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

2024-04-25 12:00:07 to 2024-04-26 12:00:01 UTC

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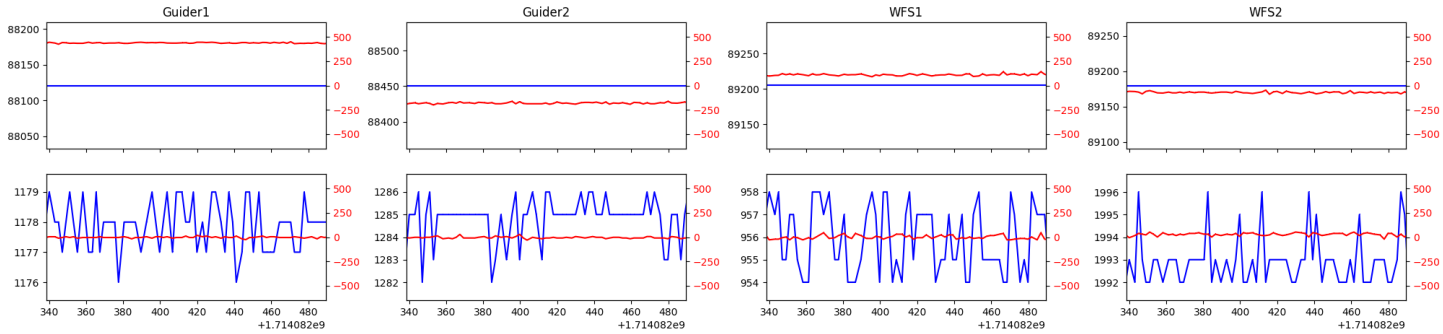
*This report has been automatically generated. Id: status_report.py 13712 2023-09-20 20:12:14Z jrf

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.

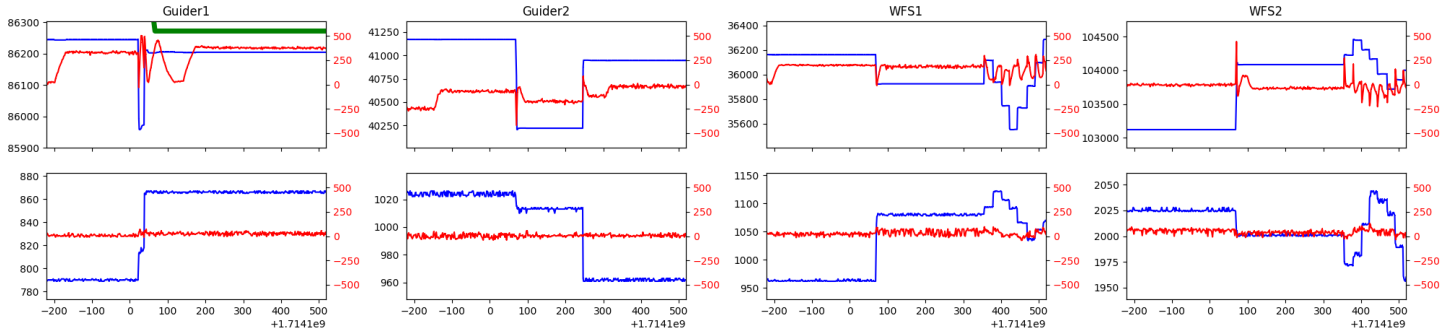
1.1 795

Trajectory 795 for desired Azimuth 0 was loaded at 21:57:58.76. The go_next command was sent at 21:58:00.018 and took 139.689 seconds to complete. The trajectory was cancelled at 22:01:29.55. The trajectory was stopped at 22:01:35.73 with the message "Reached end of track.".



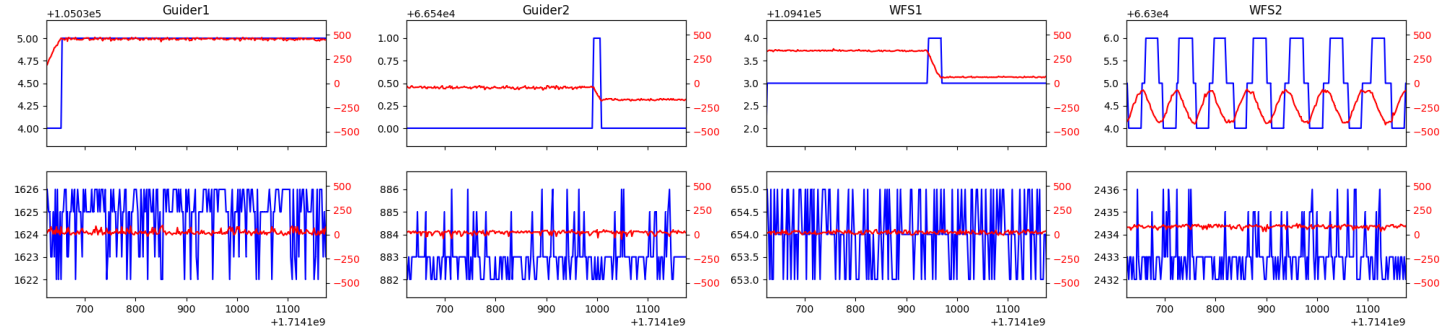
1.2 1000

Trajectory 1000 for desired Azimuth 324.788333 was loaded at 02:48:35.35. The go_next command was sent at 02:48:40.700 and took 128.901 seconds to complete. The setup took 243.62 seconds at an actual azimuth of 324.78901 The trajectory was cancelled at 03:01:58.57. The trajectory was stopped at 03:02:04.66 with the message "Reached end of track.".



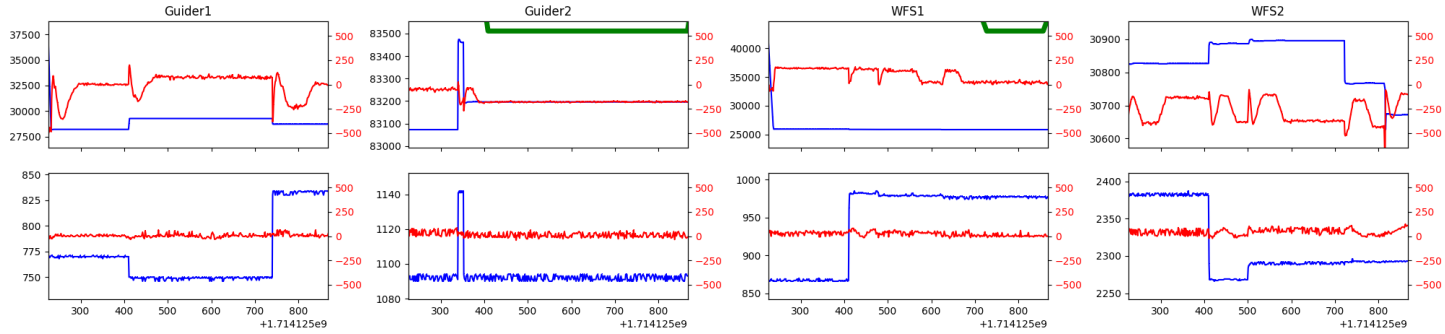
1.3 855

Trajectory 855 for desired Azimuth 263.425868 was loaded at 03:02:06.09. The go_next command was sent at 03:02:11.442 and took 98.500 seconds to complete. The trajectory was cancelled at 03:12:54.84. The trajectory was stopped at 03:13:01.05 with the message "Reached end of track.".



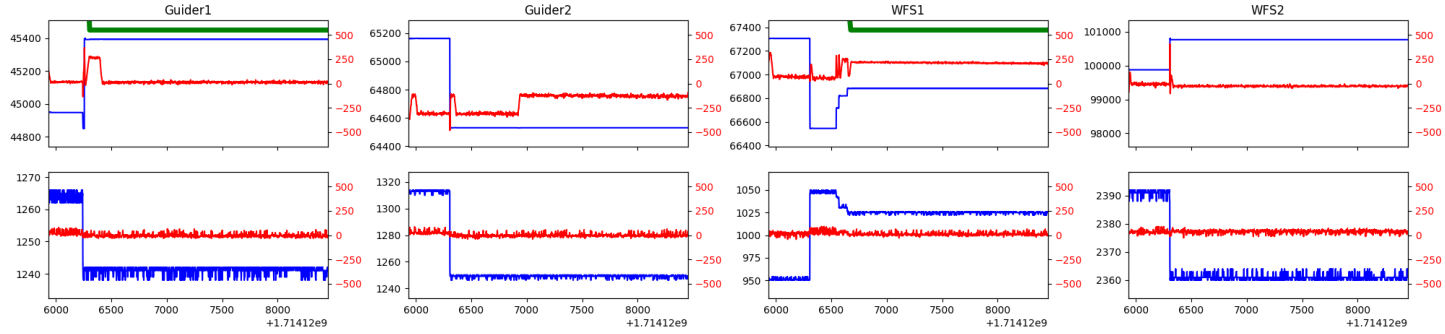
1.4 208

Trajectory 208 for desired Azimuth 80.545163 was loaded at 09:52:47.69. The go_next command was sent at 09:52:53.039 and took 80.368 seconds to complete. The setup took 179.73 seconds at an actual azimuth of 80.545852 The trajectory was cancelled at 10:04:27.62. The trajectory was stopped at 10:04:33.08 with the message "Reached end of track.".



