```
Information for      2019064
22:39:54.002: see_stat[1]: 14 internal error
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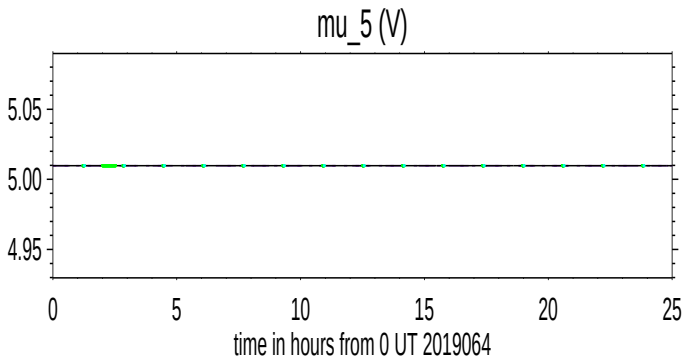
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5.05
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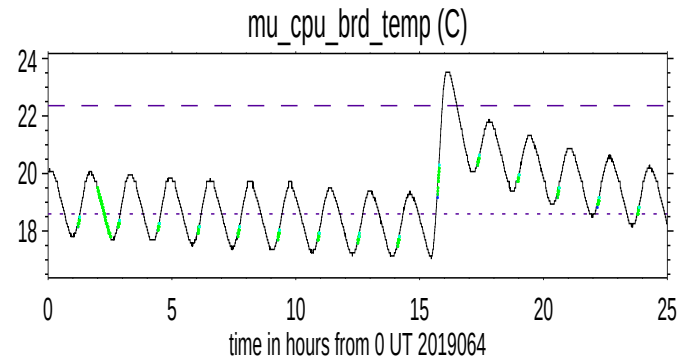
4.95
0
5
10
15
20
25
time in hours from 0 UT 2019064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22
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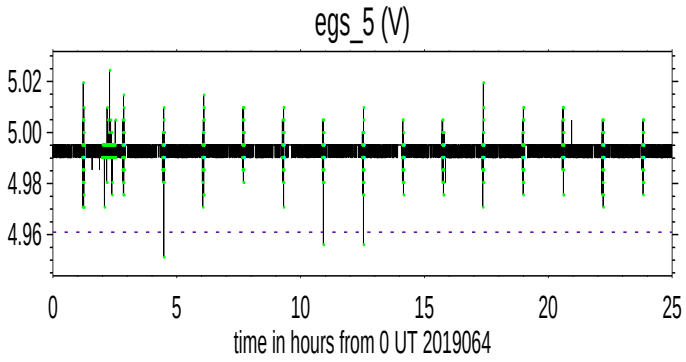
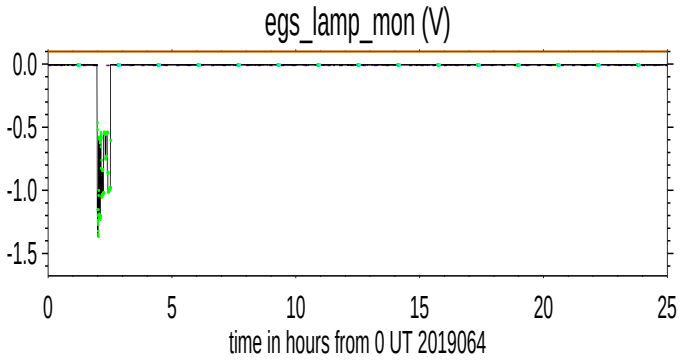
15
20
25
time in hours from 0 UT 2019064


egs_5 (V)
5.02
5.00
4.98
4.96
0
5
10
15
20
25
time in hours from 0 UT 2019064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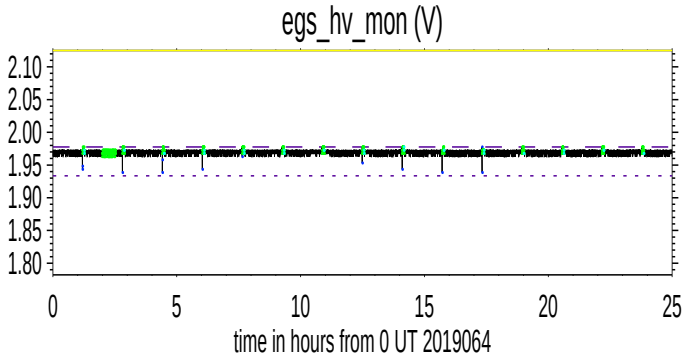
-0.5
-1.0
-1.5
0
5
10
15
20
25
time in hours from 0 UT 2019064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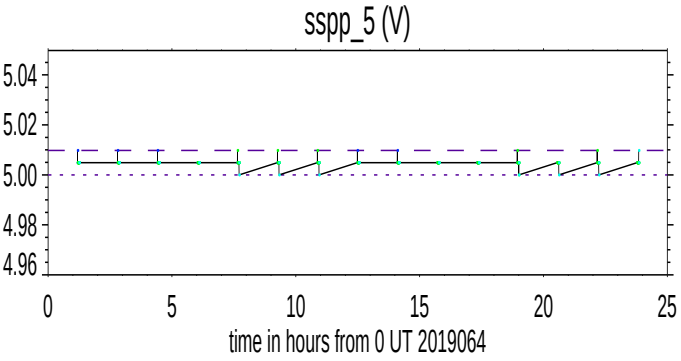
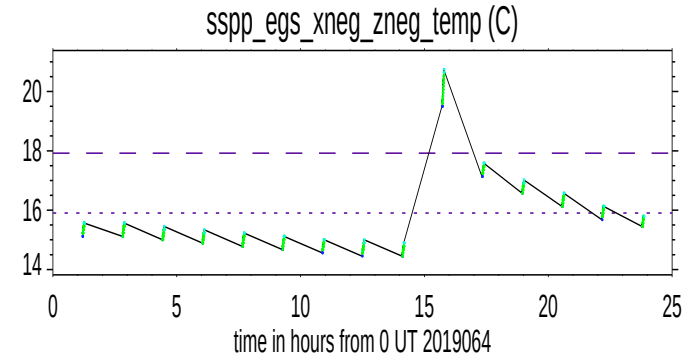
2.10
2.05
2.00
1.95
1.90
1.85
1.80
0
5
10
15
20
25
time in hours from 0 UT 2019064


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 2019064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18
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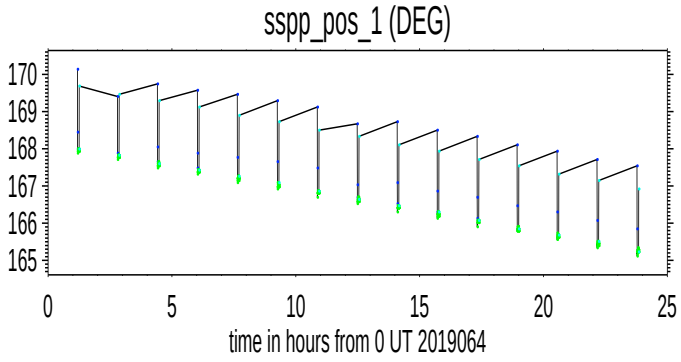
5
10
15
20
25
time in hours from 0 UT 2019064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169
168
167
166
165
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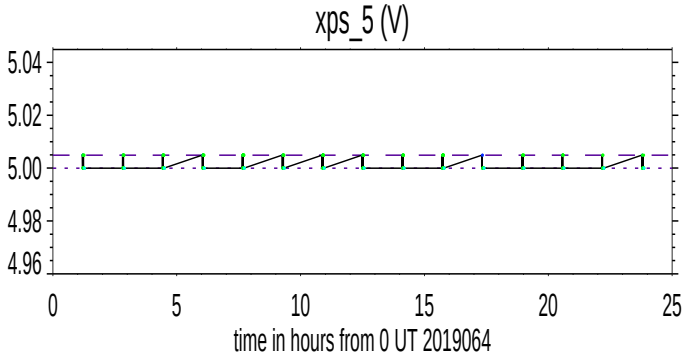
5
10
15
20
25
time in hours from 0 UT 2019064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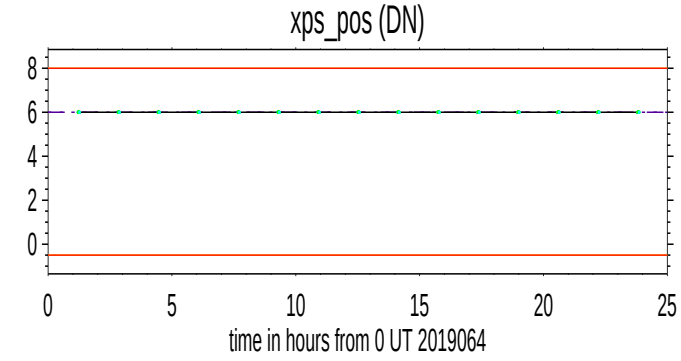
