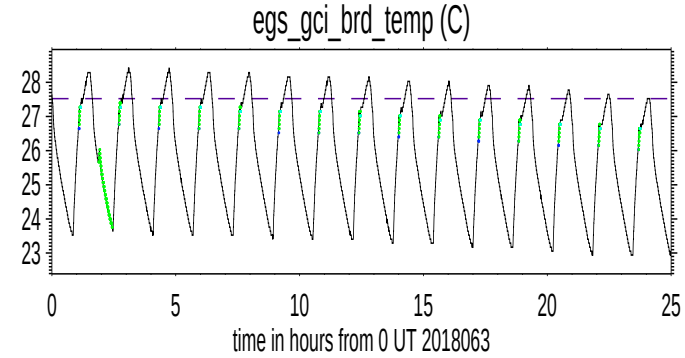
25
24
0
5
10
15
20
25
time in hours from 0 UT 2018063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27
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23
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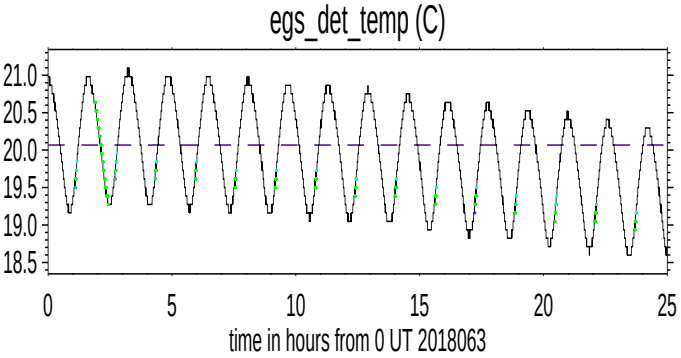
10
15
20
25
time in hours from 0 UT 2018063


egs_det_temp (C)
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20.0
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18.5
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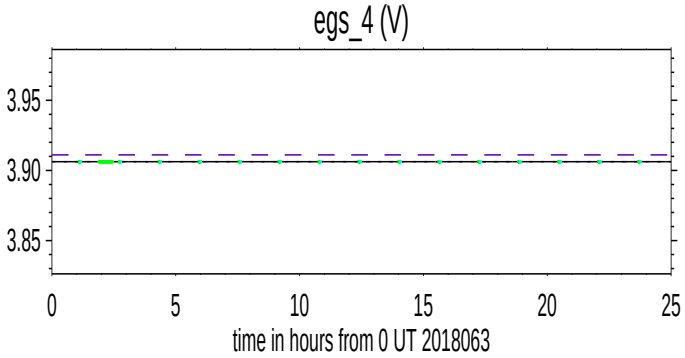
5
10
15
20
25
time in hours from 0 UT 2018063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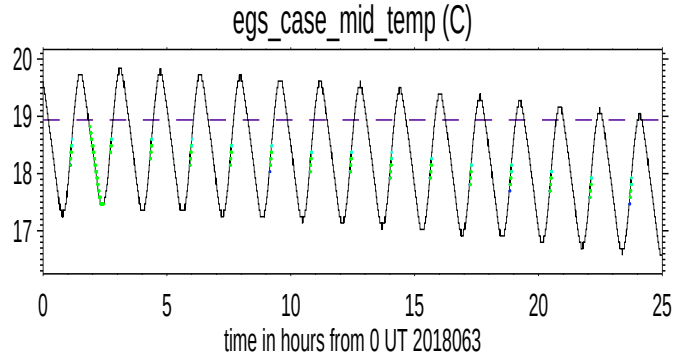
3.90
3.85
0
5
10
15
20
25
time in hours from 0 UT 2018063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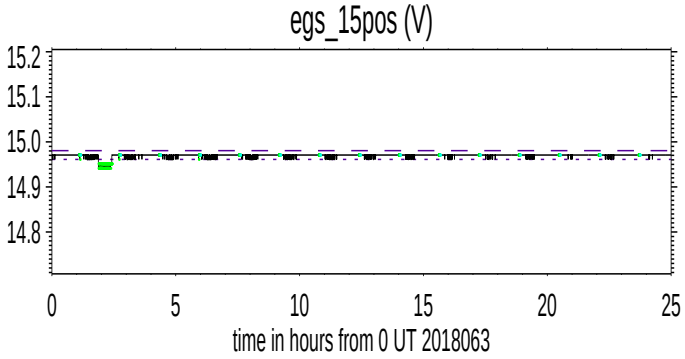
5
10
15
20
25
time in hours from 0 UT 2018063


egs_15pos (V)
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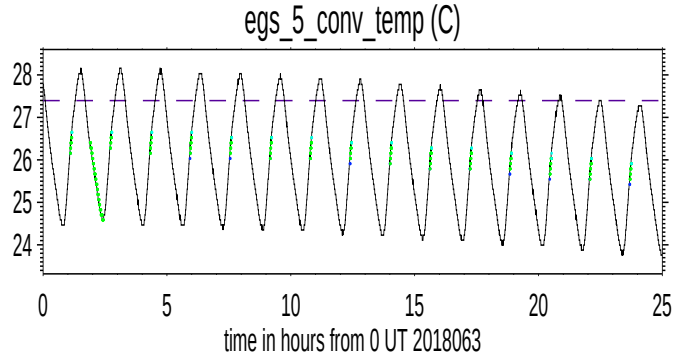
15.1
15.0
14.9
14.8
0
5
10
15
20
25
time in hours from 0 UT 2018063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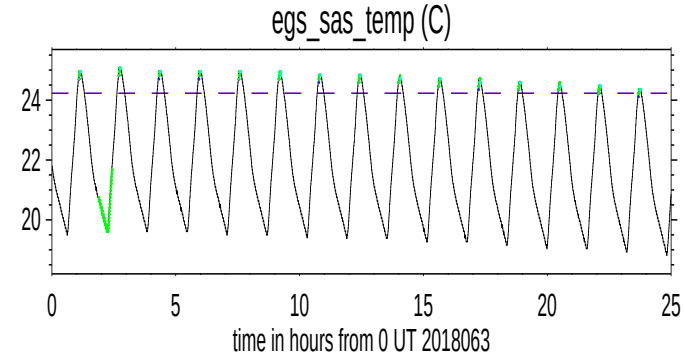
28
27
26
25
24
0
5
10
15
20
25
time in hours from 0 UT 2018063


egs_sas_temp (C)
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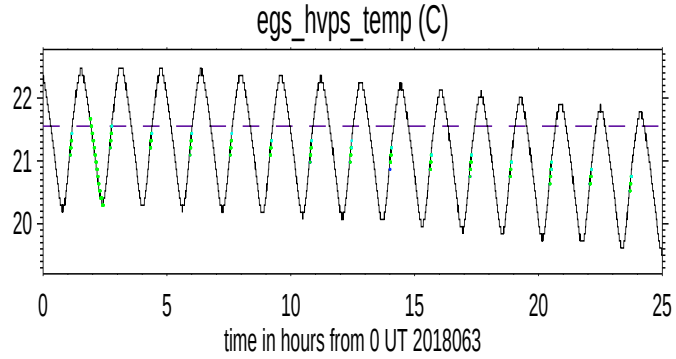
22
20
0
5
10
15
20
25
time in hours from 0 UT 2018063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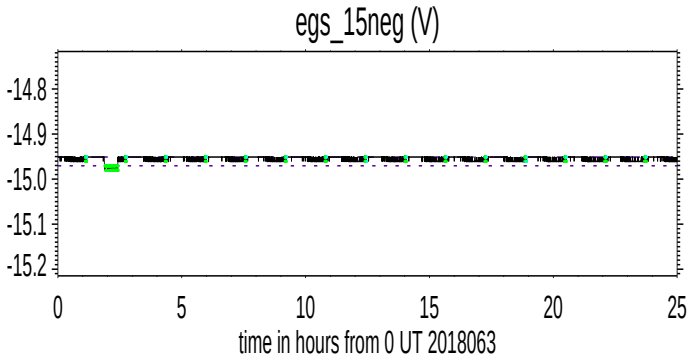
21
20
0
5
10
15
20
25
time in hours from 0 UT 2018063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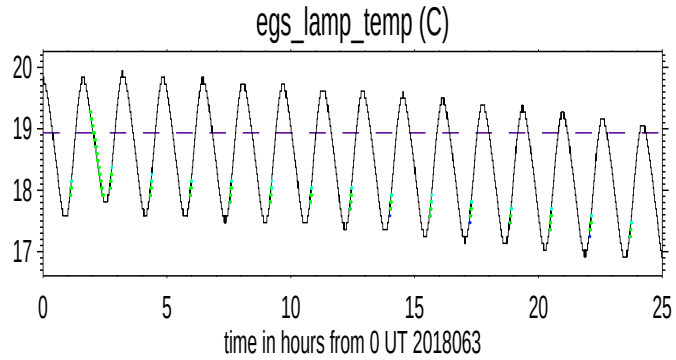
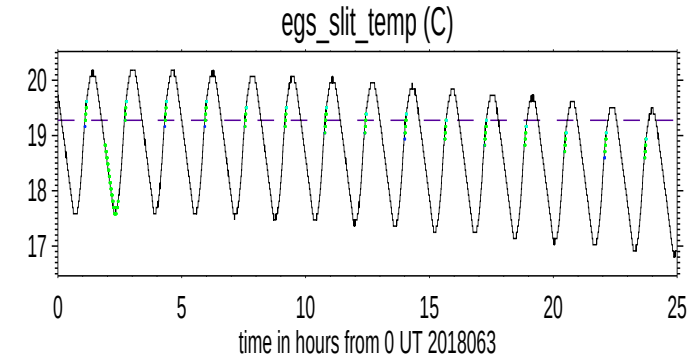
-14.8
-14.9
-15.0
-15.1
-15.2
0 5 10 15 20 25
time in hours from 0 UT 2018063


egs_lamp_temp (C)
20
19
18
17
0 5 10 15 20 25
time in hours from 0 UT 2018063


egs_slit_temp (C)
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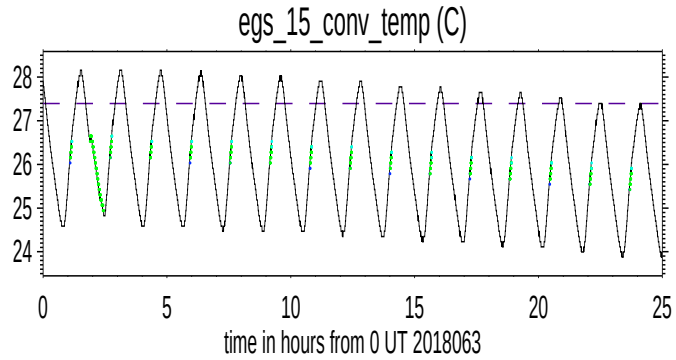
19
18
17
0 5 10 15 20 25
time in hours from 0 UT 2018063


