Hobby-Eberly Telescope Site Status Report *
McDonald Observatory, University of Texas at Austin

2024-04-27 12:00:07 to 2024-04-28 12:00:01 UTC

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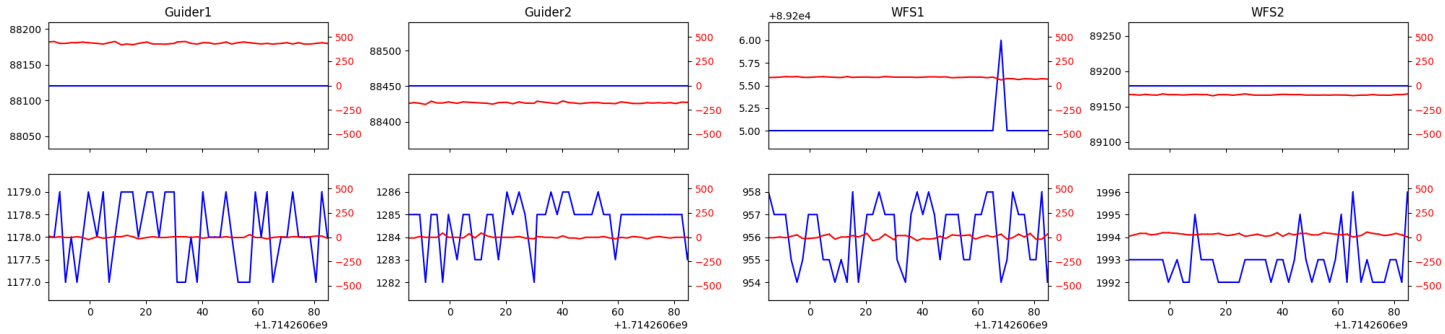
*This report has been automatically generated. Id: status_report.py 13712 2023-09-20 20:12:14Z jrf

1 Trajectories

The trajectory times and probe behaviour are shown. The probe plots show the various probe positions and currents during the trajectory. The Carriage is shown on the top plot while the Arm is shown on the botton plot. Encoder positions are shown in blue on the left hand vertical axis and the Current is shown in red on the right hand vertical axis. The green line indicates when a guider or wfs is actively guiding. Probe data are plotted from the gonext_time to the cancel_time or stop_time of the trajectory.

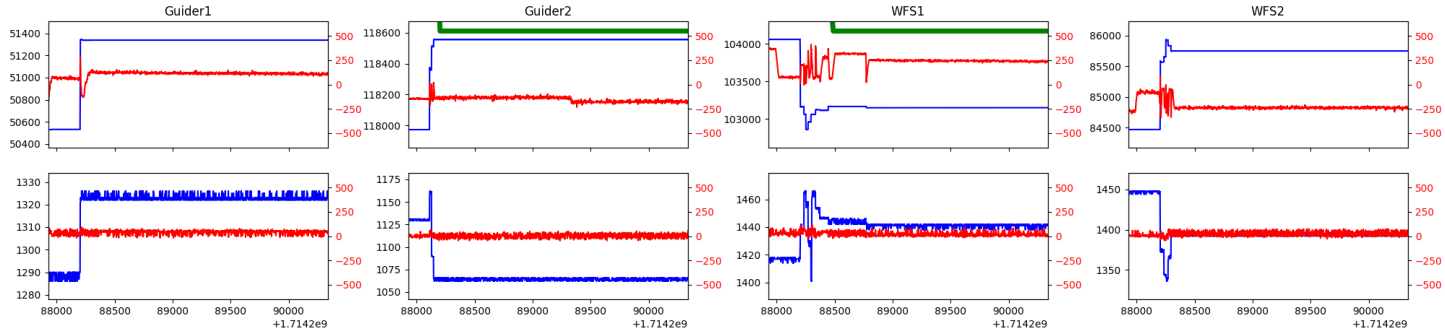
1.1 616

Trajectory 616 for desired Azimuth 0 was loaded at 23:26:24.98. The go_next command was sent at 23:28:48.348 and took 133.946 seconds to complete. The trajectory was cancelled at 23:31:24.96. The trajectory was stopped at 23:31:30.35 with the message "Reached end of track.".



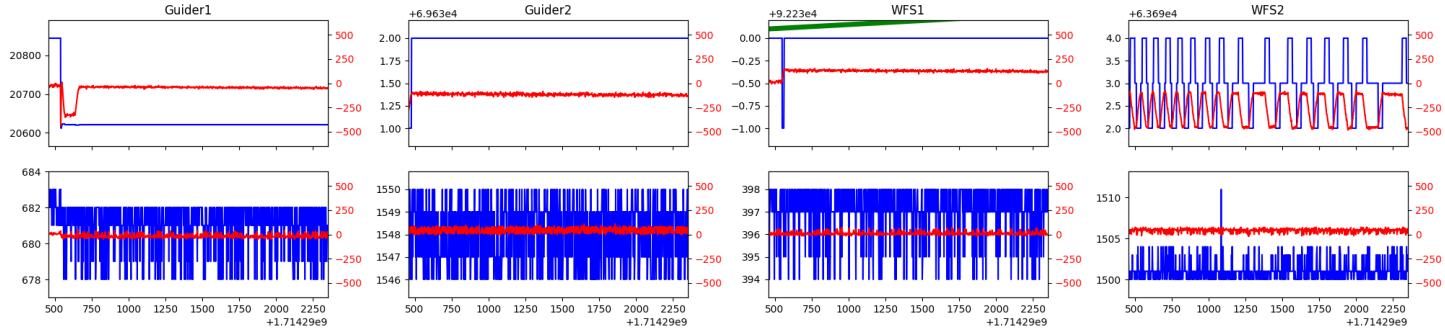
1.2 938

Trajectory 938 for desired Azimuth 311.710309 was loaded at 07:04:19.62. The go_next command was sent at 07:04:24.961 and took 140.867 seconds to complete. The setup took 220.88 seconds at an actual azimuth of 311.7109 The trajectory was cancelled at 07:45:39.14. The trajectory was stopped at 07:45:44.62 with the message "Reached end of track.".



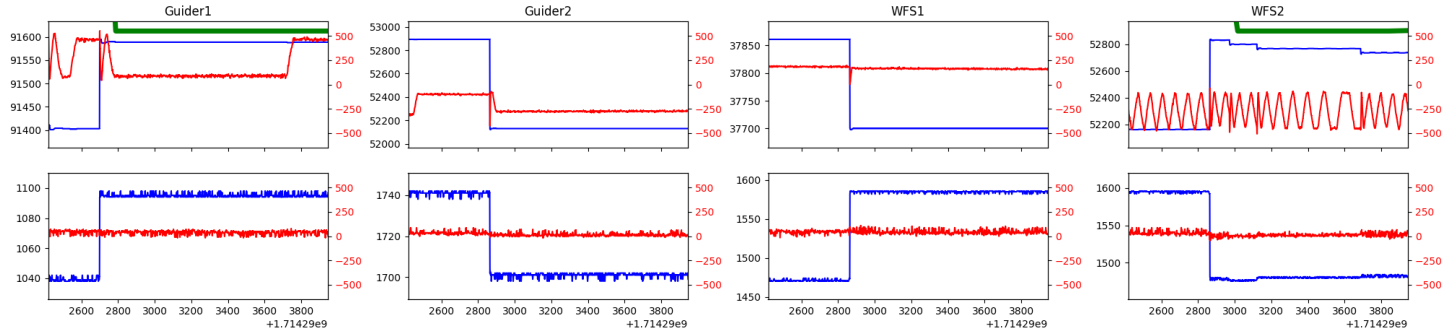
1.3 488

Trajectory 488 for desired Azimuth 313.159655 was loaded at 07:45:46.38. The go_next command was sent at 07:45:51.714 and took 104.537 seconds to complete. The trajectory was cancelled at 08:19:10.45. The trajectory was stopped at 08:19:17.30 with the message "Reached end of track.".



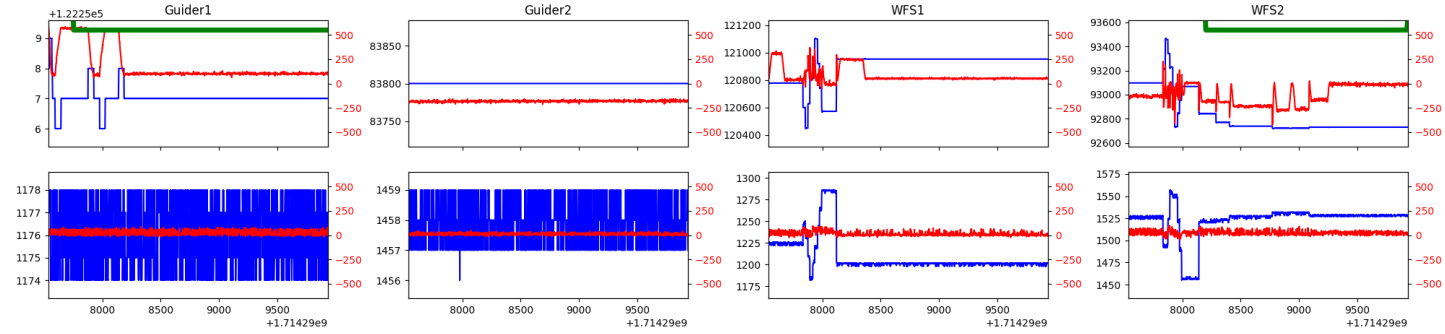
1.4 140

Trajectory 140 for desired Azimuth 261.247768 was loaded at 08:19:18.70. The go_next command was sent at 08:19:24.047 and took 182.924 seconds to complete. The setup took 343.60 seconds at an actual azimuth of 261.24881 The trajectory was cancelled at 08:45:45.35. The trajectory was stopped at 08:45:50.96 with the message "Reached end of track.".



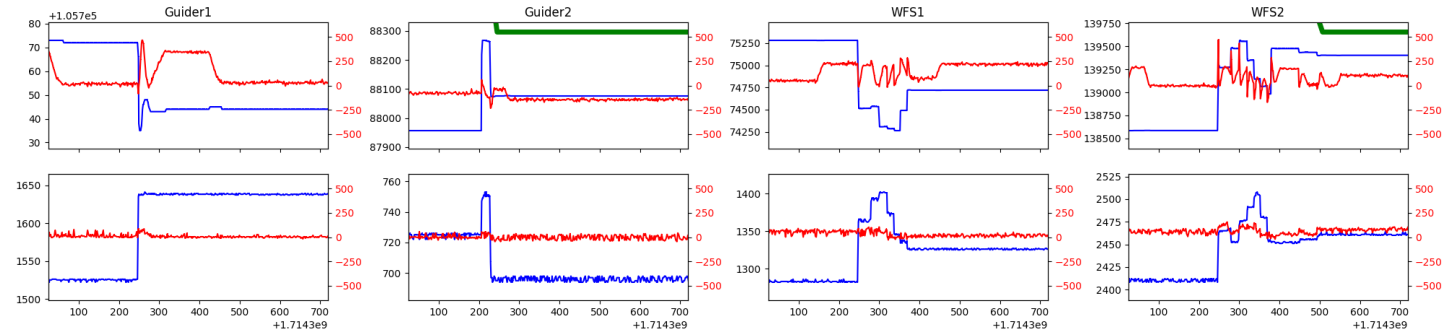
1.5 795

Trajectory 795 for desired Azimuth 131.745183 was loaded at 09:44:26.51. The go_next command was sent at 09:44:31.846 and took 80.372 seconds to complete. The setup took 212.78 seconds at an actual azimuth of 131.746414 The trajectory was cancelled at 10:25:34.37. The trajectory was stopped at 10:25:40.20 with the message "Reached end of track.".



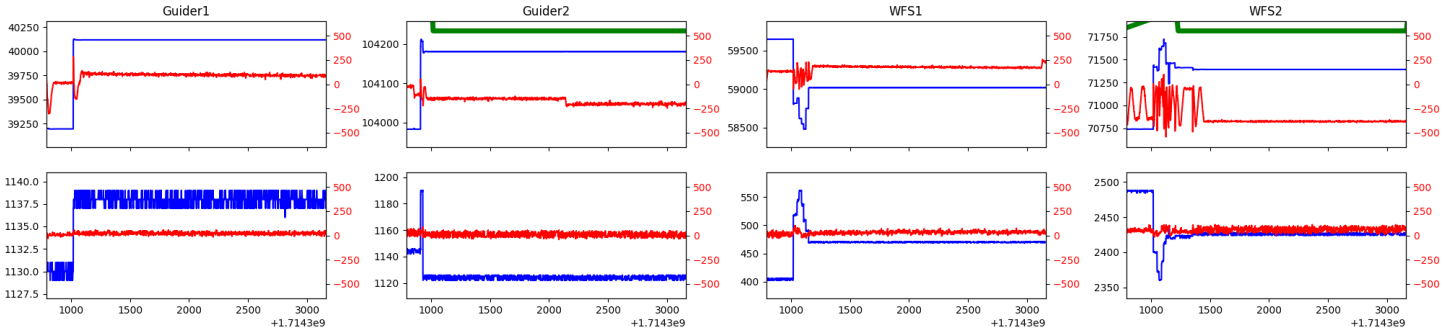
1.6 958

Trajectory 958 for desired Azimuth 11.031829 was loaded at 10:25:42.03. The go_next command was sent at 10:25:47.370 and took 141.183 seconds to complete. The setup took 180.12 seconds at an actual azimuth of 11.031867 The trajectory was cancelled at 10:38:38.99. The trajectory was stopped at 10:38:44.76 with the message "Reached end of track.".



1.7 323

Trajectory 323 for desired Azimuth 278.57054 was loaded at 10:38:46.25. The go_next command was sent at 10:38:51.594 and took 116.572 seconds to complete. The setup took 193.07 seconds at an actual azimuth of 278.57101 The trajectory was cancelled at 11:19:18.25. The trajectory was stopped at 11:19:24.52 with the message "Reached end of track.".


Guider1
Guider2
WFS1
WFS2
+1.7143e9

2 Spectrographs

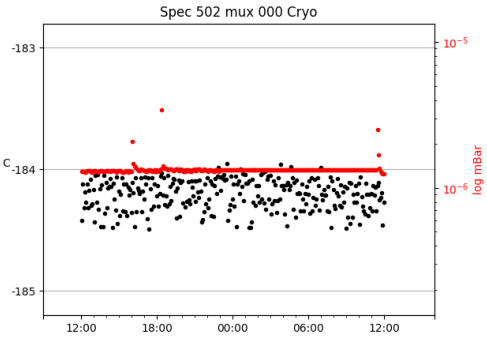
2.1 Legend

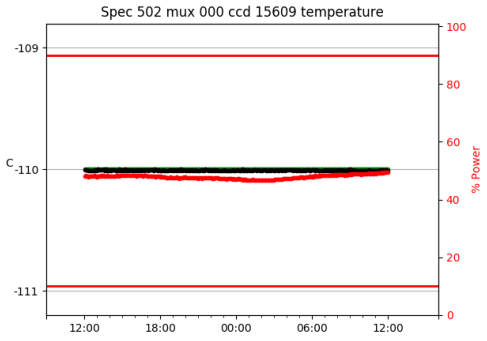
For the Spectrograph Cryo plots the Black point are the cryo temperature reading and the Red points are the cryo pressure in Torr on a log scale with the scale on the right hand vertical axis.

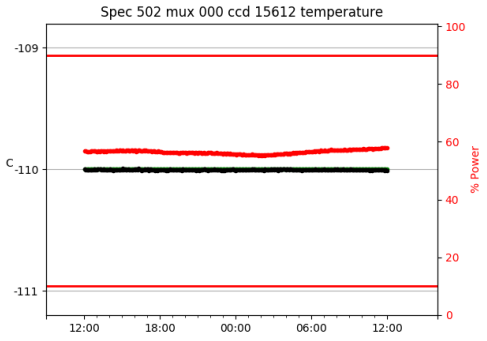
For all Spectrograph Temperature plots, the Black points are the ccd temperature reading, the Green points are the ccd set point, and the Red points are the percentage heater power with the scale on the right hand vertical axis. The two straight Red lines are the 5% and 95% power levels for the heater.

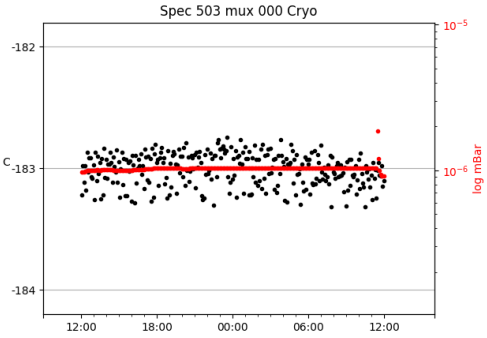
2.2 lrs2

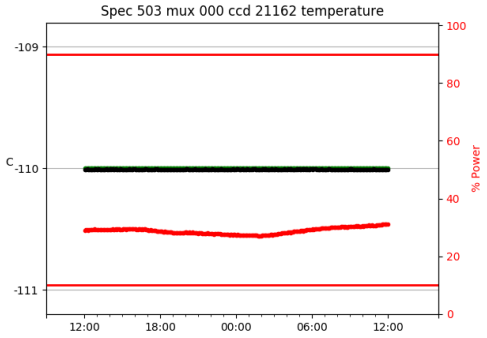
lrs2 uptime: 789:28:54 (hh:mm:ss)

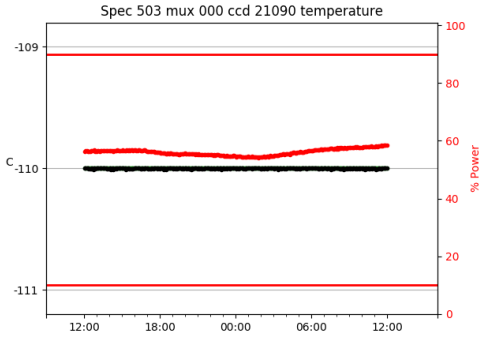






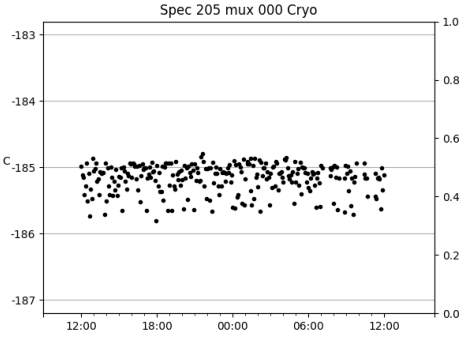


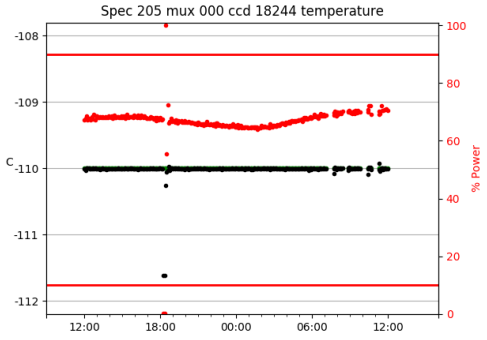


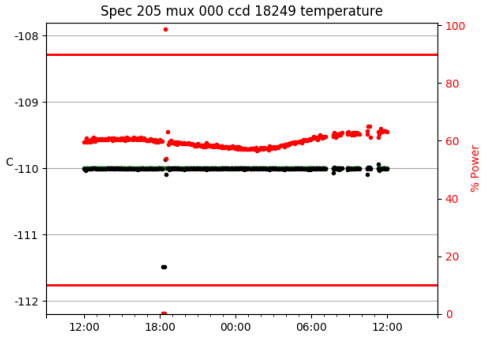


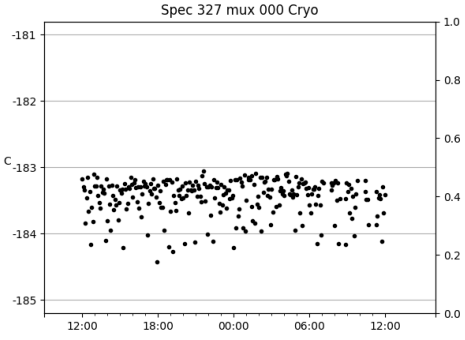
2.3 virus

virus uptime: 46:12:09 (hh:mm:ss)