5.02
5.00
4.98
4.96
0
5
10
15
20
25
time in hours from 0 UT 2019064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8
6
4
2
0
0
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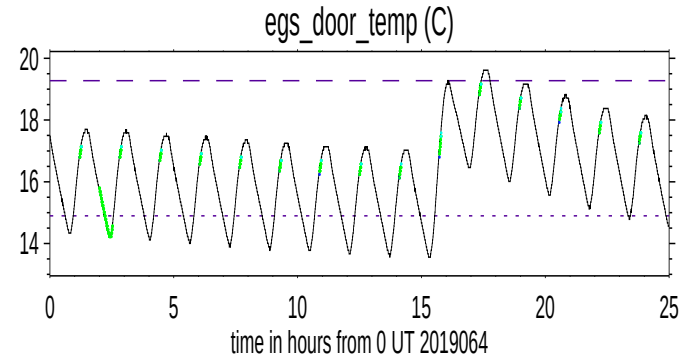
10
15
20
25
time in hours from 0 UT 2019064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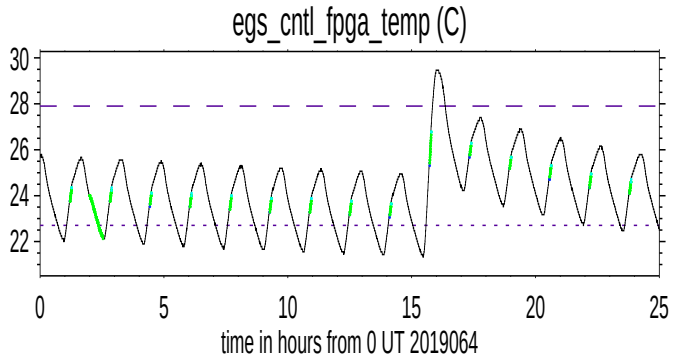
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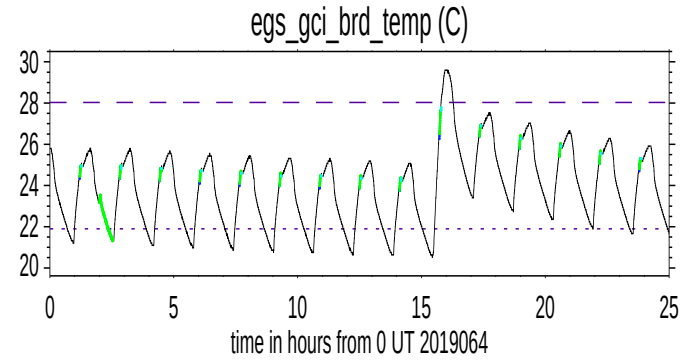
time in hours from 0 UT 2019064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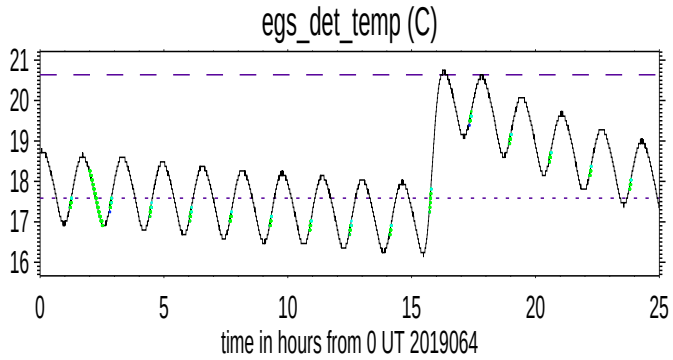
time in hours from 0 UT 2019064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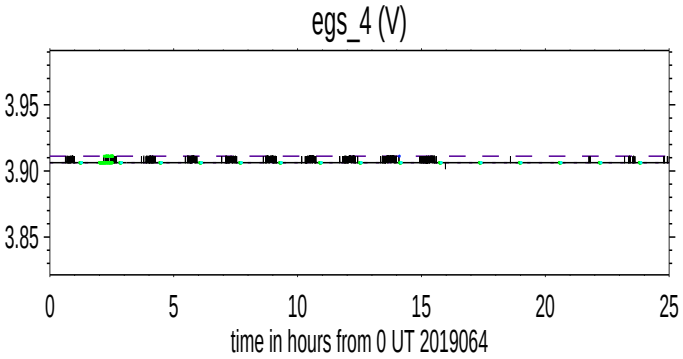
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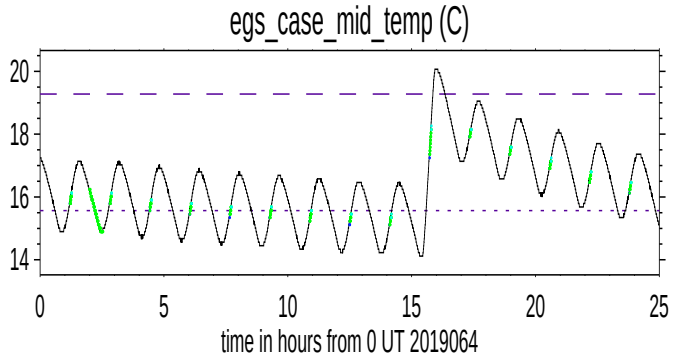
time in hours from 0 UT 2019064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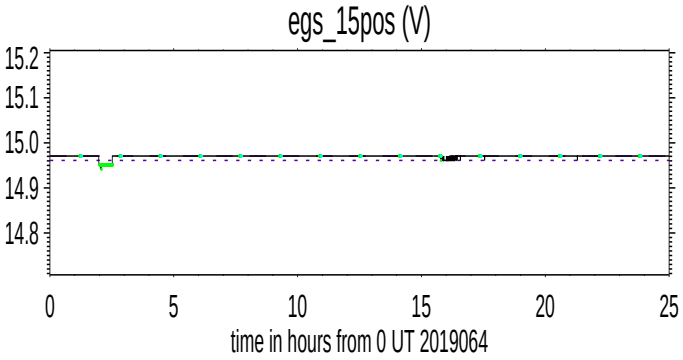
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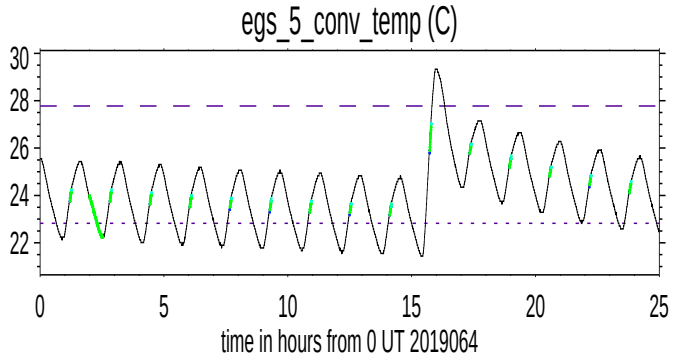
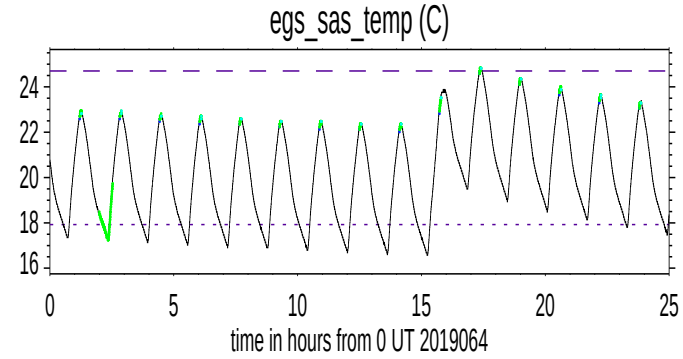
time in hours from 0 UT 2019064


egs_5_conv_temp (C)
time in hours from 0 UT 2019064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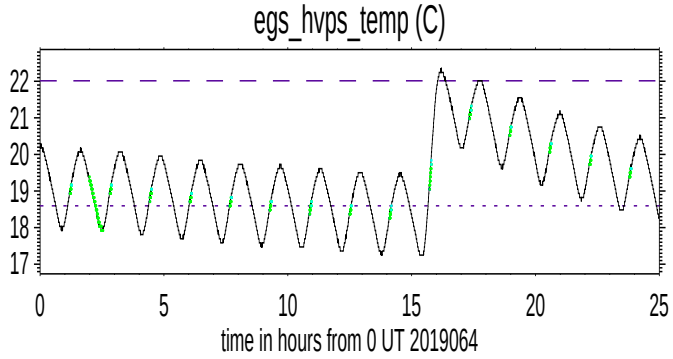
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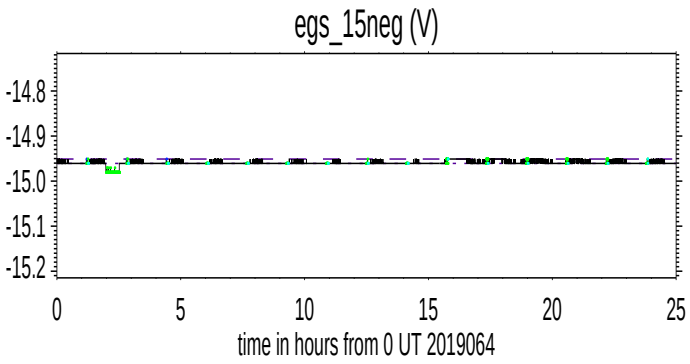
time in hours from 0 UT 2019064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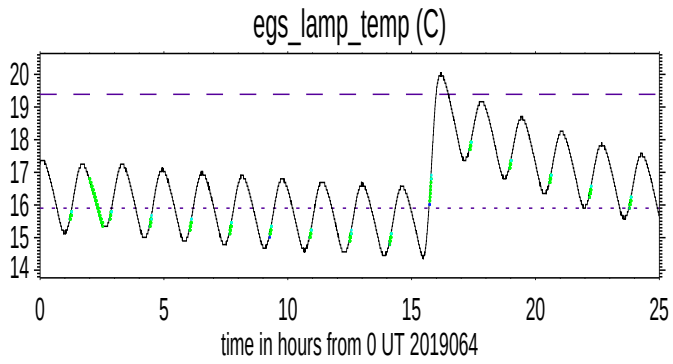
-15.0
-15.1
-15.2
0 5 10 15 20 25
time in hours from 0 UT 2019064


egs_lamp_temp (C)