egs_15_conv_temp (C)
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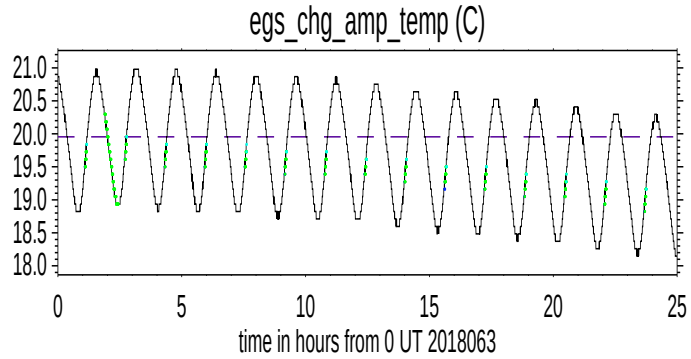
27
26
25
24
0 5 10 15 20 25
time in hours from 0 UT 2018063


egs_chg_amp_temp (C)
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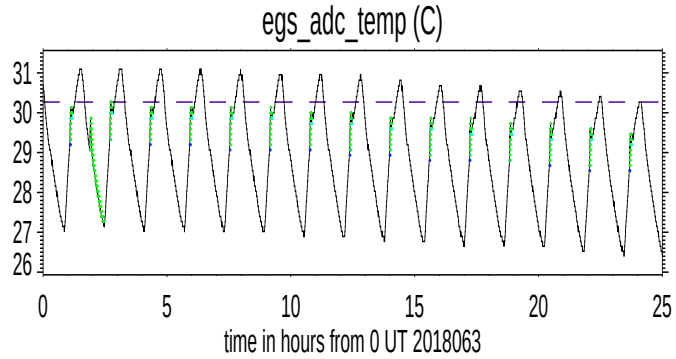
20.5
20.0
19.5
19.0
18.5
18.0
0 5 10 15 20 25
time in hours from 0 UT 2018063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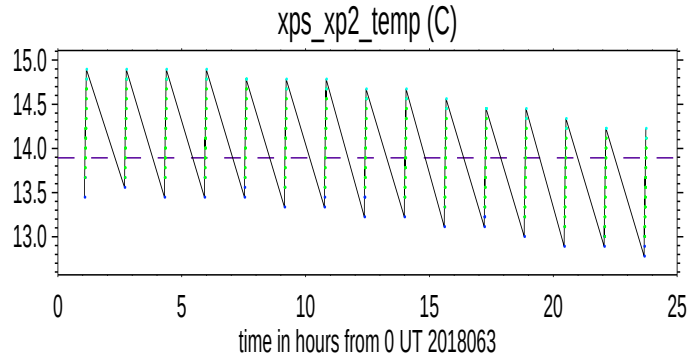
31
30
29
28
27
26
0 5 10 15 20 25
time in hours from 0 UT 2018063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15.0
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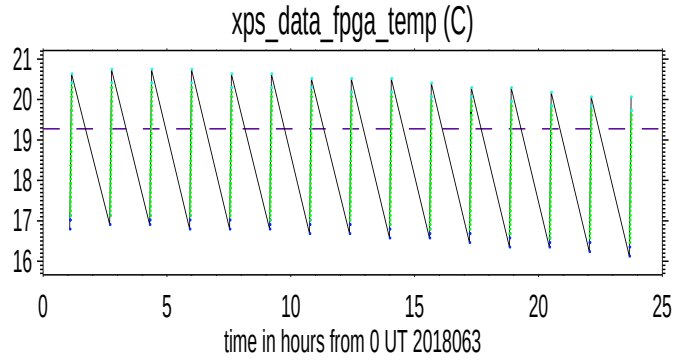
14.0
13.5
13.0
0 5 10 15 20 25
time in hours from 0 UT 2018063


xps_data_fpga_temp (C)
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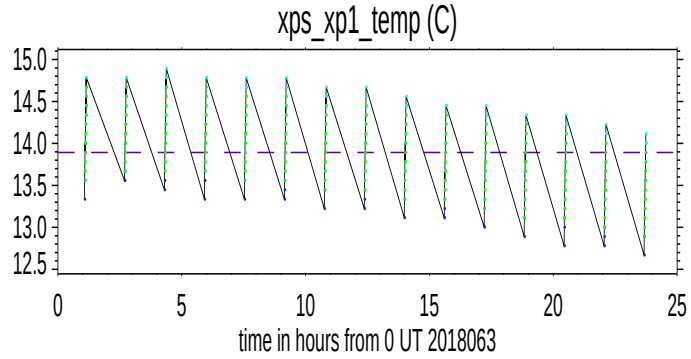
19
18
17
16
0 5 10 15 20 25
time in hours from 0 UT 2018063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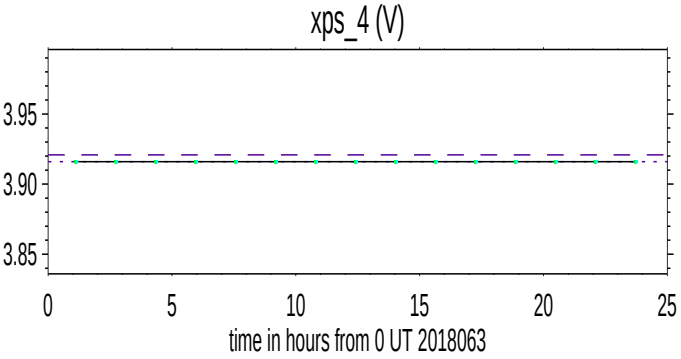
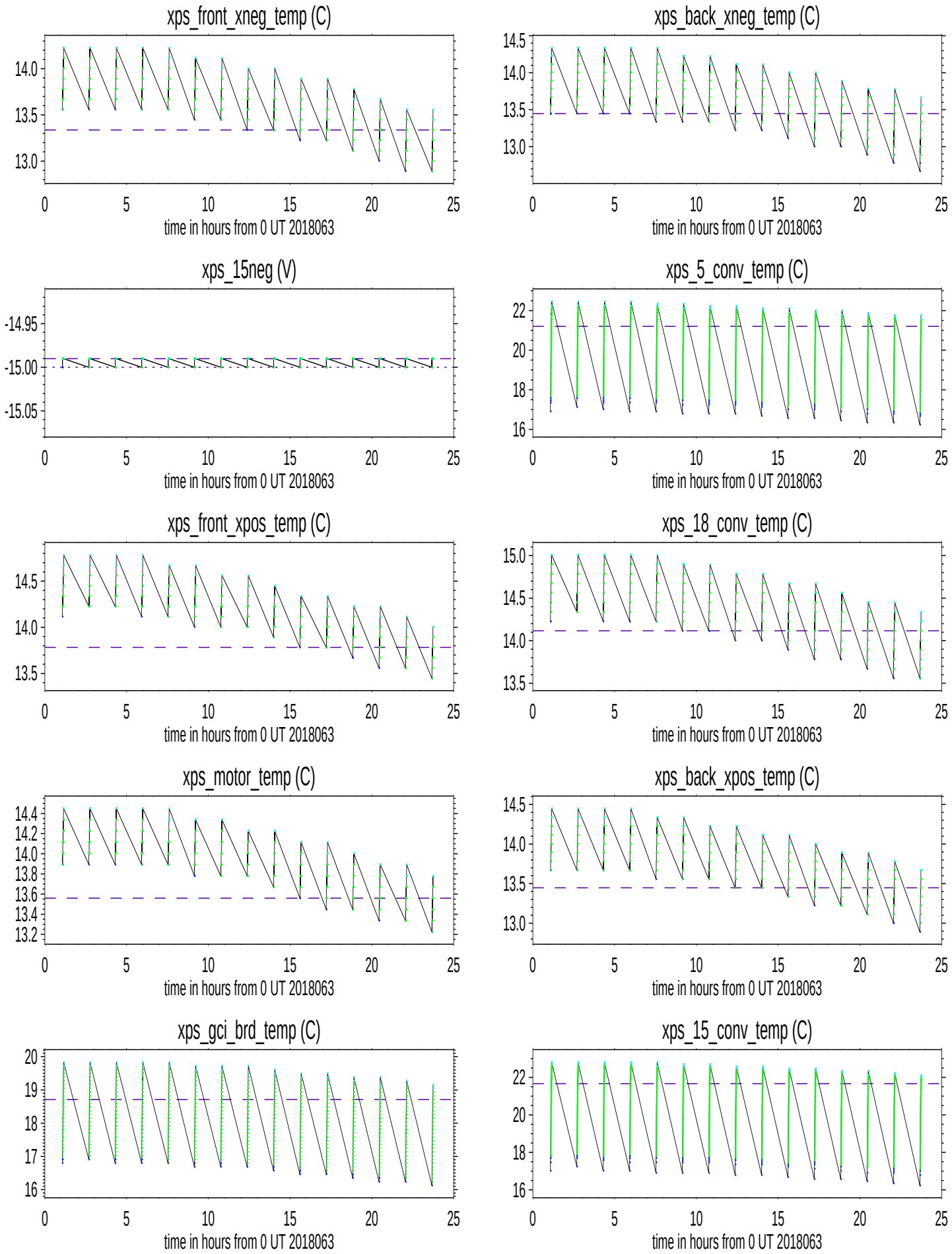
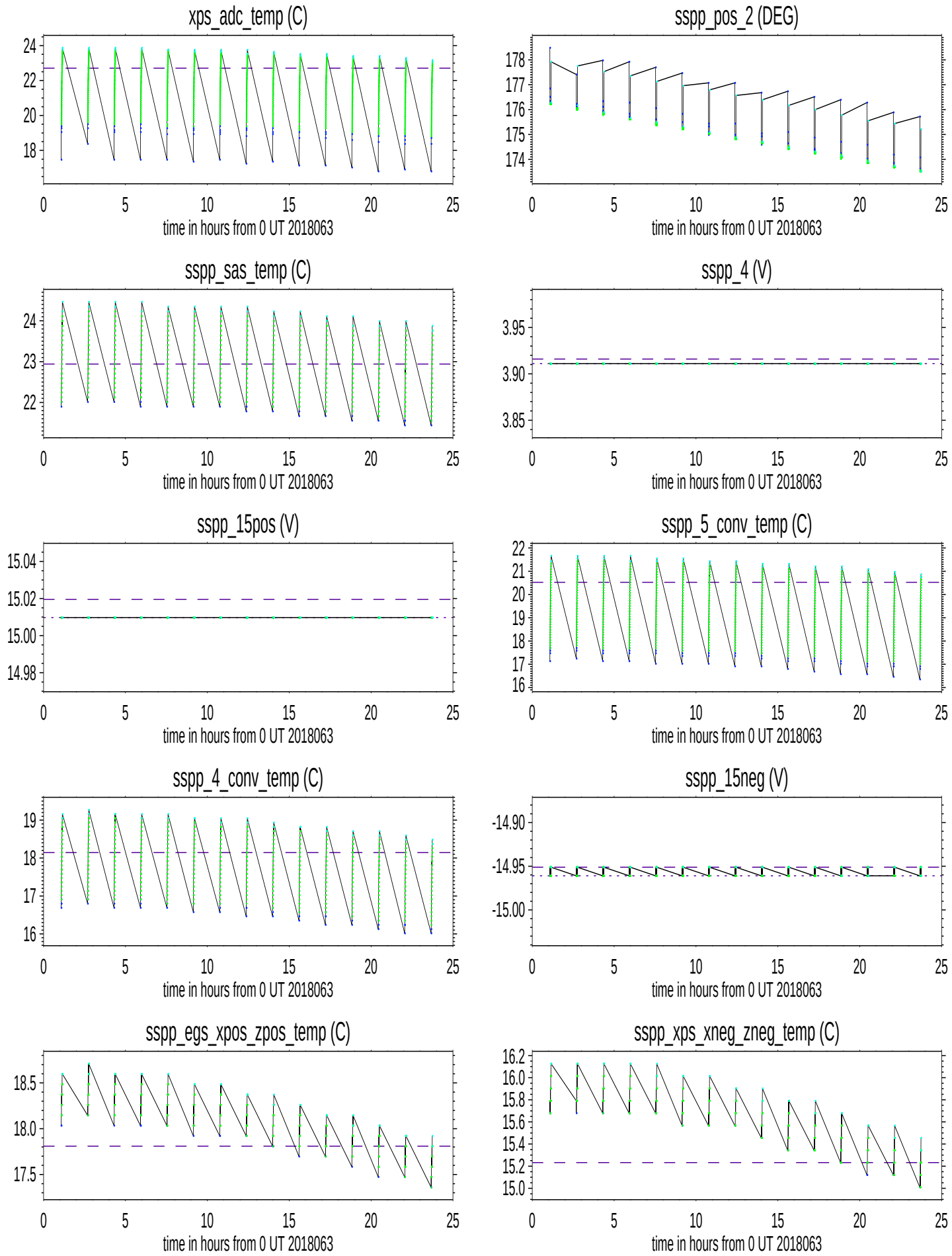
13.5
13.0
12.5
0 5 10 15 20 25
time in hours from 0 UT 2018063