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-182
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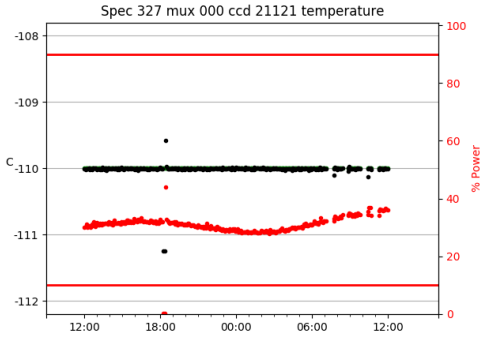
12:00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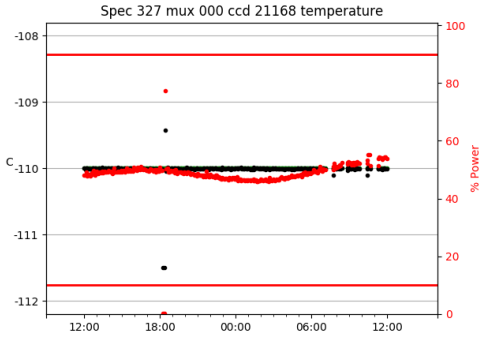
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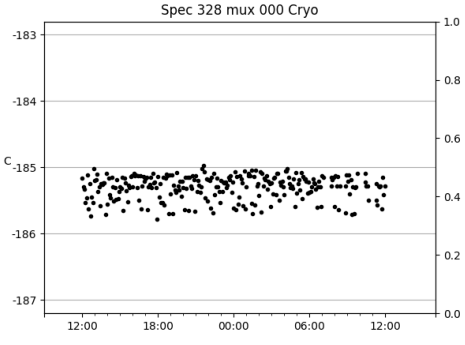
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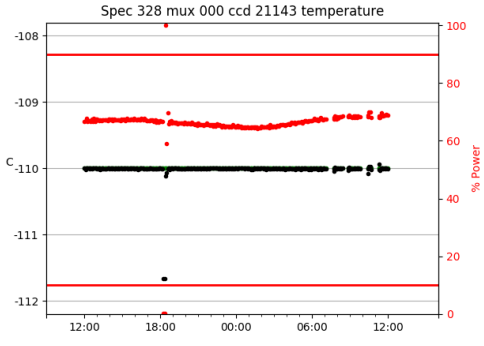
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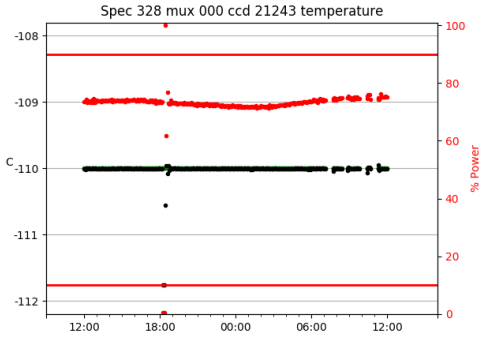
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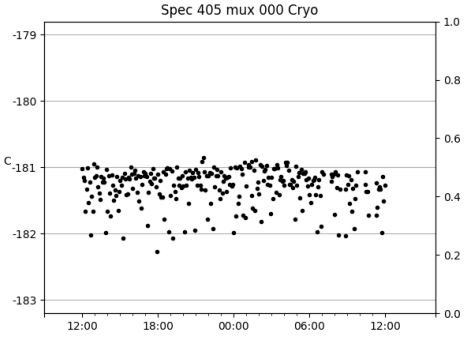
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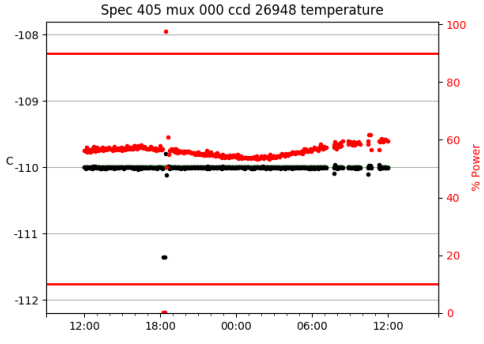
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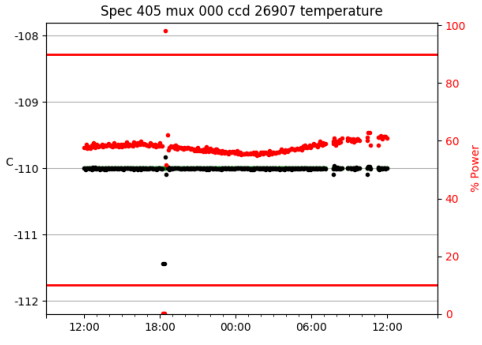
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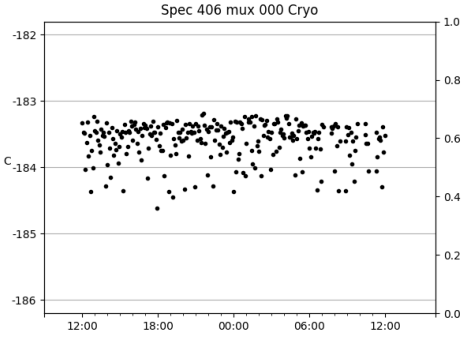
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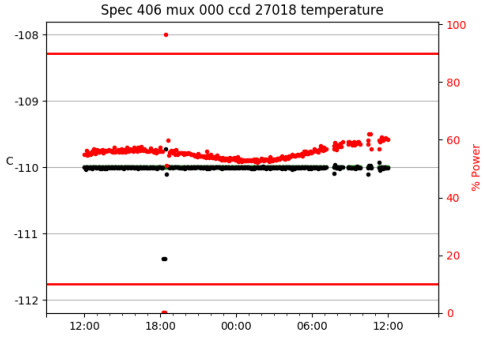
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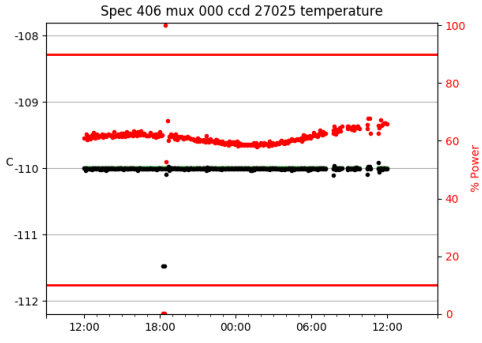
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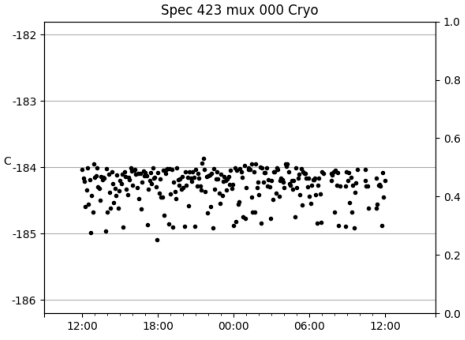
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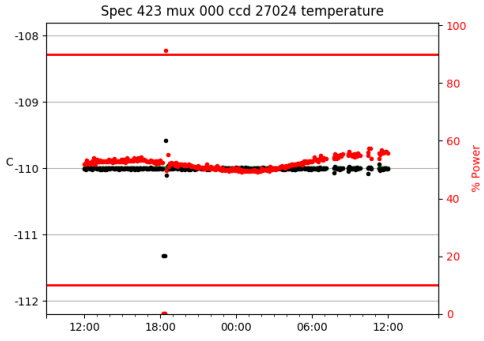
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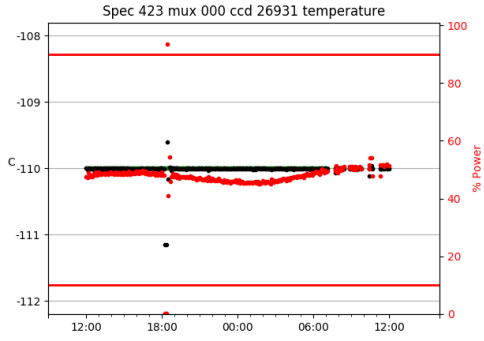
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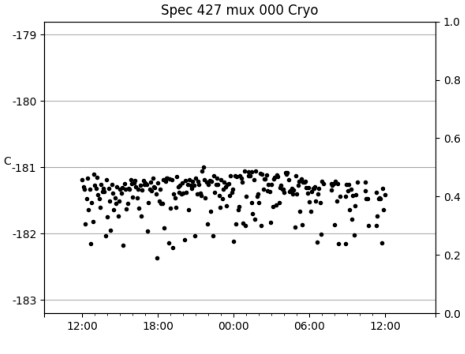
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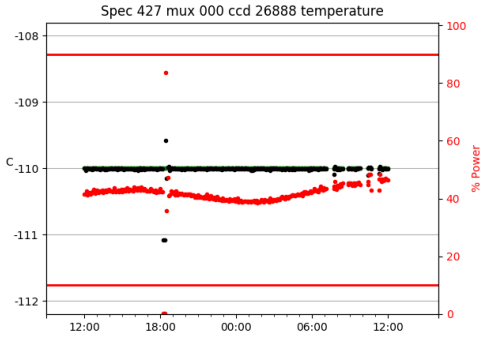
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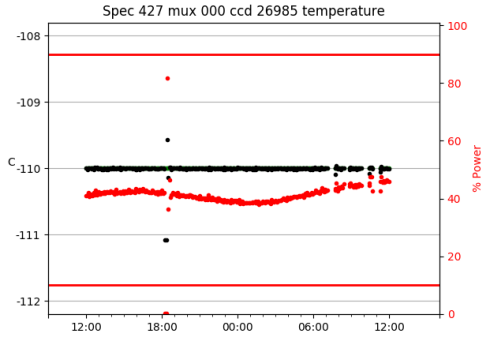
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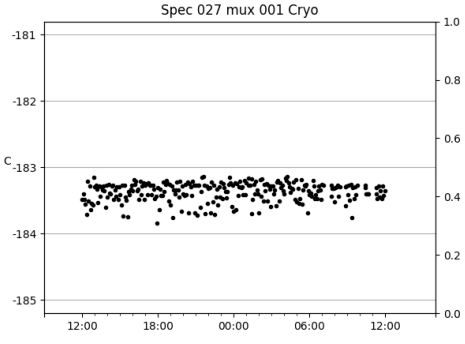
Spec 027 mux 001 Cryo
C
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-182
-183
-184
-185
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0.6
0.4
0.2
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12:00
18:00
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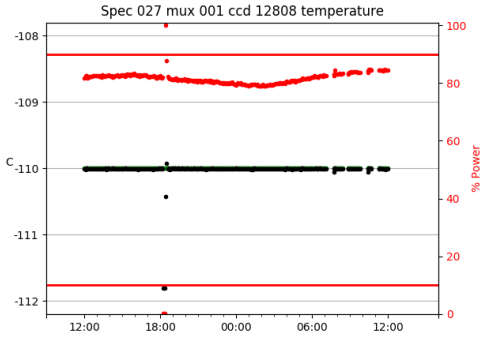
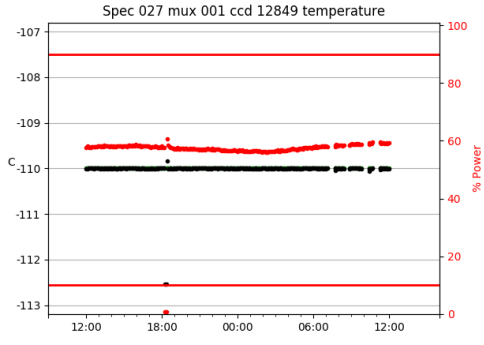
06:00
12:00


Spec 027 mux 001 ccd 12808 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 027 mux 001 ccd 12849 temperature
C
-107
-108
-109
-110
-111
-112
-113
% Power
100
80
60
40
20
0
12:00
18:00
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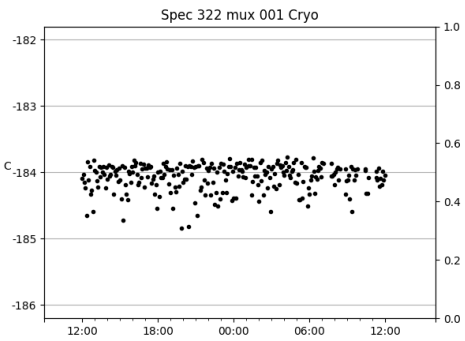
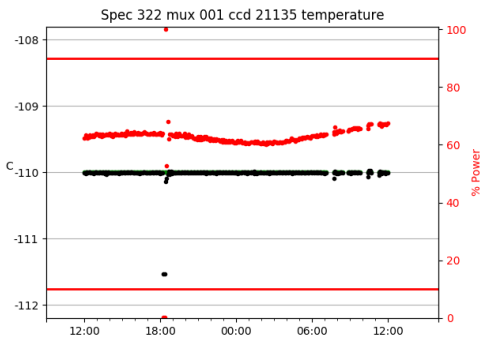
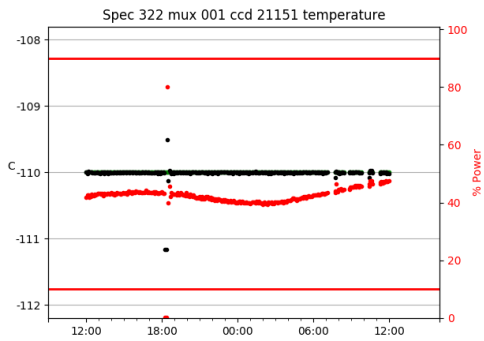
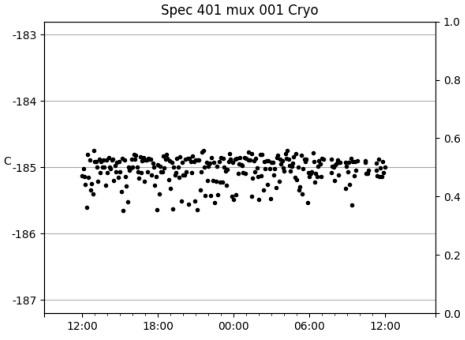
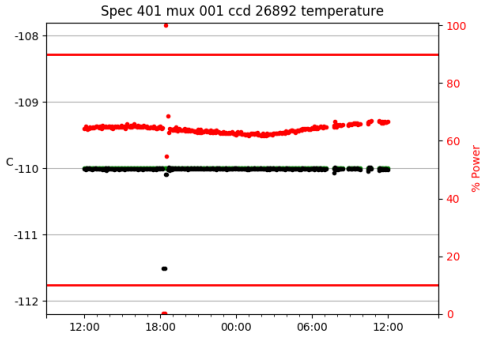
06:00
12:00

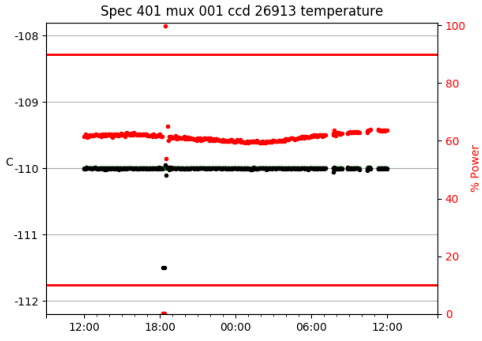

Spec 322 mux 001 Cryo
C
-182
-183
-184
-185
-186
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

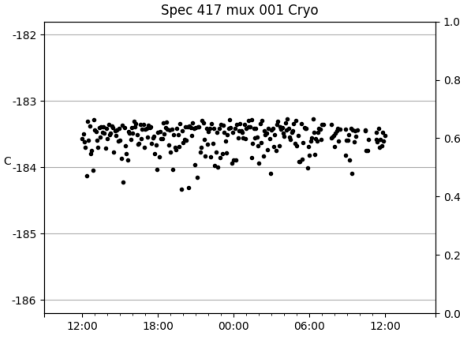

Spec 322 mux 001 ccd 21135 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

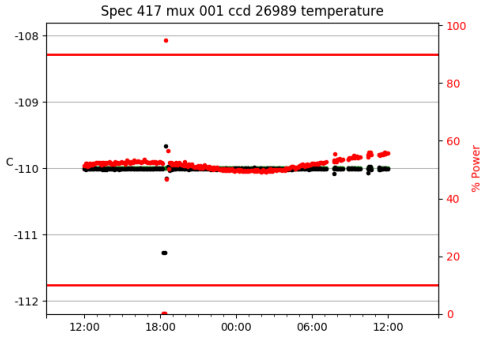

Spec 322 mux 001 ccd 21151 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

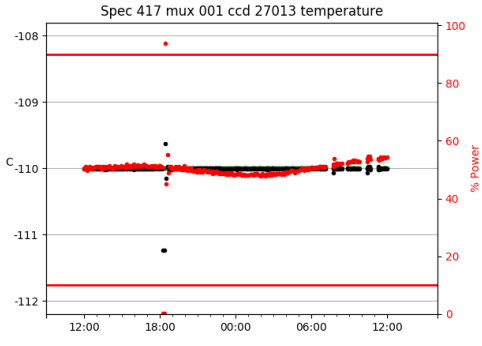

Spec 401 mux 001 Cryo
C
-183
-184
-185
-186
-187
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

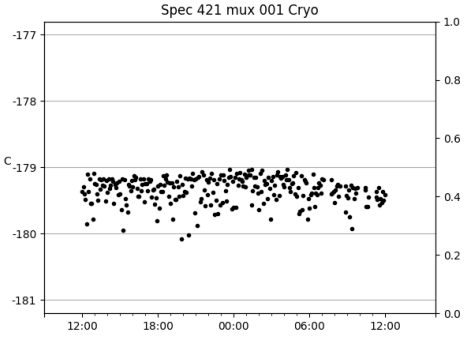

Spec 401 mux 001 ccd 26892 temperature
C
% Power
-108
-109
-110
-111
-112
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

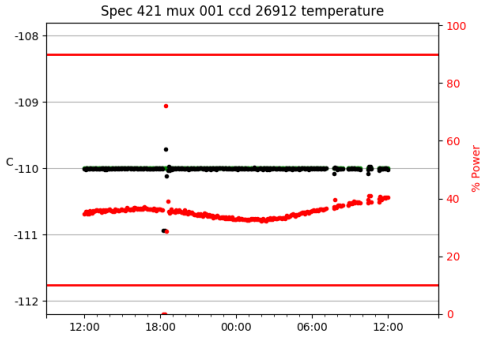

Spec 401 mux 001 ccd 26913 temperature
C
% Power
-108
-109
-110
-111
-112
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

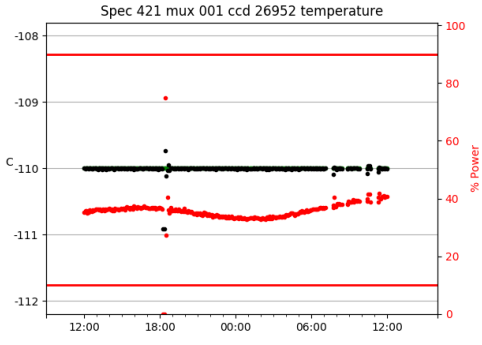

Spec 417 mux 001 Cryo
C
-182
-183
-184
-185
-186
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

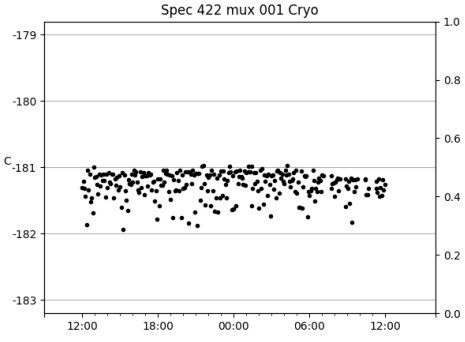

Spec 417 mux 001 ccd 26989 temperature
C
% Power
-108
-109
-110
-111
-112
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

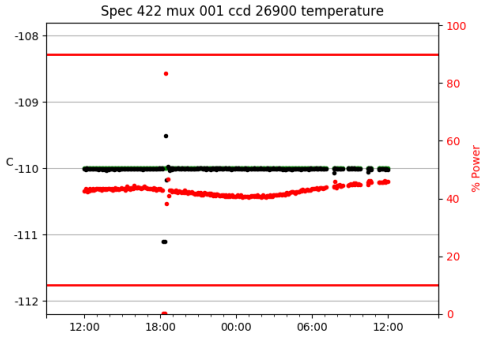

Spec 417 mux 001 ccd 27013 temperature
C
% Power
-108
-109
-110
-111
-112
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

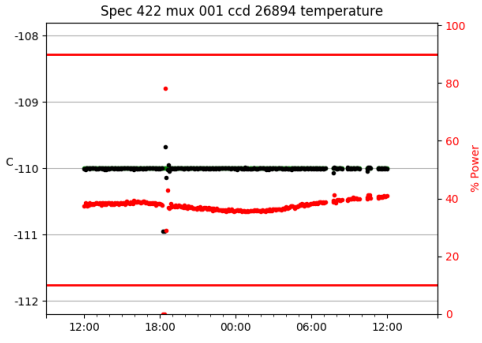

Spec 421 mux 001 Cryo
C
-177
-178
-179
-180
-181
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 421 mux 001 ccd 26912 temperature
C
% Power
-108
-109
-110
-111
-112
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 421 mux 001 ccd 26952 temperature
C
% Power
-108
-109
-110
-111
-112
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 422 mux 001 Cryo
C
-179
-180
-181
-182
-183
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 422 mux 001 ccd 26900 temperature
C
% Power
-108
-109
-110
-111
-112
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 422 mux 001 ccd 26894 temperature
C
% Power
-108
-109
-110
-111
-112
100
80
60
40
20
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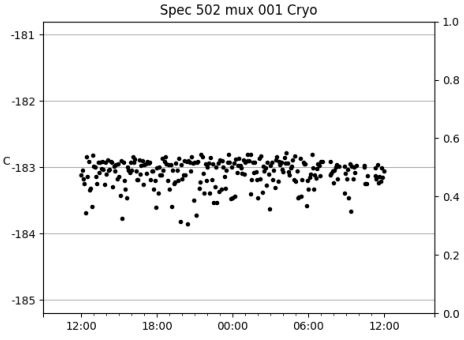
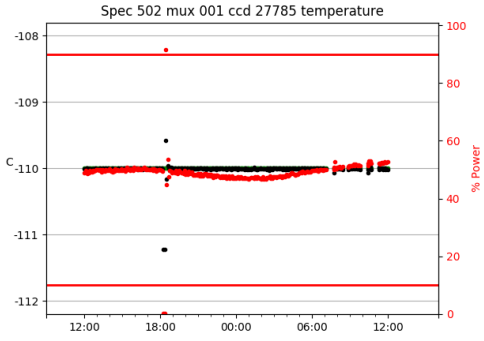
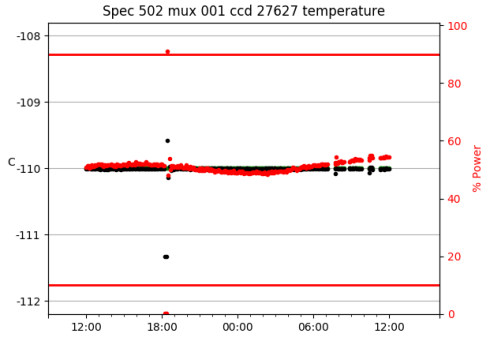
12:00
18:00
00:00
06:00
12:00


Spec 502 mux 001 Cryo
C
-181
-182
-183
-184
-185
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 502 mux 001 ccd 27785 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 502 mux 001 ccd 27627 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
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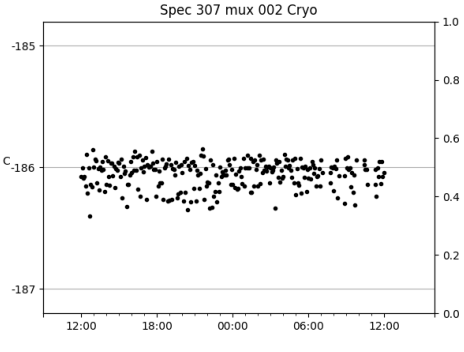
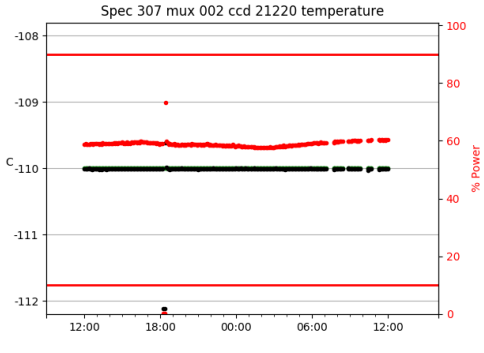
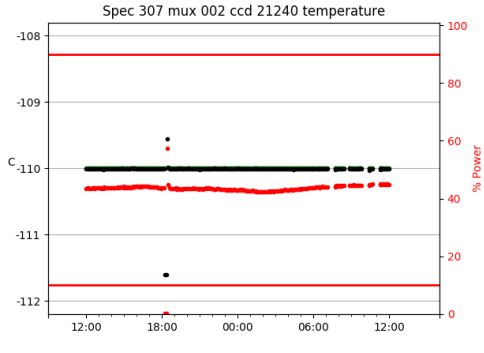
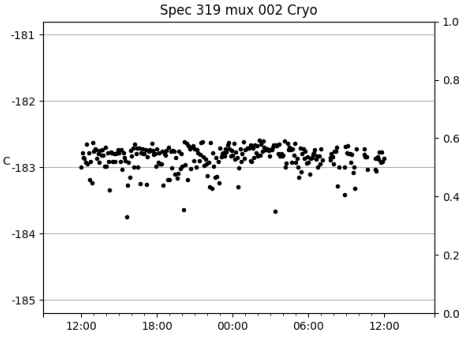
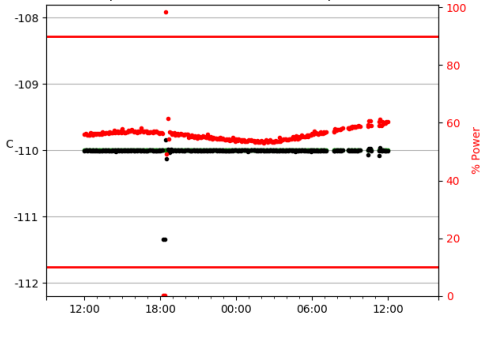
12:00
18:00
00:00
06:00
12:00