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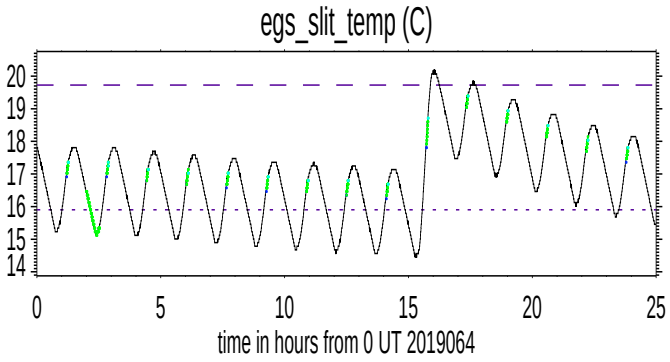
0 5 10 15 20 25
time in hours from 0 UT 2019064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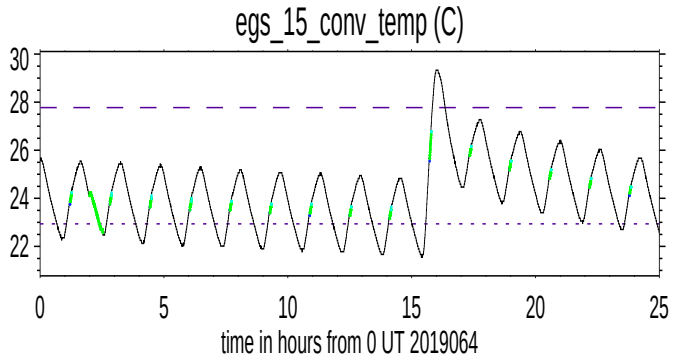
time in hours from 0 UT 2019064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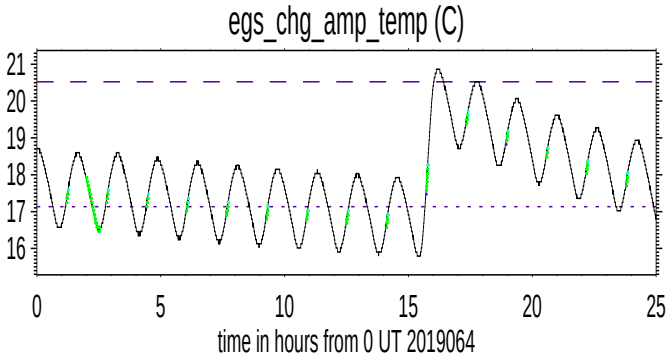
time in hours from 0 UT 2019064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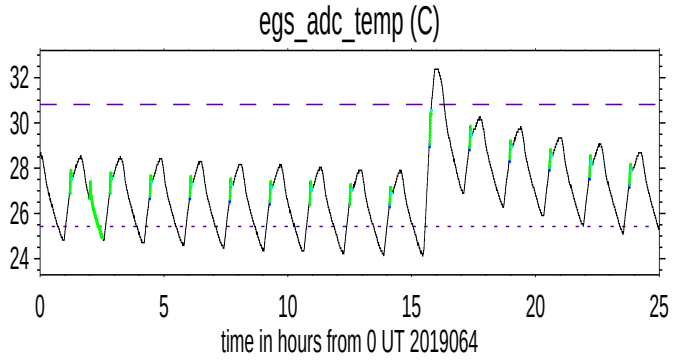
time in hours from 0 UT 2019064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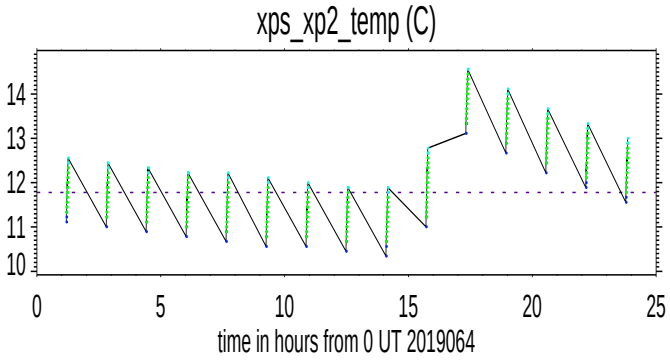
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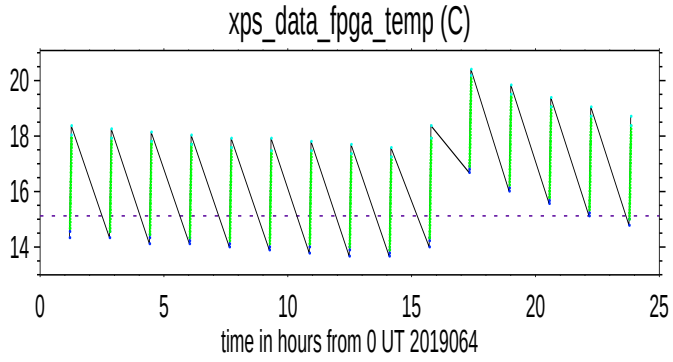
14 13 12 11 10
0 5 10 15 20 25
time in hours from 0 UT 2019064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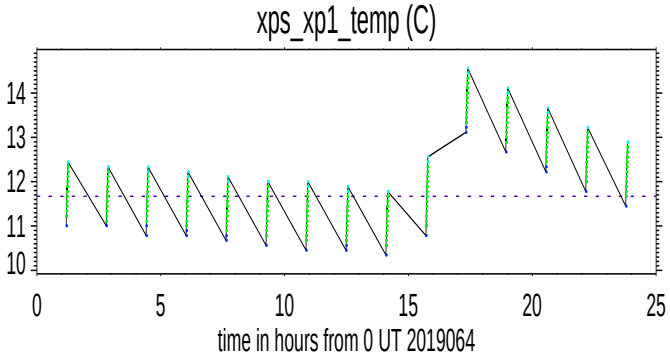
time in hours from 0 UT 2019064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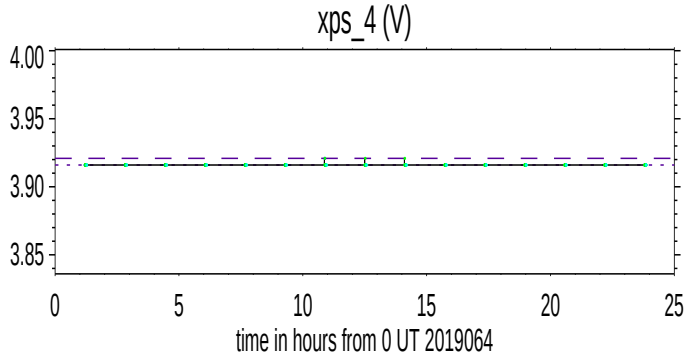
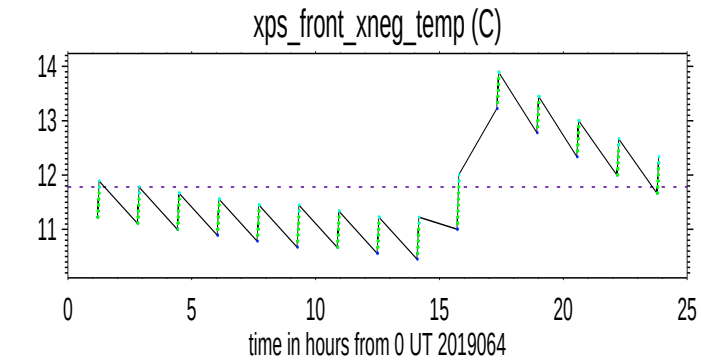
time in hours from 0 UT 2019064


xps_4 (V)
4.00 3.95 3.90 3.85
0 5 10 15 20 25
time in hours from 0 UT 2019064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11
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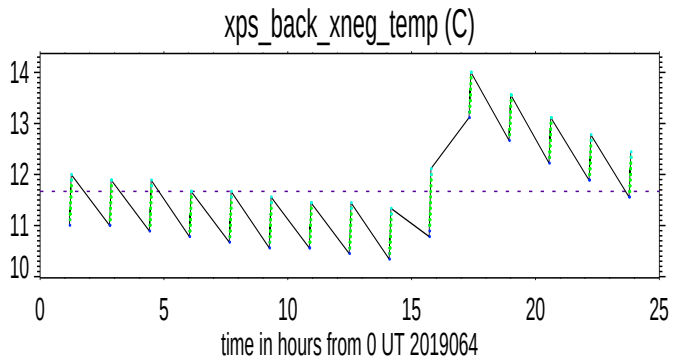
10
15
20
25
time in hours from 0 UT 2019064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11
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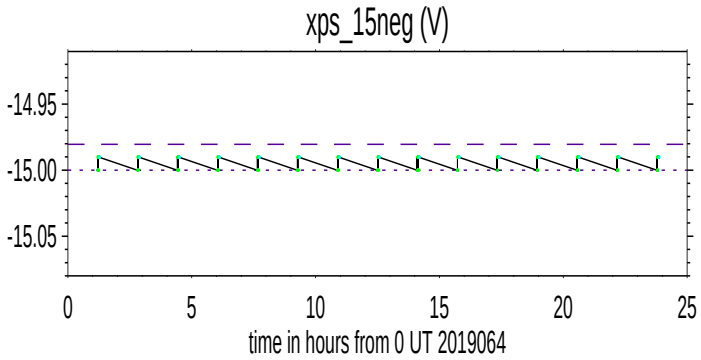
0
5
10
15
20
25
time in hours from 0 UT 2019064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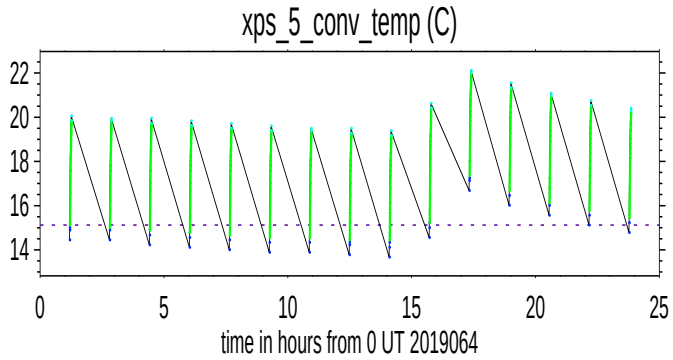
-15.05
0
5
10