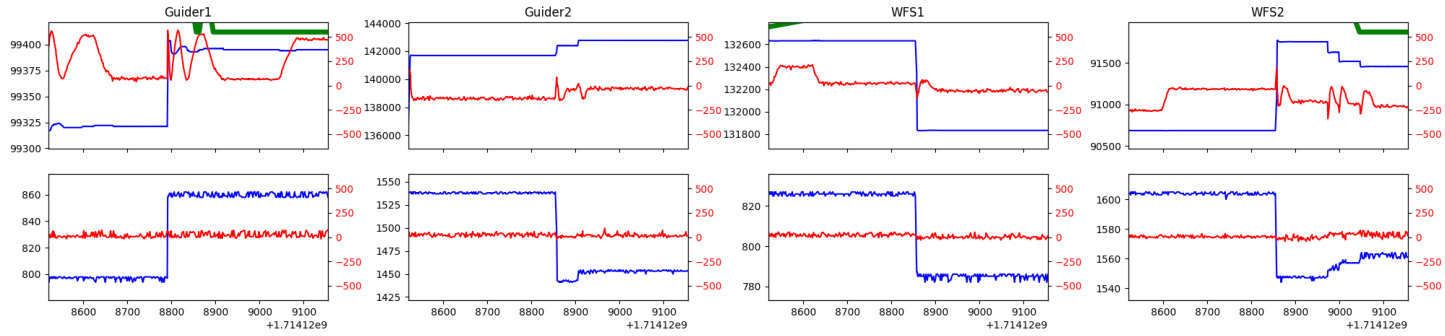
1.5 193

Trajectory 193 for desired Azimuth 29.413172 was loaded at 10:04:34.75. The go_next command was sent at 10:04:40.115 and took 91.482 seconds to complete. The setup took 377.29 seconds at an actual azimuth of 29.414327 The trajectory was cancelled at 10:47:32.99. The trajectory was stopped at 10:47:38.57 with the message "Reached end of track.".



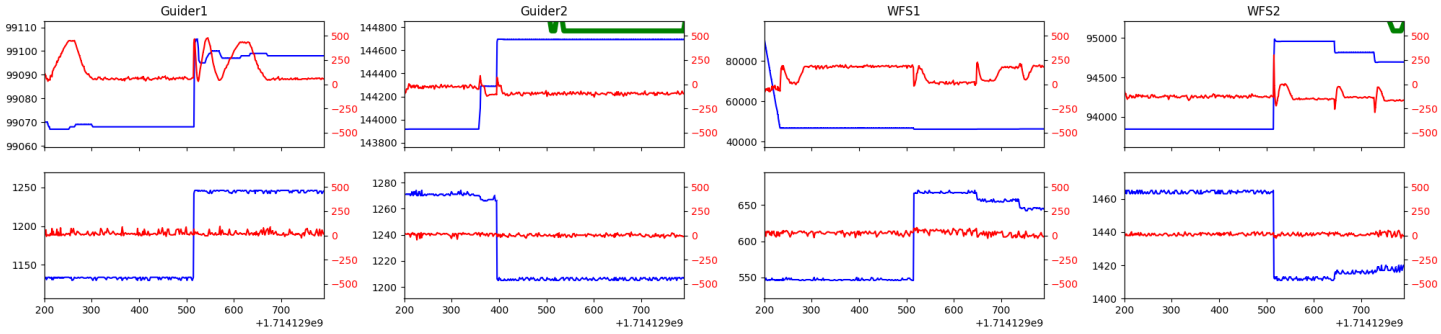
1.6 335

Trajectory 335 for desired Azimuth 64.903194 was loaded at 10:47:40.19. The go_next command was sent at 10:47:45.541 and took 80.492 seconds to complete. The setup took 350.02 seconds at an actual azimuth of 64.914407 The trajectory was cancelled at 10:59:15.15. The trajectory was stopped at 10:59:20.68 with the message "Reached end of track.".



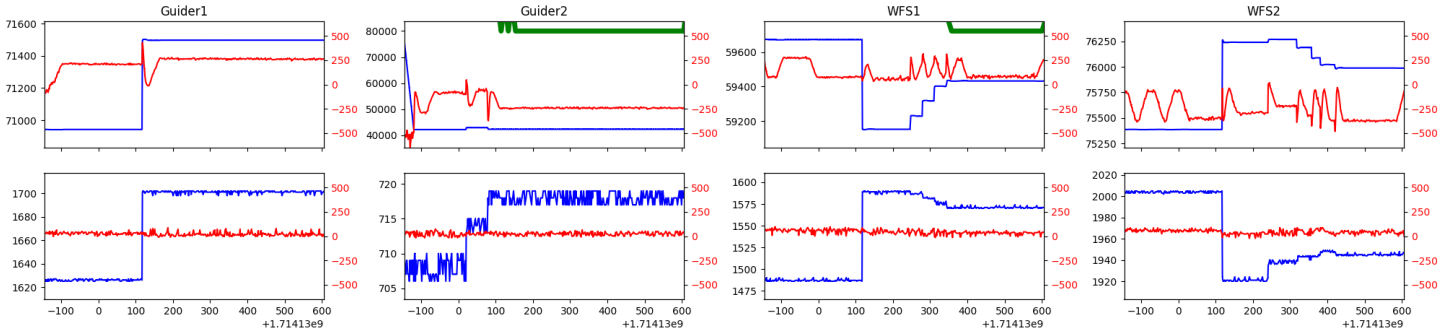
1.7 815

Trajectory 815 for desired Azimuth 64.889236 was loaded at 10:59:22.17. The go_next command was sent at 10:59:27.521 and took 71.570 seconds to complete. The setup took 328.22 seconds at an actual azimuth of 64.887018 The trajectory was cancelled at 11:09:49.86. The trajectory was stopped at 11:09:55.45 with the message "Reached end of track.".



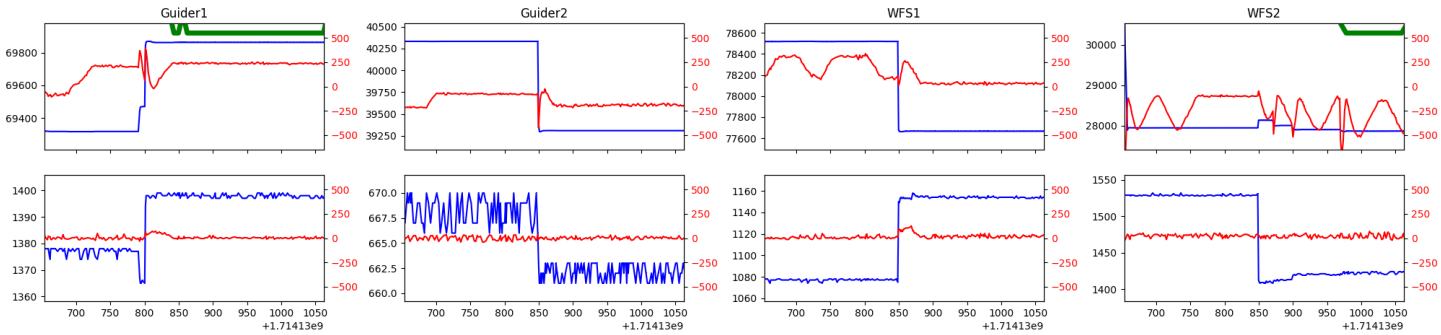
1.8 239

Trajectory 239 for desired Azimuth 47.616721 was loaded at 11:09:57.00. The go_next command was sent at 11:10:02.352 and took 85.404 seconds to complete. The setup took 264.71 seconds at an actual azimuth of 47.618006 The trajectory was cancelled at 11:23:25.50. The trajectory was stopped at 11:23:31.29 with the message "Reached end of track.".