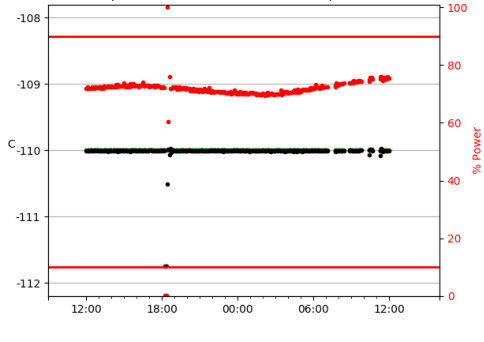

Spec 307 mux 002 Cryo
C
-185
-186
-187
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

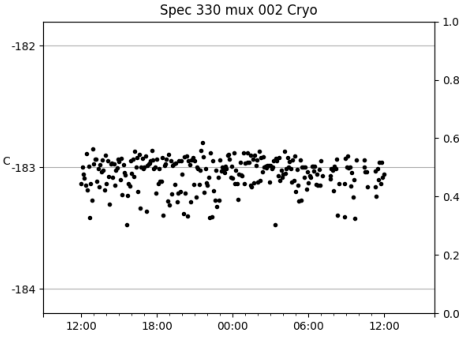

Spec 307 mux 002 ccd 21220 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

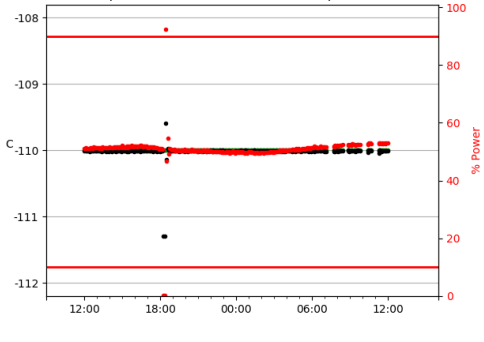

Spec 307 mux 002 ccd 21240 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 319 mux 002 Cryo
C
-181
-182
-183
-184
-185
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 319 mux 002 ccd 21166 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 319 mux 002 ccd 21200 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 330 mux 002 Cryo
C
-182
-183
-184
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 330 mux 002 ccd 21223 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
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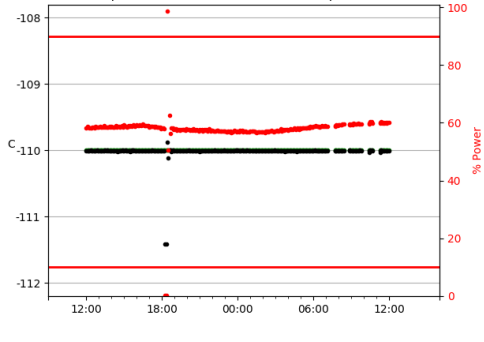
12:00
18:00
00:00
06:00
12:00


Spec 330 mux 002 ccd 21224 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
0
12:00
18:00
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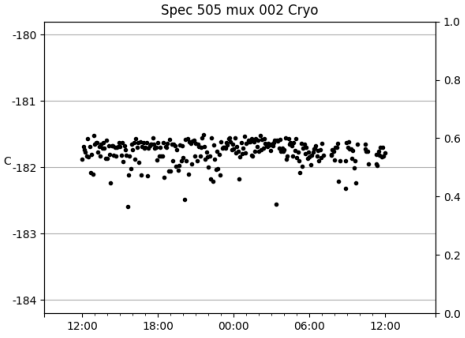
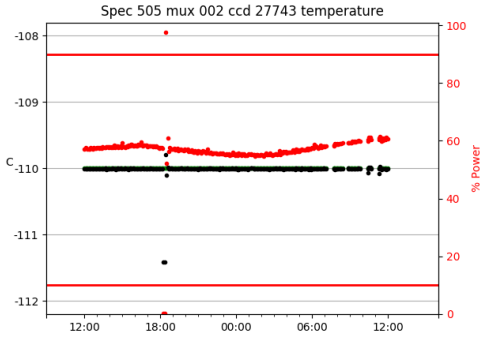
06:00
12:00


Spec 505 mux 002 Cryo
C
-180
-181
-182
-183
-184
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 505 mux 002 ccd 27743 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
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12:00
18:00
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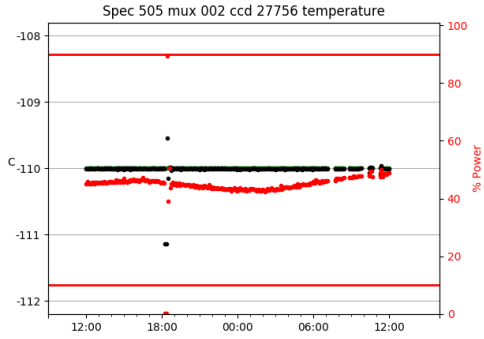
06:00
12:00


Spec 505 mux 002 ccd 27756 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
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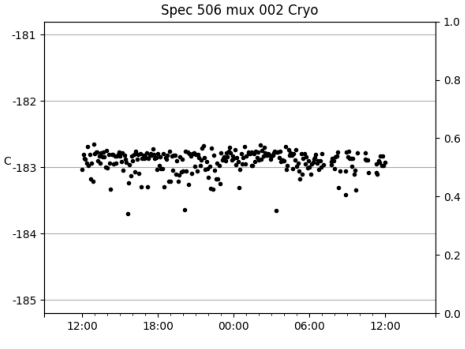
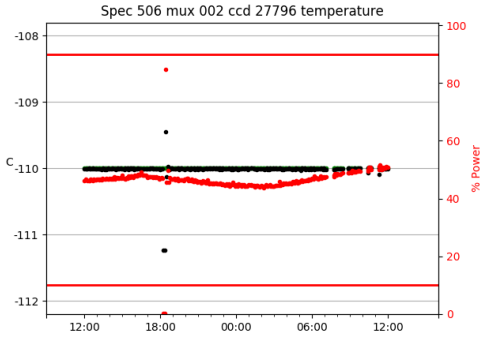
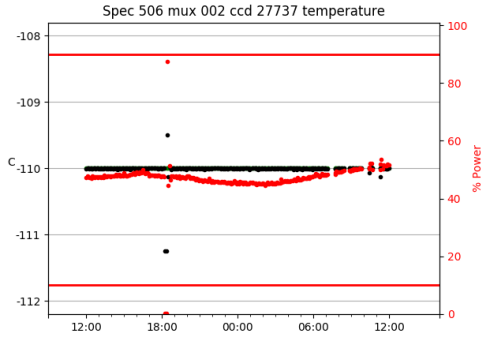
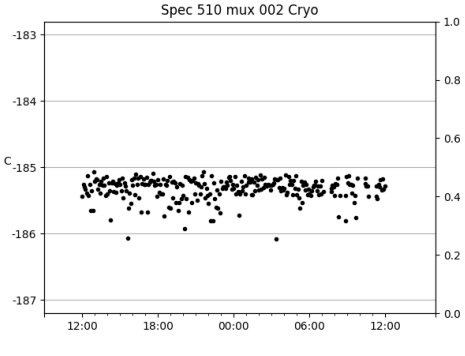
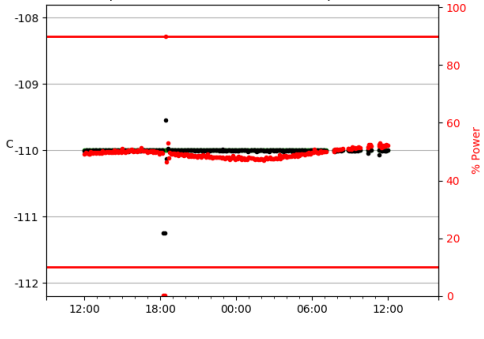
12:00
18:00
00:00
06:00
12:00

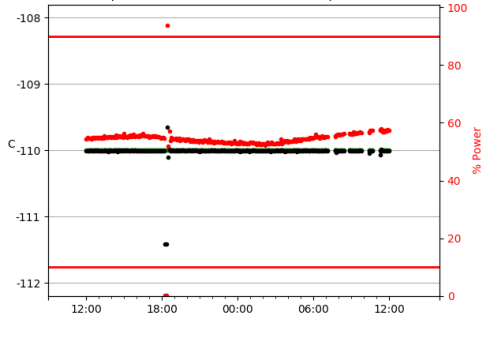

Spec 506 mux 002 Cryo
C
-181
-182
-183
-184
-185
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 506 mux 002 ccd 27796 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 506 mux 002 ccd 27737 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 510 mux 002 Cryo
C
-183
-184
-185
-186
-187
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 510 mux 002 ccd 27680 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 510 mux 002 ccd 27691 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
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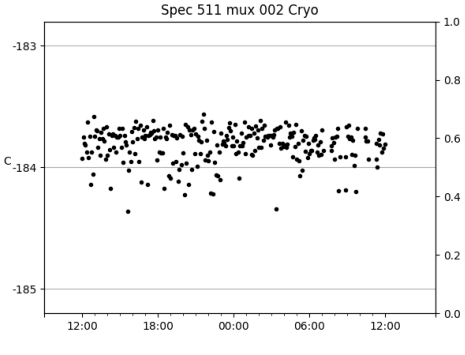
Spec 511 mux 002 Cryo
C
-183
-184
-185
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
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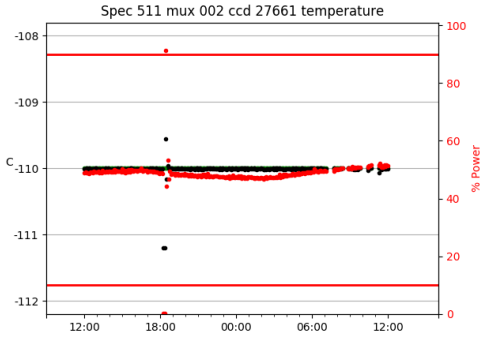
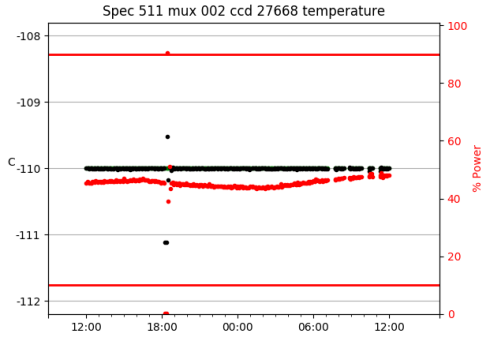
12:00


Spec 511 mux 002 ccd 27661 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 511 mux 002 ccd 27668 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
0
12:00
18:00
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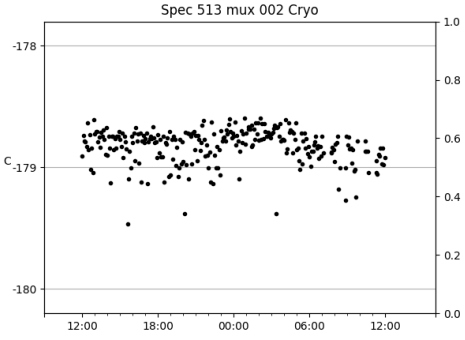
06:00
12:00


Spec 513 mux 002 Cryo
C
-178
-179
-180
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
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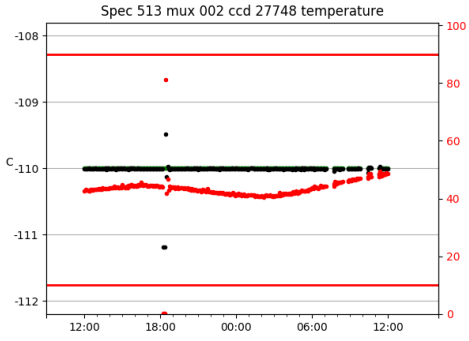
06:00
12:00


Spec 513 mux 002 ccd 27748 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
0
12:00
18:00
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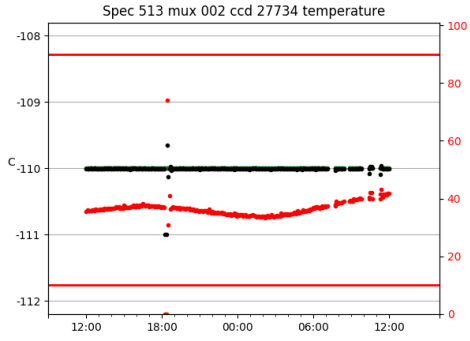
06:00
12:00


Spec 513 mux 002 ccd 27734 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
0
12:00
18:00
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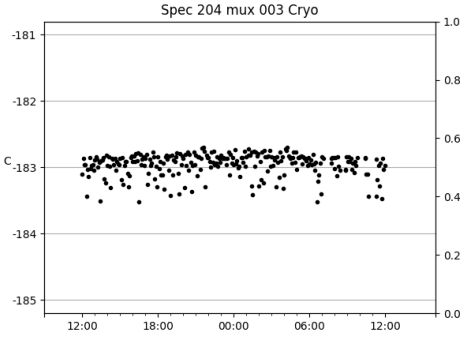
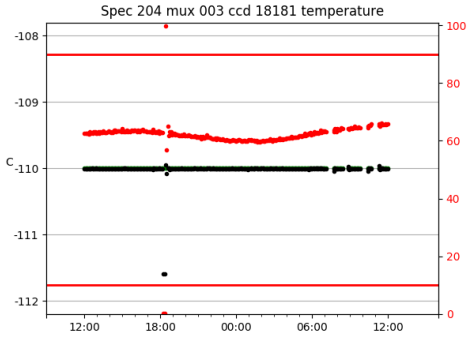
06:00
12:00


Spec 204 mux 003 Cryo
C
-181
-182
-183
-184
-185
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 204 mux 003 ccd 18181 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
0
12:00
18:00
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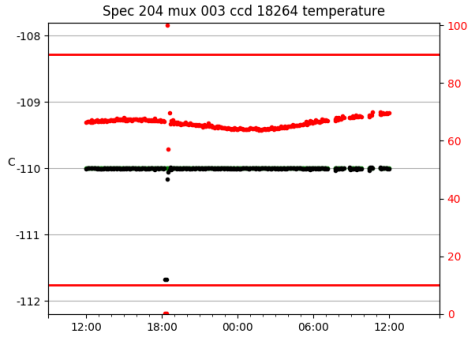
06:00
12:00


Spec 204 mux 003 ccd 18264 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
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12:00
18:00
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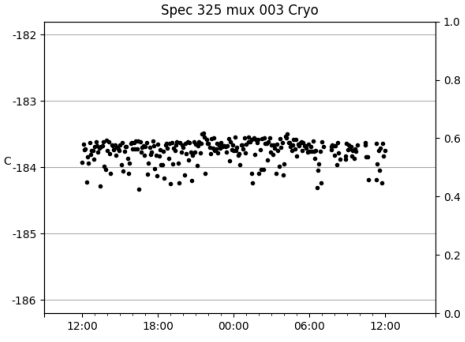
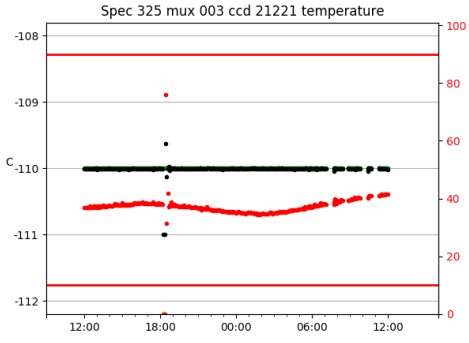
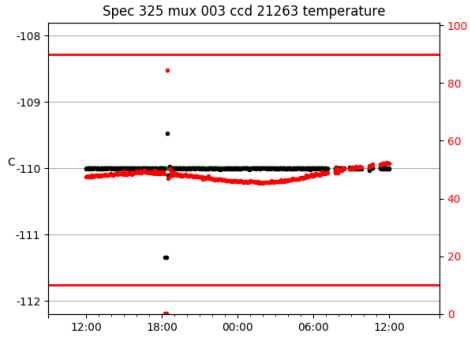
06:00
12:00


Spec 325 mux 003 Cryo
C
-182
-183
-184
-185
-186
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 325 mux 003 ccd 21221 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 325 mux 003 ccd 21263 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
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12:00
18:00
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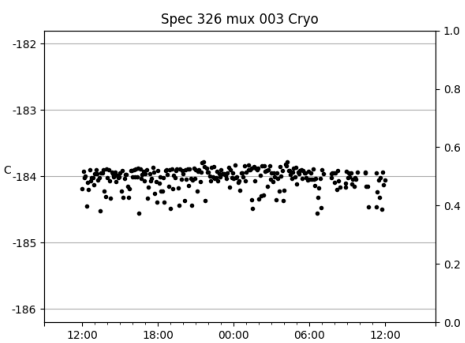
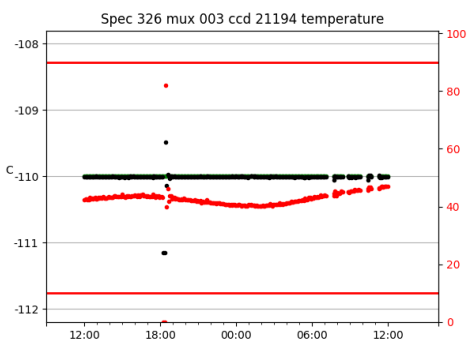
06:00
12:00


Spec 326 mux 003 Cryo
C
-182
-183
-184
-185
-186
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 326 mux 003 ccd 21194 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
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12:00
18:00
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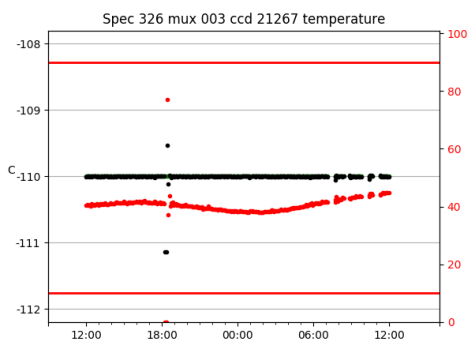
06:00
12:00


Spec 326 mux 003 ccd 21267 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
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12:00
18:00
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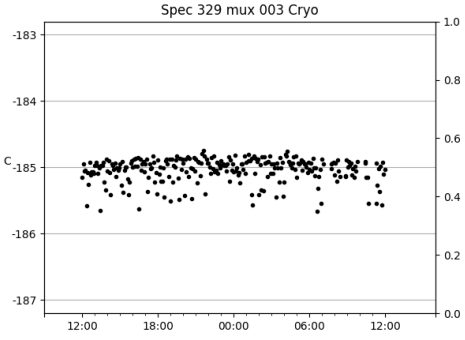
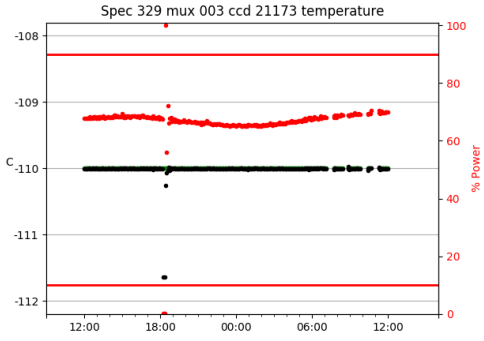
06:00
12:00


Spec 329 mux 003 Cryo
C
-183
-184
-185
-186
-187
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 329 mux 003 ccd 21173 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
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12:00
18:00
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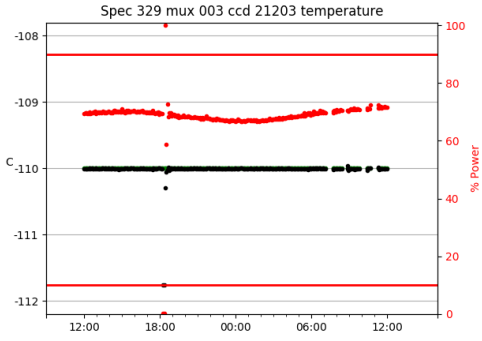
06:00
12:00


Spec 329 mux 003 ccd 21203 temperature
C
-108
-109
-110
-111
-112
% Power
100
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60
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18:00
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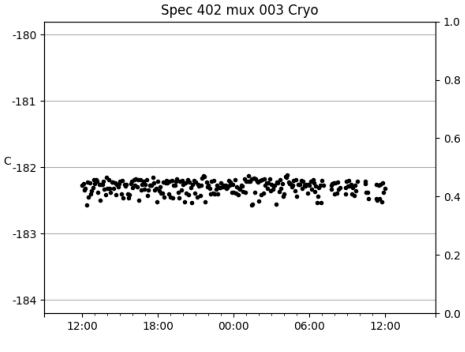
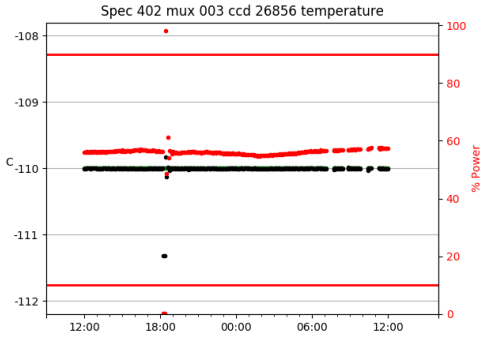
06:00
12:00


Spec 402 mux 003 Cryo
C
-180
-181
-182
-183
-184
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 402 mux 003 ccd 26856 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
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12:00
18:00
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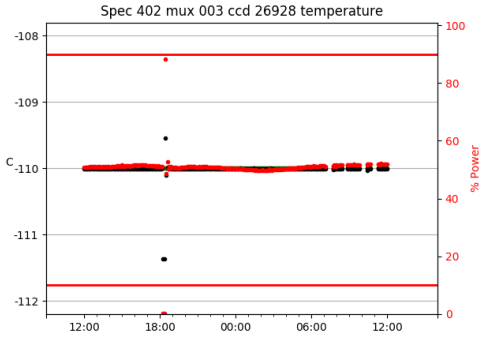
06:00
12:00


Spec 402 mux 003 ccd 26928 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
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12:00
18:00
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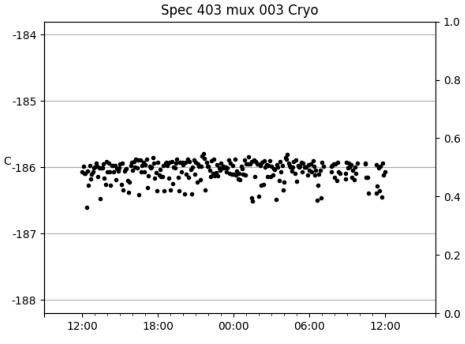
06:00
12:00


Spec 403 mux 003 Cryo
C
-184
-185
-186
-187
-188
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
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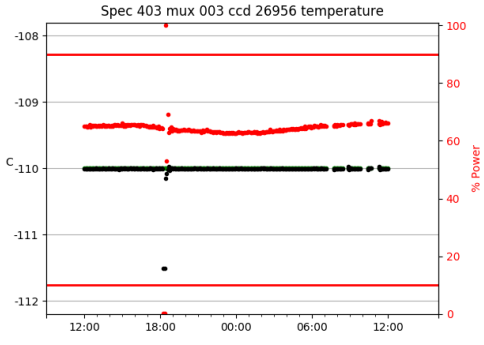
06:00
12:00