xps_4 (V)
3.95
3.90
3.85
0 5 10 15 20 25
time in hours from 0 UT 2018063


xps_front_xneg_temp (C)
xps_back_xneg_temp (C)
xps_15neg (V)
xps_5_conv_temp (C)
xps_front_xpos_temp (C)
xps_18_conv_temp (C)
xps_motor_temp (C)
xps_back_xpos_temp (C)
xps_gci_brd_temp (C)
xps_15_conv_temp (C)
time in hours from 0 UT 2018063


xps_adc_temp (C)
24
22
20
18
0 5 10 15 20 25
time in hours from 0 UT 2018063
sspp_pos_2 (DEG)
178
177
176
175
174
0 5 10 15 20 25
time in hours from 0 UT 2018063
sspp_sas_temp (C)
24
23
22
0 5 10 15 20 25
time in hours from 0 UT 2018063
sspp_4 (V)
3.95
3.90
3.85
0 5 10 15 20 25
time in hours from 0 UT 2018063
sspp_15pos (V)
15.04
15.02
15.00
14.98
0 5 10 15 20 25
time in hours from 0 UT 2018063
sspp_5_conv_temp (C)
22
21
20
19
18
17
16
0 5 10 15 20 25
time in hours from 0 UT 2018063
sspp_4_conv_temp (C)
19
18
17
16
0 5 10 15 20 25
time in hours from 0 UT 2018063
sspp_15neg (V)
-14.90
-14.95
-15.00
0 5 10 15 20 25
time in hours from 0 UT 2018063
sspp_egs_xpos_zpos_temp (C)
18.5
18.0
17.5
0 5 10 15 20 25
time in hours from 0 UT 2018063
sspp_xps_xneg_zneg_temp (C)
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15.8
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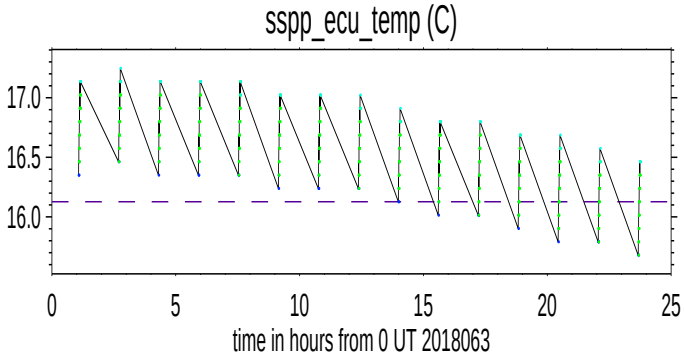
15.4
15.2
15.0
0 5 10 15 20 25
time in hours from 0 UT 2018063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10
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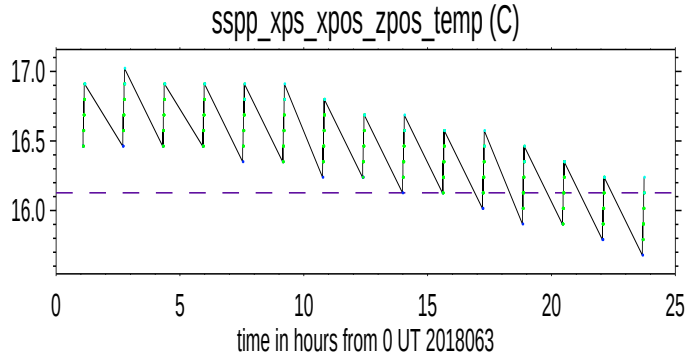
25
time in hours from 0 UT 2018063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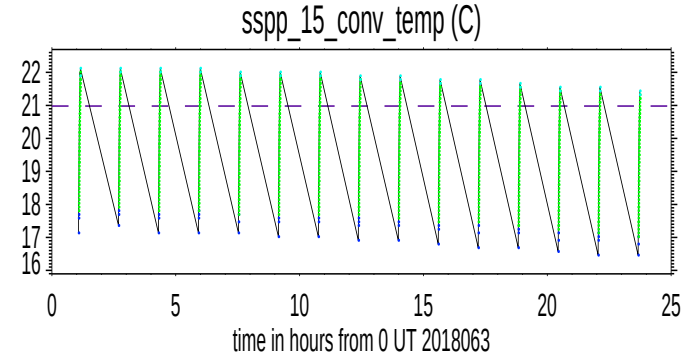
time in hours from 0 UT 2018063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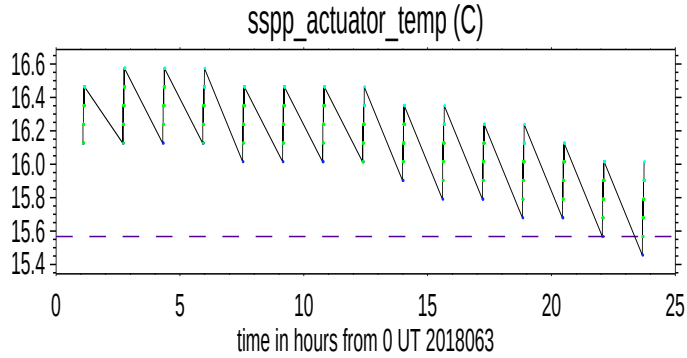
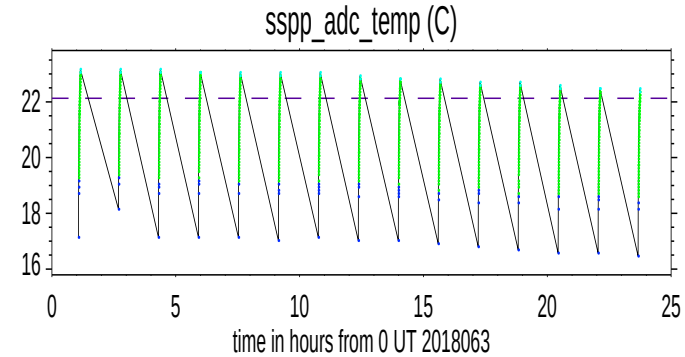
10
15
20
25
time in hours from 0 UT 2018063


sspp_actuator_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 2018063


sspp_adc_temp (C)
22
20
18
16
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5
10
15
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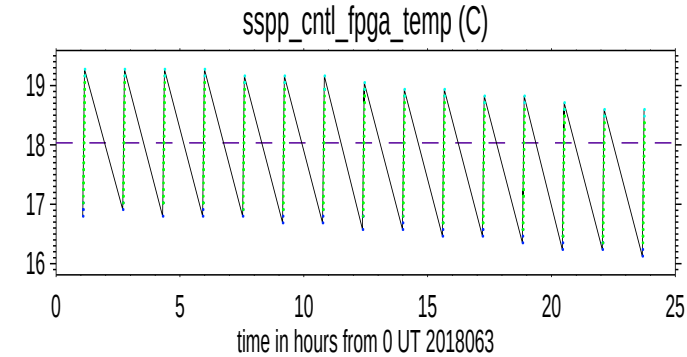
25
time in hours from 0 UT 2018063


sspp_cntl_fpga_temp (C)
19
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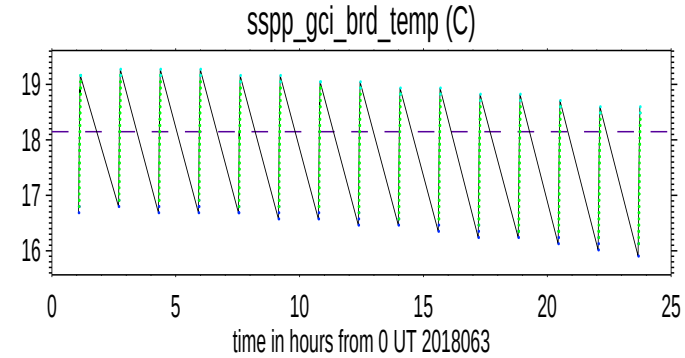
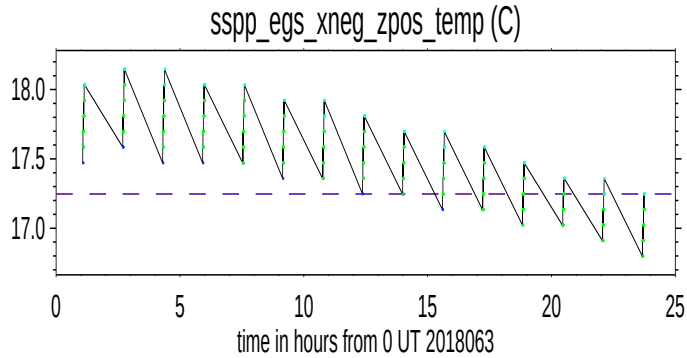
10
15
20
25
time in hours from 0 UT 2018063


sspp_gci_brd_temp (C)
19
18
17
16
0
5
10
15
20
25
time in hours from 0 UT 2018063