1.9 182

Trajectory 182 for desired Azimuth 30.060529 was loaded at 11:23:33.03. The go_next command was sent at 11:23:38.381 and took 80.847 seconds to complete. The setup took 165.73 seconds at an actual azimuth of 30.061861 The trajectory was cancelled at 11:31:02.45. The trajectory was stopped at 11:31:08.14 with the message "Reached end of track.".



2 Spectrographs

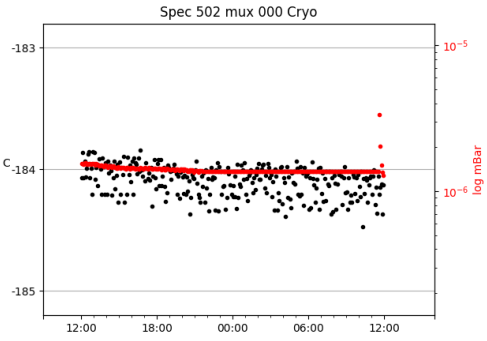
2.1 Legend

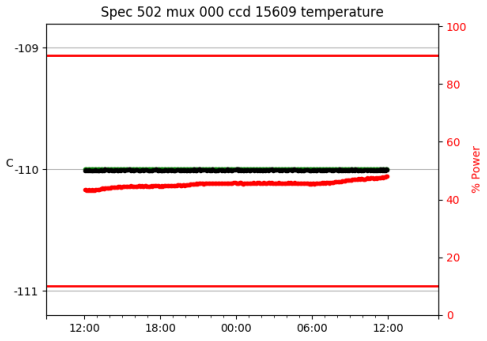
For the Spectrograph Cryo plots the Black point are the cryo temperature reading and the Red points are the cryo pressure in Torr on a log scale with the scale on the right hand vertical axis.

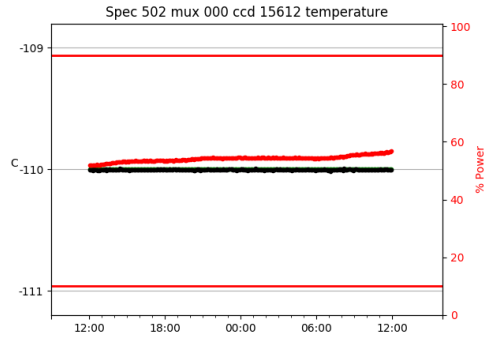
For all Spectrograph Temperature plots, the Black points are the ccd temperature reading, the Green points are the ccd set point, and the Red points are the percentage heater power with the scale on the right hand vertical axis. The two straight Red lines are the 5% and 95% power levels for the heater.

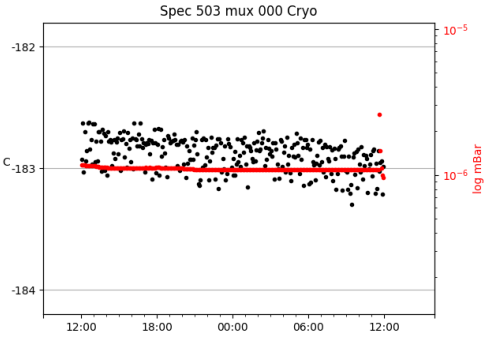
2.2 lrs2

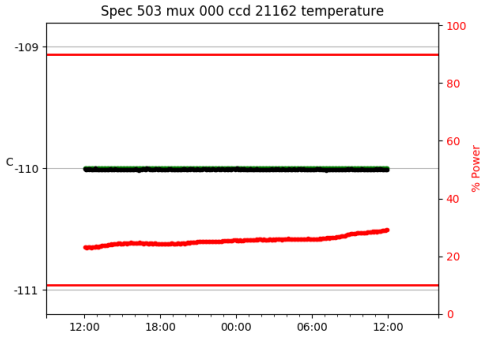
lrs2 uptime: 714:53:46 (hh:mm:ss)

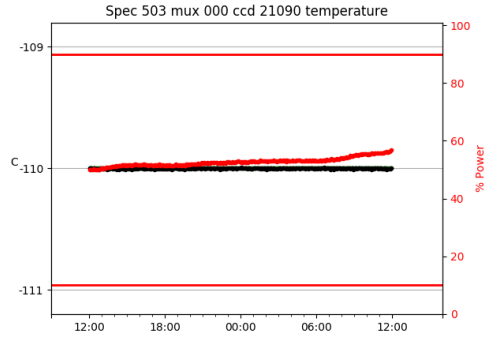






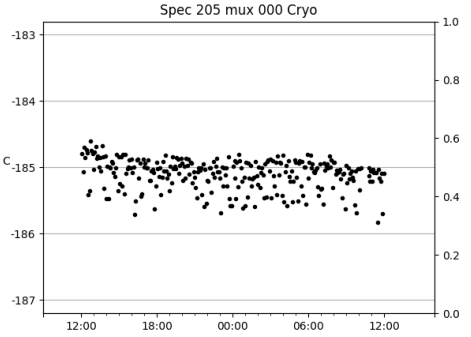


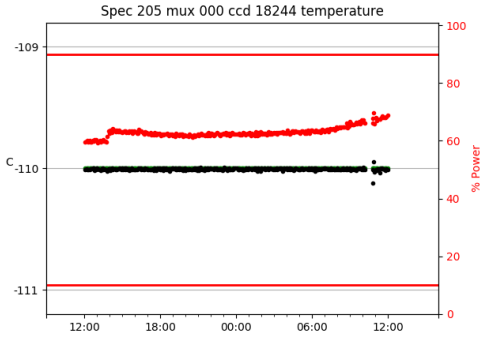


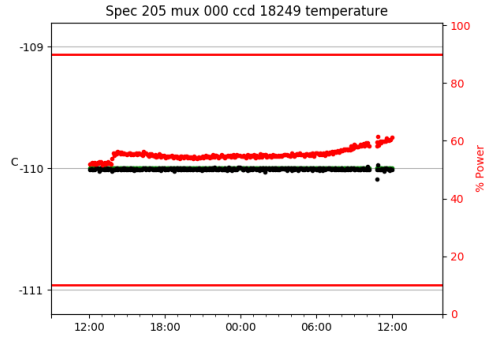


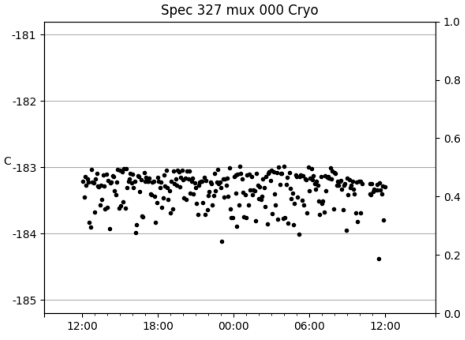
2.3 virus

virus uptime: 833:51:56 (hh:mm:ss)