Spec 403 mux 003 ccd 26956 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
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12:00
18:00
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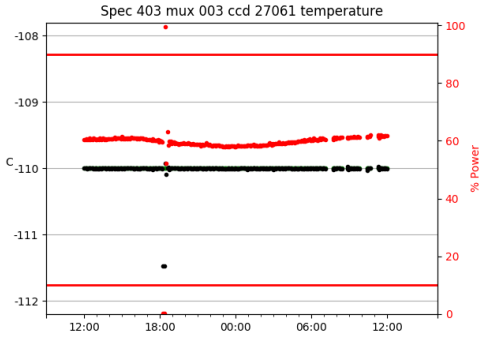
06:00
12:00


Spec 403 mux 003 ccd 27061 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
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12:00
18:00
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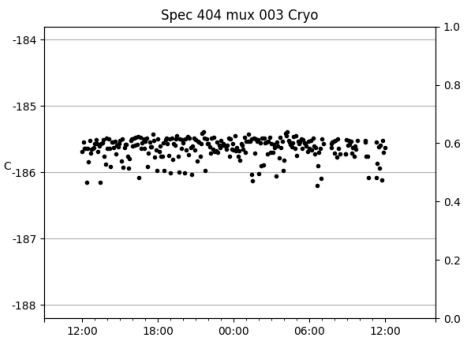
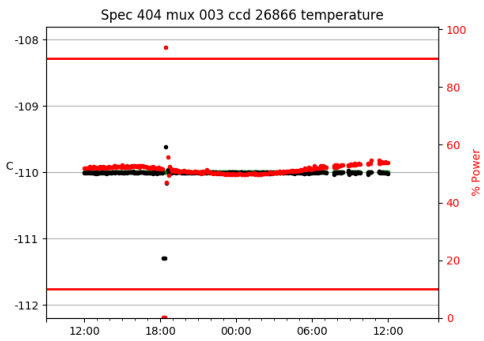
06:00
12:00


Spec 404 mux 003 Cryo
C
-184
-185
-186
-187
-188
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 404 mux 003 ccd 26866 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
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20
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12:00
18:00
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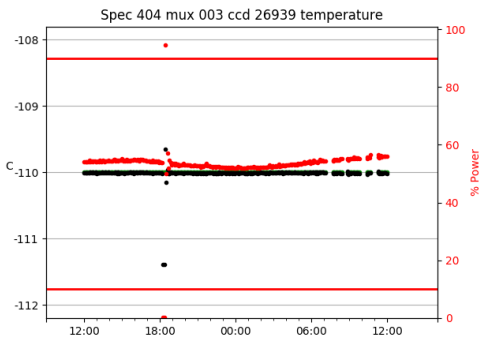
06:00
12:00


Spec 404 mux 003 ccd 26939 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
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12:00
18:00
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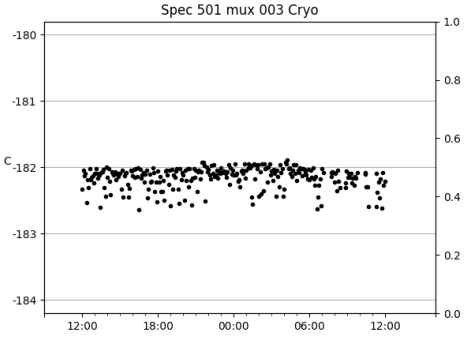
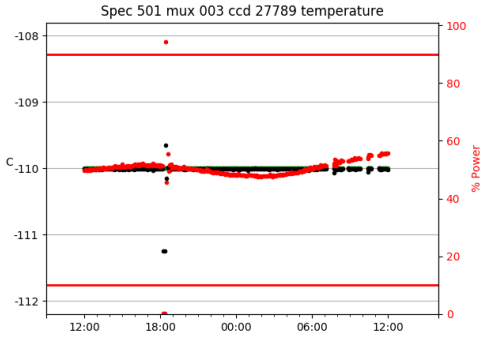
06:00
12:00


Spec 501 mux 003 Cryo
C
-180
-181
-182
-183
-184
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 501 mux 003 ccd 27789 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
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12:00
18:00
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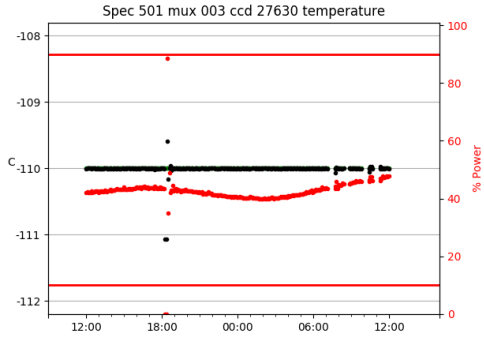
06:00
12:00


Spec 501 mux 003 ccd 27630 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
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12:00
18:00
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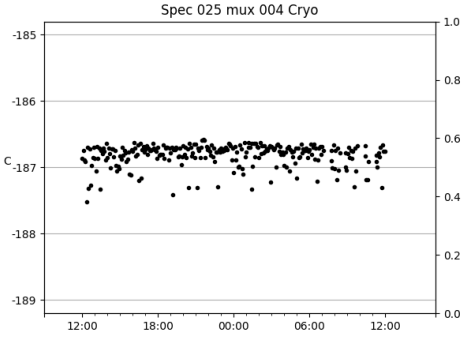
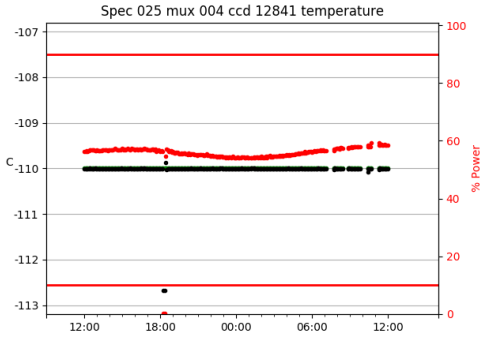
06:00
12:00


Spec 025 mux 004 Cryo
C
-185
-186
-187
-188
-189
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 025 mux 004 ccd 12841 temperature
C
-107
-108
-109
-110
-111
-112
-113
% Power
100
80
60
40
20
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12:00
18:00
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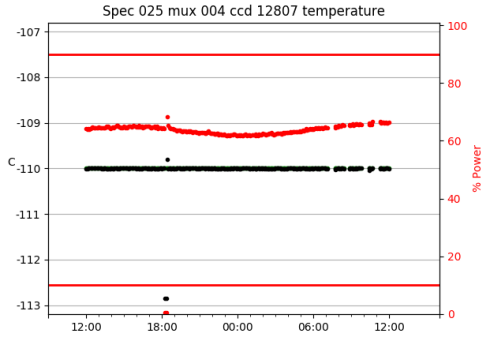
06:00
12:00


Spec 025 mux 004 ccd 12807 temperature
C
-107
-108
-109
-110
-111
-112
-113
% Power
100
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12:00
18:00
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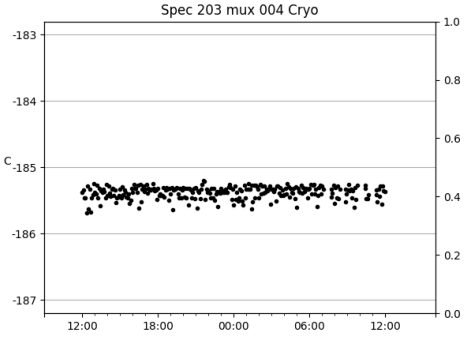
06:00
12:00


Spec 203 mux 004 Cryo
C
-183
-184
-185
-186
-187
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
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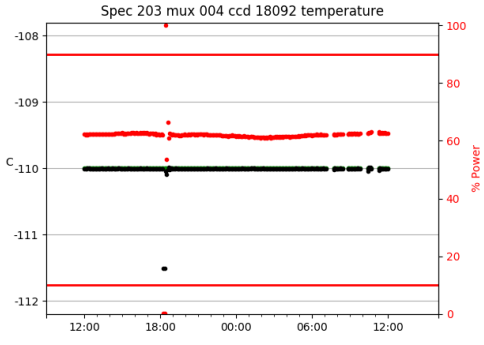
06:00
12:00


Spec 203 mux 004 ccd 18092 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
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12:00
18:00
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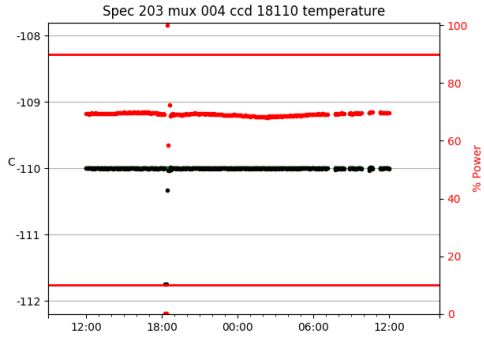
Spec 203 mux 004 ccd 18110 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
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12:00
18:00
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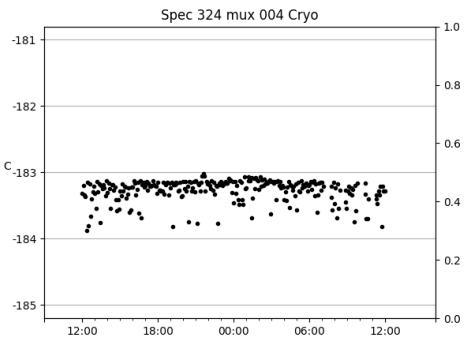
12:00


Spec 324 mux 004 Cryo
C
-181
-182
-183
-184
-185
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
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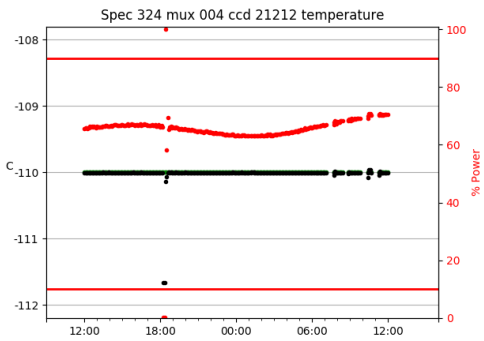
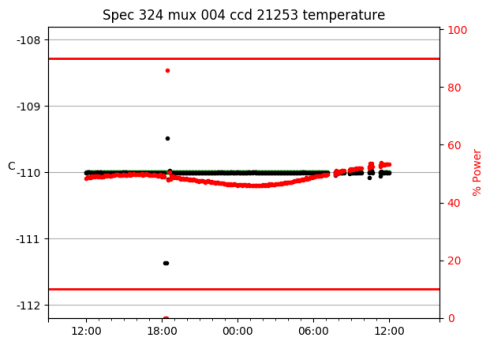
06:00
12:00


Spec 324 mux 004 ccd 21212 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 324 mux 004 ccd 21253 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
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12:00
18:00
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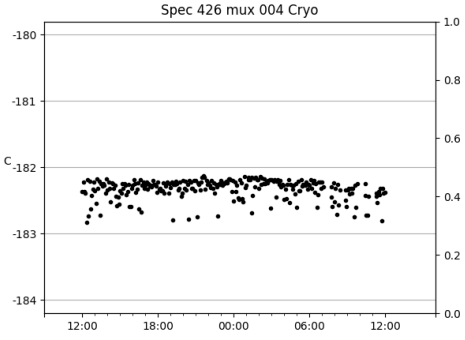
06:00
12:00


Spec 426 mux 004 Cryo
C
-180
-181
-182
-183
-184
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
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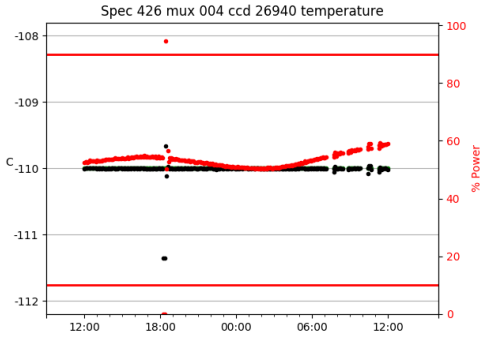
06:00
12:00


Spec 426 mux 004 ccd 26940 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
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12:00
18:00
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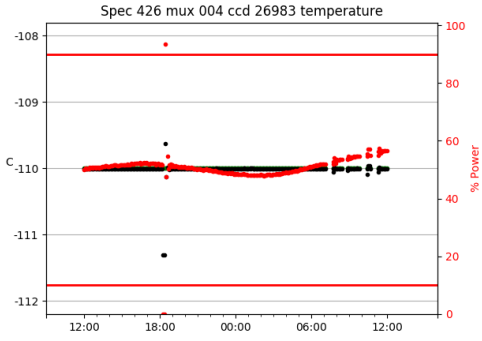
06:00
12:00


Spec 426 mux 004 ccd 26983 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
0
12:00
18:00
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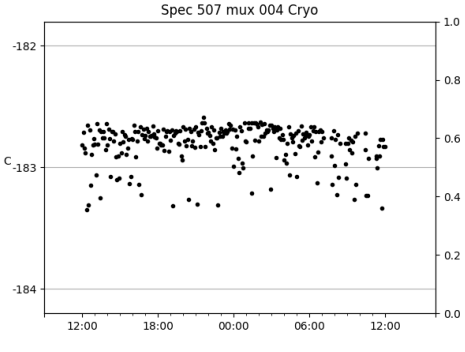
06:00
12:00


Spec 507 mux 004 Cryo
C
-182
-183
-184
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
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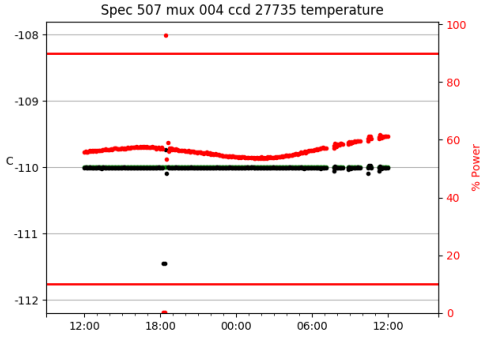
06:00
12:00


Spec 507 mux 004 ccd 27735 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
0
12:00
18:00
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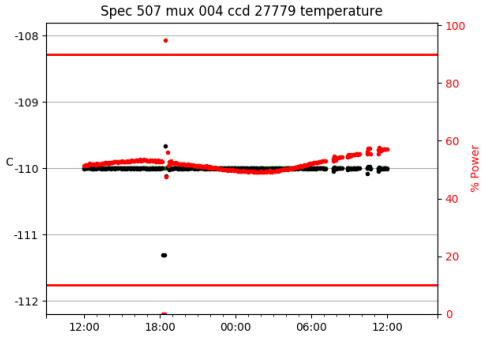
06:00
12:00


Spec 507 mux 004 ccd 27779 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
0
12:00
18:00
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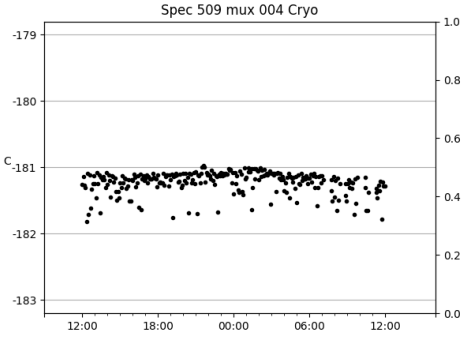
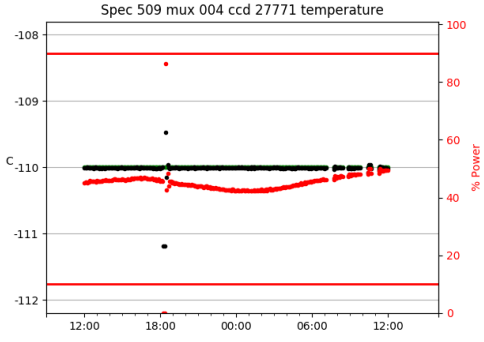
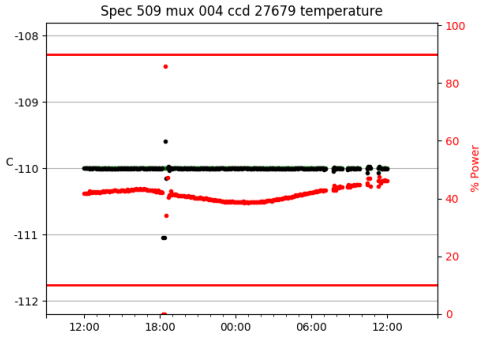
06:00
12:00


Spec 509 mux 004 Cryo
C
-179
-180
-181
-182
-183
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 509 mux 004 ccd 27771 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 509 mux 004 ccd 27679 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
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12:00
18:00
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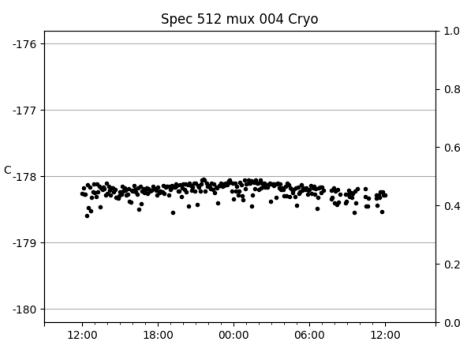
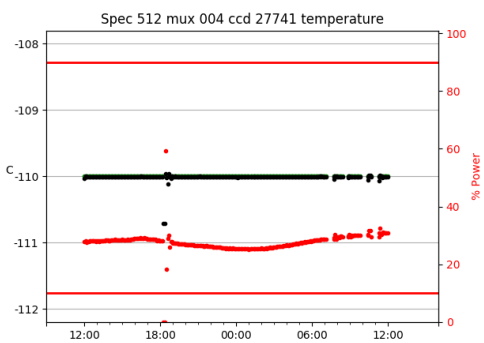
06:00
12:00


Spec 512 mux 004 Cryo
C
-176
-177
-178
-179
-180
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 512 mux 004 ccd 27741 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
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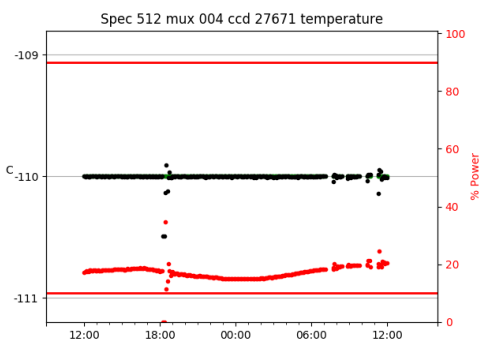
12:00
18:00
00:00
06:00
12:00


Spec 512 mux 004 ccd 27671 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
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12:00
18:00
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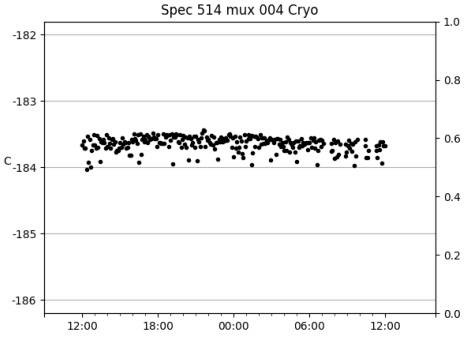
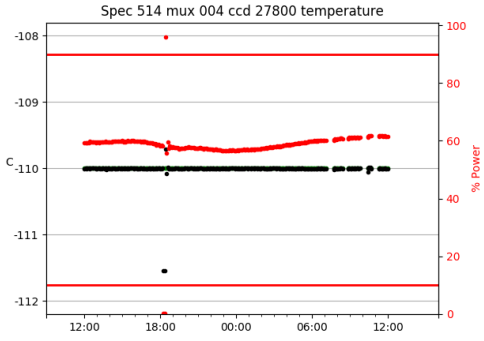
06:00
12:00


Spec 514 mux 004 Cryo
C
-182
-183
-184
-185
-186
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 514 mux 004 ccd 27800 temperature
C
% Power
-108
-109
-110
-111
-112
100
80
60
40
20
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18:00
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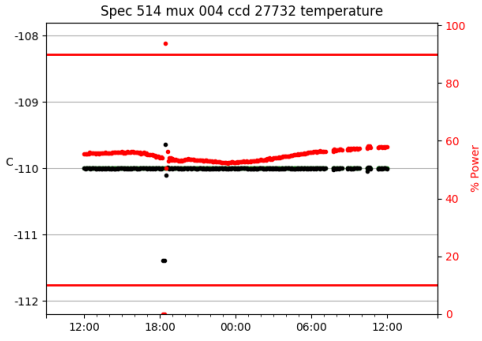
06:00
12:00


Spec 514 mux 004 ccd 27732 temperature
C
% Power
-108
-109
-110
-111
-112
100
80
60
40
20
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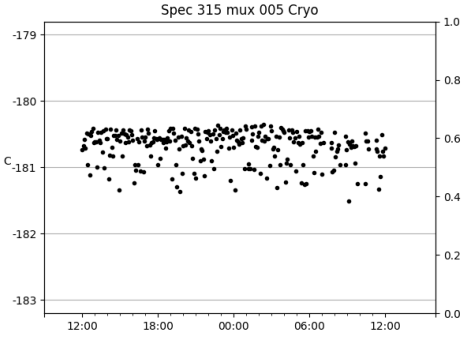
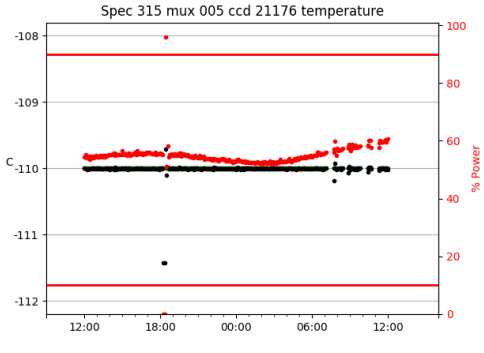
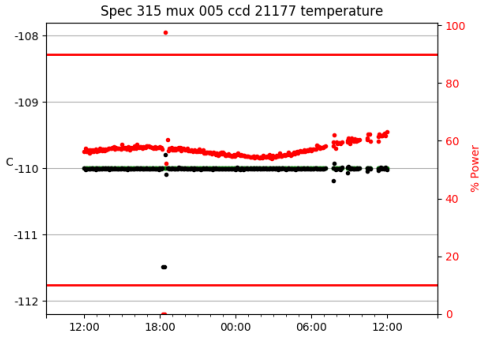
12:00
18:00
00:00
06:00
12:00


Spec 315 mux 005 Cryo
C
-179
-180
-181
-182
-183
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 315 mux 005 ccd 21176 temperature
C
% Power
-108
-109
-110
-111
-112
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 315 mux 005 ccd 21177 temperature
C
% Power
-108
-109
-110
-111
-112
100
80
60
40
20
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12:00
18:00
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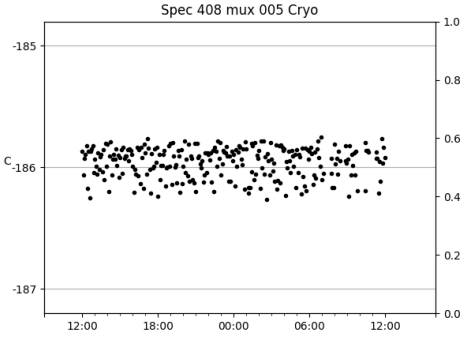
06:00
12:00