sspp_egs_xneg_zpos_temp (C)
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17.5
17.0
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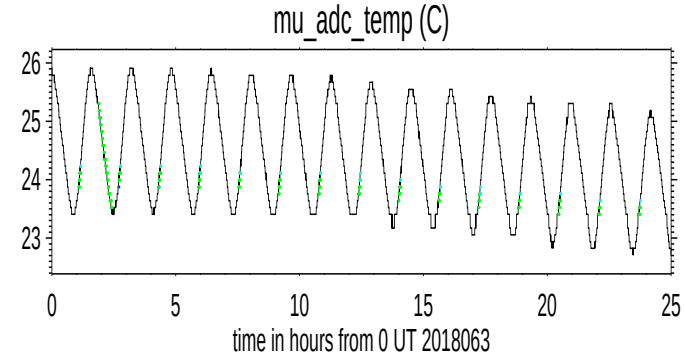
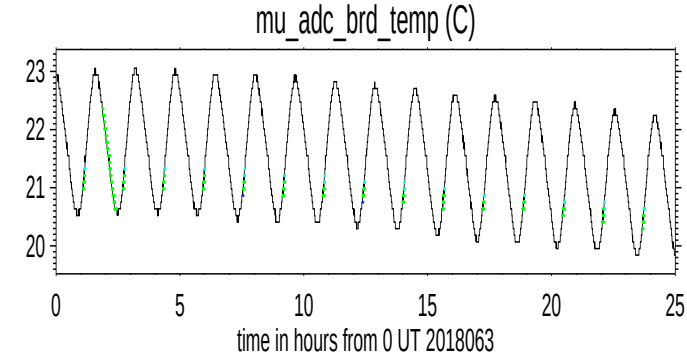
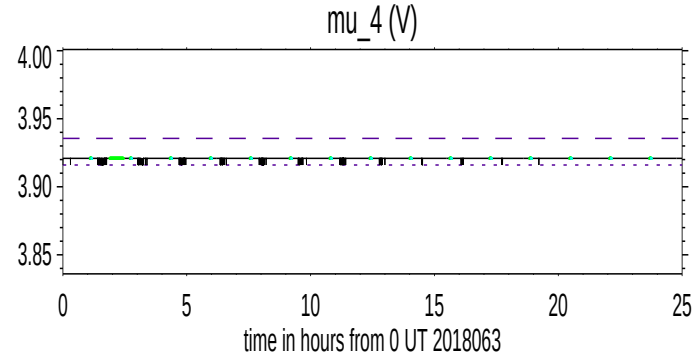
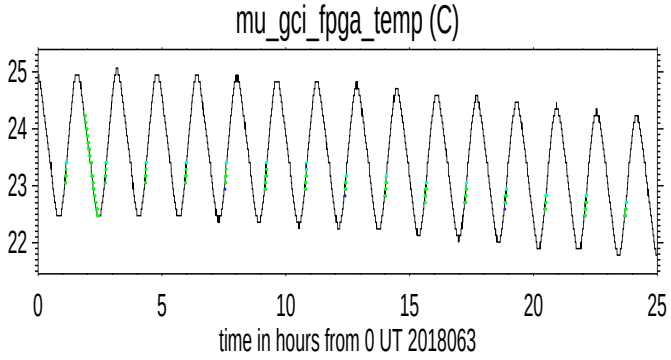
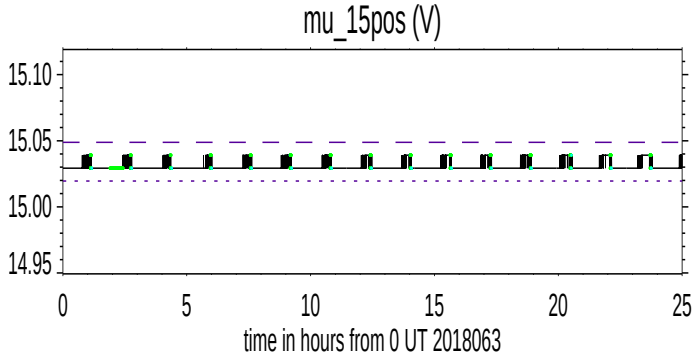
5
10
15
20
25
time in hours from 0 UT 2018063

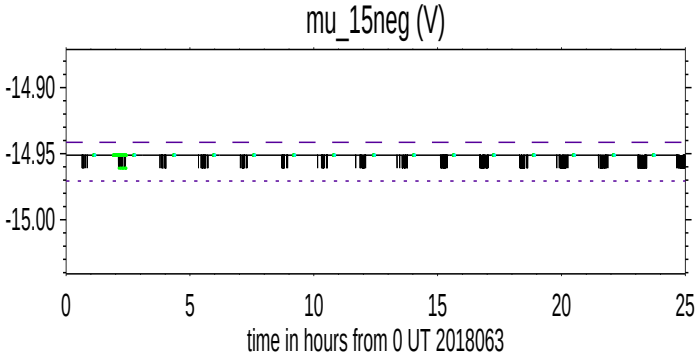

mu_adc_temp (C)
26
25
24
23
0
5
10
15
20
25
time in hours from 0 UT 2018063

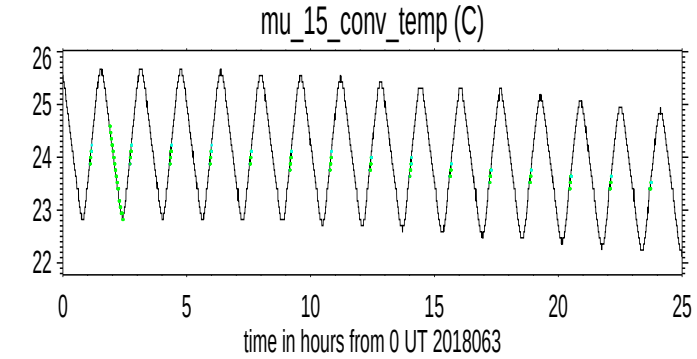

mu_adc_brd_temp (C)
23
22
21
20
0
5
10
15
20
25
time in hours from 0 UT 2018063

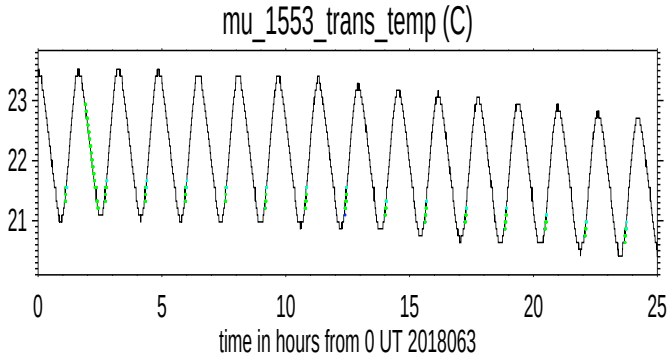

mu_4 (V)
4.00
3.95
3.90
3.85
0
5
10
15
20
25
time in hours from 0 UT 2018063

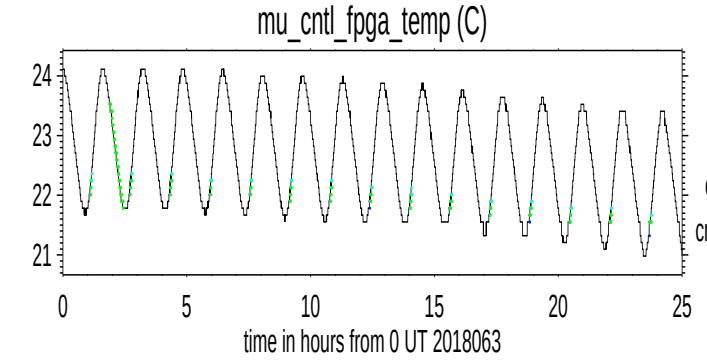

mu_gci_fpga_temp (C)
25
24
23
22
0
5
10
15
20
25
time in hours from 0 UT 2018063

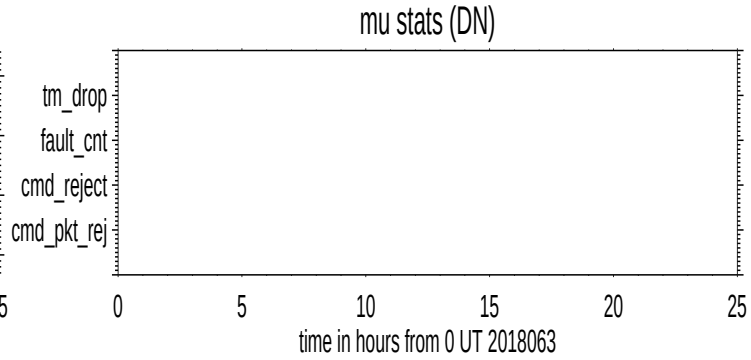

mu_15pos (V)
15.10
15.05
15.00
14.95
0
5
10
15
20
25
time in hours from 0 UT 2018063

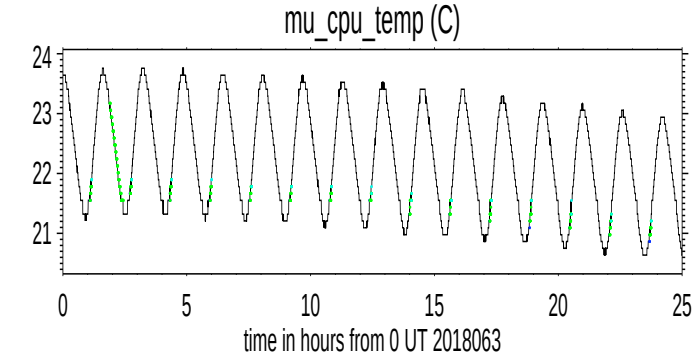

mu_15neg (V)
-14.90
-14.95
-15.00
0
5
10
15
20
25
time in hours from 0 UT 2018063

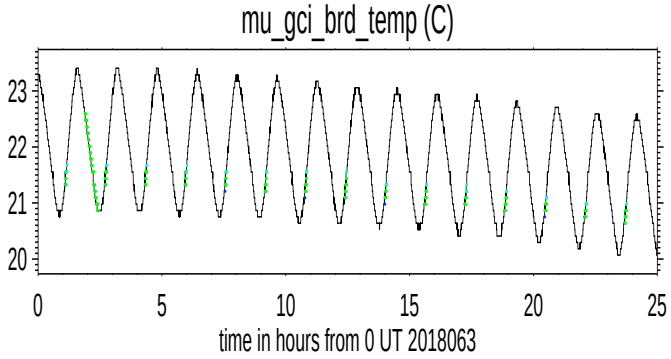

mu_15_conv_temp (C)
26
25
24
23
22
0
5
10
15
20
25
time in hours from 0 UT 2018063