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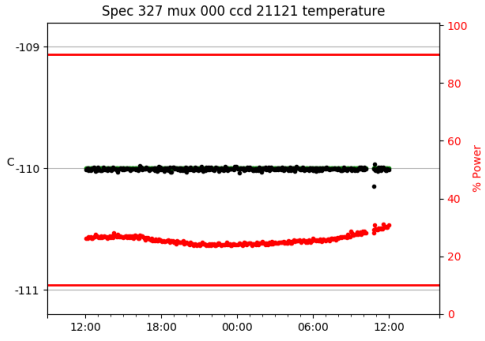
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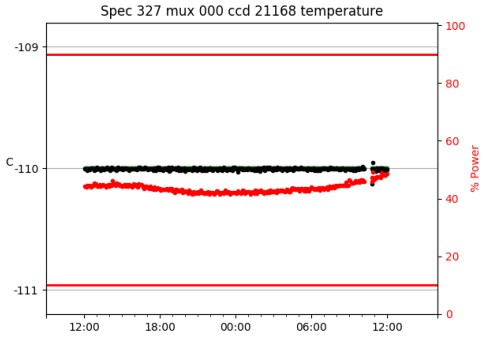
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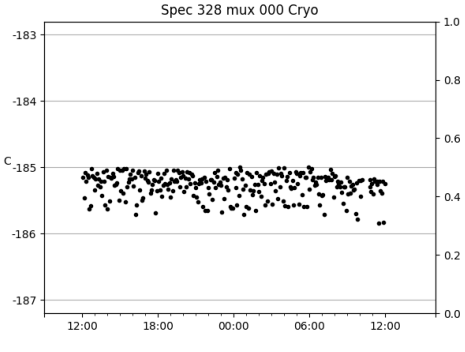
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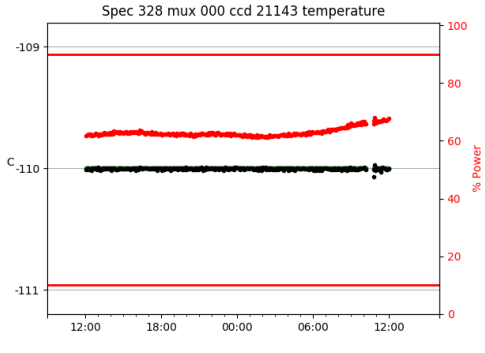
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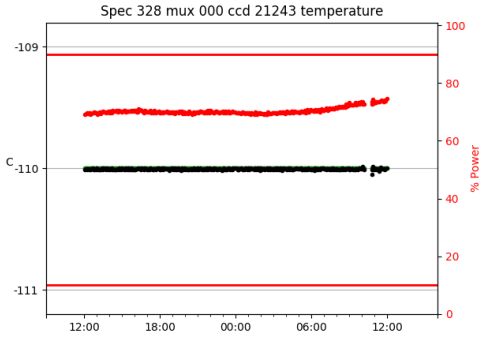
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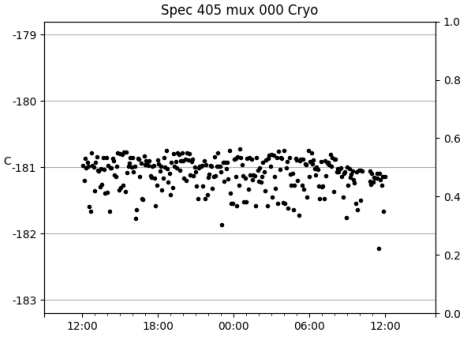
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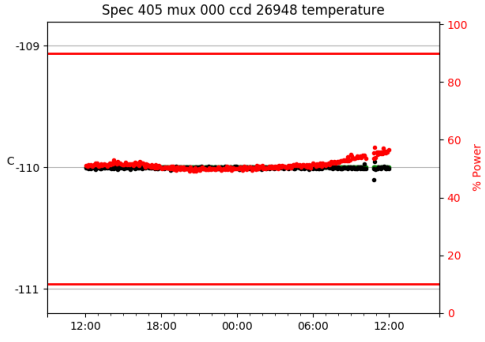
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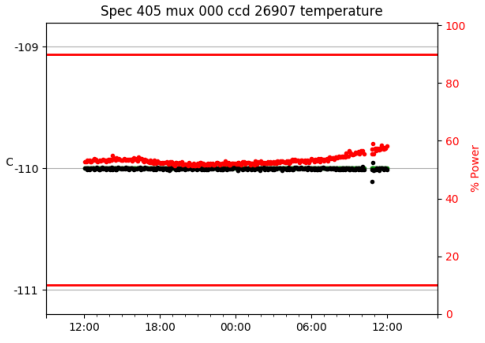
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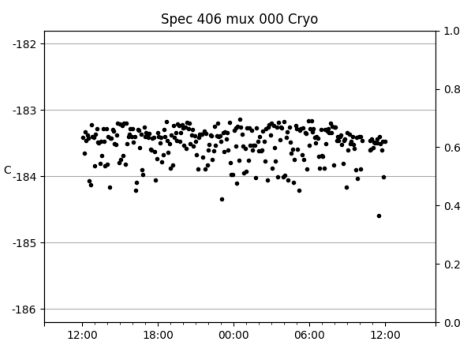
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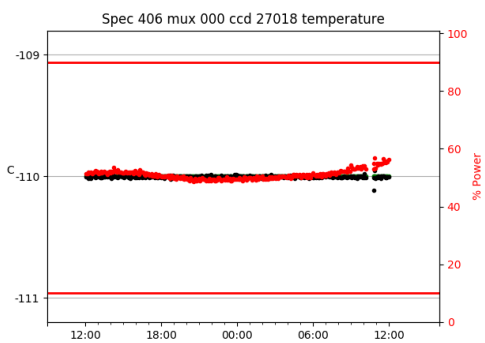
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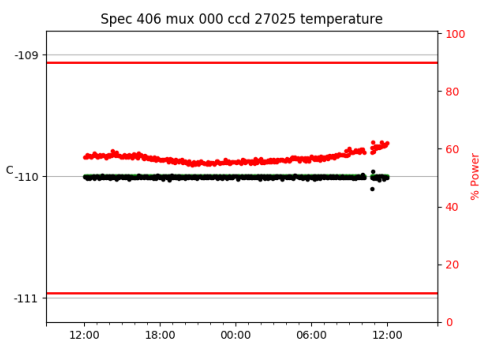
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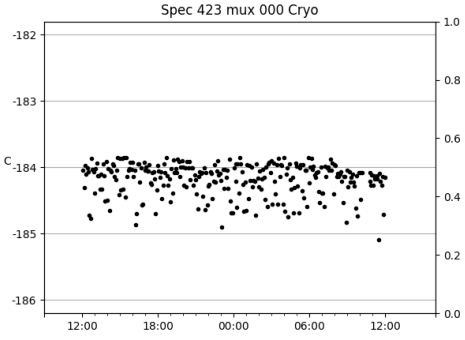
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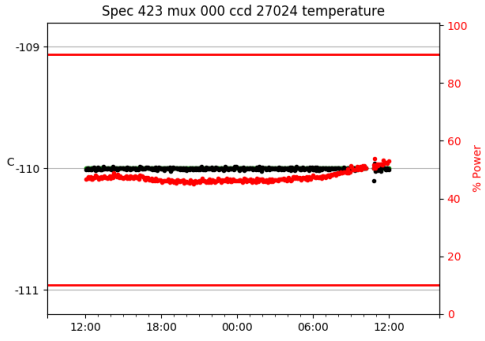
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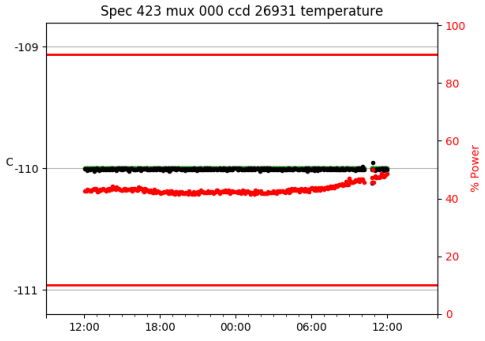
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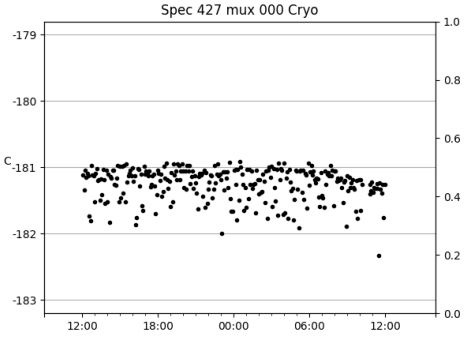
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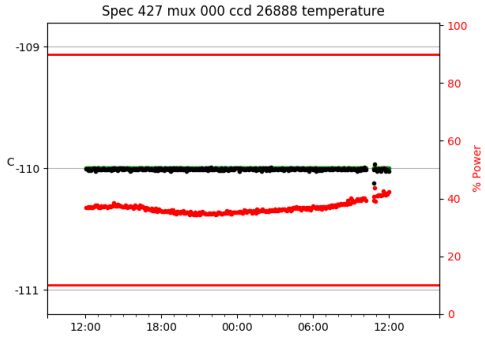
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% Power
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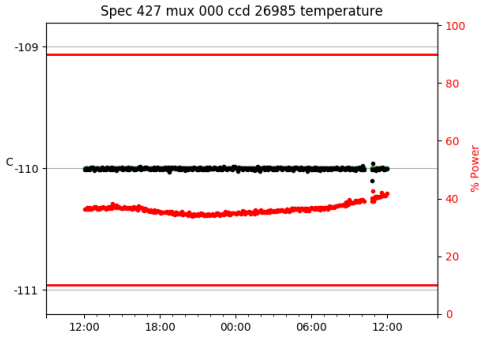
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% Power
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60
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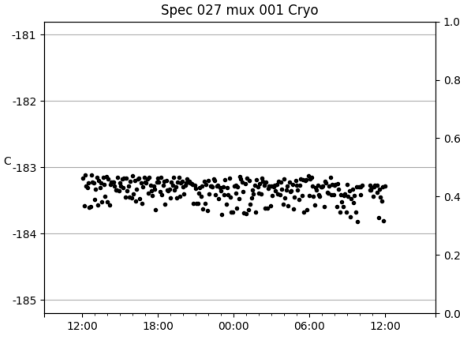
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-182
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-184
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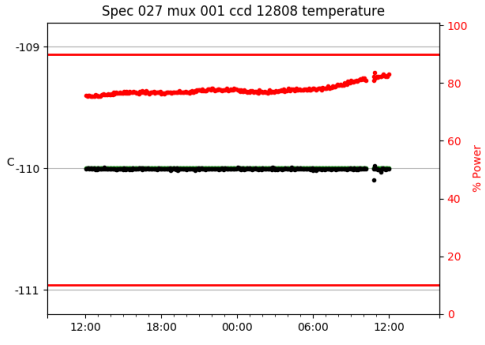
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