Spec 408 mux 005 Cryo
C
-185
-186
-187
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
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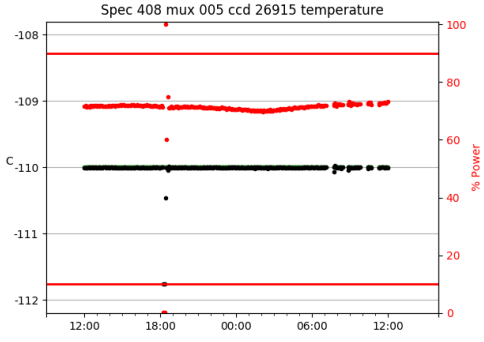
06:00
12:00


Spec 408 mux 005 ccd 26915 temperature
C
% Power
-108
-109
-110
-111
-112
100
80
60
40
20
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12:00
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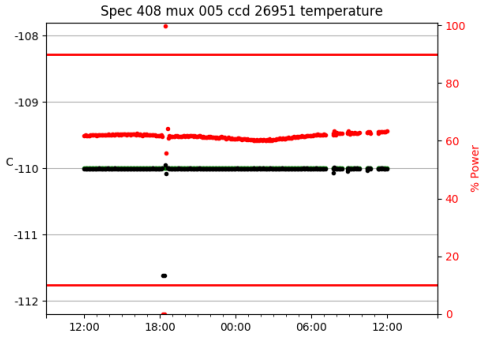
06:00
12:00


Spec 408 mux 005 ccd 26951 temperature
C
% Power
-108
-109
-110
-111
-112
100
80
60
40
20
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12:00
18:00
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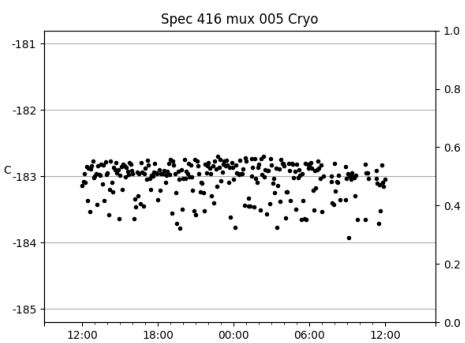
06:00
12:00


Spec 416 mux 005 Cryo
C
-181
-182
-183
-184
-185
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
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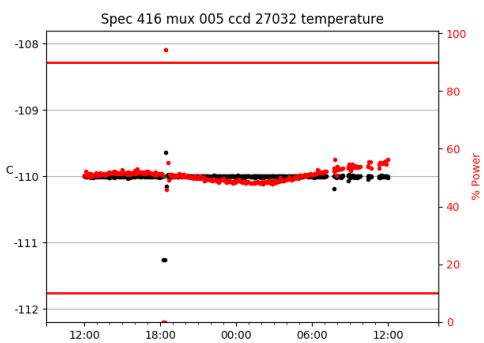
06:00
12:00


Spec 416 mux 005 ccd 27032 temperature
C
% Power
-108
-109
-110
-111
-112
100
80
60
40
20
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12:00
18:00
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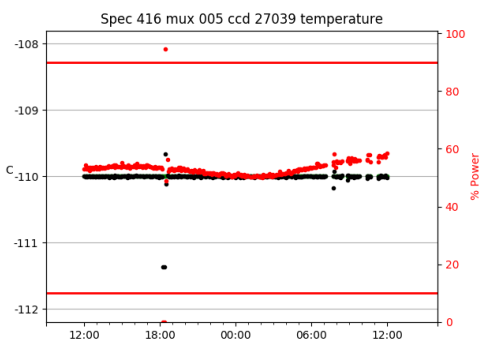
06:00
12:00


Spec 416 mux 005 ccd 27039 temperature
C
% Power
-108
-109
-110
-111
-112
100
80
60
40
20
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12:00
18:00
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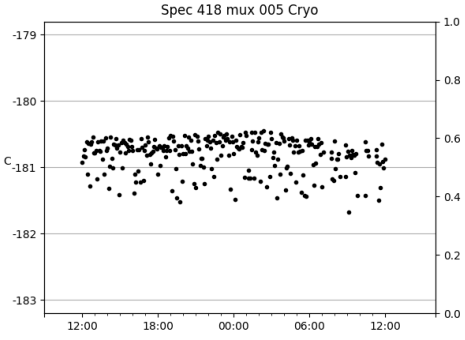
06:00
12:00


Spec 418 mux 005 Cryo
C
-179
-180
-181
-182
-183
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
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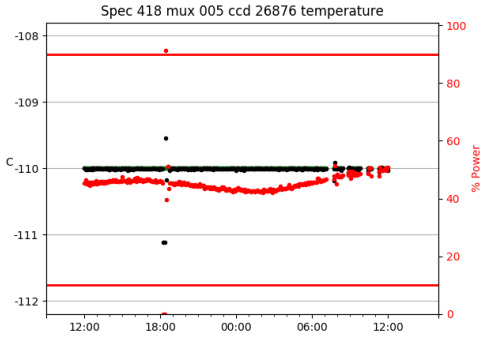
06:00
12:00


Spec 418 mux 005 ccd 26876 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
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18:00
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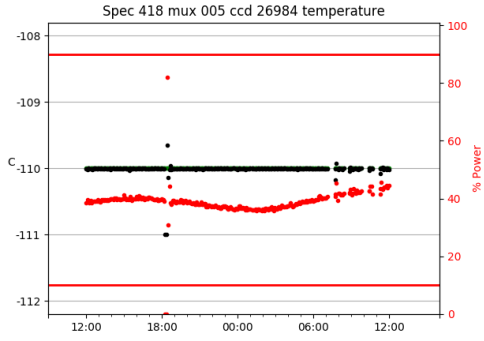
Spec 418 mux 005 ccd 26984 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
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12:00
18:00
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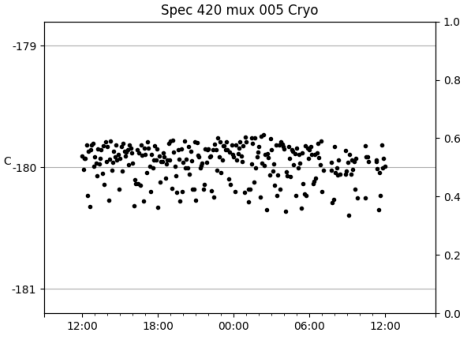
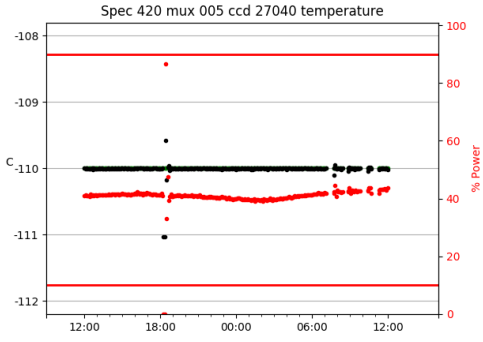
06:00
12:00


Spec 420 mux 005 Cryo
C
-179
-180
-181
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 420 mux 005 ccd 27040 temperature
C
-108
-109
-110
-111
-112
% Power
100
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60
40
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12:00
18:00
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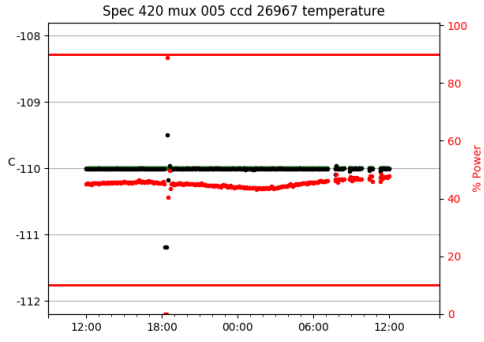
06:00
12:00


Spec 420 mux 005 ccd 26967 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
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12:00
18:00
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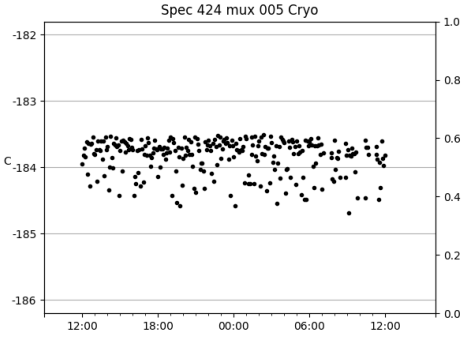
06:00
12:00


Spec 424 mux 005 Cryo
C
-182
-183
-184
-185
-186
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
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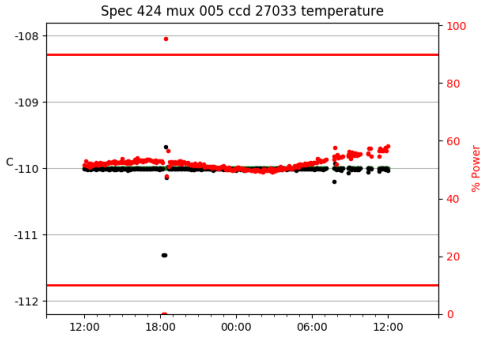
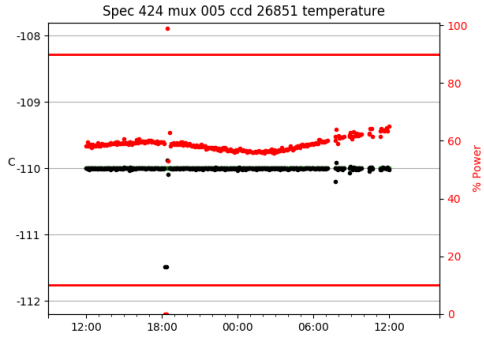
06:00
12:00


Spec 424 mux 005 ccd 27033 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 424 mux 005 ccd 26851 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
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12:00
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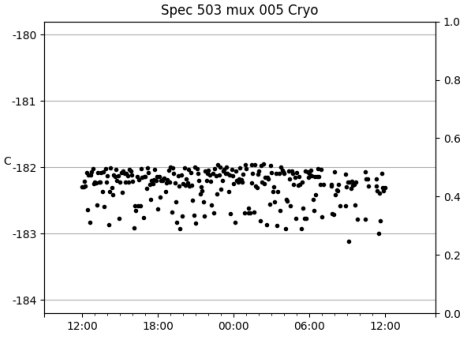
Spec 503 mux 005 Cryo
C
-180
-181
-182
-183
-184
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
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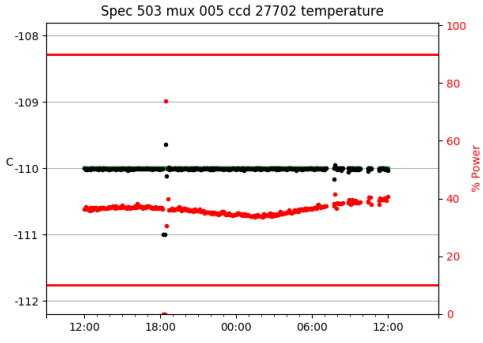
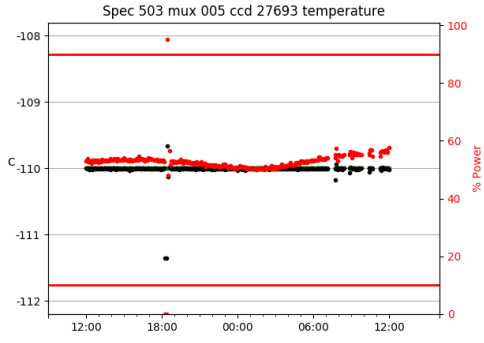
06:00
12:00


Spec 503 mux 005 ccd 27702 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 503 mux 005 ccd 27693 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
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12:00
18:00
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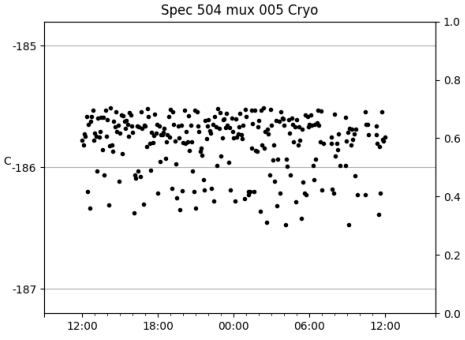
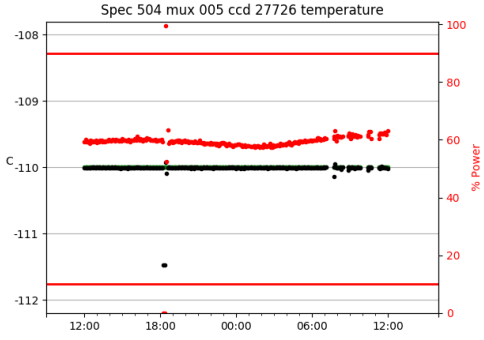
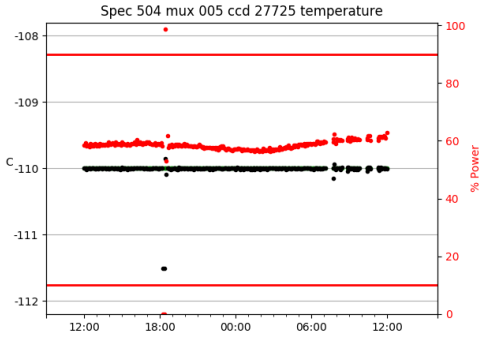
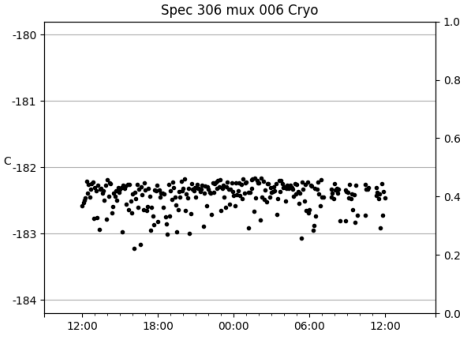
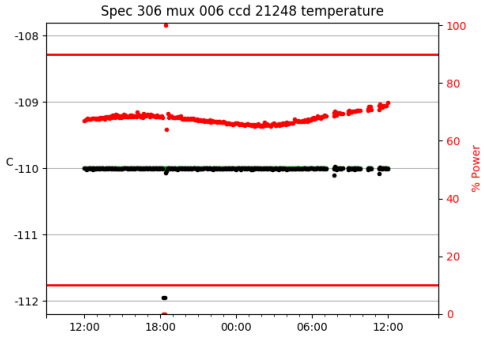
06:00
12:00

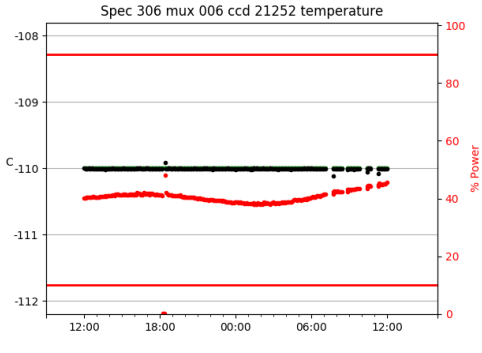

Spec 504 mux 005 Cryo
C
-185
-186
-187
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

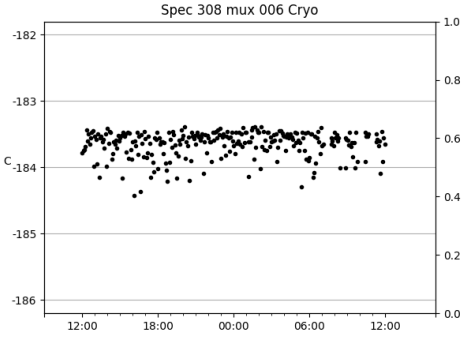

Spec 504 mux 005 ccd 27726 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

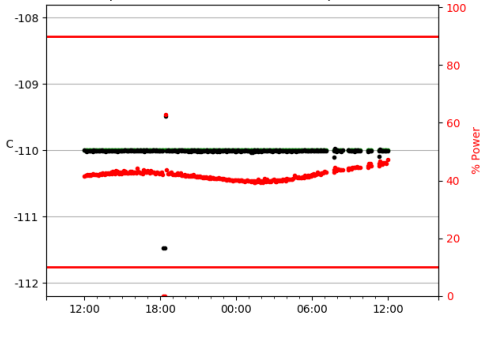

Spec 504 mux 005 ccd 27725 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

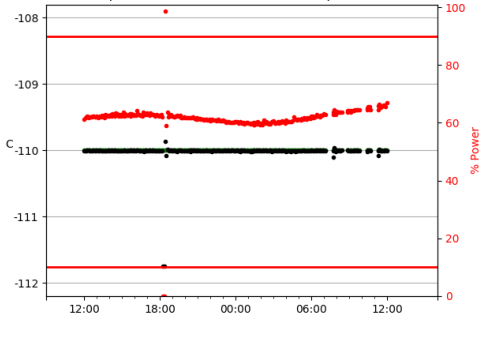

Spec 306 mux 006 Cryo
C
-180
-181
-182
-183
-184
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

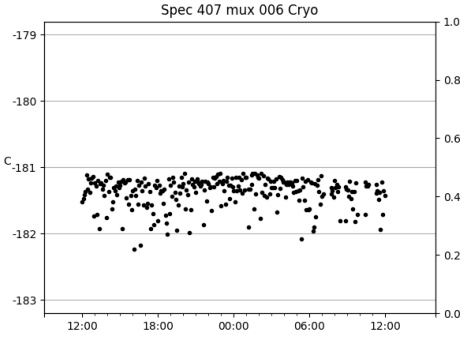

Spec 306 mux 006 ccd 21248 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

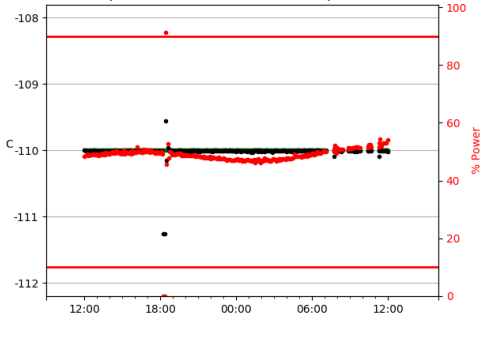

Spec 306 mux 006 ccd 21252 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

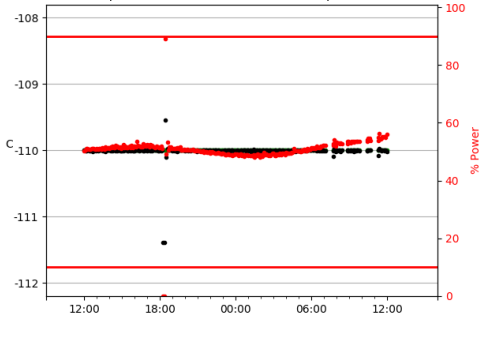

Spec 308 mux 006 Cryo
C
-182
-183
-184
-185
-186
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

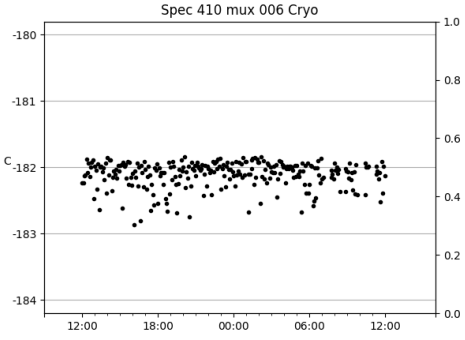

Spec 308 mux 006 ccd 21129 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

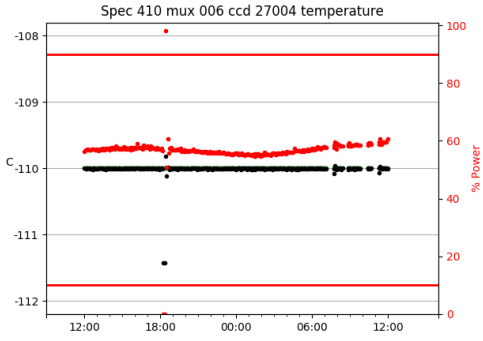

Spec 308 mux 006 ccd 21229 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 407 mux 006 Cryo
C
-179
-180
-181
-182
-183
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 407 mux 006 ccd 26902 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 407 mux 006 ccd 26954 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 410 mux 006 Cryo
C
-180
-181
-182
-183
-184
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 410 mux 006 ccd 27004 temperature
C
% Power
-108
-109
-110
-111
-112
100
80
60
40
20
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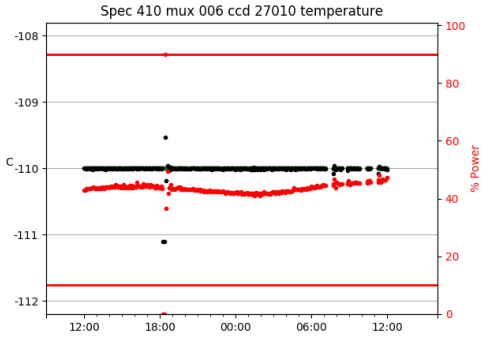
12:00
18:00
00:00
06:00
12:00


Spec 410 mux 006 ccd 27010 temperature
C
% Power
-108
-109
-110
-111
-112
100
80
60
40
20
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12:00
18:00
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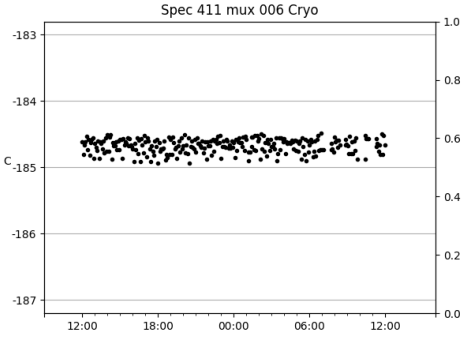
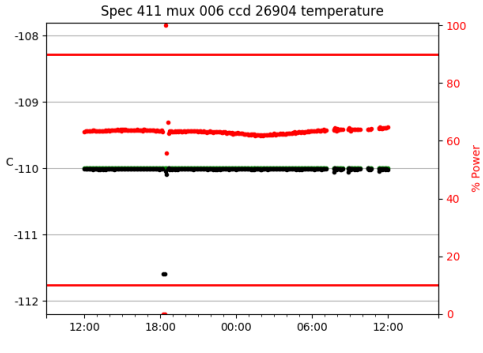
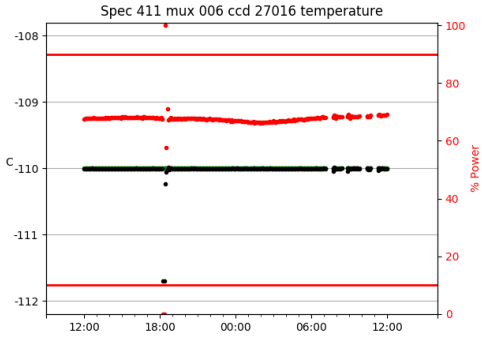
06:00
12:00


Spec 411 mux 006 Cryo
C
-183
-184
-185
-186
-187
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 411 mux 006 ccd 26904 temperature
C
% Power
-108
-109
-110
-111
-112
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 411 mux 006 ccd 27016 temperature
C
% Power
-108
-109
-110
-111
-112
100
80
60
40
20
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12:00
18:00
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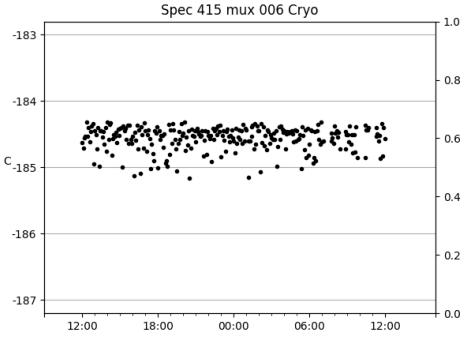
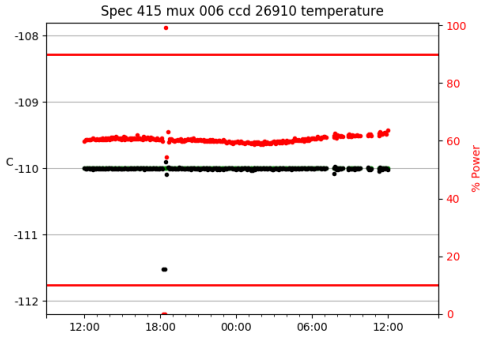
06:00
12:00