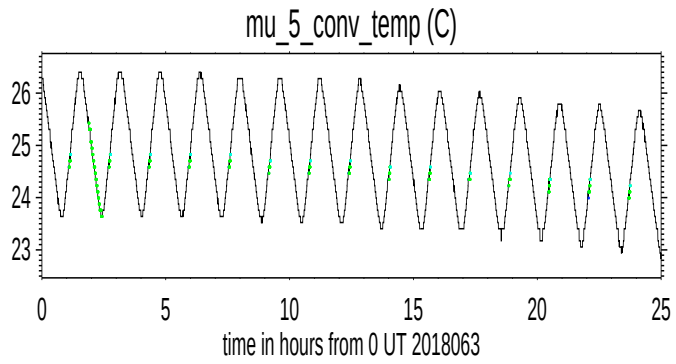

mu_1553_trans_temp (C)
23
22
21
0
5
10
15
20
25
time in hours from 0 UT 2018063

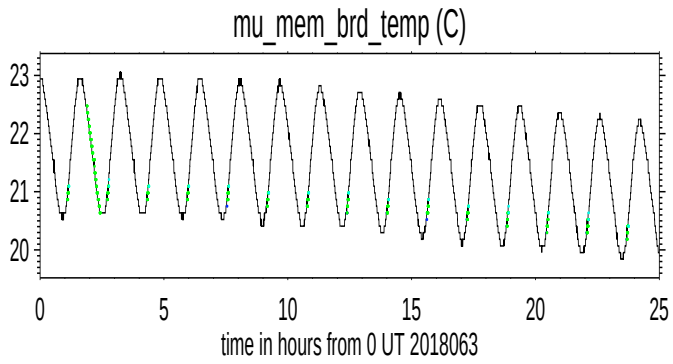

mu_cntl_fpga_temp (C)
24
23
22
21
0
5
10
15
20
25
time in hours from 0 UT 2018063

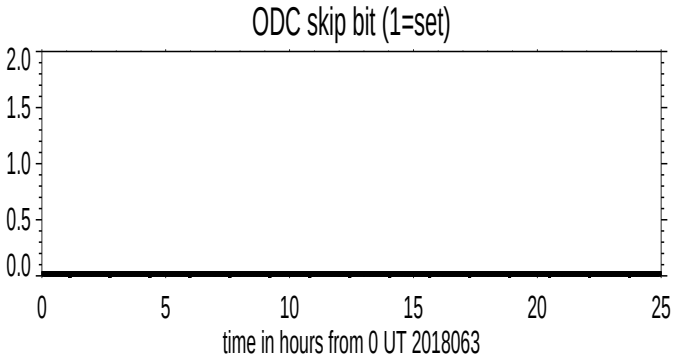

mu stats (DN)
tm_drop
fault_cnt
cmd_reject
cmd_pkt_rej
0
5
10
15
20
25
time in hours from 0 UT 2018063

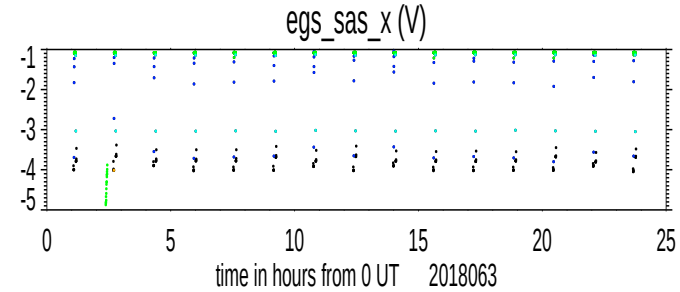

mu_cpu_temp (C)
24
23
22
21
0
5
10
15
20
25
time in hours from 0 UT 2018063

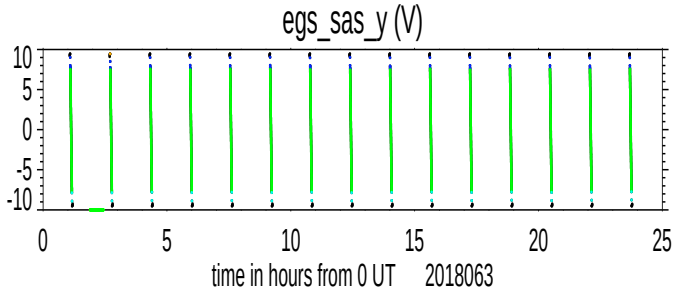

mu_gci_brd_temp (C)
23
22
21
20
0
5
10
15
20
25
time in hours from 0 UT 2018063

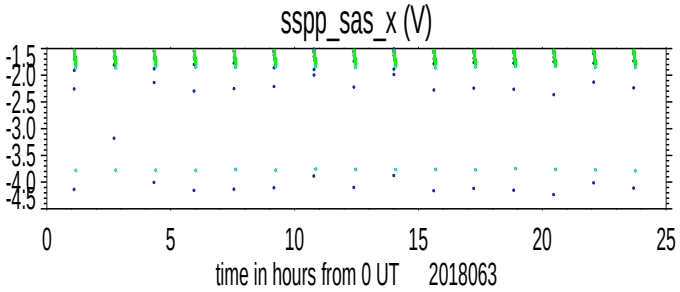

mu_5_conv_temp (C)
26
25
24
23
0
5
10
15
20
25
time in hours from 0 UT 2018063

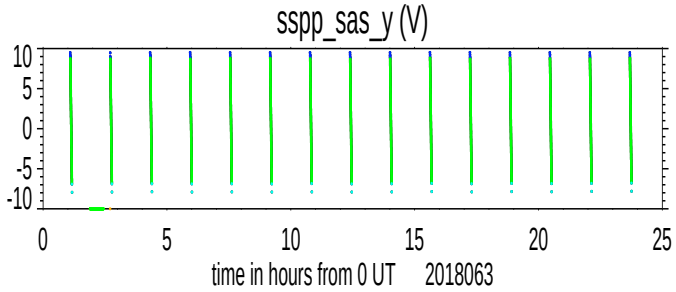

mu_mem_brd_temp (C)
23
22
21
20
0
5
10
15
20
25
time in hours from 0 UT 2018063

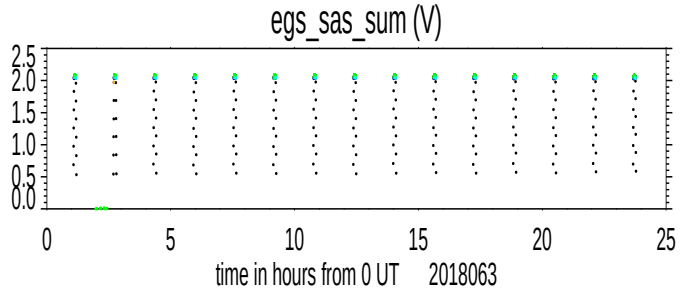

ODC skip bit (1=set)
2.0
1.5
1.0
0.5
0.0
0
5
10
15
20
25
time in hours from 0 UT 2018063

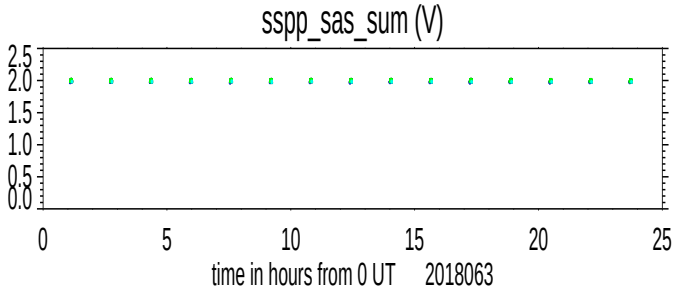

egs_sas_x (V)
time in hours from 0 UT 2018063

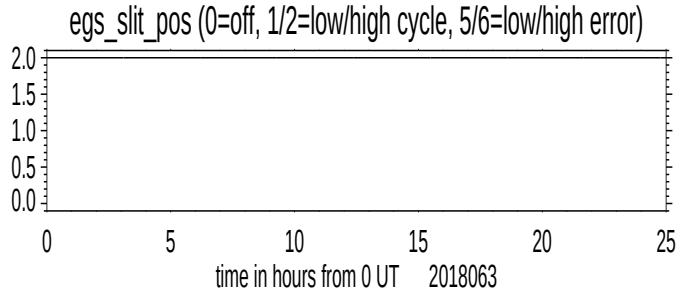

egs_sas_y (V)
time in hours from 0 UT 2018063

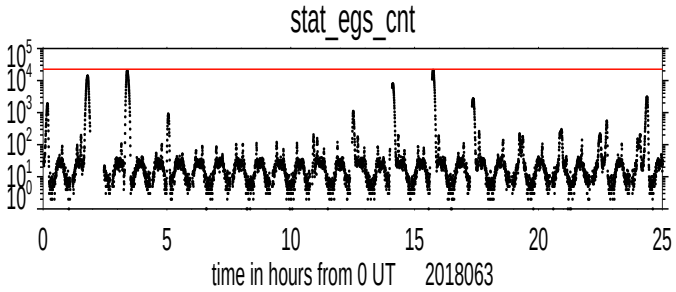

sspp_sas_x (V)
time in hours from 0 UT 2018063

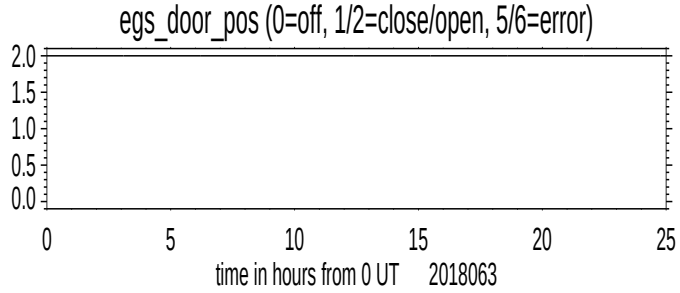

sspp_sas_y (V)
time in hours from 0 UT 2018063

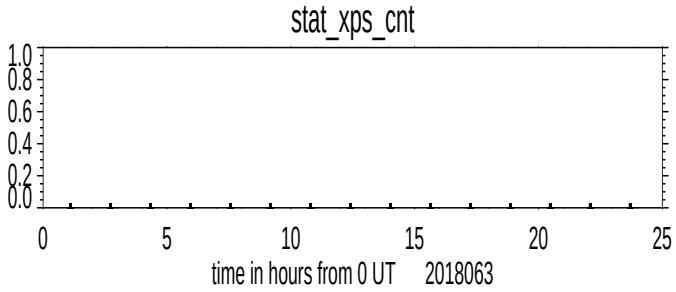

egs_sas_sum (V)
time in hours from 0 UT 2018063

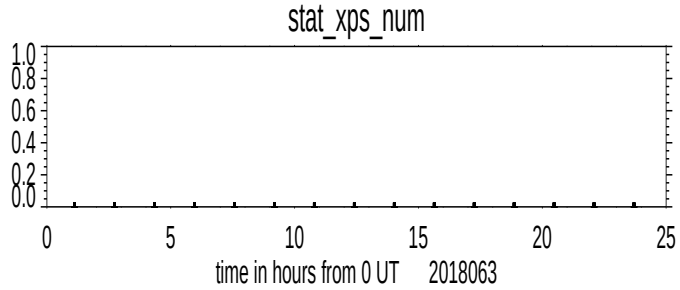

sspp_sas_sum (V)
time in hours from 0 UT 2018063

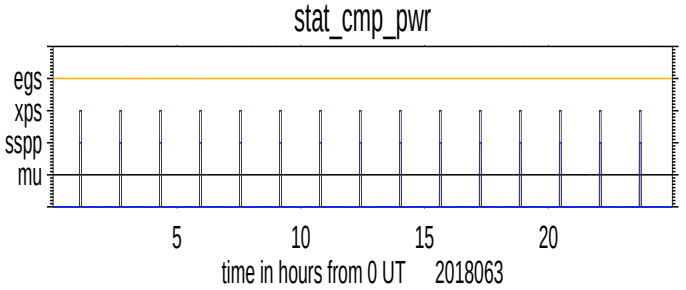

egs_slit_pos (0=off, 1/2=low/high cycle, 5/6=low/high error)
time in hours from 0 UT 2018063