15
20
25
time in hours from 0 UT 2019064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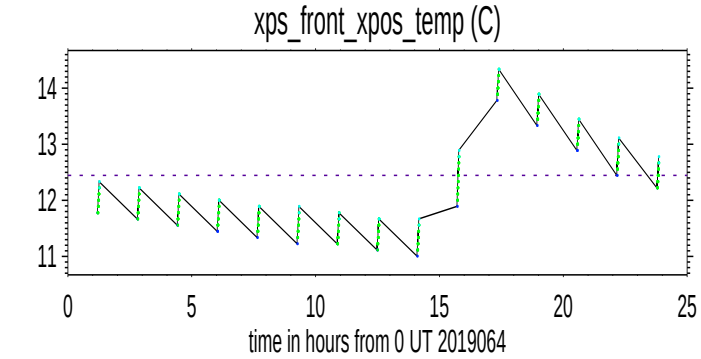
20
18
16
14
0
5
10
15
20
25
time in hours from 0 UT 2019064


xps_front_xpos_temp (C)
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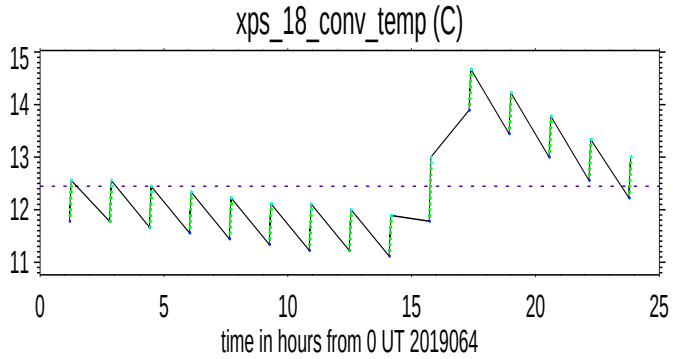
12
11
0
5
10
15
20
25
time in hours from 0 UT 2019064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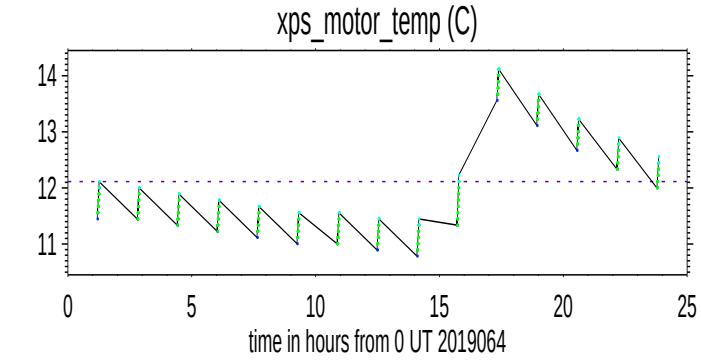
13
12
11
0
5
10
15
20
25
time in hours from 0 UT 2019064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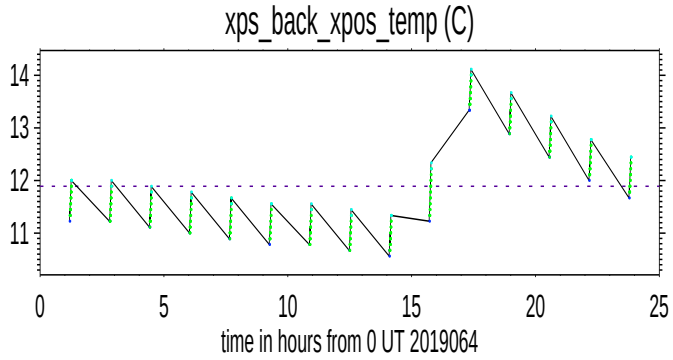
12
11
0
5
10
15
20
25
time in hours from 0 UT 2019064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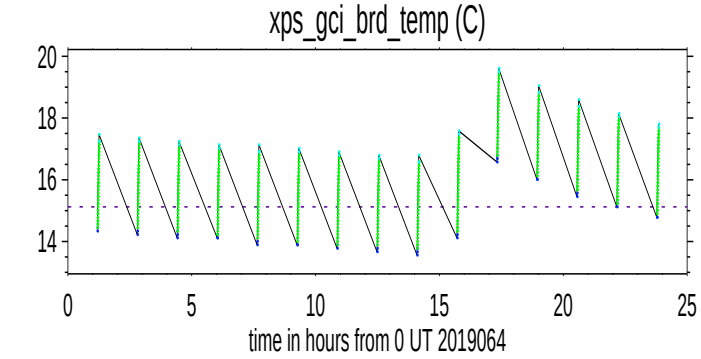
time in hours from 0 UT 2019064


xps_gci_brd_temp (C)
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10
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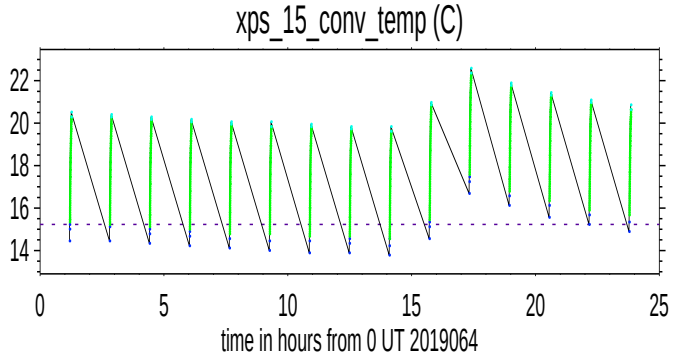
time in hours from 0 UT 2019064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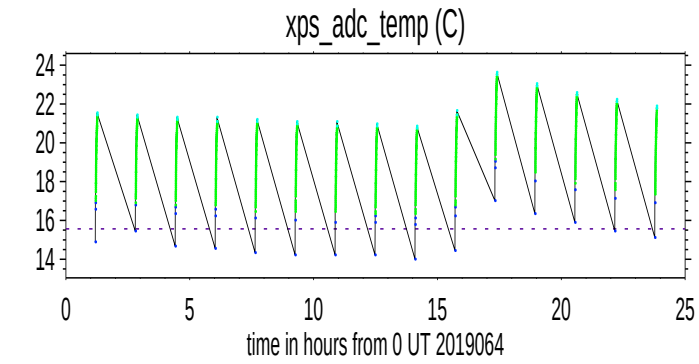
20
18
16
14
0
5
10
15
20
25
time in hours from 0 UT 2019064


xps_adc_temp (C)
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22
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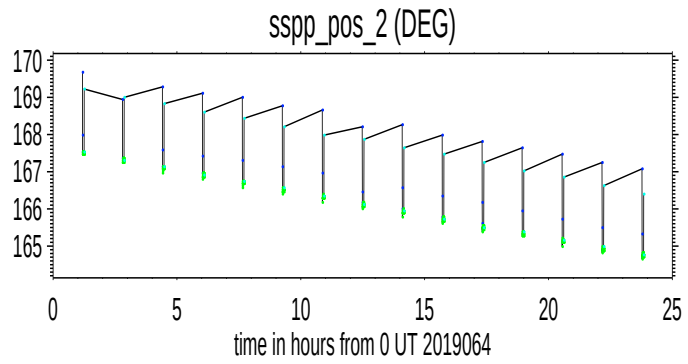
16
14
0
5
10
15
20
25
time in hours from 0 UT 2019064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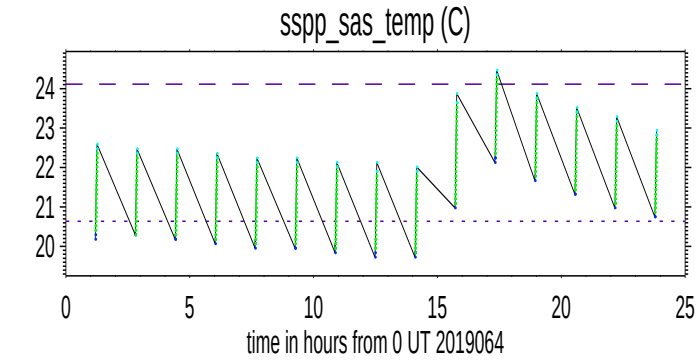
170
169
168
167
166
165
0
5
10
15
20
25
time in hours from 0 UT 2019064


sspp_sas_temp (C)