Spec 415 mux 006 Cryo
C
-183
-184
-185
-186
-187
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 415 mux 006 ccd 26910 temperature
C
% Power
-108
-109
-110
-111
-112
100
80
60
40
20
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12:00
18:00
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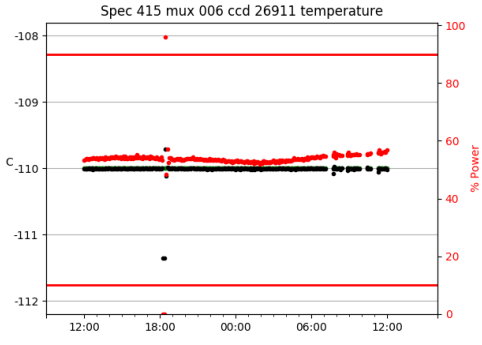
06:00
12:00


Spec 415 mux 006 ccd 26911 temperature
C
% Power
-108
-109
-110
-111
-112
100
80
60
40
20
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12:00
18:00
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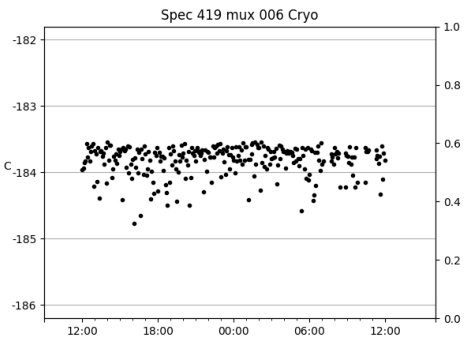
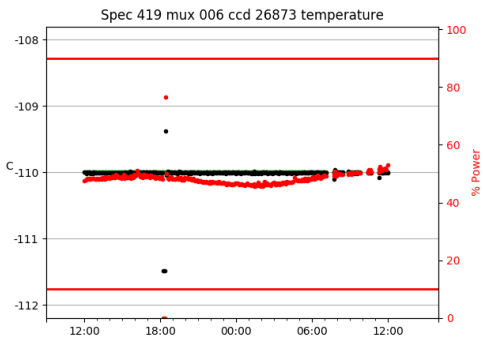
06:00
12:00


Spec 419 mux 006 Cryo
C
-182
-183
-184
-185
-186
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 419 mux 006 ccd 26873 temperature
C
% Power
-108
-109
-110
-111
-112
100
80
60
40
20
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12:00
18:00
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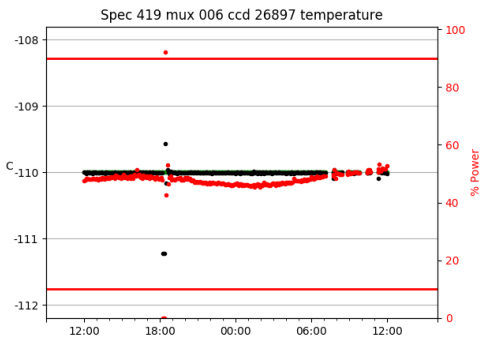
06:00
12:00


Spec 419 mux 006 ccd 26897 temperature
C
% Power
-108
-109
-110
-111
-112
100
80
60
40
20
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12:00
18:00
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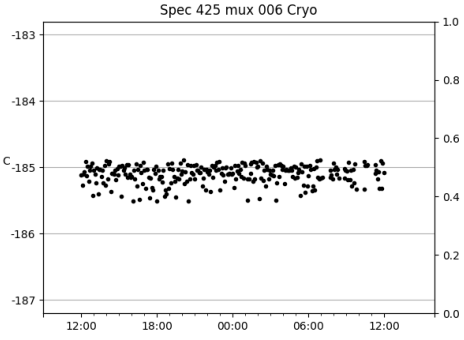
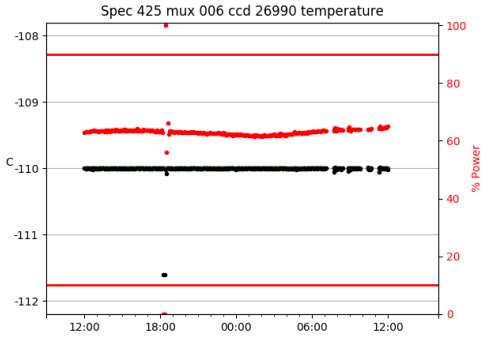
06:00
12:00


Spec 425 mux 006 Cryo
C
-183
-184
-185
-186
-187
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 425 mux 006 ccd 26990 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
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12:00
18:00
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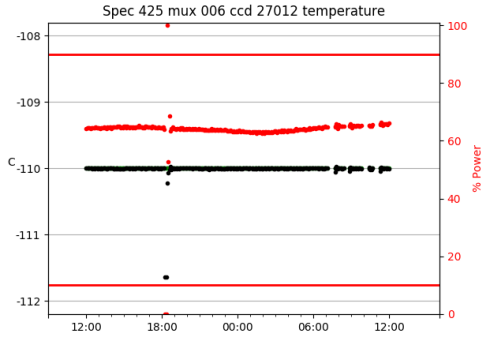
06:00
12:00


Spec 425 mux 006 ccd 27012 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
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12:00
18:00
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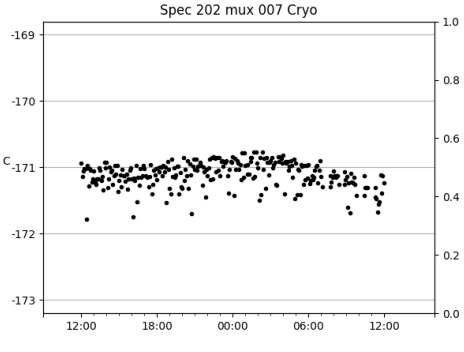
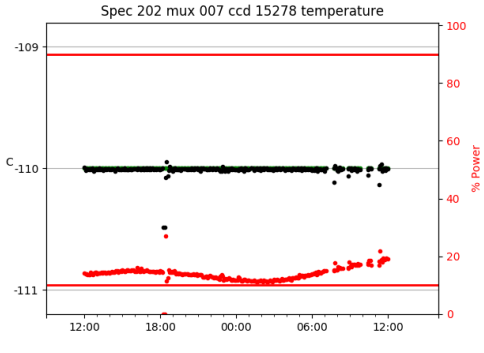
06:00
12:00


Spec 202 mux 007 Cryo
C
-169
-170
-171
-172
-173
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 202 mux 007 ccd 15278 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
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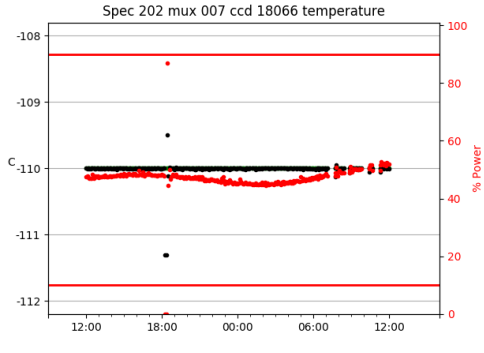
06:00
12:00


Spec 202 mux 007 ccd 18066 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
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12:00
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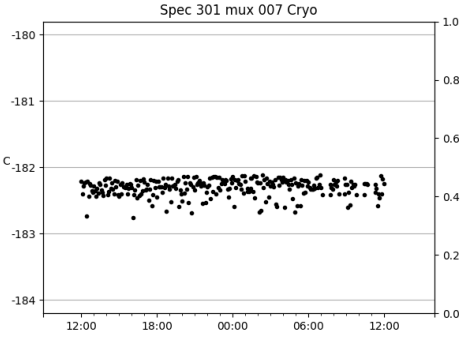
06:00
12:00


Spec 301 mux 007 Cryo
C
-180
-181
-182
-183
-184
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
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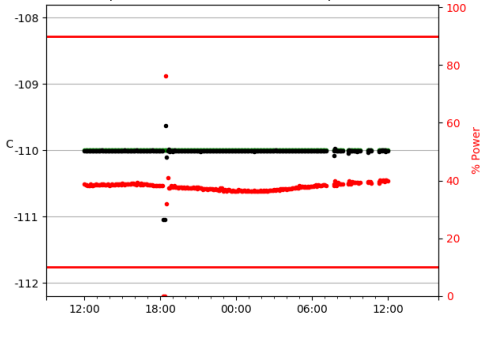
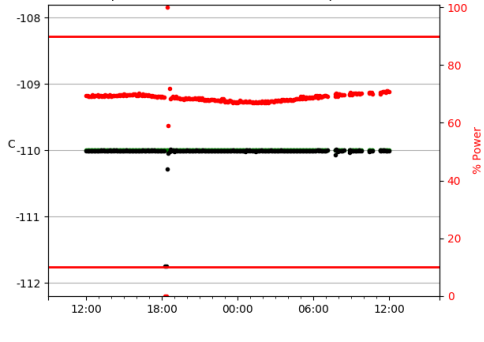
06:00
12:00


Spec 301 mux 007 ccd 21123 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 301 mux 007 ccd 21185 temperature
C
-108
-109
-110
-111
-112
% Power
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60
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20
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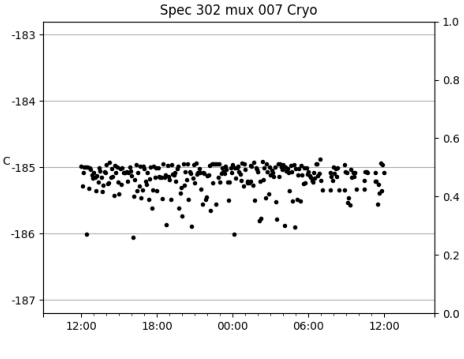
Spec 302 mux 007 Cryo
C
-183
-184
-185
-186
-187
1.0
0.8
0.6
0.4
0.2
0.0
12:00
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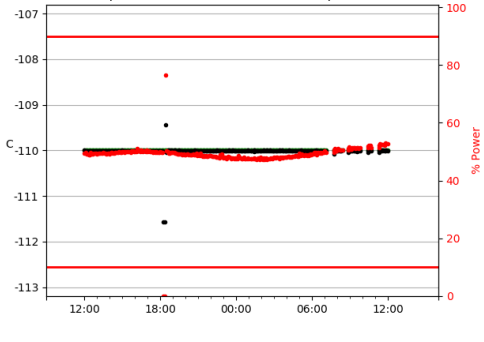
Spec 302 mux 007 ccd 21102 temperature
C
-107
-108
-109
-110
-111
-112
-113
% Power
100
80
60
40
20
0
12:00
18:00
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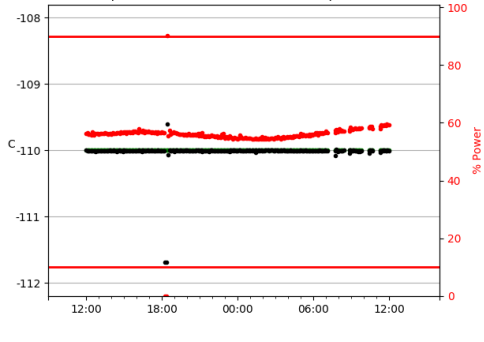
Spec 302 mux 007 ccd 21264 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
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20
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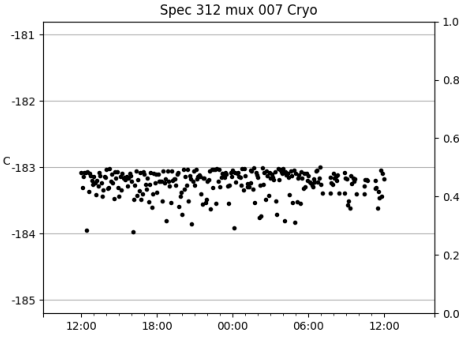
Spec 312 mux 007 Cryo
C
-181
-182
-183
-184
-185
1.0
0.8
0.6
0.4
0.2
0.0
12:00
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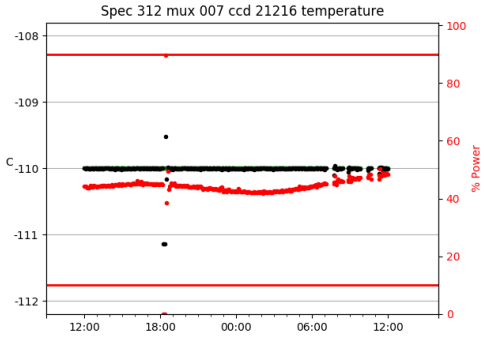
Spec 312 mux 007 ccd 21216 temperature
C
% Power
-108
-109
-110
-111
-112
100
80
60
40
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06:00
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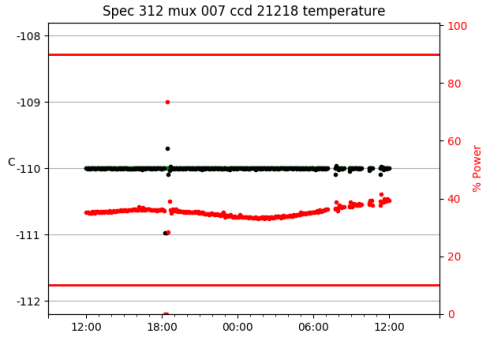
Spec 312 mux 007 ccd 21218 temperature
C
% Power
-108
-109
-110
-111
-112
100
80
60
40
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12:00
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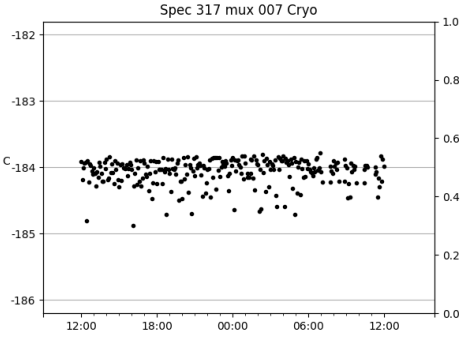
06:00
12:00


Spec 317 mux 007 Cryo
C
-182
-183
-184
-185
-186
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
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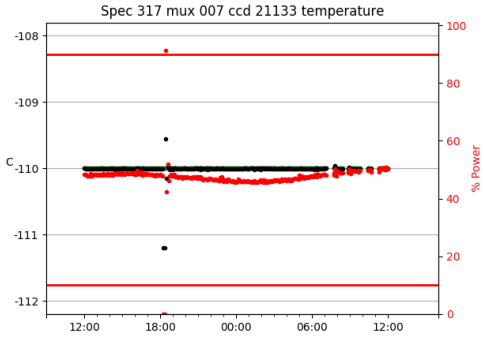
06:00
12:00


Spec 317 mux 007 ccd 21133 temperature
C
% Power
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-109
-110
-111
-112
100
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60
40
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12:00
18:00
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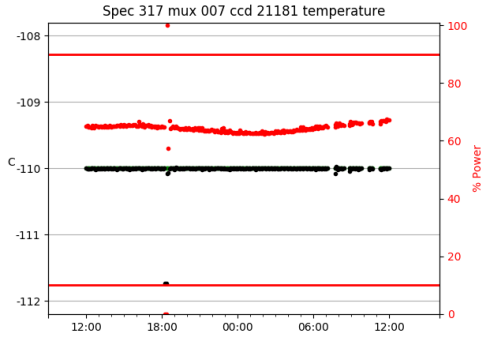
06:00
12:00


Spec 317 mux 007 ccd 21181 temperature
C
% Power
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-109
-110
-111
-112
100
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60
40
20
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12:00
18:00
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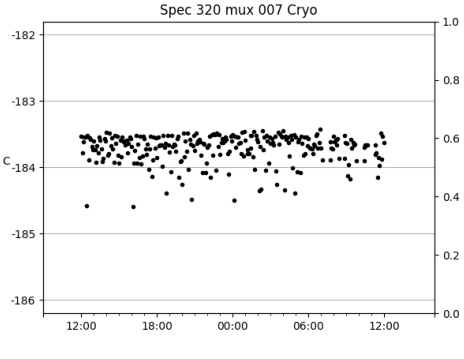
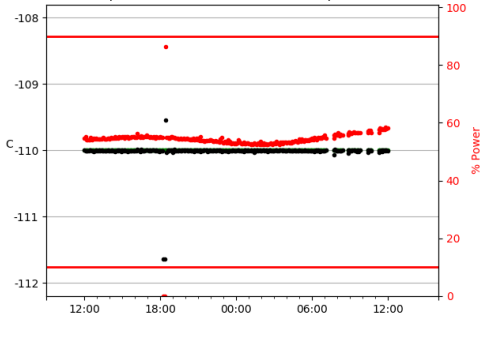
06:00
12:00


Spec 320 mux 007 Cryo
C
-182
-183
-184
-185
-186
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 320 mux 007 ccd 21172 temperature
C
% Power
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-109
-110
-111
-112
100
80
60
40
20
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12:00
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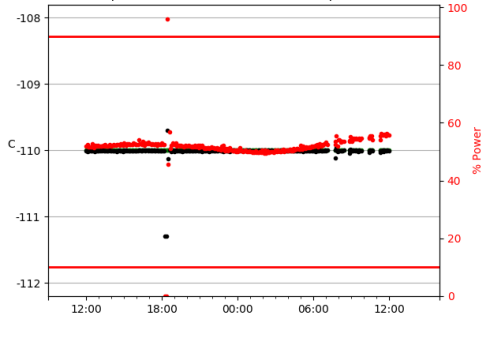
06:00
12:00


Spec 320 mux 007 ccd 21262 temperature
C
% Power
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-109
-110
-111
-112
100
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60
40
20
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12:00
18:00
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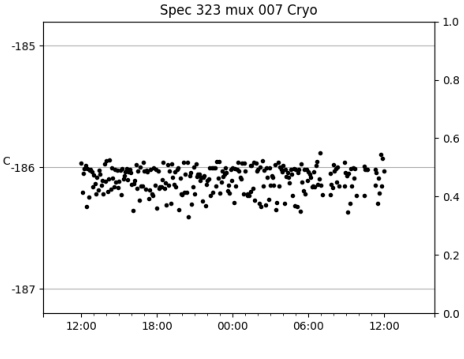
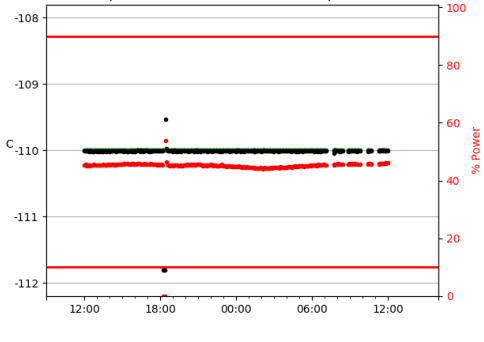
06:00
12:00


Spec 323 mux 007 Cryo
C
-185
-186
-187
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 323 mux 007 ccd 21153 temperature
C
% Power
-108
-109
-110
-111
-112
100
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60
40
20
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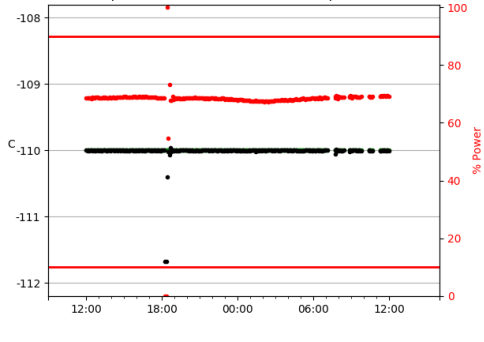
12:00
18:00
00:00
06:00
12:00


Spec 323 mux 007 ccd 21190 temperature
C
% Power
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-109
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-111
-112
100
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18:00
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06:00
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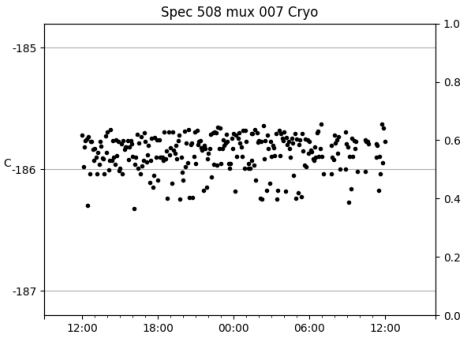
Spec 508 mux 007 Cryo
C
-185
-186
-187
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
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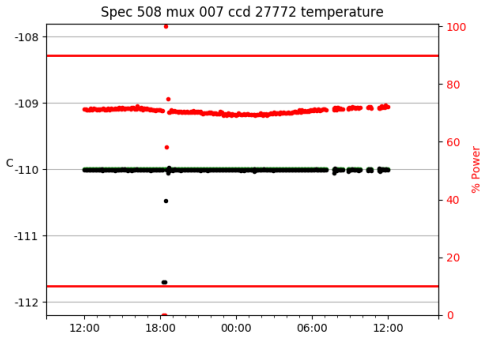
06:00
12:00


Spec 508 mux 007 ccd 27772 temperature
C
-108
-109
-110
-111
-112
% Power
100
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60
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20
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18:00
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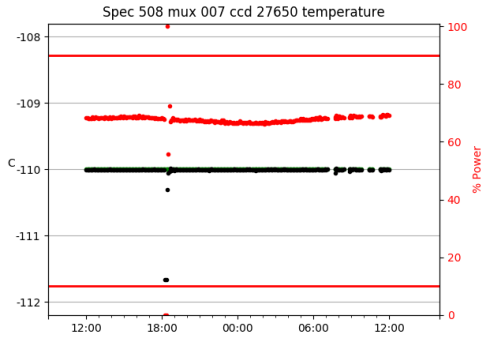
12:00


Spec 508 mux 007 ccd 27650 temperature
C
-108
-109
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-111
-112
% Power
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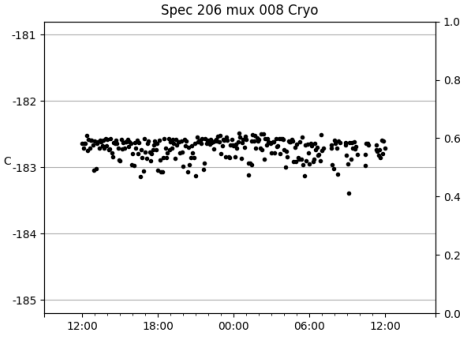
12:00


Spec 206 mux 008 Cryo
C
-181
-182
-183
-184
-185
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
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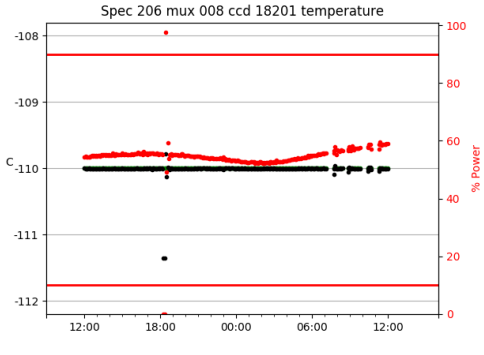
06:00
12:00