stat_egs_cnt
time in hours from 0 UT 2018063

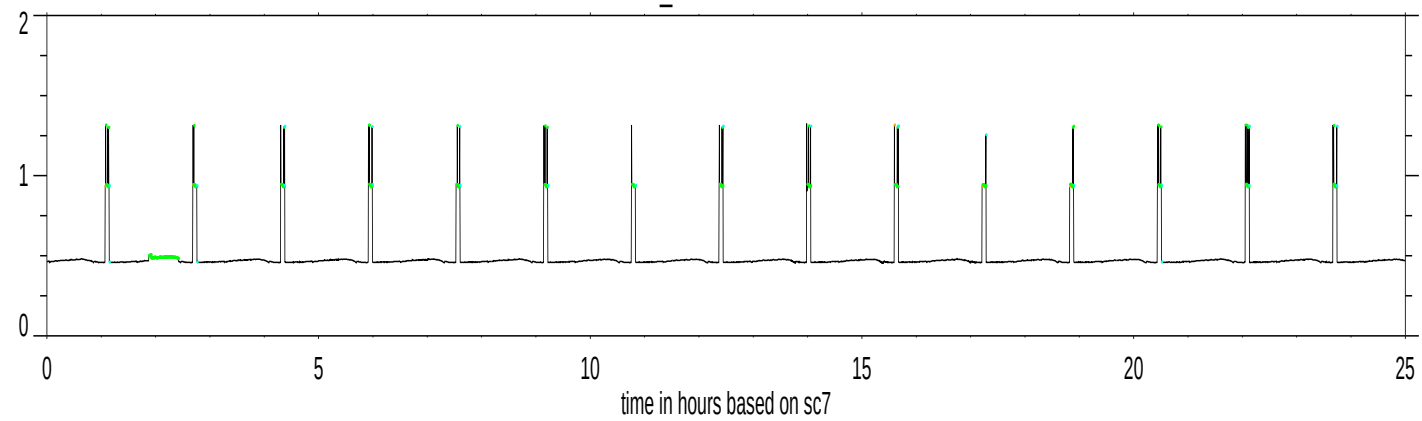

egs_door_pos (0=off, 1/2=close/open, 5/6=error)
time in hours from 0 UT 2018063


stat_xps_cnt
time in hours from 0 UT 2018063

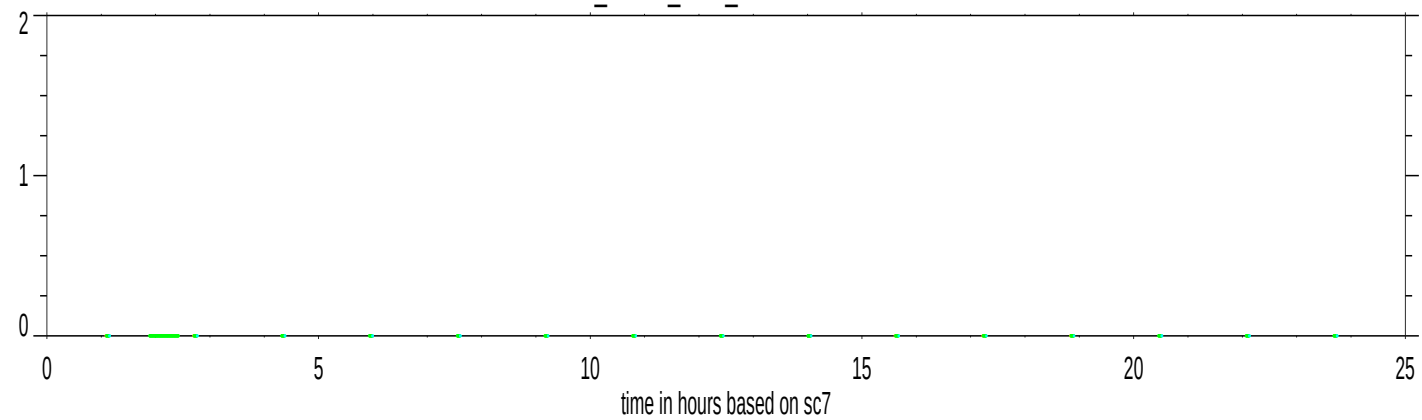

stat_xps_num
time in hours from 0 UT 2018063


stat_cmp_pwr
egs
xps
sspp
mu
time in hours from 0 UT 2018063

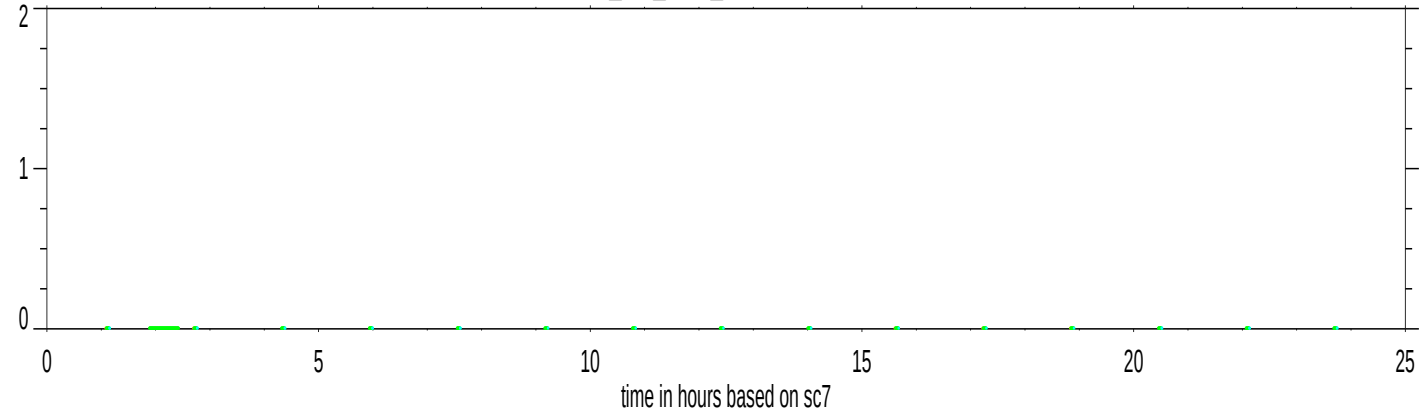
SEE_CUR 2018063



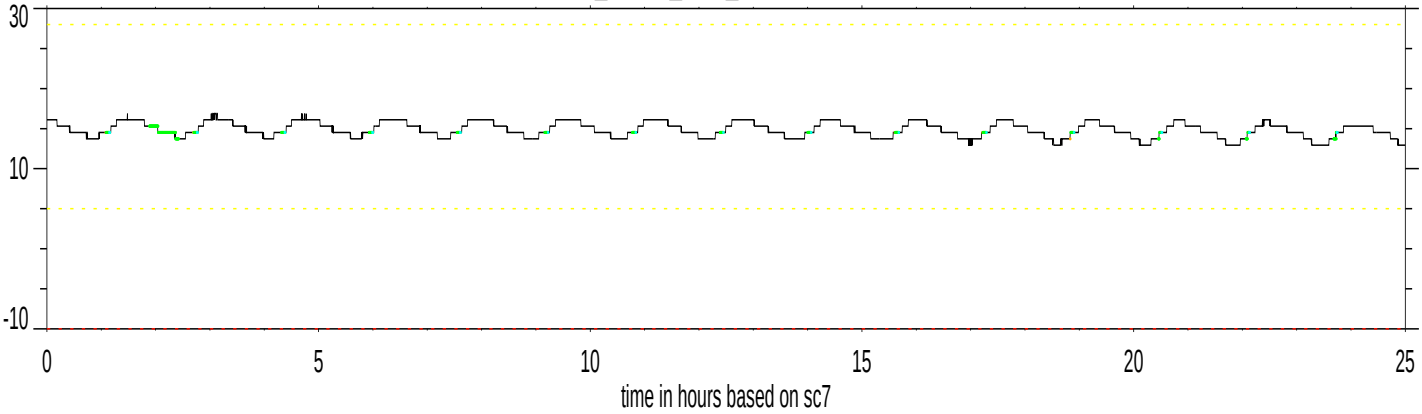
SEE_SURV_HTR_CUR 2018063



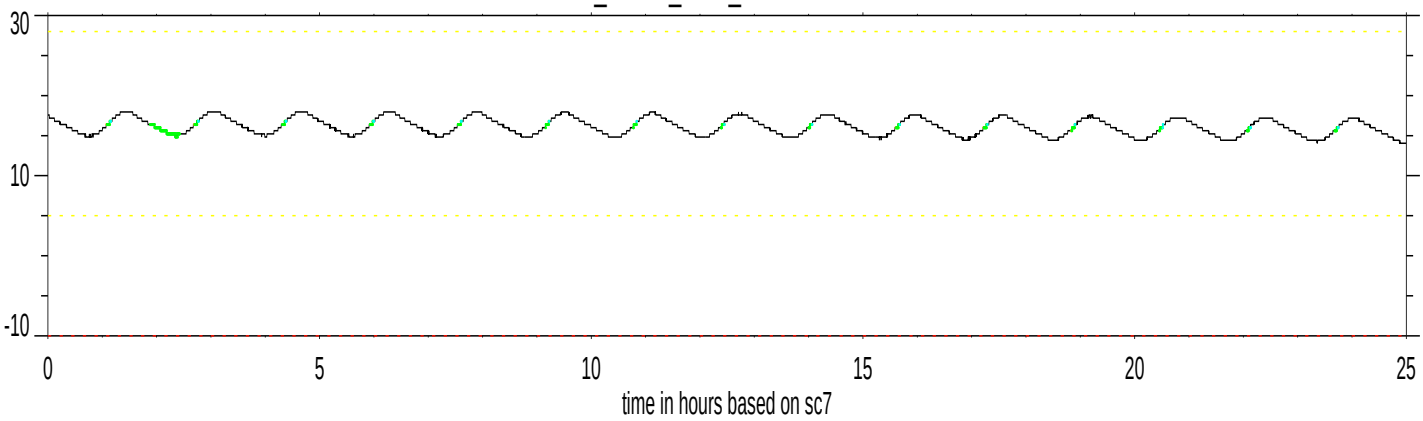
SEE_OP_HTR_CUR 2018063



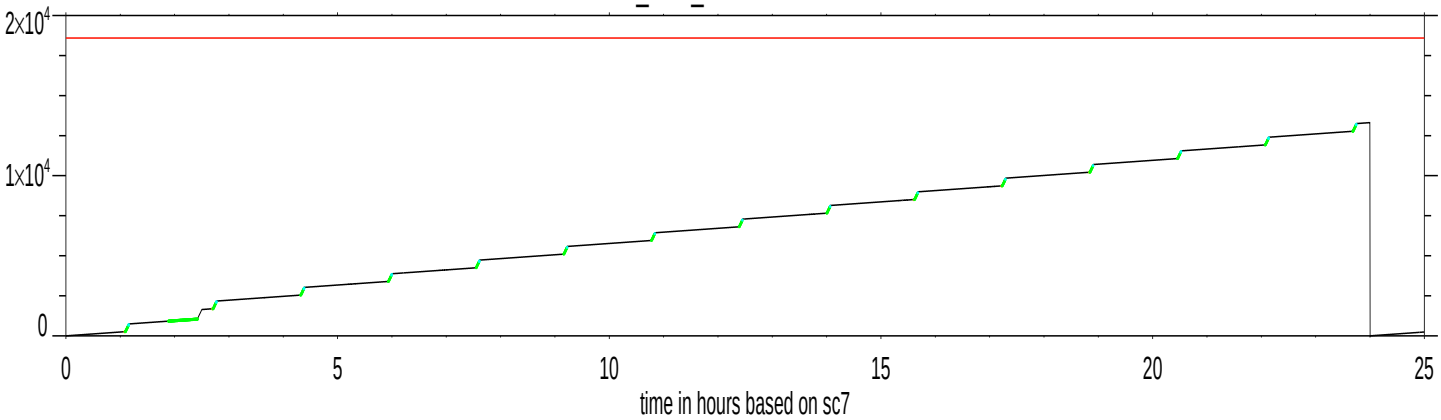
SSPP_BHND_XPS_TEMP 2018063



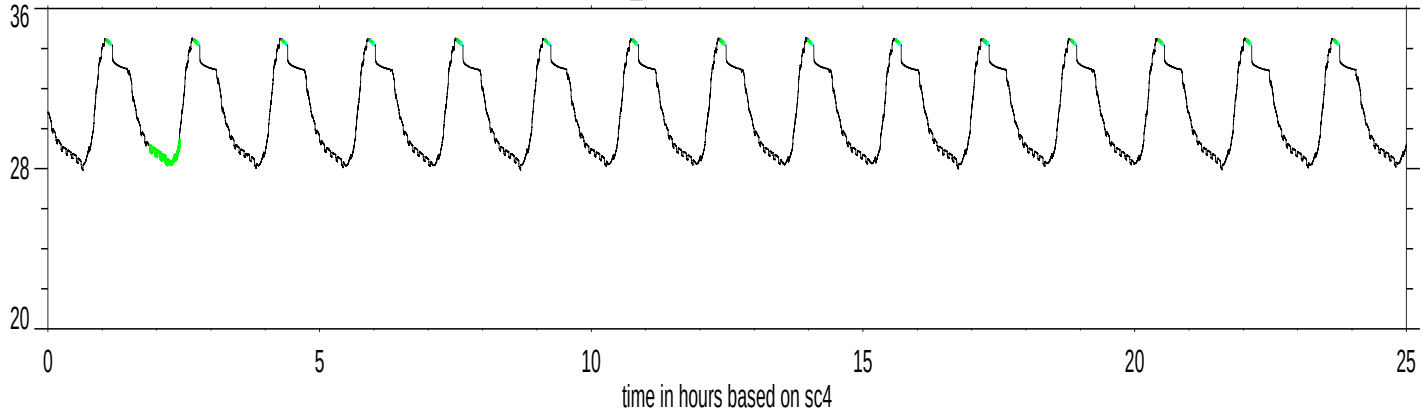
SSPP_BHND_MTR_TEMP 2018063



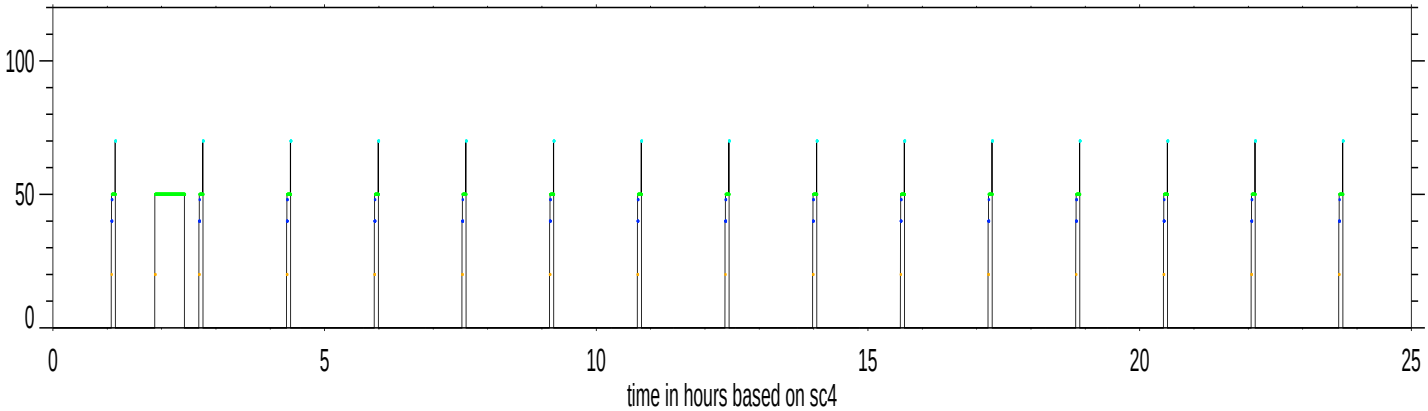
SEE_PKT_COUNT 2018063

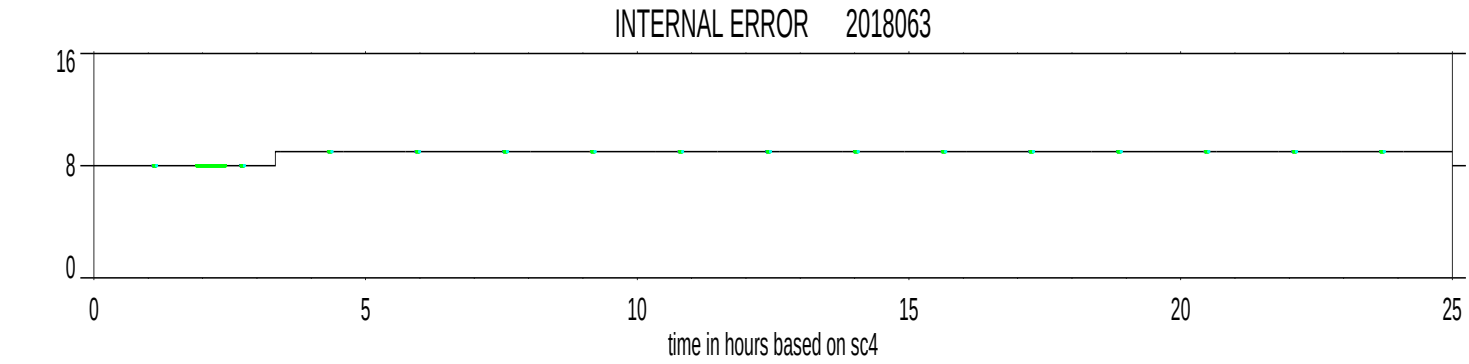