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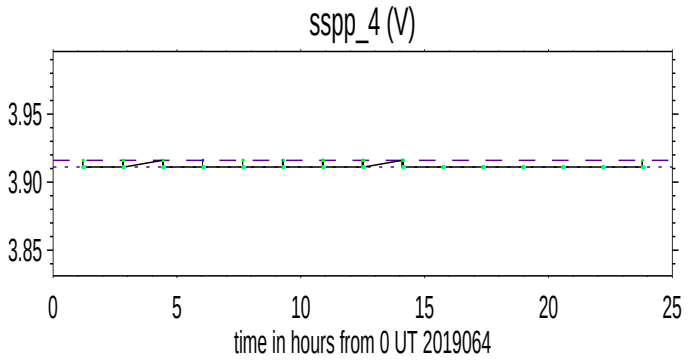
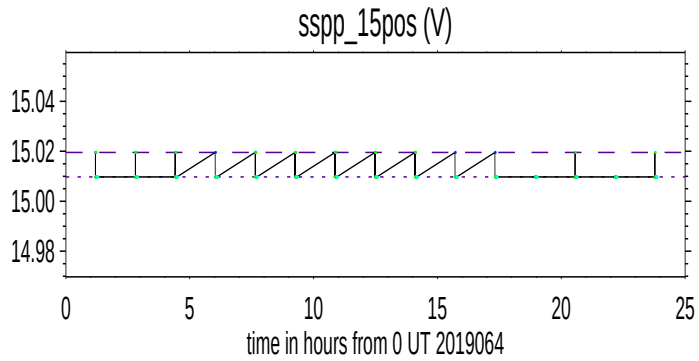
22
21
20
0
5
10
15
20
25
time in hours from 0 UT 2019064


sspp_4 (V)
3.95
3.90
3.85
0
5
10
15
20
25
time in hours from 0 UT 2019064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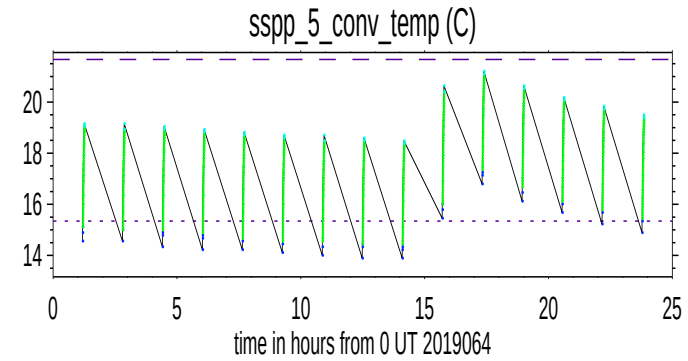
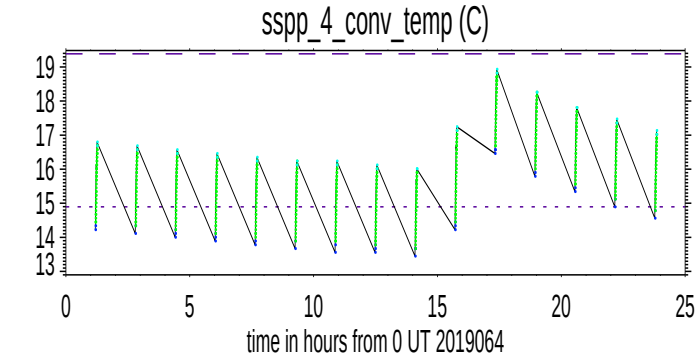
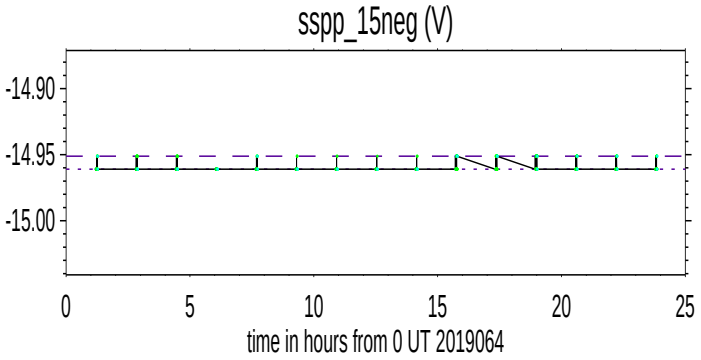
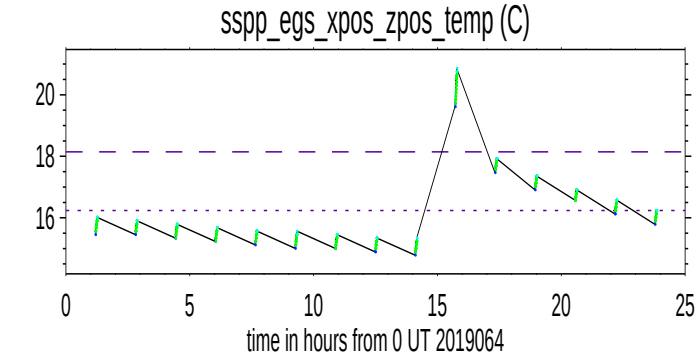
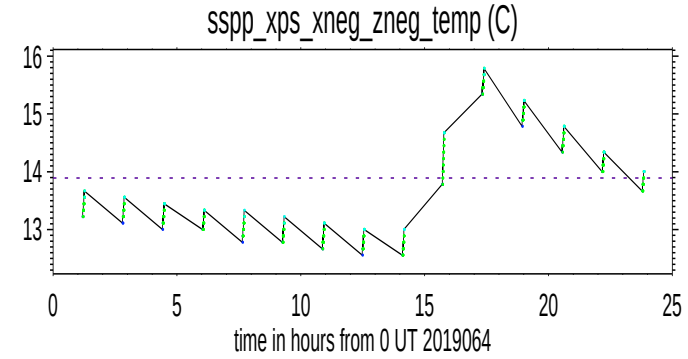
15.04
15.02
15.00
14.98
0
5
10
15
20
25
time in hours from 0 UT 2019064

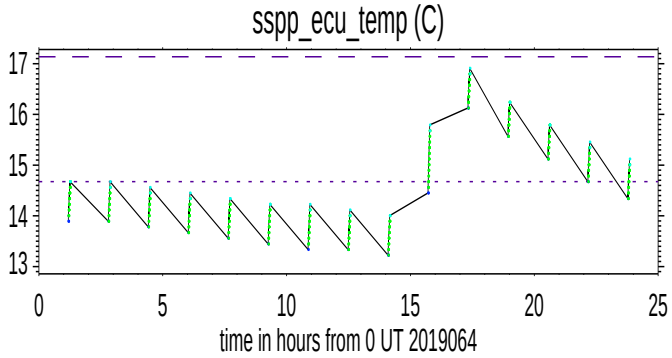

sspp_5_conv_temp (C)
20
18
16
14
0
5
10
15
20
25
time in hours from 0 UT 2019064

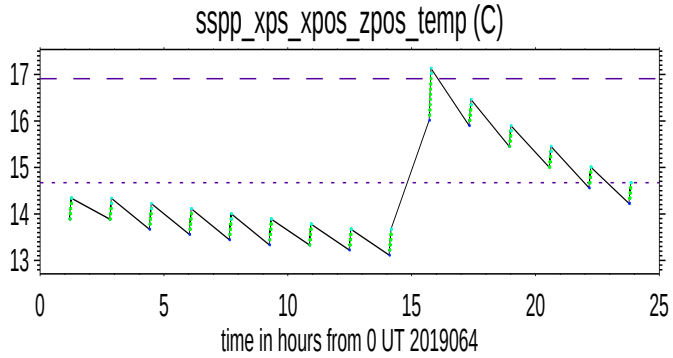

sspp_4_conv_temp (C)
19
18
17
16
15
14
13
0
5
10
15
20
25
time in hours from 0 UT 2019064

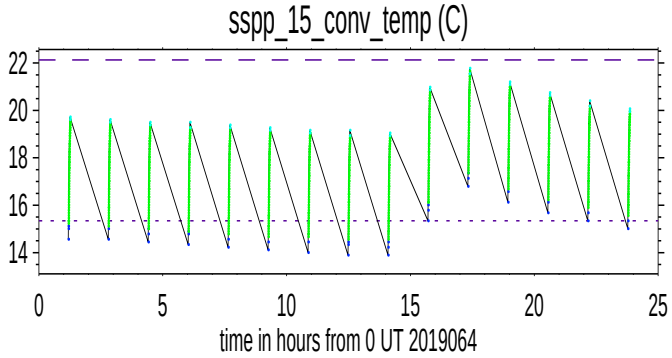

sspp_15neg (V)
-14.90
-14.95
-15.00
0
5
10
15
20
25
time in hours from 0 UT 2019064

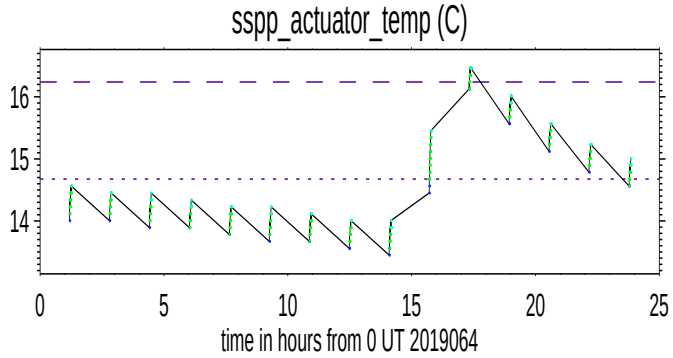

sspp_egs_xpos_zpos_temp (C)
20
18
16
0
5
10
15
20
25
time in hours from 0 UT 2019064

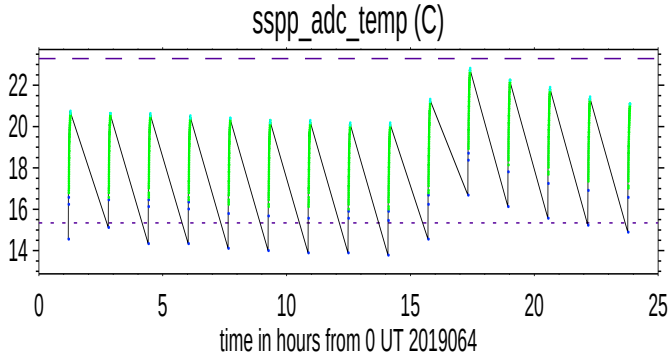

sspp_xps_xneg_zneg_temp (C)
16
15
14
13
0
5
10
15
20
25
time in hours from 0 UT 2019064

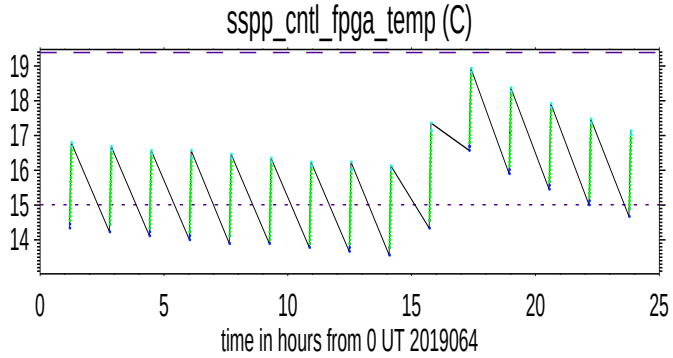

sspp_ecu_temp (C)
17
16
15
14
13
0
5
10
15
20
25
time in hours from 0 UT 2019064

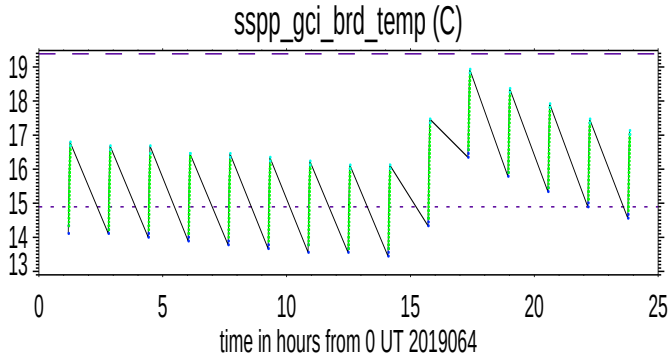

sspp_xps_xpos_zpos_temp (C)
17
16
15
14
13
0
5
10
15
20
25
time in hours from 0 UT 2019064

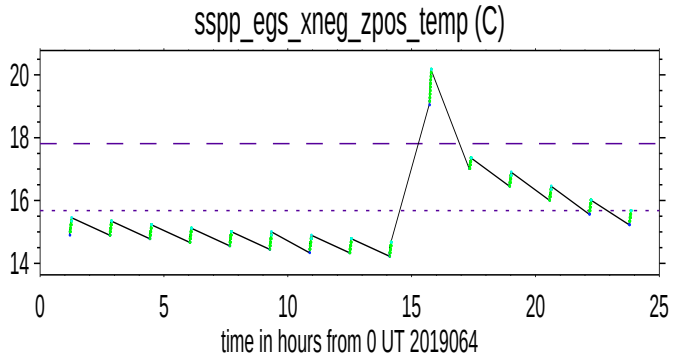

sspp_15_conv_temp (C)
22
20
18
16
14
0
5
10
15
20
25
time in hours from 0 UT 2019064

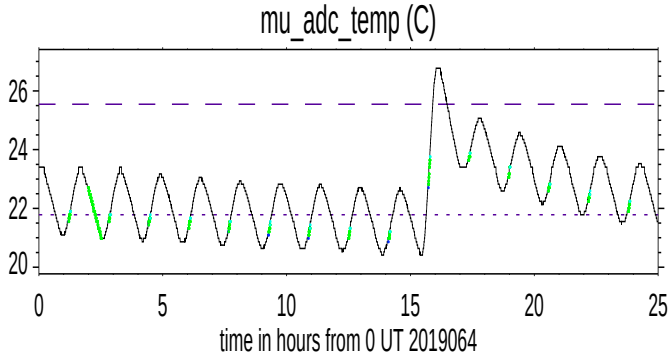