Spec 206 mux 008 ccd 18201 temperature
C
-108
-109
-110
-111
-112
% Power
100
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60
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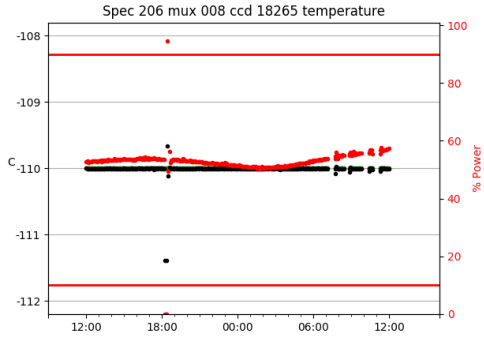
06:00
12:00


Spec 206 mux 008 ccd 18265 temperature
C
-108
-109
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-111
-112
% Power
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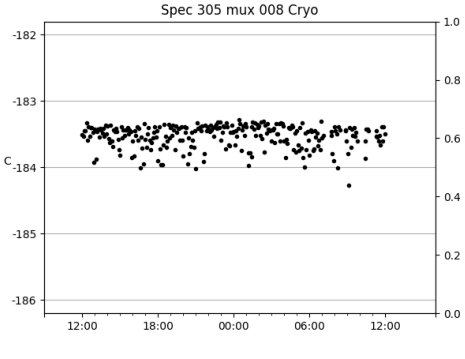
Spec 305 mux 008 Cryo
C
-182
-183
-184
-185
-186
1.0
0.8
0.6
0.4
0.2
0.0
12:00
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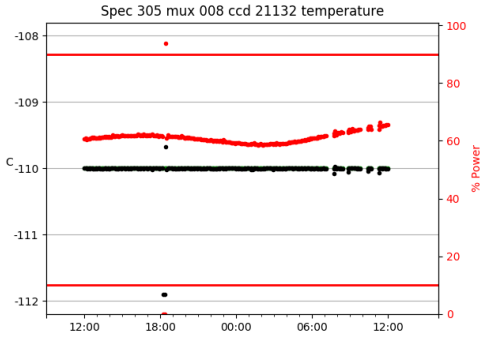
Spec 305 mux 008 ccd 21132 temperature
C
-108
-109
-110
-111
-112
% Power
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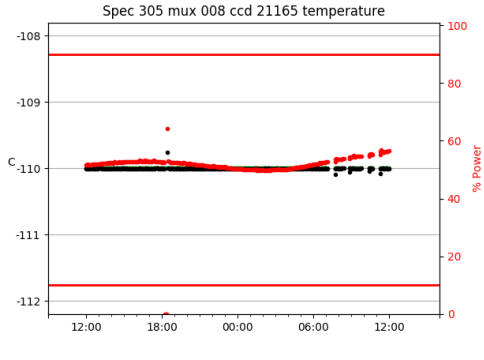
Spec 305 mux 008 ccd 21165 temperature
C
-108
-109
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-111
-112
% Power
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60
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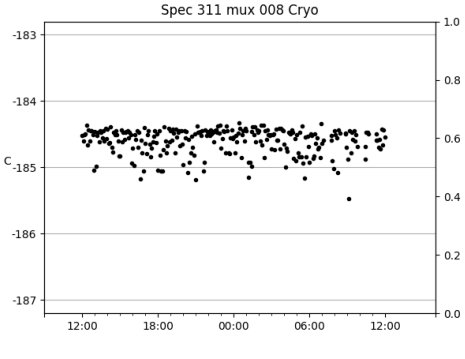
12:00


Spec 311 mux 008 Cryo
C
-183
-184
-185
-186
-187
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
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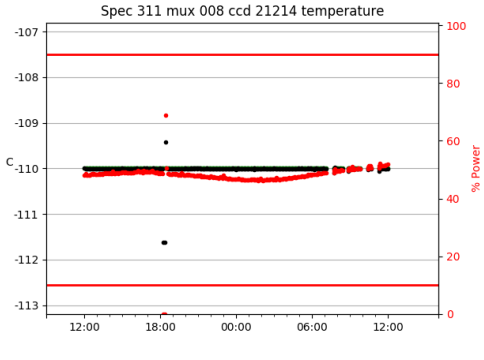
06:00
12:00


Spec 311 mux 008 ccd 21214 temperature
C
-107
-108
-109
-110
-111
-112
-113
% Power
100
80
60
40
20
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12:00
18:00
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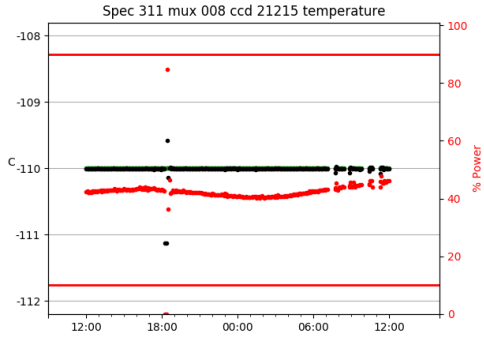
06:00
12:00


Spec 311 mux 008 ccd 21215 temperature
C
-108
-109
-110
-111
-112
% Power
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60
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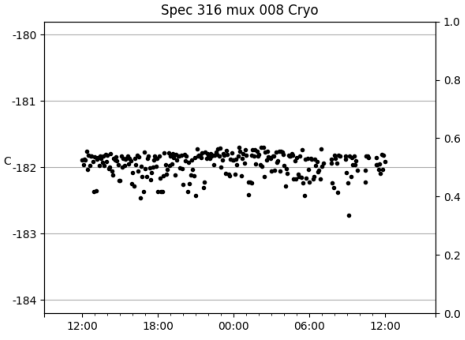
Spec 316 mux 008 Cryo
C
-180
-181
-182
-183
-184
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0.8
0.6
0.4
0.2
0.0
12:00
18:00
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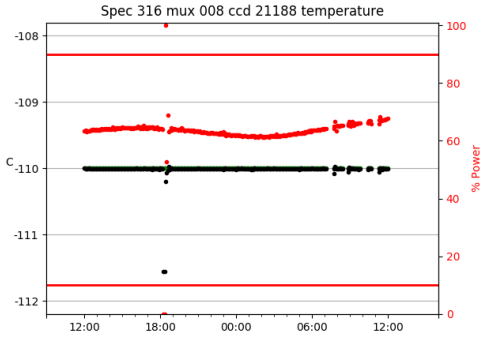
Spec 316 mux 008 ccd 21188 temperature
C
-108
-109
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-111
-112
% Power
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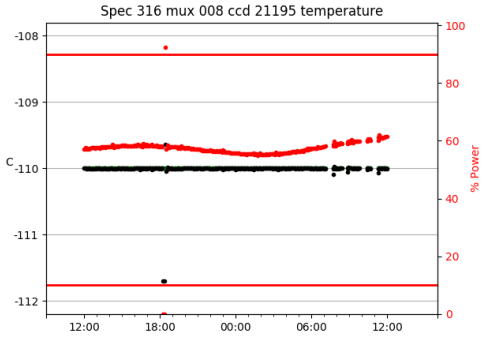
Spec 316 mux 008 ccd 21195 temperature
C
-108
-109
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-111
-112
% Power
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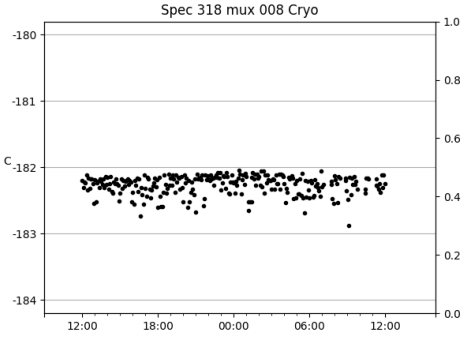
Spec 318 mux 008 Cryo
C
-180
-181
-182
-183
-184
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0.8
0.6
0.4
0.2
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12:00
18:00
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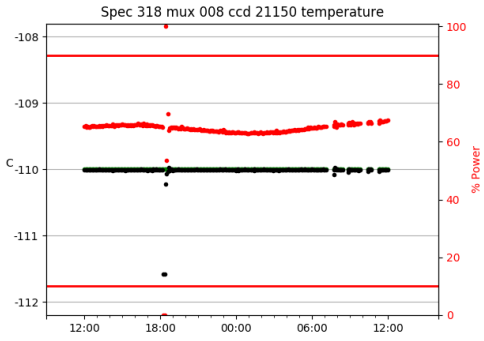
Spec 318 mux 008 ccd 21150 temperature
C
-108
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-112
% Power
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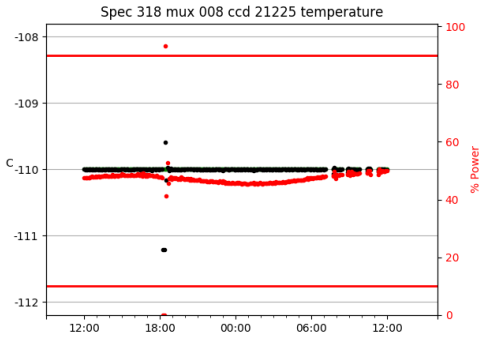
Spec 318 mux 008 ccd 21225 temperature
C
-108
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-111
-112
% Power
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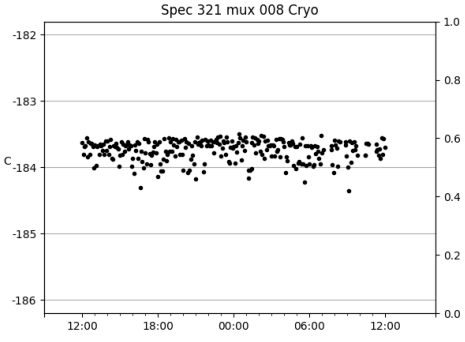
Spec 321 mux 008 Cryo
C
-182
-183
-184
-185
-186
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0.8
0.6
0.4
0.2
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12:00
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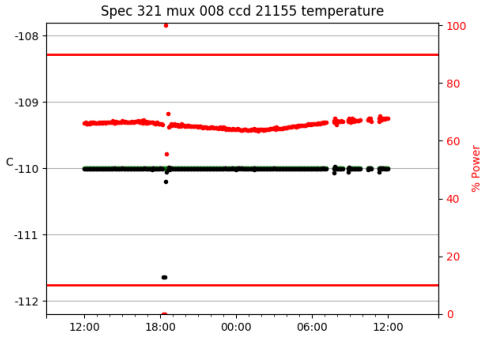
Spec 321 mux 008 ccd 21155 temperature
C
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-109
-110
-111
-112
% Power
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18:00
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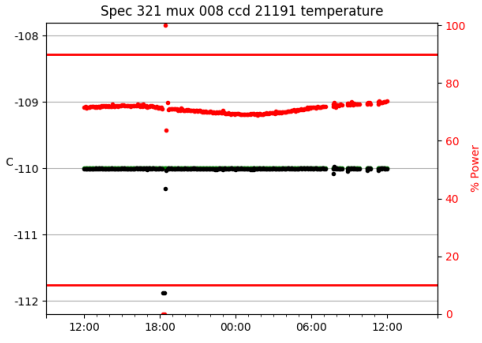
06:00
12:00


Spec 321 mux 008 ccd 21191 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
0
12:00
18:00
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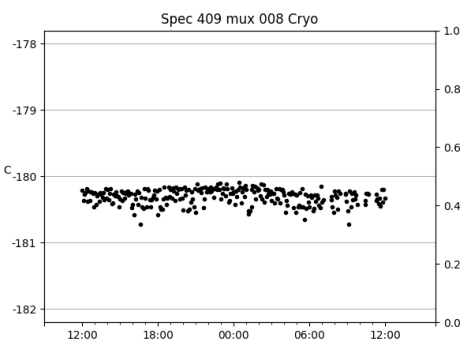
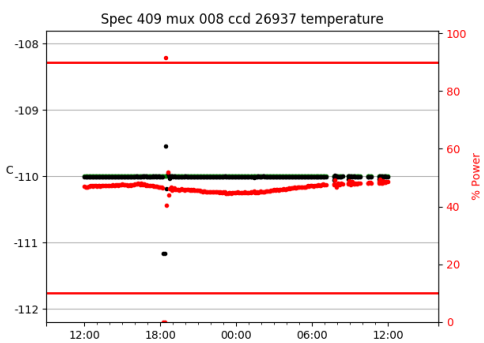
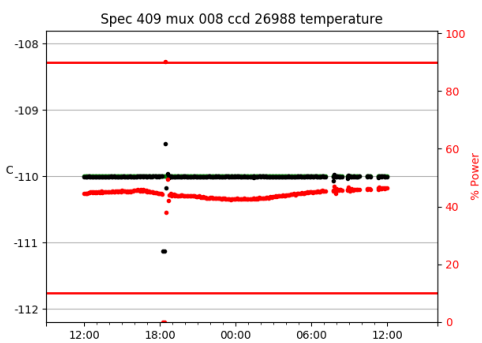
06:00
12:00


Spec 409 mux 008 Cryo
C
-178
-179
-180
-181
-182
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 409 mux 008 ccd 26937 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 409 mux 008 ccd 26988 temperature
C
-108
-109
-110
-111
-112
% Power
100
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60
40
20
0
12:00
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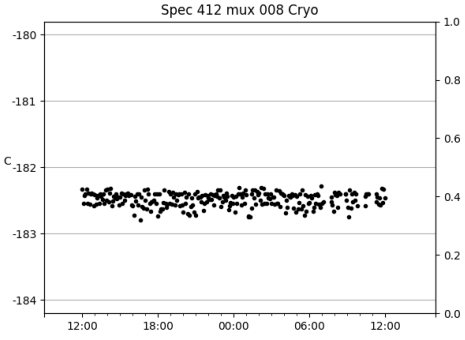
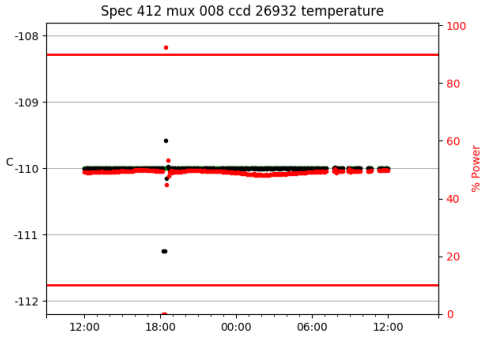
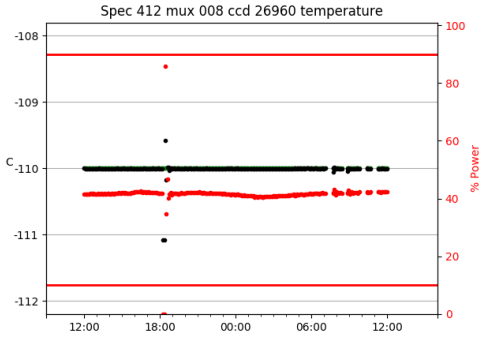
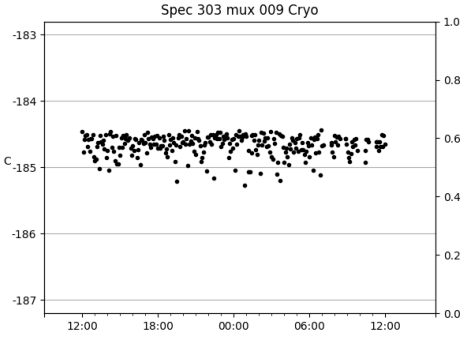
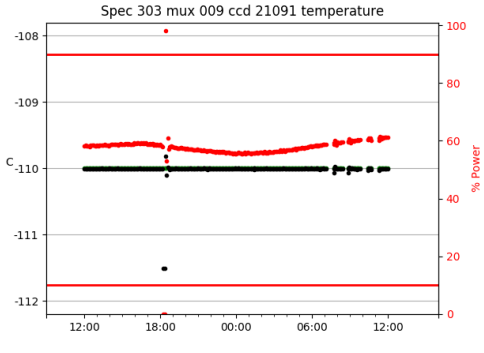
06:00
12:00

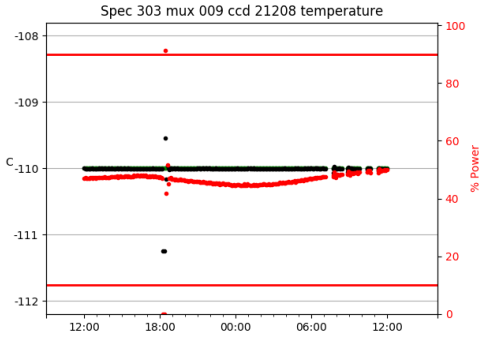

Spec 412 mux 008 Cryo
C
-180
-181
-182
-183
-184
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 412 mux 008 ccd 26932 temperature
C
% Power
-108
-109
-110
-111
-112
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 412 mux 008 ccd 26960 temperature
C
% Power
-108
-109
-110
-111
-112
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 303 mux 009 Cryo
C
-183
-184
-185
-186
-187
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 303 mux 009 ccd 21091 temperature
C
% Power
-108
-109
-110
-111
-112
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 303 mux 009 ccd 21208 temperature
C
% Power
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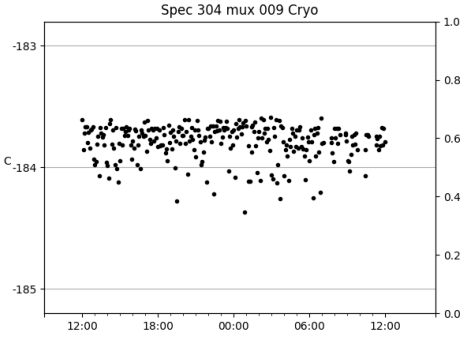
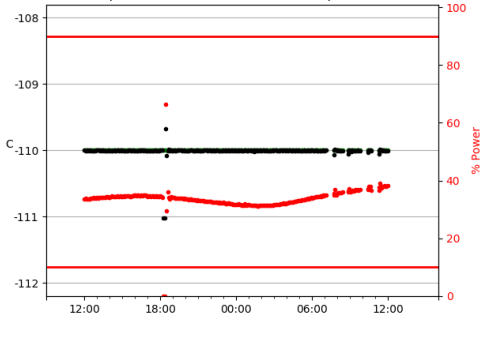
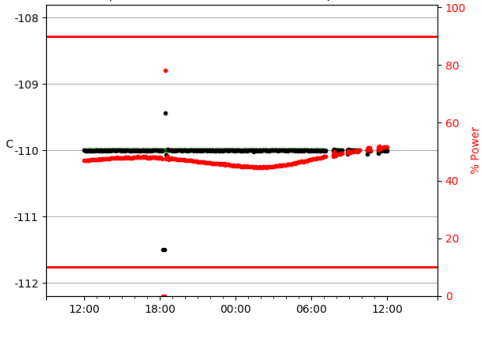
-109
-110
-111
-112
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 304 mux 009 Cryo
C
-183
-184
-185
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 304 mux 009 ccd 21120 temperature
C
% Power
-108
-109
-110
-111
-112
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 304 mux 009 ccd 21126 temperature
C
% Power
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-109
-110
-111
-112
100
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60
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20
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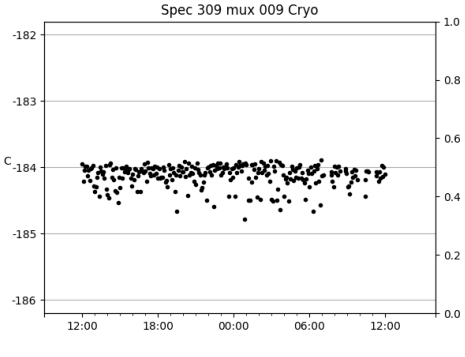
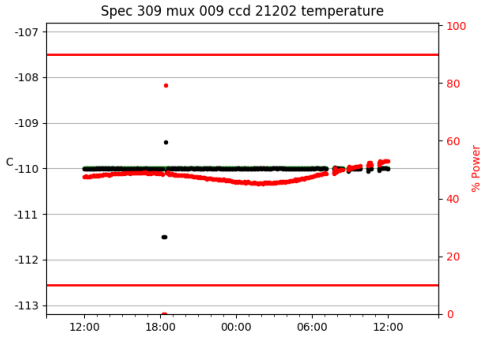
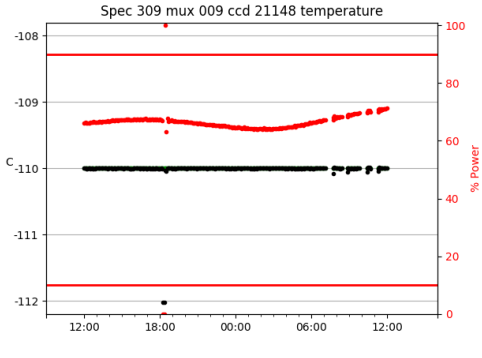
12:00
18:00
00:00
06:00
12:00


Spec 309 mux 009 Cryo
C
-182
-183
-184
-185
-186
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 309 mux 009 ccd 21202 temperature
C
% Power
-107
-108
-109
-110
-111
-112
-113
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 309 mux 009 ccd 21148 temperature
C
% Power
-108
-109
-110
-111
-112
100
80
60
40
20
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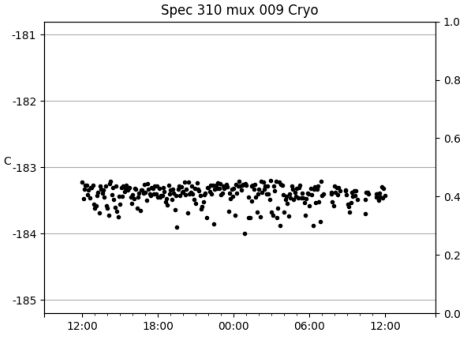
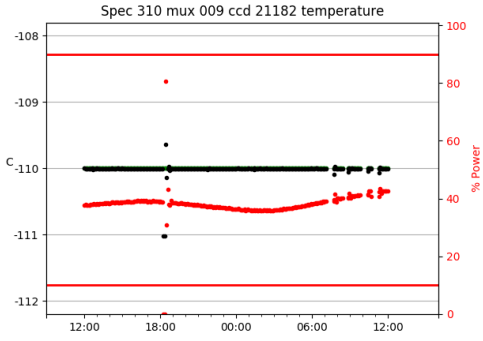
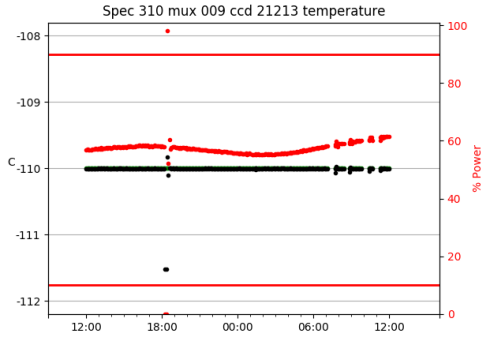
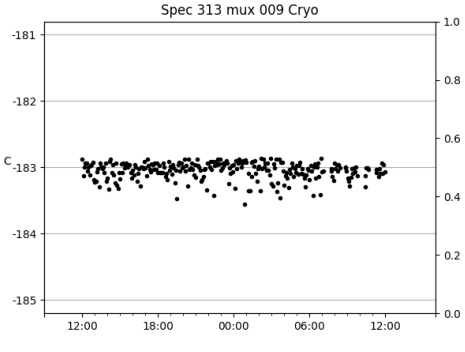
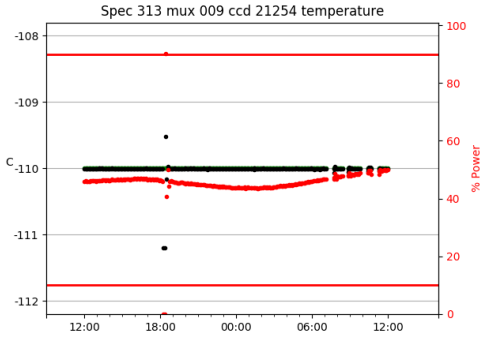
12:00
18:00
00:00
06:00
12:00