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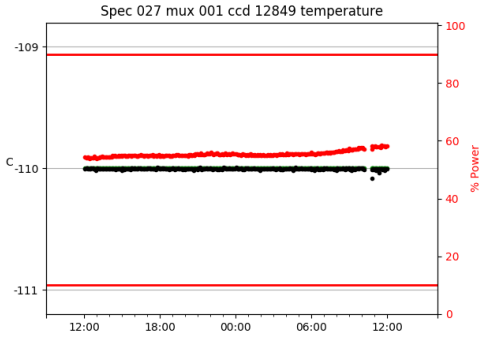
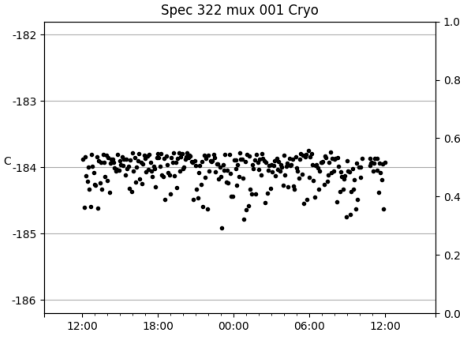
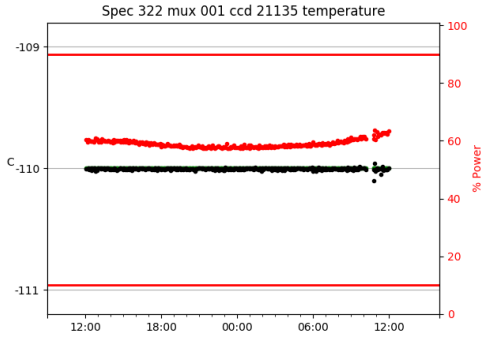
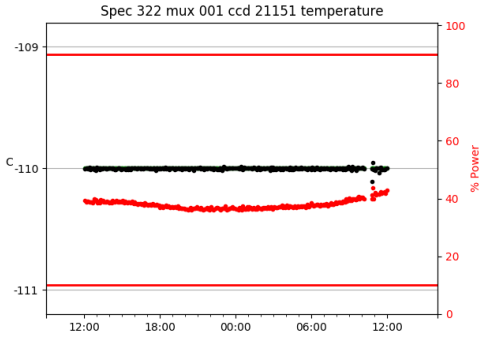
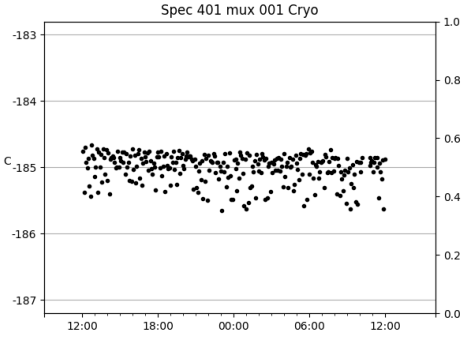
06:00
12:00

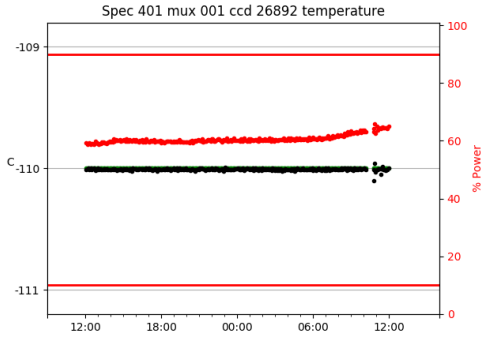

Spec 027 mux 001 ccd 12849 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

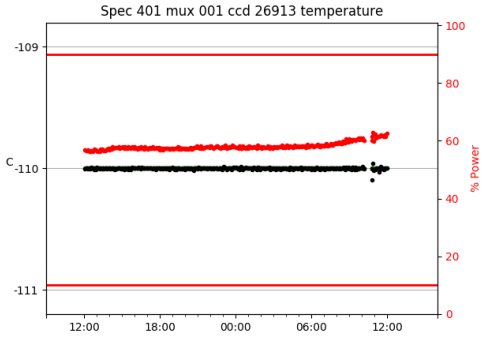

Spec 322 mux 001 Cryo
C
-182
-183
-184
-185
-186
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

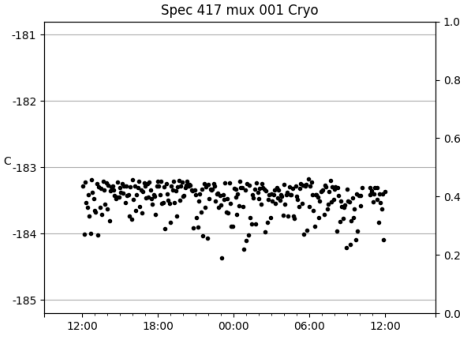

Spec 322 mux 001 ccd 21135 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

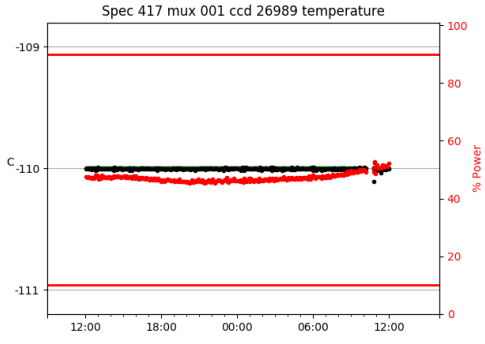

Spec 322 mux 001 ccd 21151 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

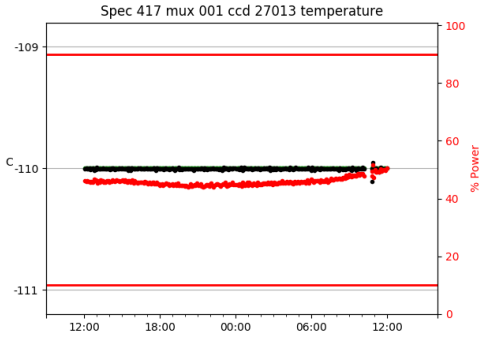

Spec 401 mux 001 Cryo
C
-183
-184
-185
-186
-187
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