sspp_actuator_temp (C)
16
15
14
0
5
10
15
20
25
time in hours from 0 UT 2019064

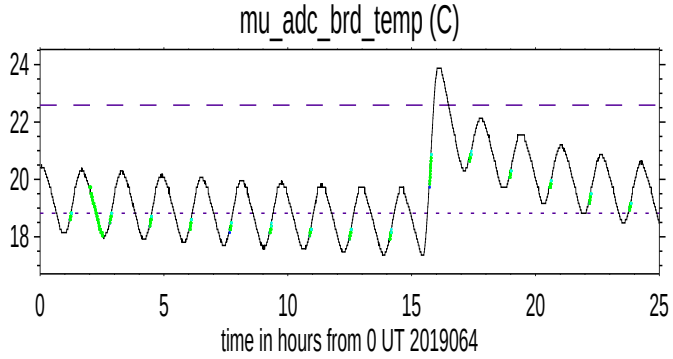

sspp_adc_temp (C)
22
20
18
16
14
0
5
10
15
20
25
time in hours from 0 UT 2019064

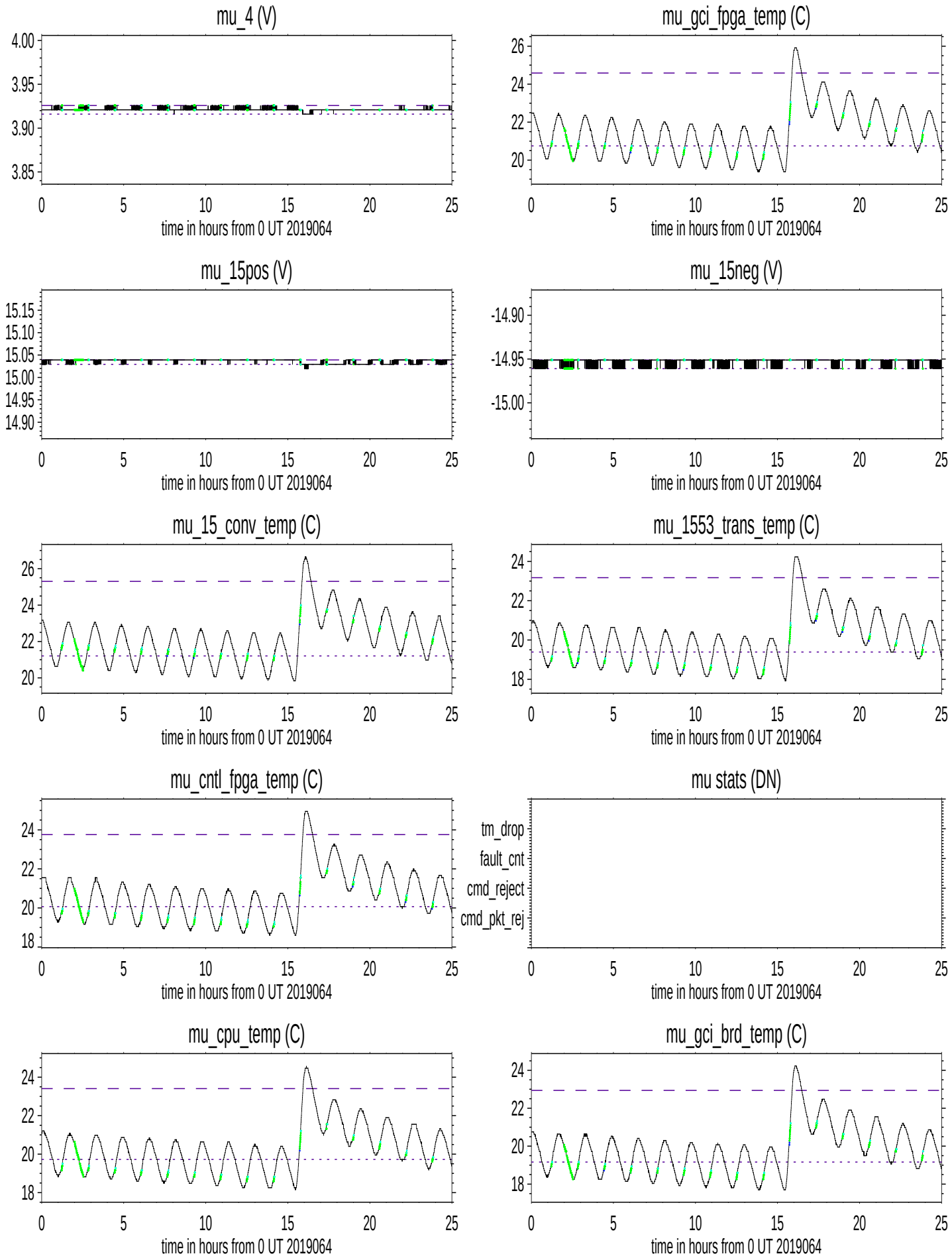

sspp_cntl_fpga_temp (C)
19
18
17
16
15
14
0
5
10
15
20
25
time in hours from 0 UT 2019064

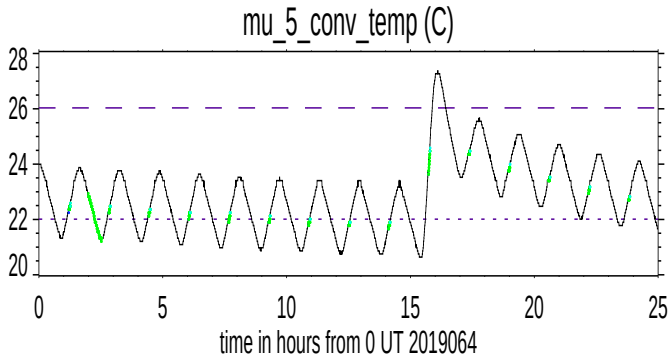

sspp_gci_brd_temp (C)
19
18
17
16
15
14
13
0
5
10
15
20
25
time in hours from 0 UT 2019064

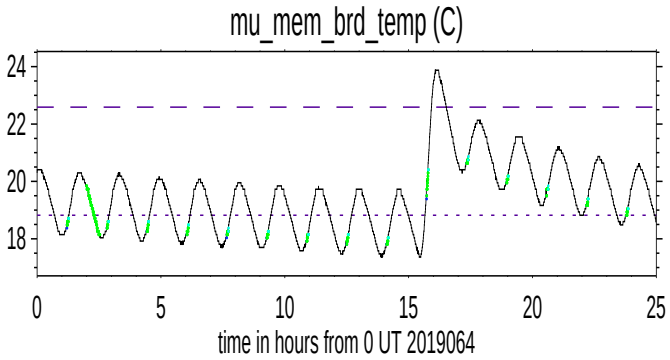

sspp_egs_xneg_zpos_temp (C)
20
18
16
14
0
5
10
15
20
25
time in hours from 0 UT 2019064

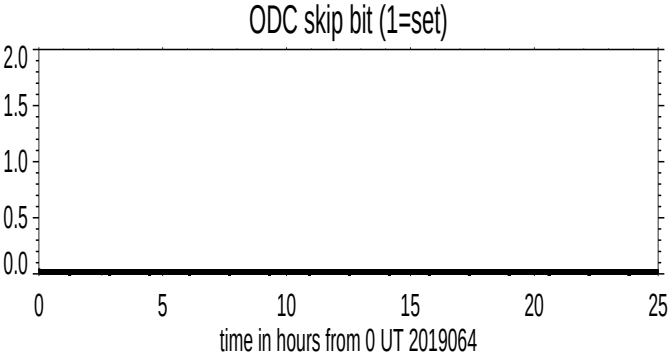

mu_adc_temp (C)
26
24
22
20
0
5
10
15
20
25
time in hours from 0 UT 2019064

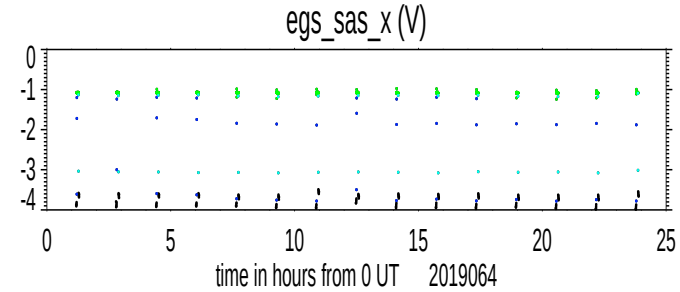

mu_adc_brd_temp (C)
24
22
20
18
0
5
10
15
20
25
time in hours from 0 UT 2019064

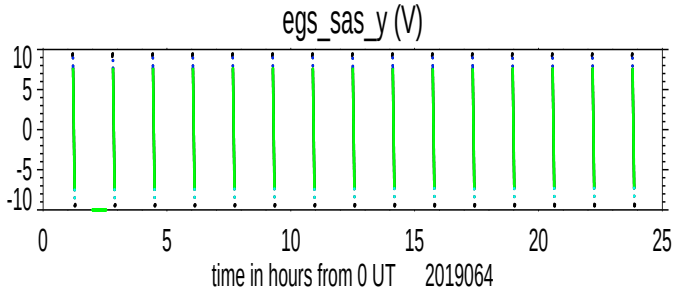

mu_4 (V)
4.00
3.95
3.90
3.85
mu_gci_fpga_temp (C)
26
24
22
20
mu_15pos (V)
15.15
15.10
15.05
15.00
14.95
14.90
mu_15neg (V)
-14.90
-14.95
-15.00
mu_15_conv_temp (C)
26
24
22
20
mu_1553_trans_temp (C)
24
22
20
18
mu_cntl_fpga_temp (C)
24
22
20
18
mu stats (DN)
tm_drop
fault_cnt
cmd_reject
cmd_pkt_rej
mu_cpu_temp (C)
24
22
20
18
mu_gci_brd_temp (C)
24
22
20
18
0
5
10
15
20
25
time in hours from 0 UT 2019064

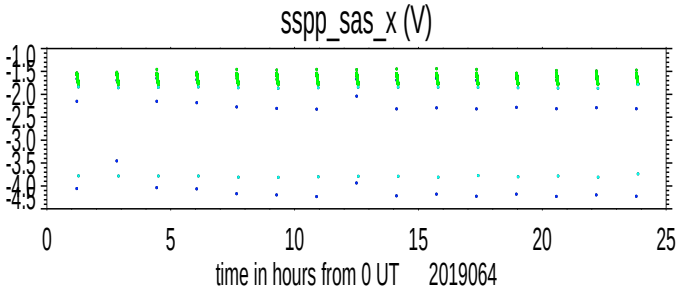

mu_5_conv_temp (C)
28
26
24
22
20
0
5
10
15
20
25
time in hours from 0 UT 2019064

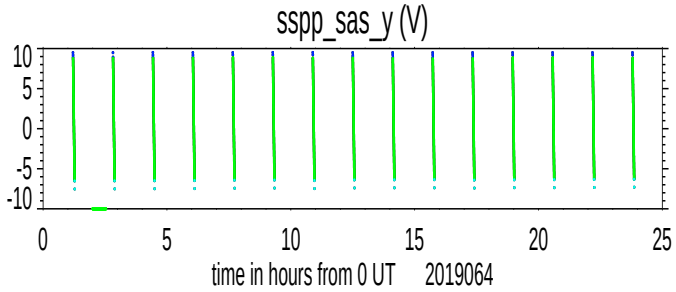

mu_mem_brd_temp (C)
24
22
20
18
0
5
10
15
20
25
time in hours from 0 UT 2019064

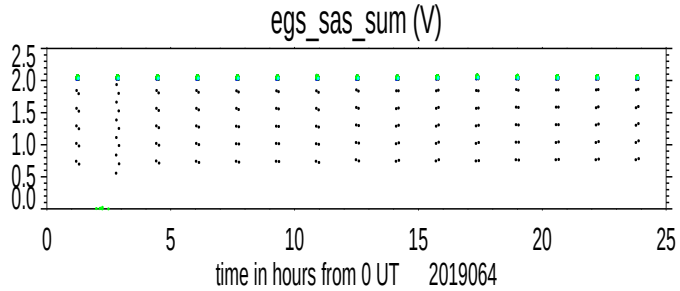