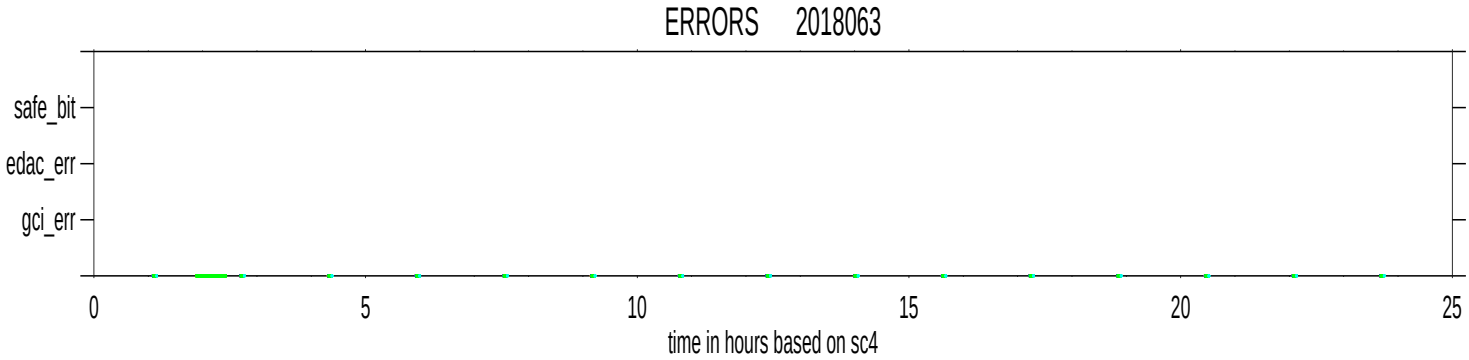
BUS_VOLTAGE 2018063

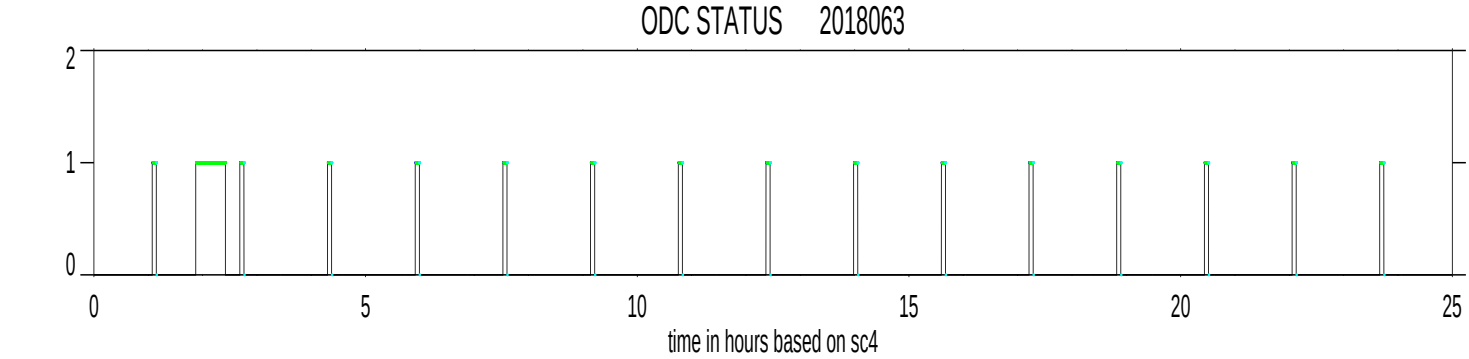


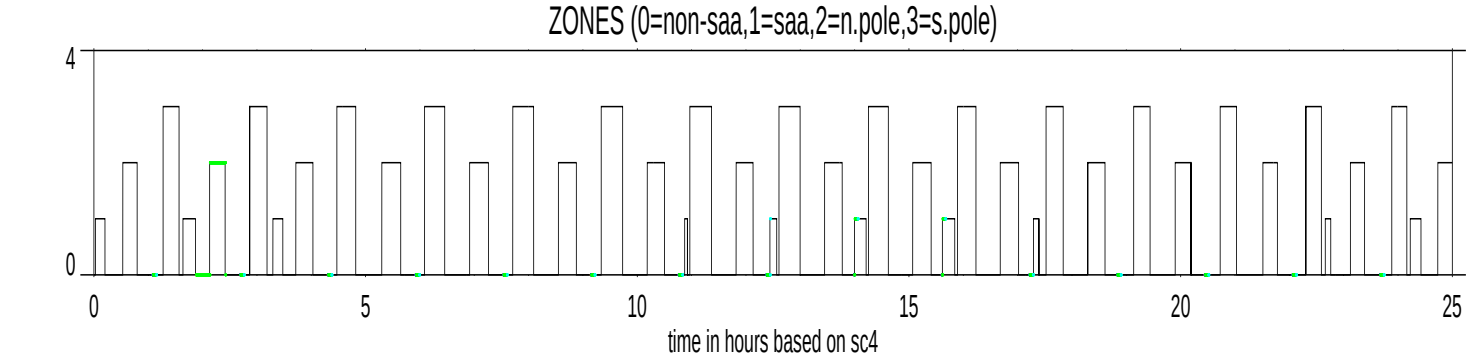
SEE_MU Operational Mode 2018063

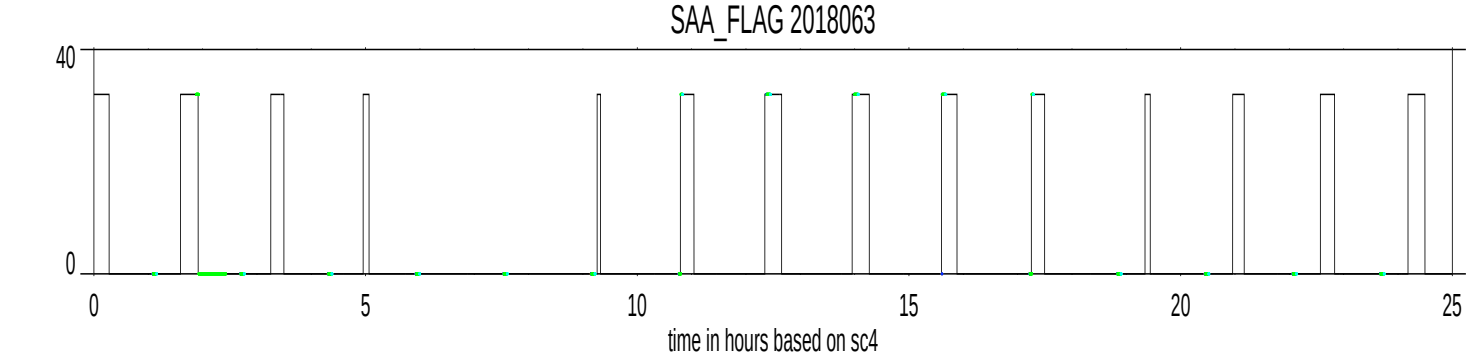


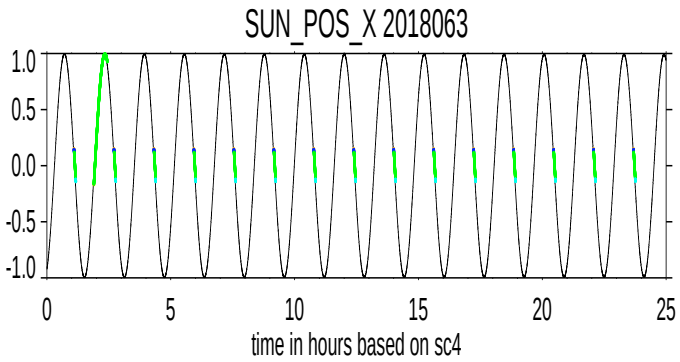

INTERNAL ERROR 2018063
16
8
0
0
5
10
15
20
25
time in hours based on sc4

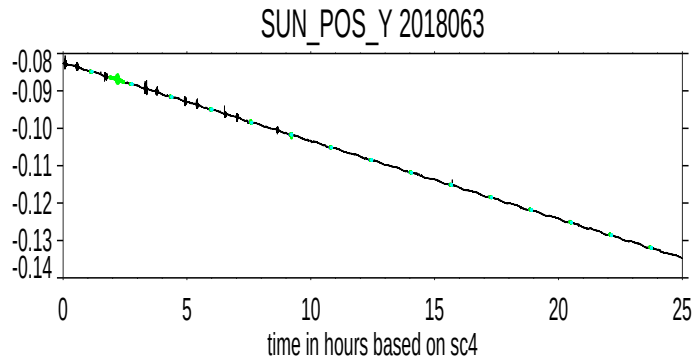

ERRORS 2018063
safe_bit
edac_err
gci_err
0
5
10
15
20
25
time in hours based on sc4

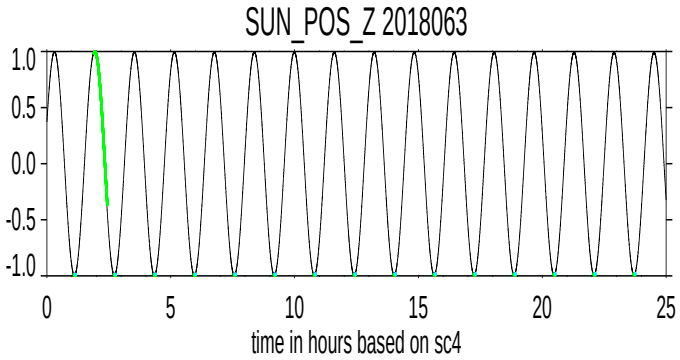

ODC STATUS 2018063
2
1
0
0
5
10
15
20
25
time in hours based on sc4

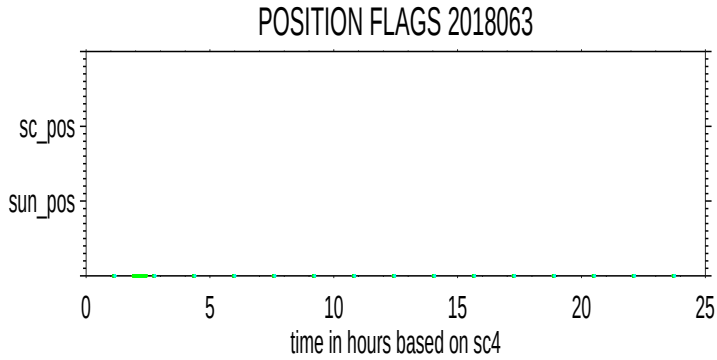

ZONES (0=non-saa,1=saa,2=n.pole,3=s.pole)
4
0
0
5
10
15
20
25
time in hours based on sc4

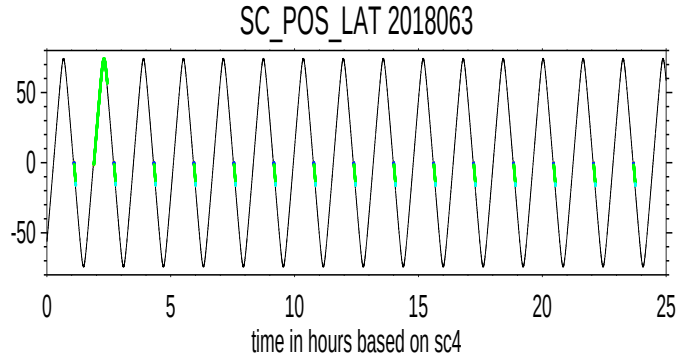

SAA_FLAG 2018063
40
0
0
5
10
15
20
25
time in hours based on sc4