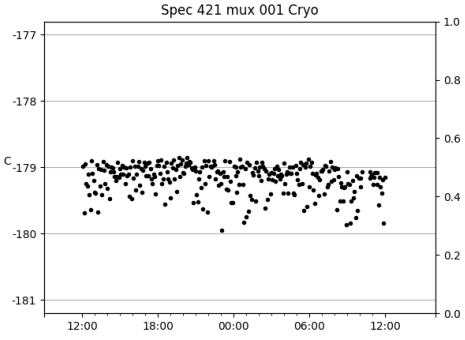

Spec 401 mux 001 ccd 26892 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

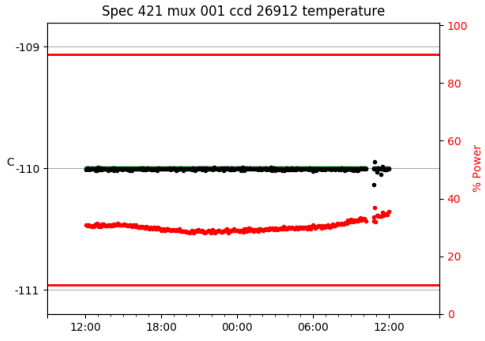

Spec 401 mux 001 ccd 26913 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

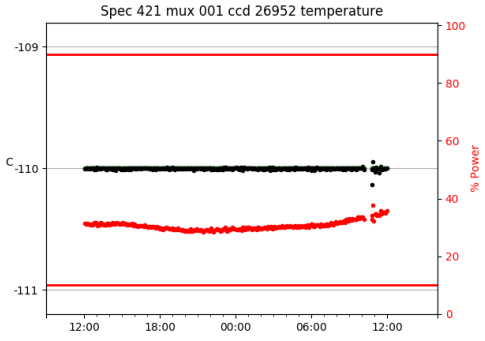

Spec 417 mux 001 Cryo
C
-181
-182
-183
-184
-185
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

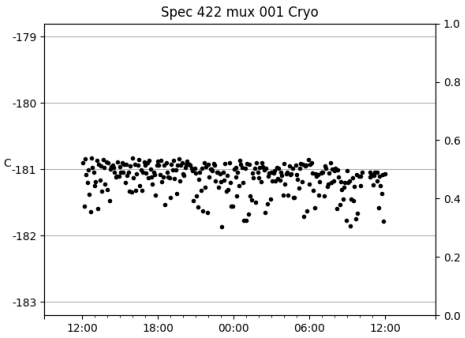

Spec 417 mux 001 ccd 26989 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

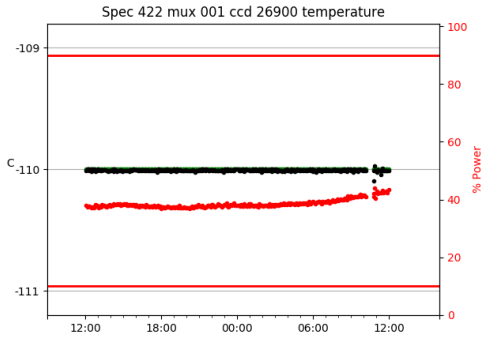

Spec 417 mux 001 ccd 27013 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

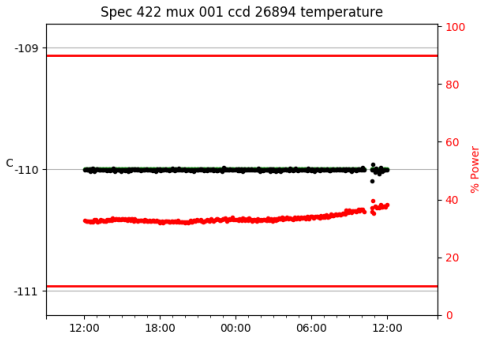

Spec 421 mux 001 Cryo
C
-177
-178
-179
-180
-181
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

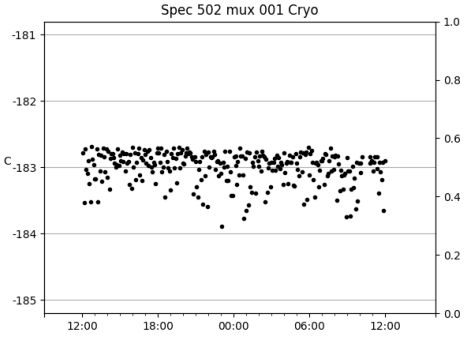

Spec 421 mux 001 ccd 26912 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

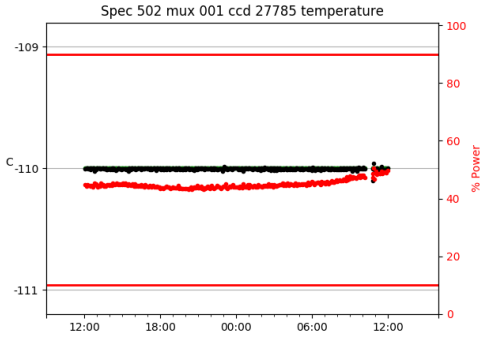

Spec 421 mux 001 ccd 26952 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

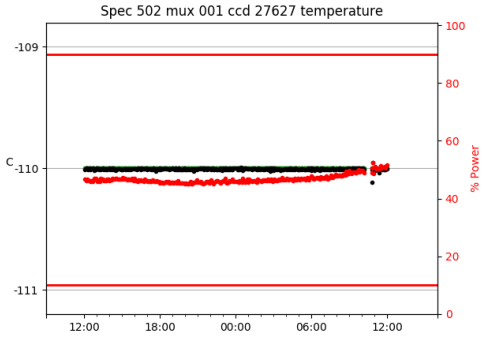

Spec 422 mux 001 Cryo
C
-179
-180
-181
-182
-183
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

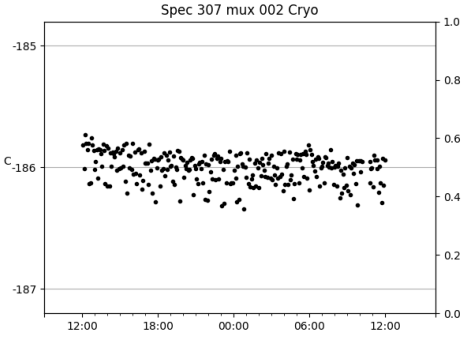

Spec 422 mux 001 ccd 26900 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

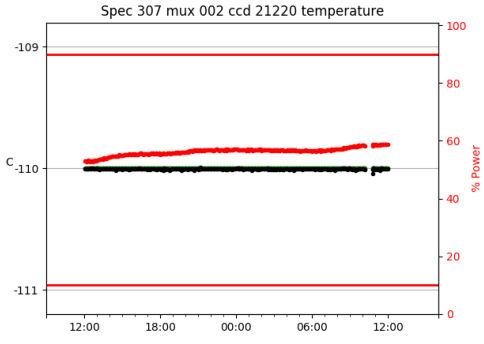

Spec 422 mux 001 ccd 26894 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

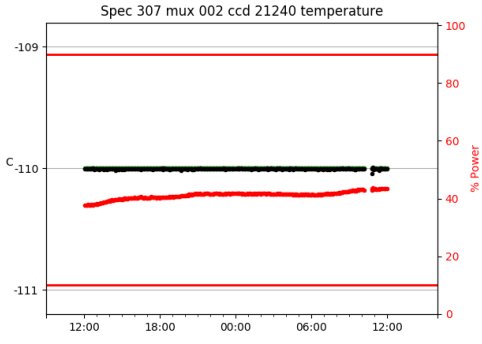

Spec 502 mux 001 Cryo
C
-181
-182
-183
-184
-185
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

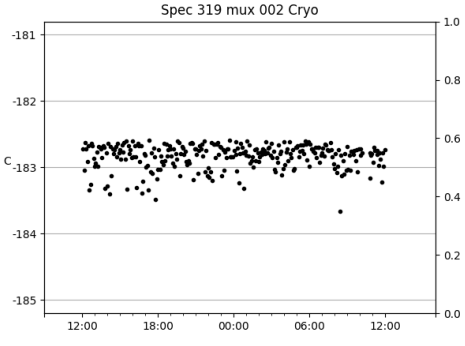

Spec 502 mux 001 ccd 27785 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

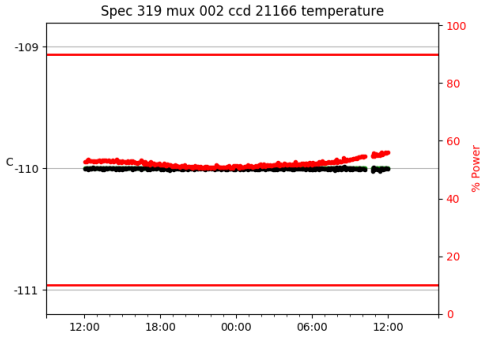

Spec 502 mux 001 ccd 27627 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

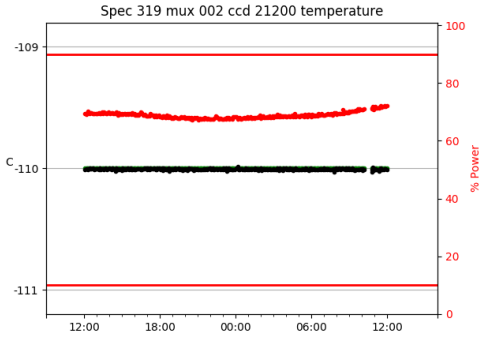

Spec 307 mux 002 Cryo
C
-185
-186
-187
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