ODC skip bit (1=set)
2.0
1.5
1.0
0.5
0.0
0
5
10
15
20
25
time in hours from 0 UT 2019064

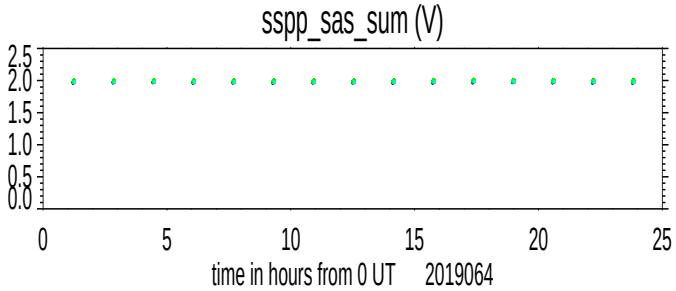

egs_sas_x (V)
time in hours from 0 UT 2019064

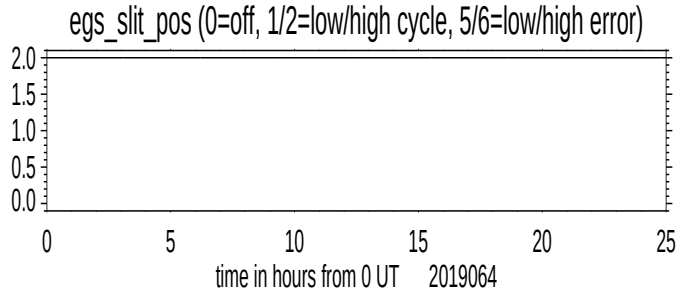

egs_sas_y (V)
time in hours from 0 UT 2019064

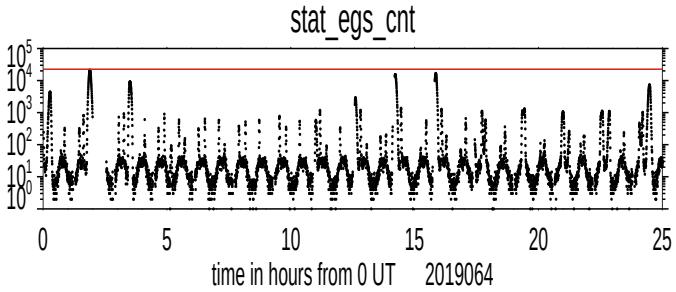

sspp_sas_x (V)
time in hours from 0 UT 2019064

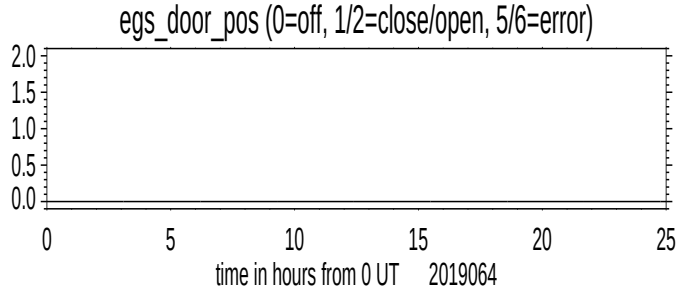

sspp_sas_y (V)
time in hours from 0 UT 2019064

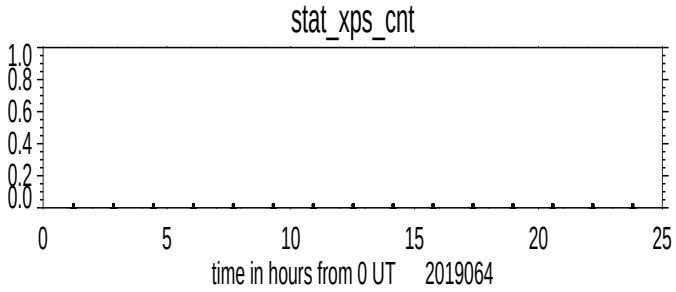

egs_sas_sum (V)
time in hours from 0 UT 2019064

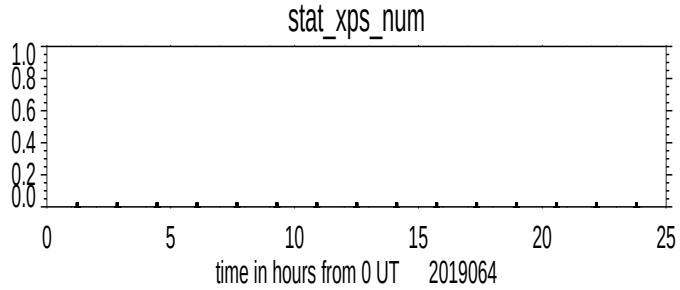

sspp_sas_sum (V)
time in hours from 0 UT 2019064

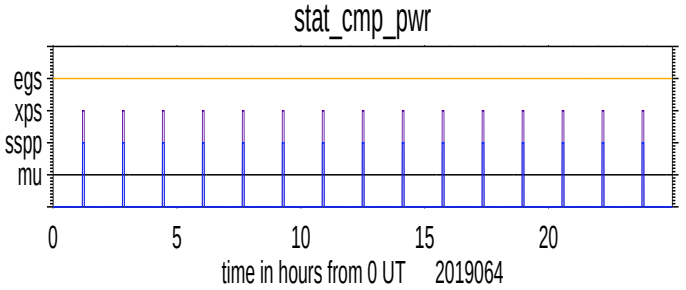

egs_slit_pos (0=off, 1/2=low/high cycle, 5/6=low/high error)
time in hours from 0 UT 2019064


stat_egs_cnt
time in hours from 0 UT 2019064

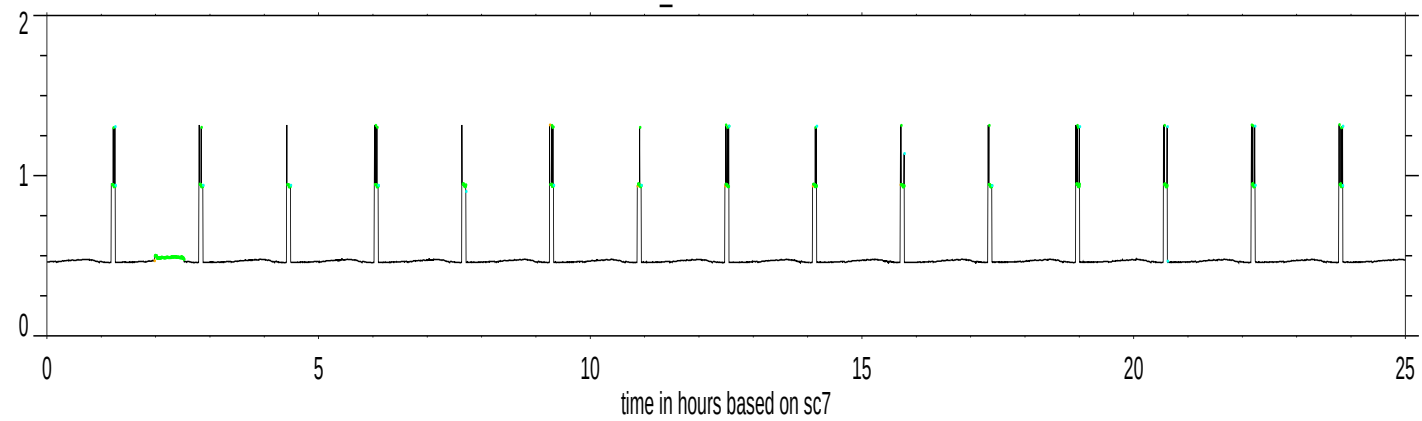

egs_door_pos (0=off, 1/2=close/open, 5/6=error)
time in hours from 0 UT 2019064


stat_xps_cnt
time in hours from 0 UT 2019064

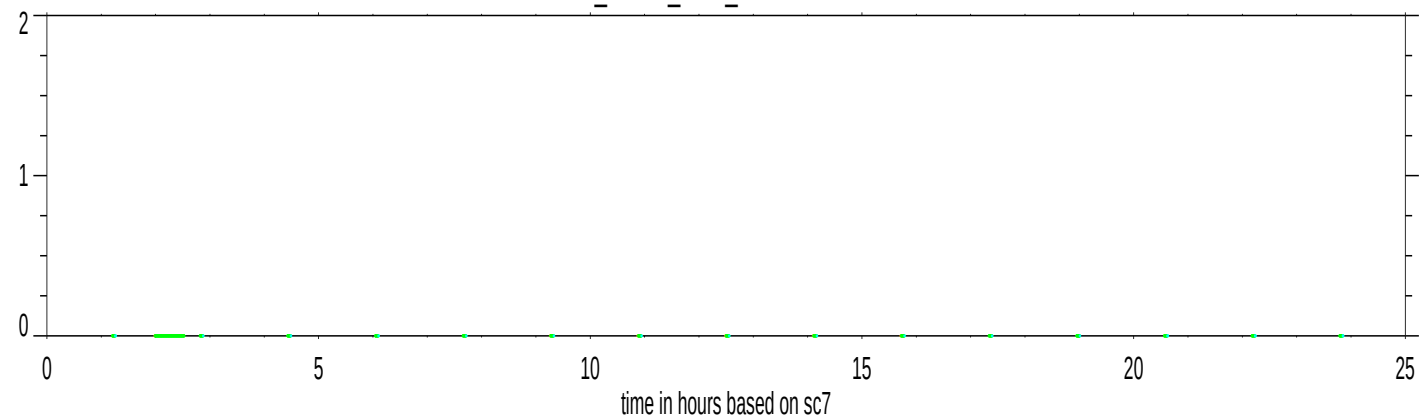

stat_xps_num
time in hours from 0 UT 2019064


stat_cmp_pwr
egs
xps
sspp
mu
time in hours from 0 UT 2019064

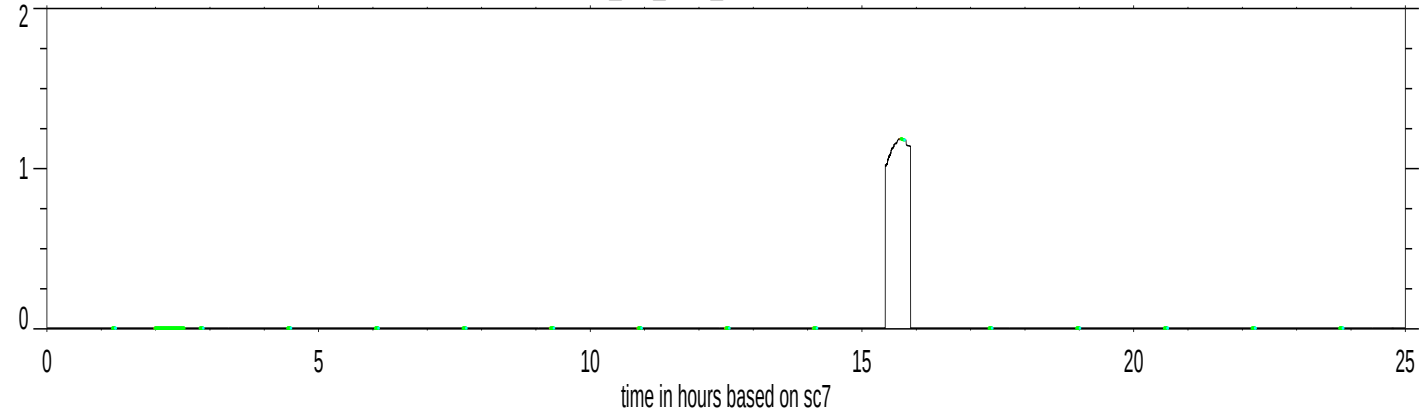
SEE_CUR 2019064



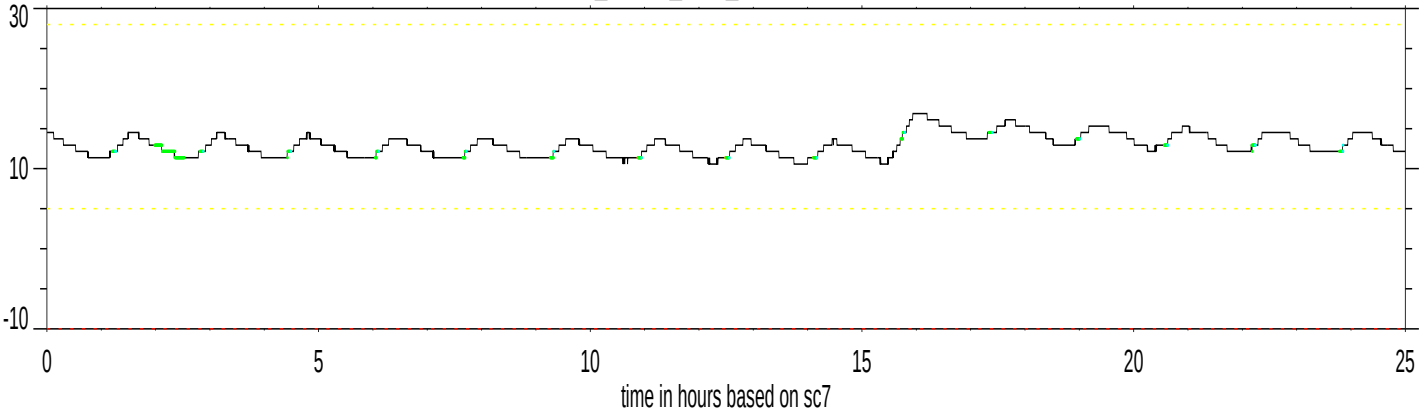
SEE_SURV_HTR_CUR 2019064



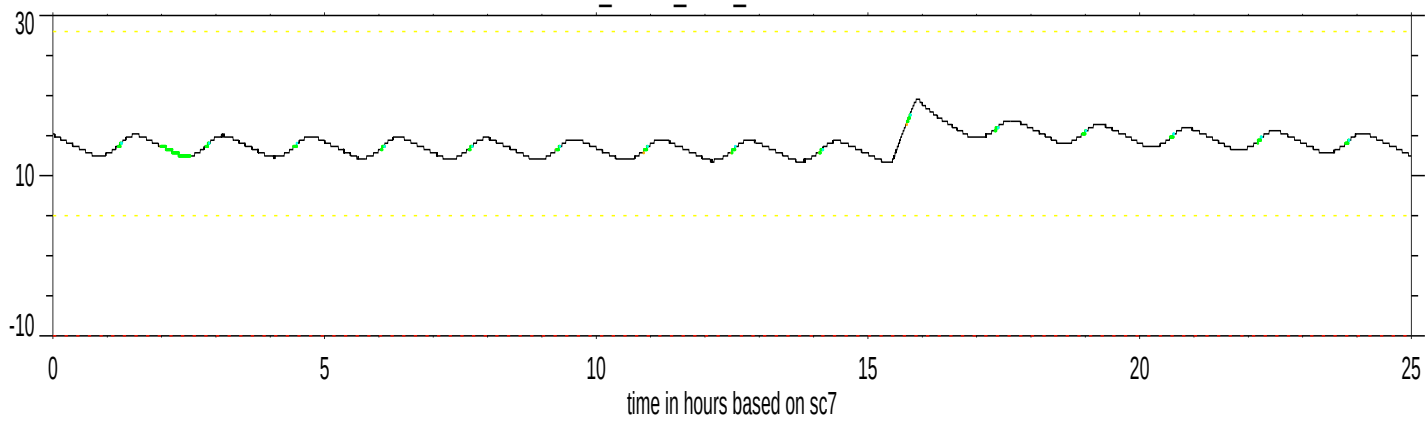
SEE_OP_HTR_CUR 2019064



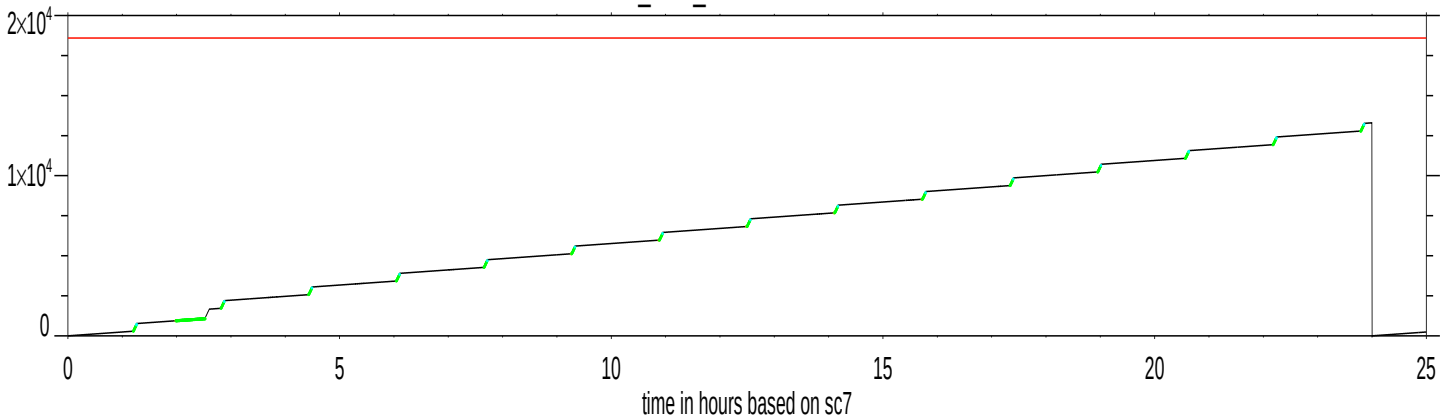
SSPP_BHND_XPS_TEMP 2019064



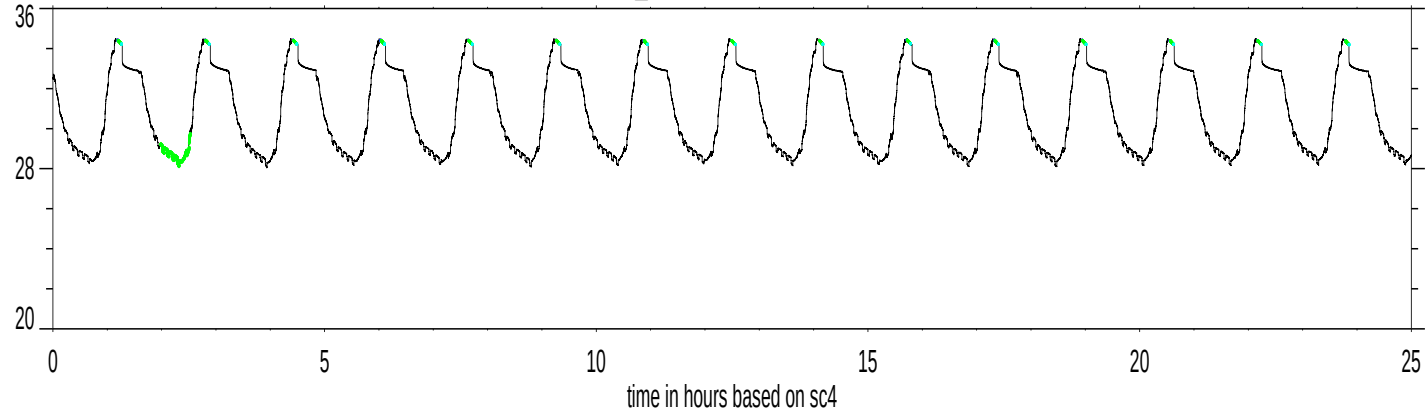
SSPP_BHND_MTR_TEMP 2019064



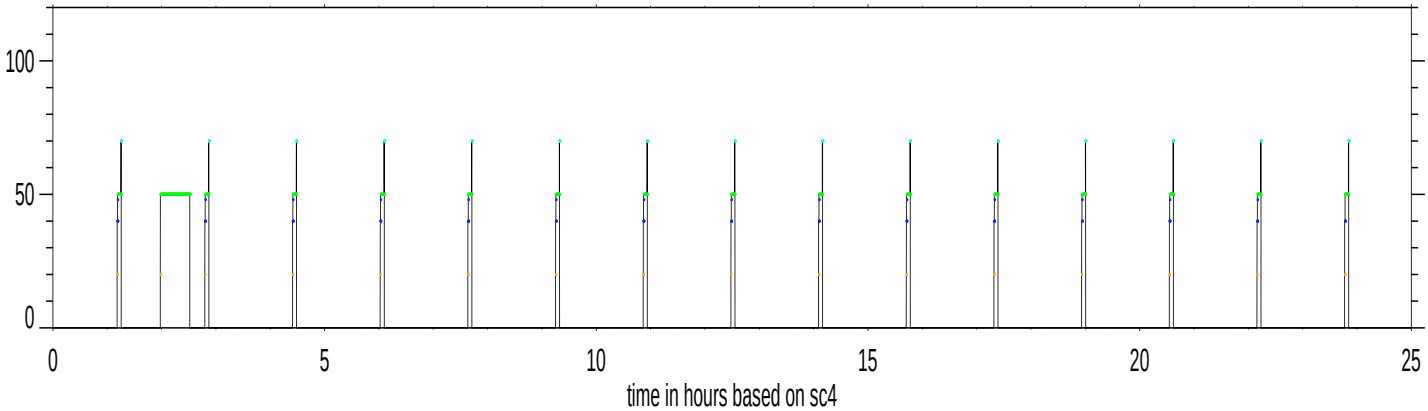
SEE_PKT_COUNT 2019064

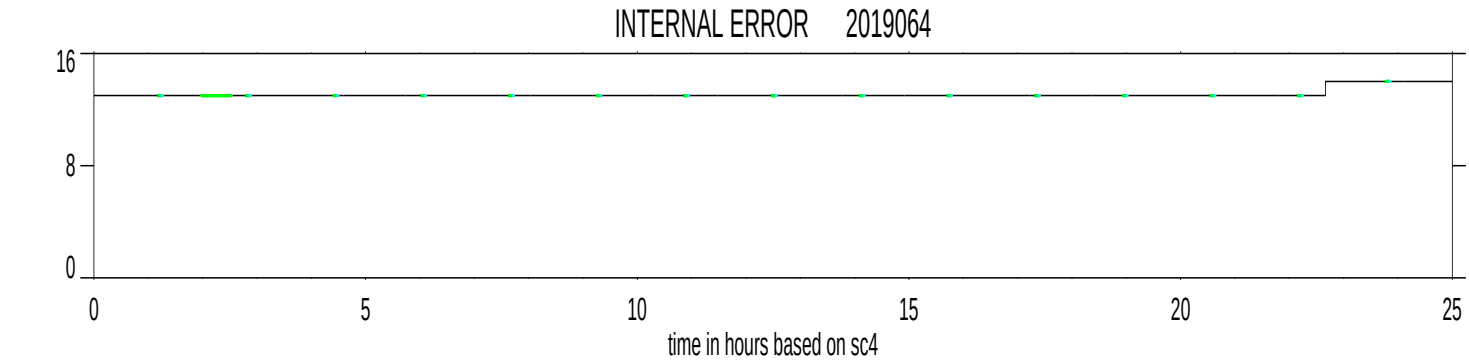