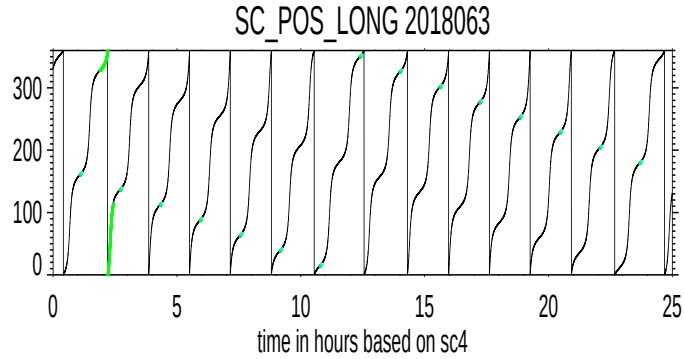

SUN_POS_X 2018063
1.0
0.5
0.0
-0.5
-1.0
0
5
10
15
20
25
time in hours based on sc4

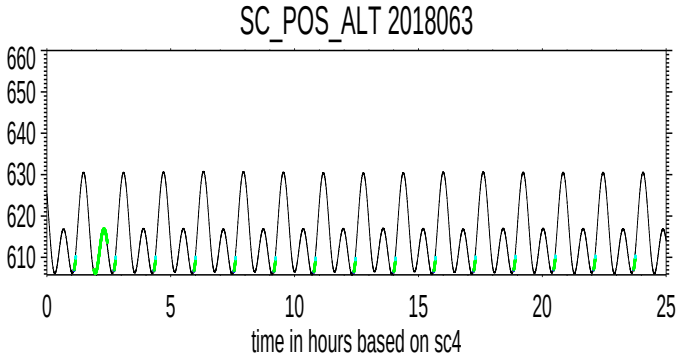

SUN_POS_Y 2018063
-0.08
-0.09
-0.10
-0.11
-0.12
-0.13
-0.14
0
5
10
15
20
25
time in hours based on sc4

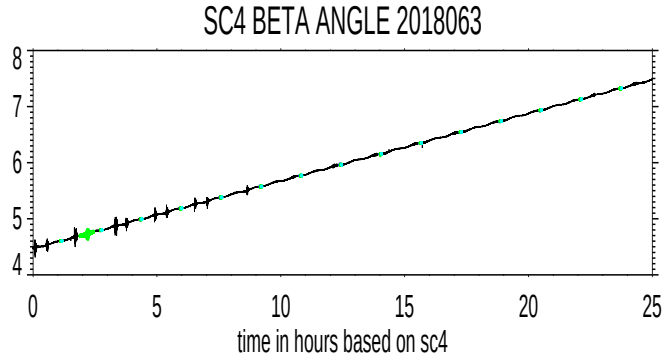

SUN_POS_Z 2018063
1.0
0.5
0.0
-0.5
-1.0
0
5
10
15
20
25
time in hours based on sc4


POSITION FLAGS 2018063
sc_pos
sun_pos
0
5
10
15
20
25
time in hours based on sc4


SC_POS_LAT 2018063
50
0
-50
0
5
10
15
20
25
time in hours based on sc4


SC_POS_LONG 2018063
300
200
100
0
0
5
10
15
20
25
time in hours based on sc4


SC_POS_ALT 2018063
660
650
640
630
620
610
0
5
10
15
20
25
time in hours based on sc4


SC4 BETA ANGLE 2018063
8
7
6
5
4
0
5
10
15
20
25
time in hours based on sc4