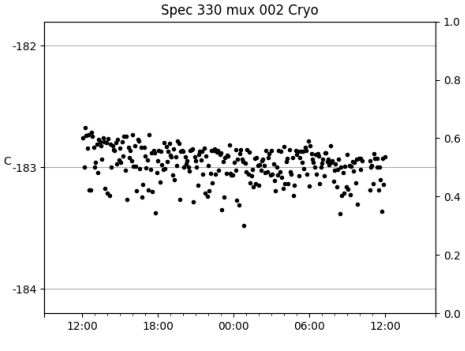

Spec 307 mux 002 ccd 21220 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

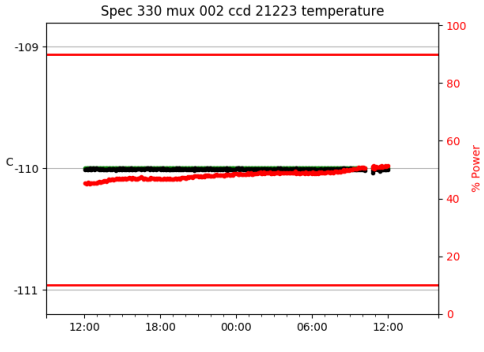

Spec 307 mux 002 ccd 21240 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

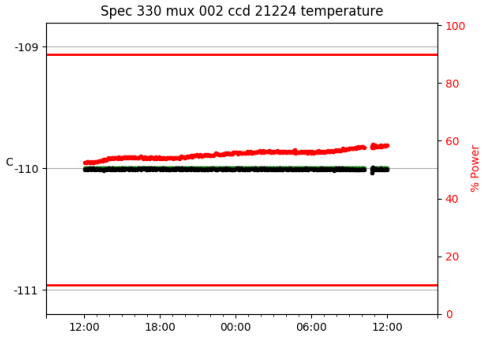

Spec 319 mux 002 Cryo
C
-181
-182
-183
-184
-185
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

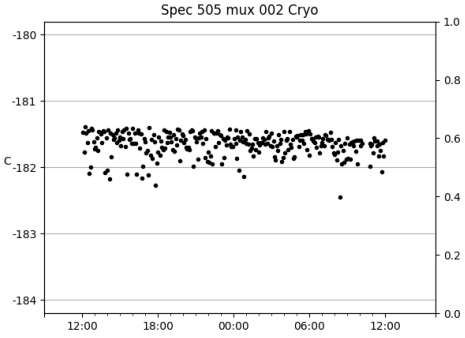

Spec 319 mux 002 ccd 21166 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

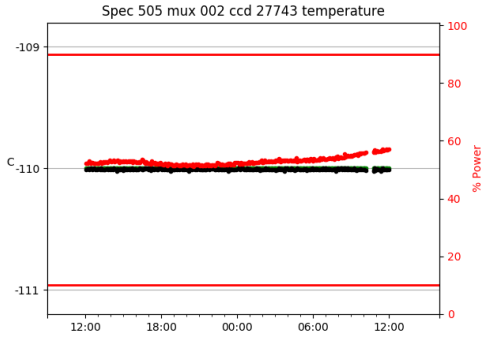

Spec 319 mux 002 ccd 21200 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

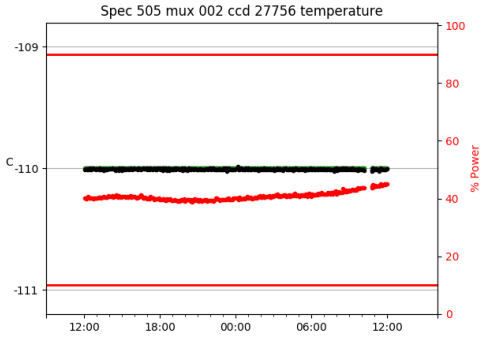

Spec 330 mux 002 Cryo
C
-182
-183
-184
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

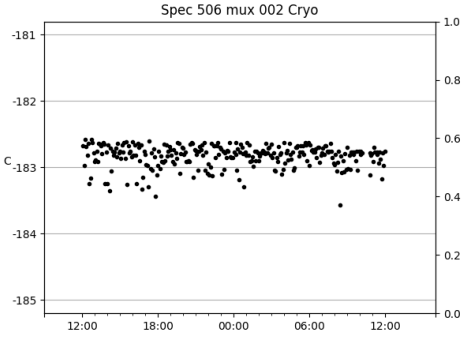

Spec 330 mux 002 ccd 21223 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

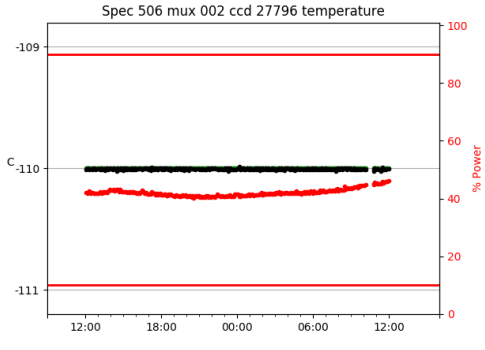

Spec 330 mux 002 ccd 21224 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

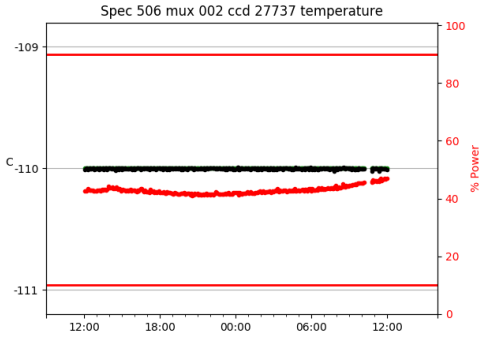

Spec 505 mux 002 Cryo
C
-180
-181
-182
-183
-184
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

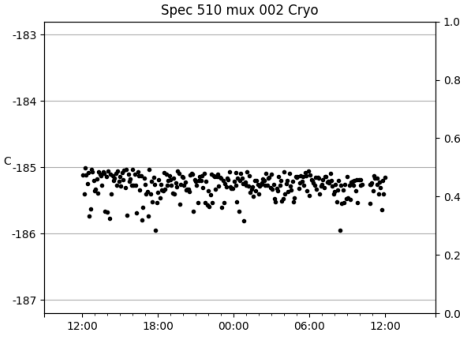

Spec 505 mux 002 ccd 27743 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

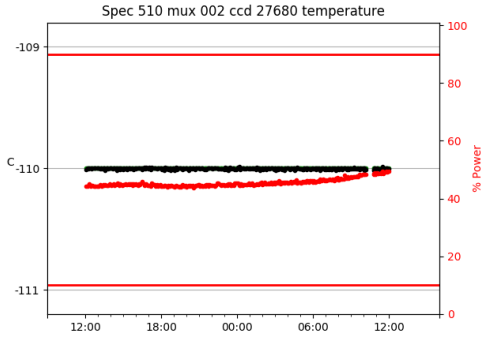

Spec 505 mux 002 ccd 27756 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

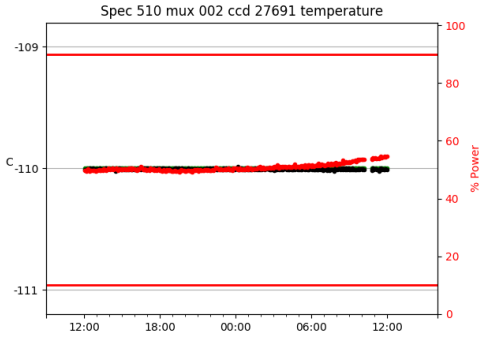

Spec 506 mux 002 Cryo
C
-181
-182
-183
-184
-185
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 506 mux 002 ccd 27796 temperature
C
-109
-110
-111
% 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
-109
-110
-111
% 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
-109
-110
-111
% 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
-109
-110
-111
% Power
100
80
60
40
20
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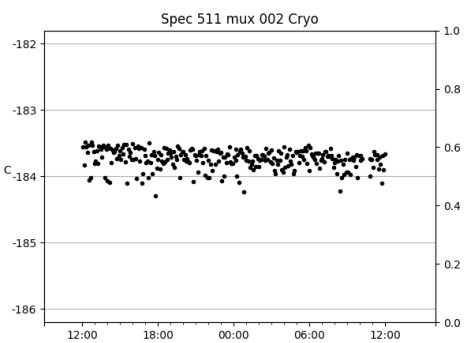
Spec 511 mux 002 Cryo
C
-182
-183
-184
-185
-186
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
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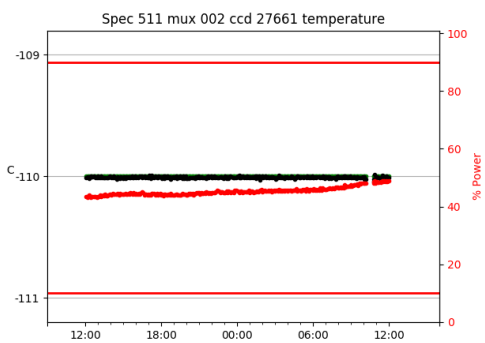
06:00
12:00