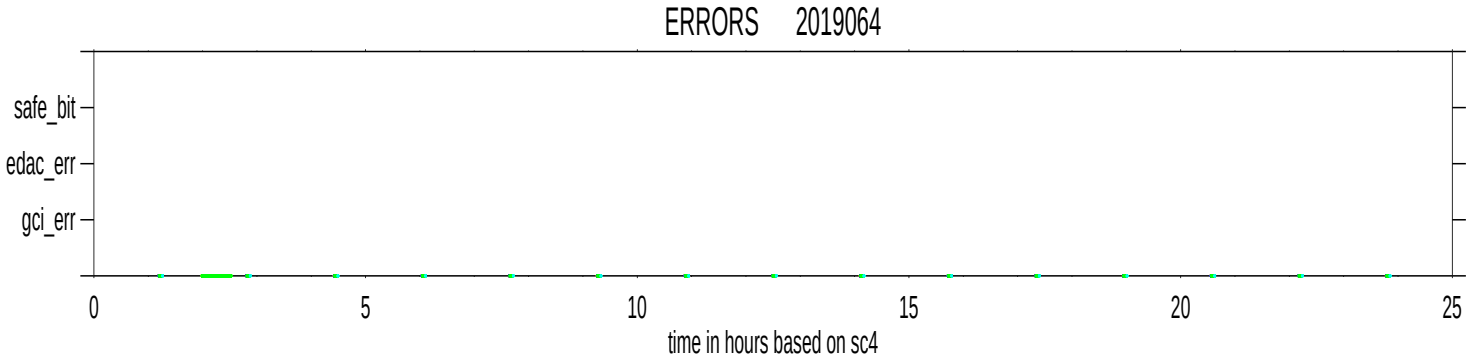
BUS_VOLTAGE 2019064

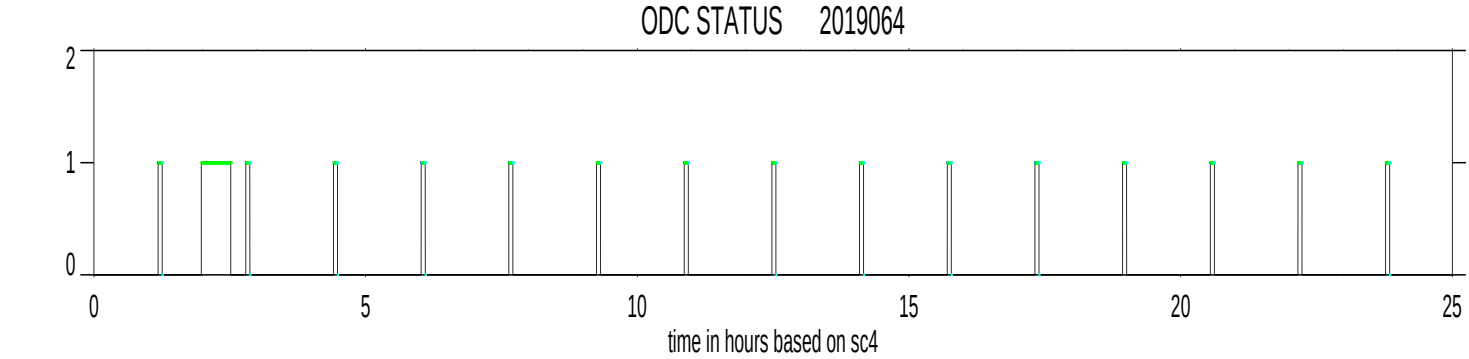


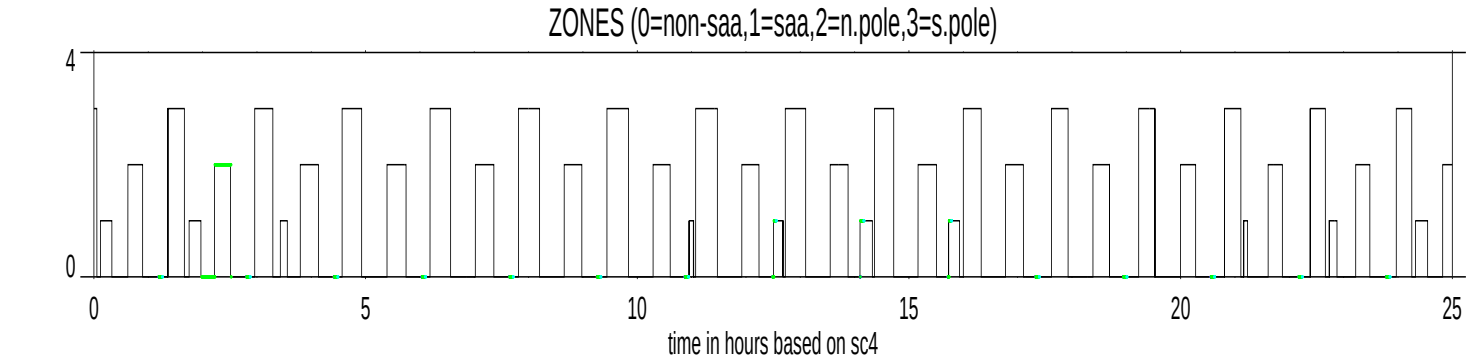
SEE_MU Operational Mode 2019064

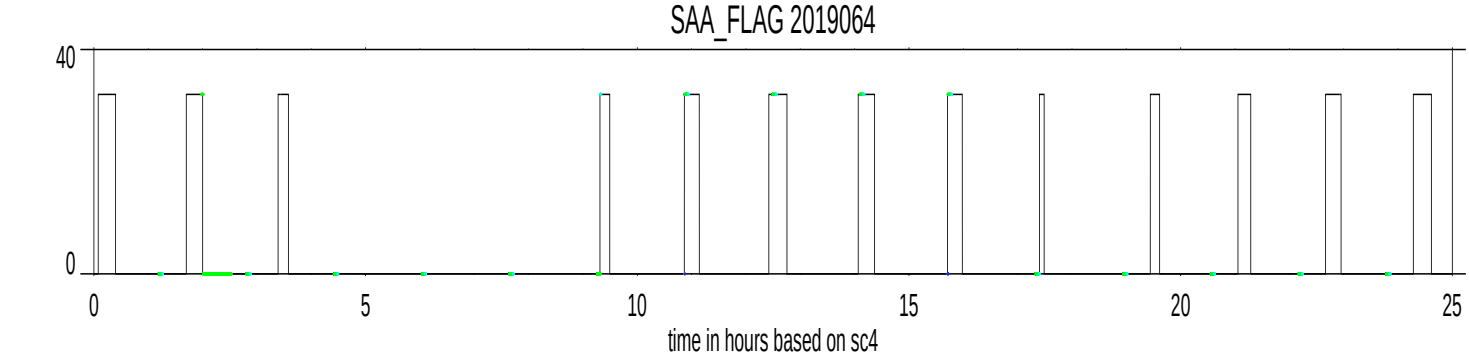


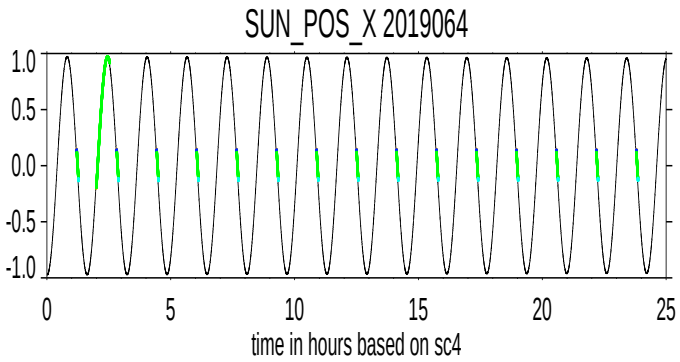

INTERNAL ERROR 2019064
16
8
0
0
5
10
15
20
25
time in hours based on sc4

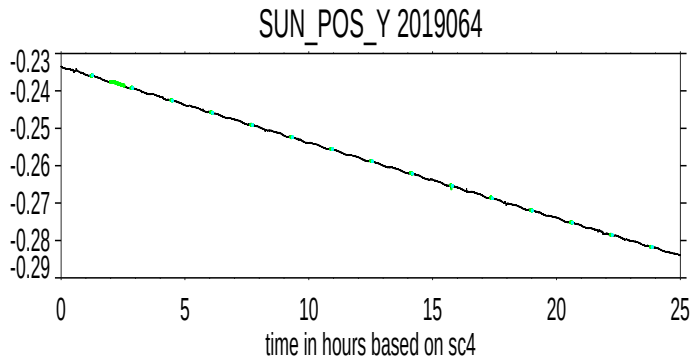

ERRORS 2019064
safe_bit
edac_err
gci_err
0
5
10
15
20
25
time in hours based on sc4

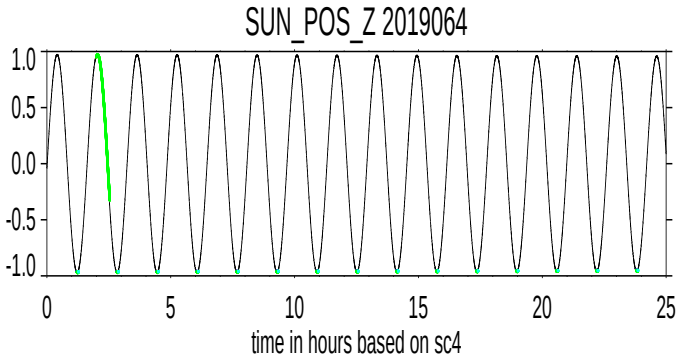

ODC STATUS 2019064
2
1
0
0
5
10
15
20
25
time in hours based on sc4

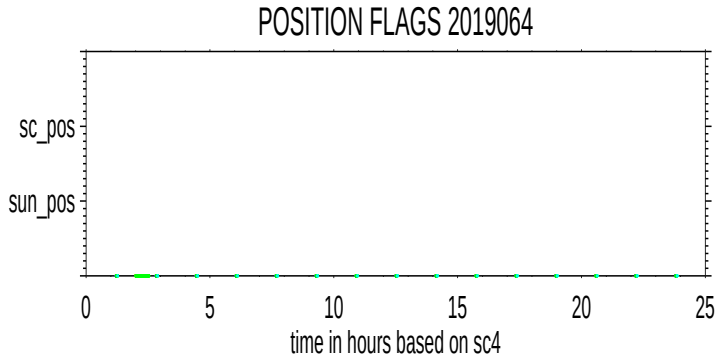

ZONES (0=non-saa,1=saa,2=n.pole,3=s.pole)
4
0
0
5
10
15
20
25
time in hours based on sc4

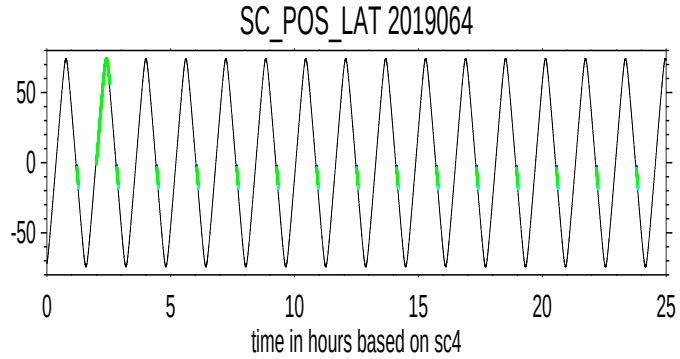

SAA_FLAG 2019064
40
0
0
5
10
15
20
25
time in hours based on sc4

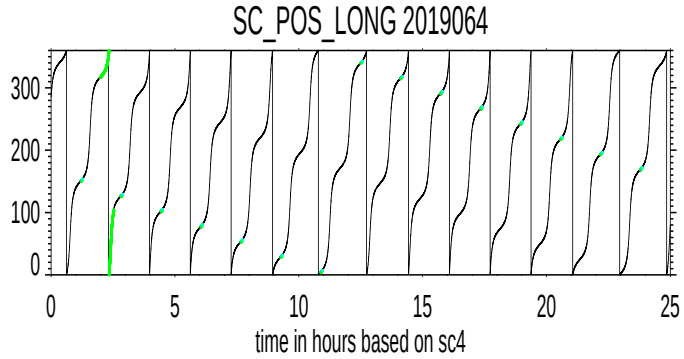

SUN_POS_X 2019064
1.0
0.5
0.0
-0.5
-1.0
0
5
10
15
20
25
time in hours based on sc4

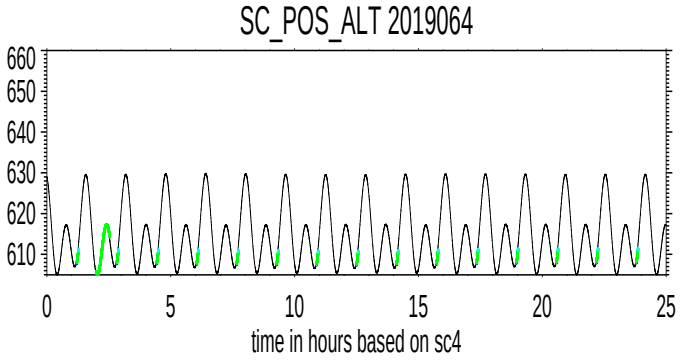

SUN_POS_Y 2019064
-0.23
-0.24
-0.25
-0.26
-0.27
-0.28
-0.29
0
5
10
15
20
25
time in hours based on sc4

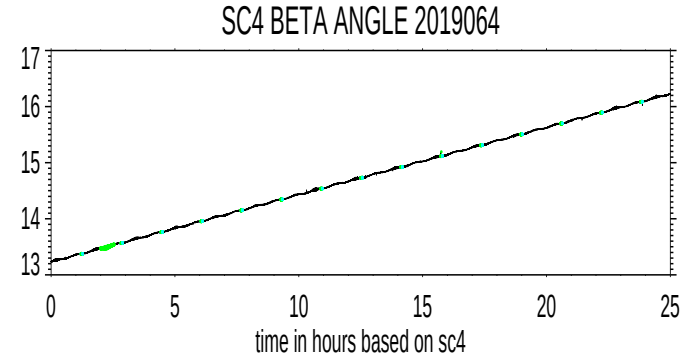

SUN_POS_Z 2019064
1.0
0.5
0.0
-0.5
-1.0
0
5
10
15
20
25
time in hours based on sc4


POSITION FLAGS 2019064
sc_pos
sun_pos
0
5
10
15
20
25
time in hours based on sc4


SC_POS_LAT 2019064
50
0
-50
0
5
10
15
20
25
time in hours based on sc4


SC_POS_LONG 2019064
300
200
100
0
0
5
10
15
20
25
time in hours based on sc4


SC_POS_ALT 2019064
660
650
640
630
620
610
0
5
10
15
20
25
time in hours based on sc4


SC4 BETA ANGLE 2019064
17
16
15
14
13
0
5
10
15
20
25
time in hours based on sc4