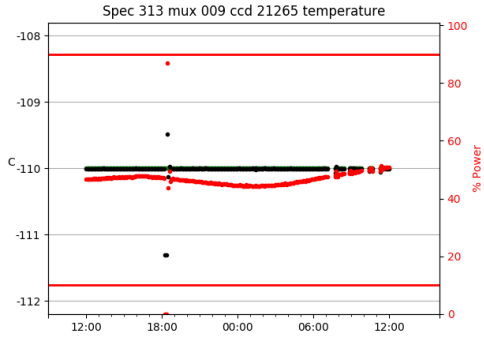

Spec 310 mux 009 Cryo
C
-181
-182
-183
-184
-185
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 310 mux 009 ccd 21182 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 310 mux 009 ccd 21213 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 313 mux 009 Cryo
C
-181
-182
-183
-184
-185
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 313 mux 009 ccd 21254 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 313 mux 009 ccd 21265 temperature
C
-108
-109
-110
-111
-112
% Power
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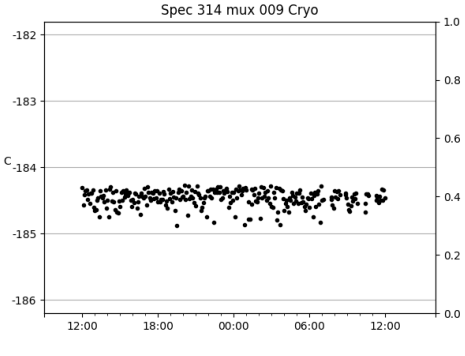
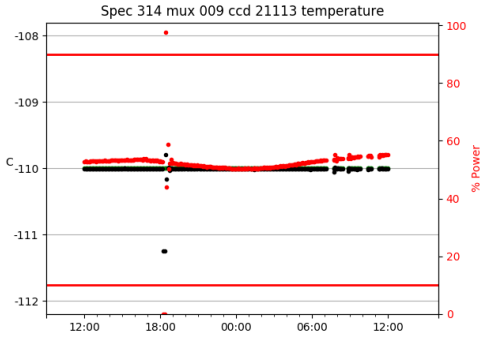
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 314 mux 009 Cryo
C
-182
-183
-184
-185
-186
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 314 mux 009 ccd 21113 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
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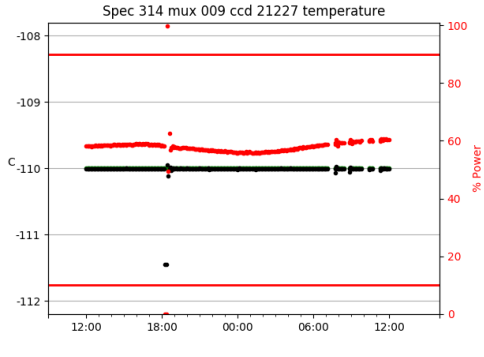
12:00
18:00
00:00
06:00
12:00


Spec 314 mux 009 ccd 21227 temperature
C
-108
-109
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-111
-112
% Power
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60
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20
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12:00
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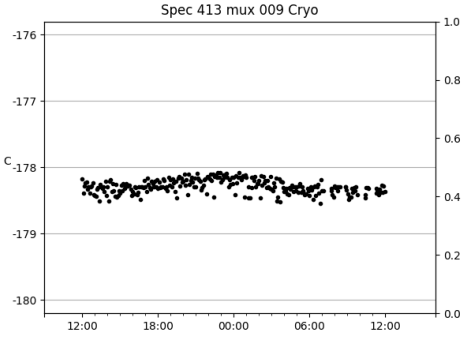
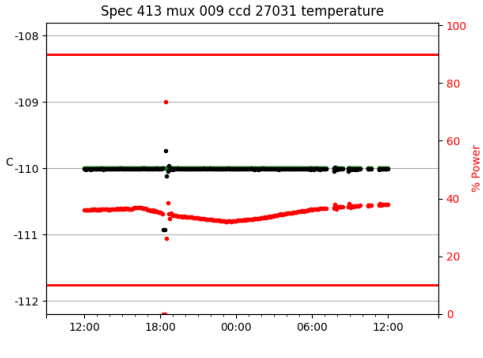
12:00


Spec 413 mux 009 Cryo
C
-176
-177
-178
-179
-180
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 413 mux 009 ccd 27031 temperature
C
-108
-109
-110
-111
-112
% Power
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60
40
20
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12:00
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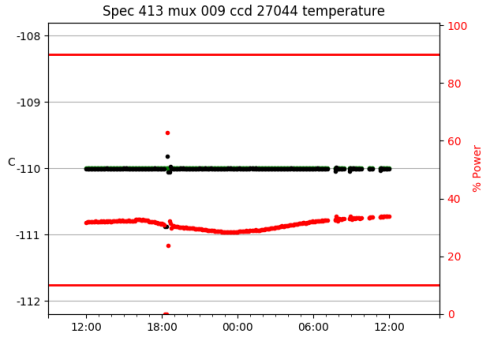
06:00
12:00


Spec 413 mux 009 ccd 27044 temperature
C
-108
-109
-110
-111
-112
% Power
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60
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20
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12:00
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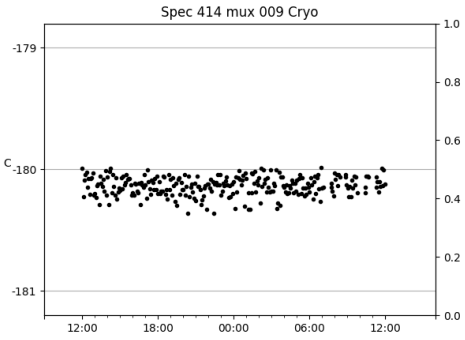
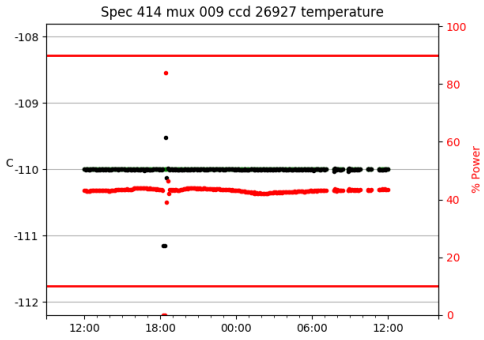
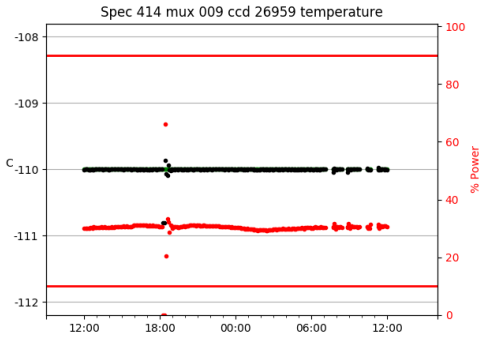
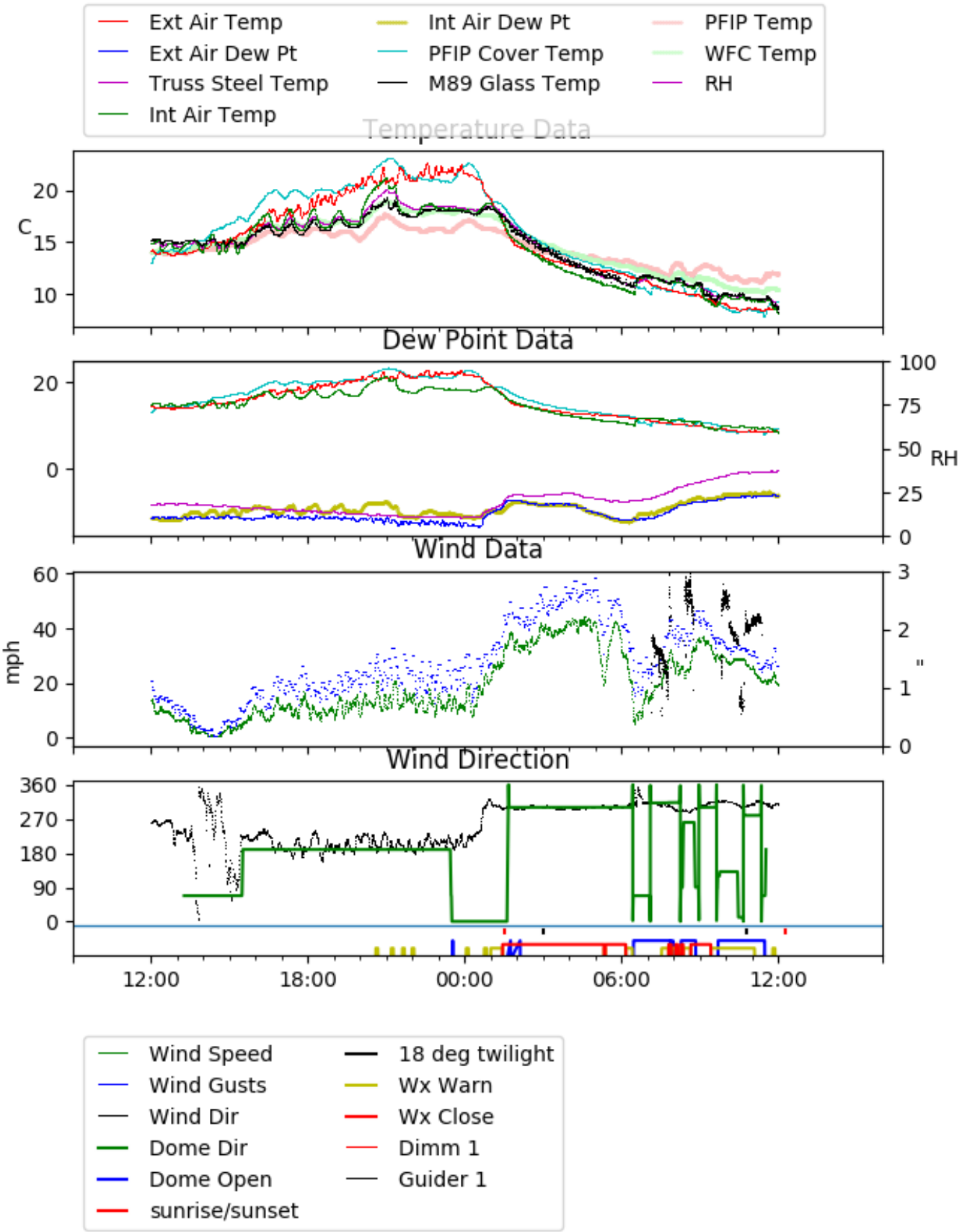
12:00


Spec 414 mux 009 Cryo
C
-179
-180
-181
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

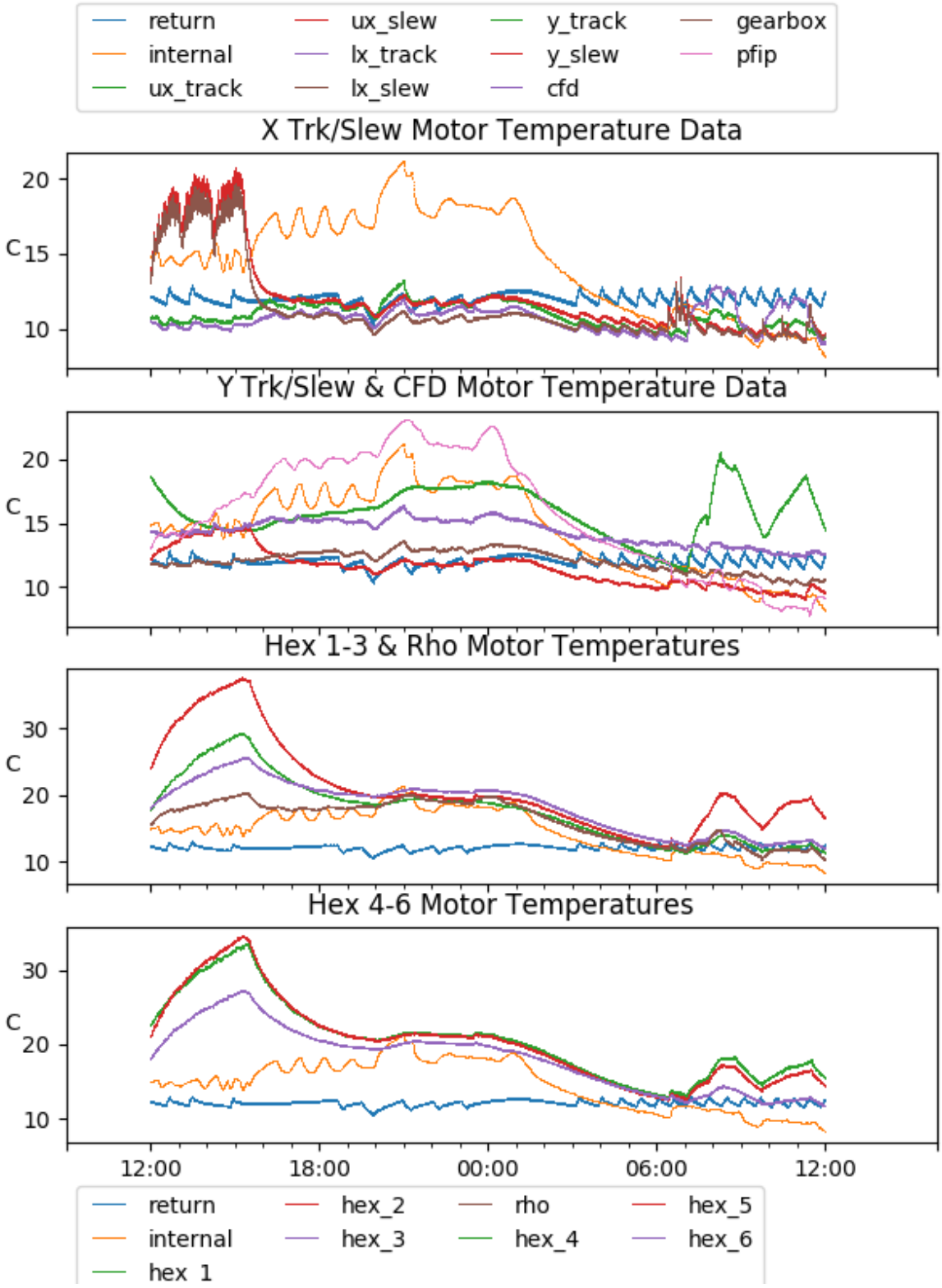

Spec 414 mux 009 ccd 26927 temperature
C
-108
-109
-110
-111
-112
100
80
60
40
20
0
% Power
12:00
18:00
00:00
06:00
12:00


Spec 414 mux 009 ccd 26959 temperature
C
-108
-109
-110
-111
-112
100
80
60
40
20
0
% Power
12:00
18:00
00:00
06:00
12:00

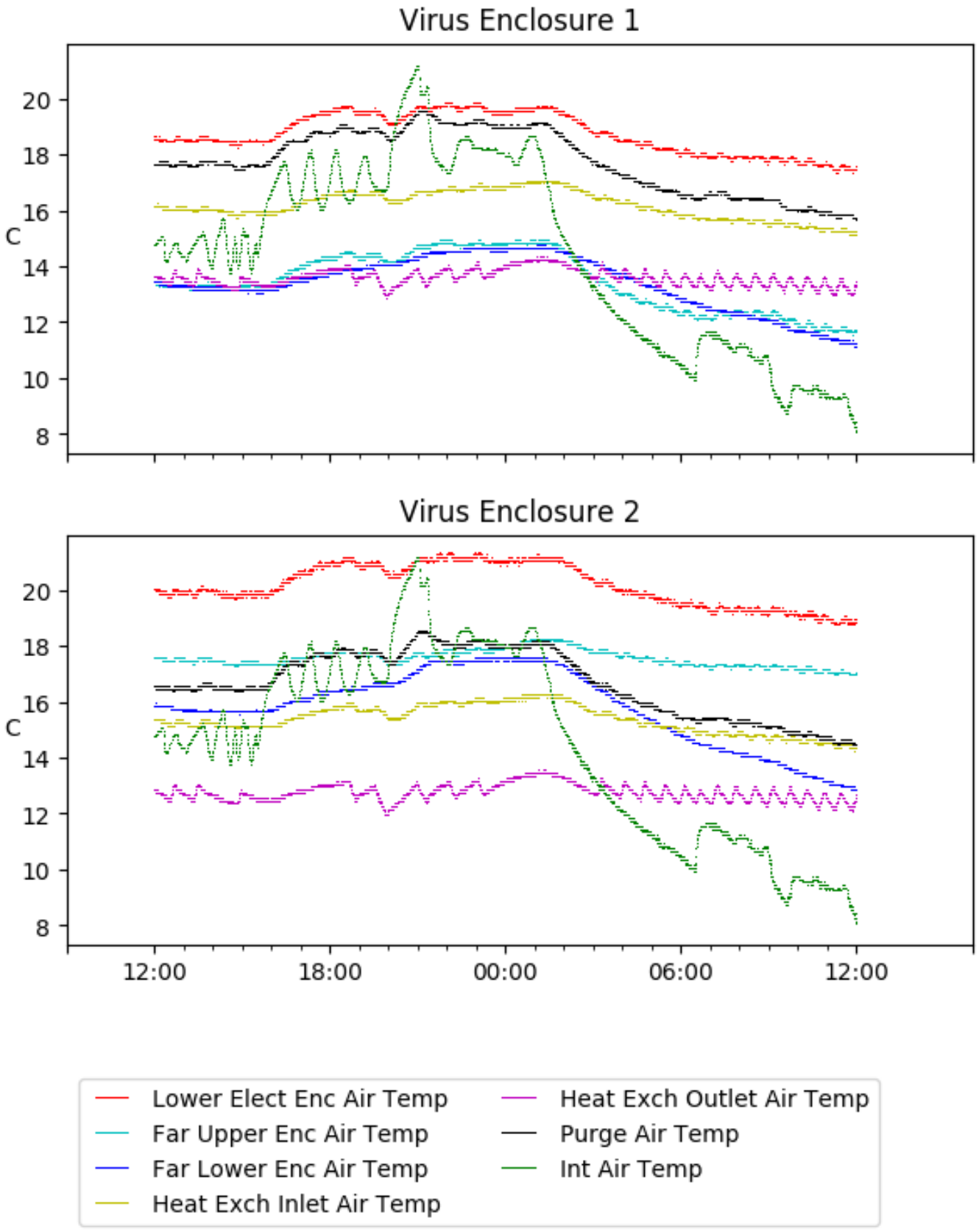
3 Weather


Ext Air Temp
Ext Air Dew Pt
Truss Steel Temp
Int Air Temp
Int Air Dew Pt
PFIP Cover Temp
M89 Glass Temp
PFIP Temp
WFC Temp
RH
Temperature Data
C
Dew Point Data
RH
Wind Data
mph
"
Wind Direction
12:00
18:00
00:00
06:00
12:00
Wind Speed
Wind Gusts
Wind Dir
Dome Dir
Dome Open
sunrise/sunset
18 deg twilight
Wx Warn
Wx Close
Dimm 1
Guider 1

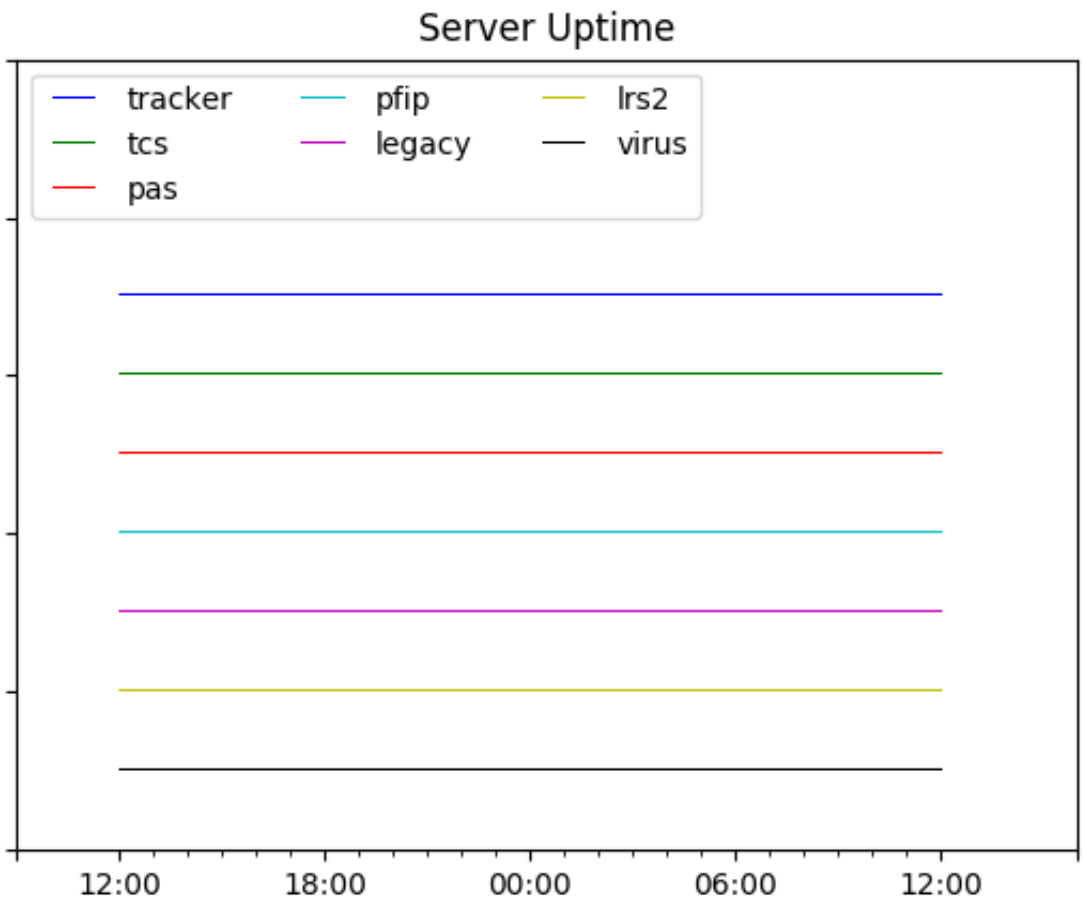
4 Tracker Engineering



5 Virus Enclosures



6 Server Up Time

Current server run times:

tracker uptime: 17:50:10 (hh:mm:ss)
tcs uptime: 17:51:22 (hh:mm:ss)
pas uptime: 17:52:18 (hh:mm:ss)
pfip uptime: 17:29:28 (hh:mm:ss)
legacy uptime: 17:55:15 (hh:mm:ss)
lrs2 uptime: 789:57:23 (hh:mm:ss)
virus uptime: 46:41:48 (hh:mm:ss)