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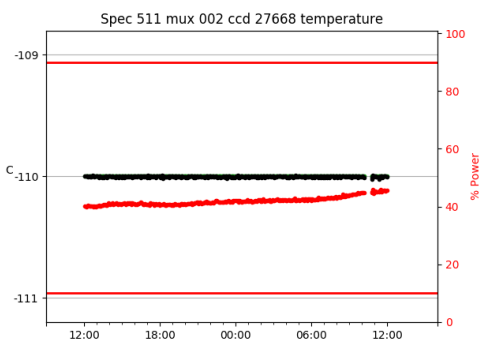
06:00
12:00


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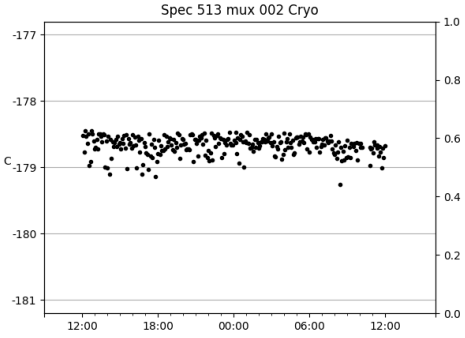
06:00
12:00


Spec 513 mux 002 Cryo
C
-177
-178
-179
-180
-181
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
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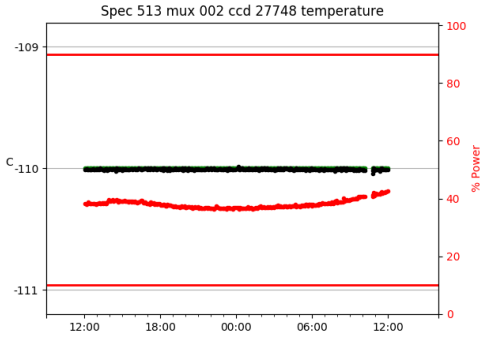
06:00
12:00


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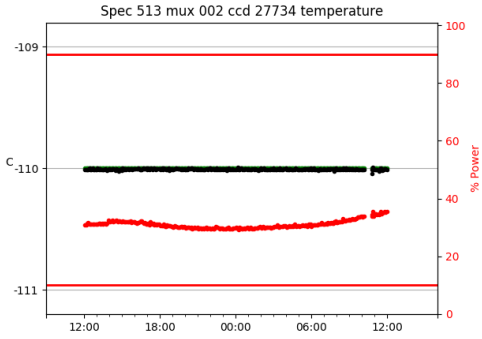
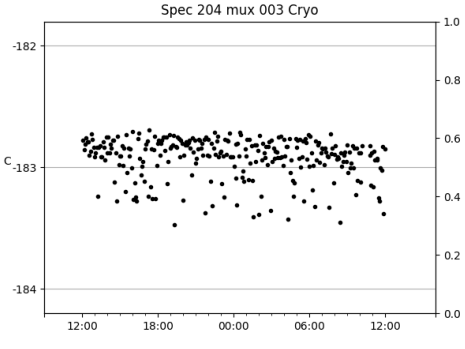
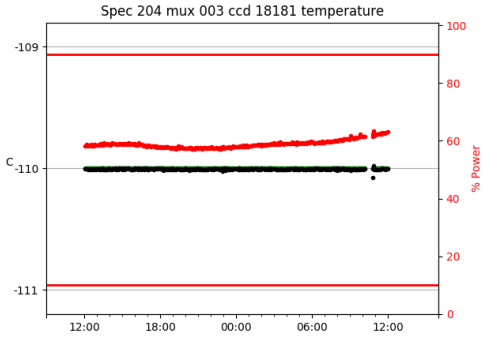
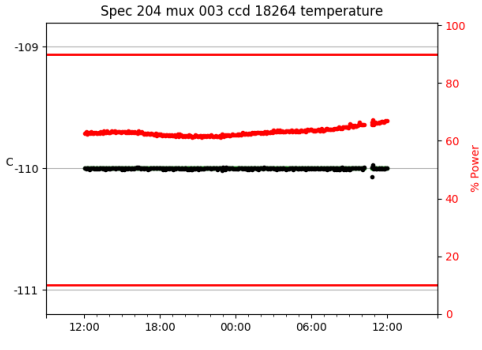
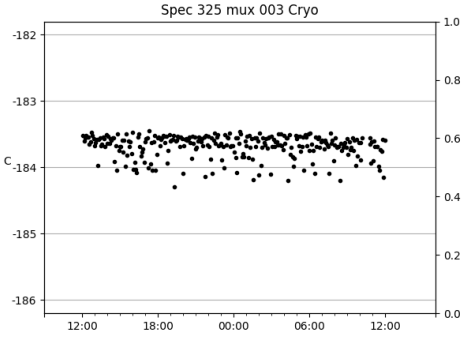
06:00
12:00

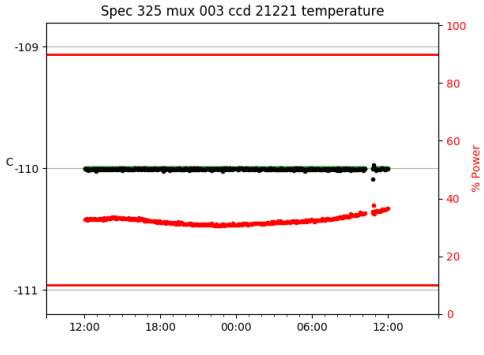

Spec 513 mux 002 ccd 27734 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

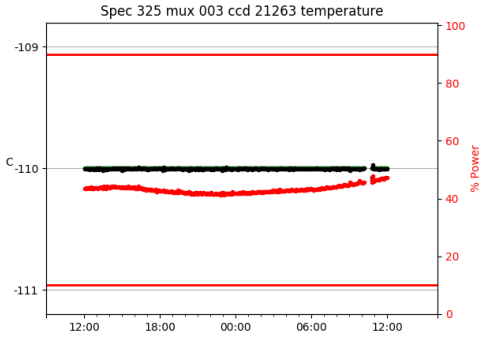

Spec 204 mux 003 Cryo
C
-182
-183
-184
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


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


Spec 204 mux 003 ccd 18264 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
00:00
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
-109
-110
-111
% 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
-109
-110
-111
% Power
100
80
60
40
20
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12:00
18:00
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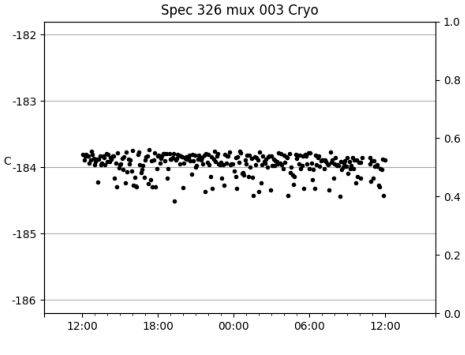
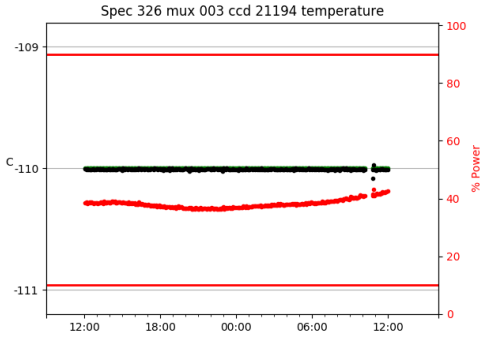
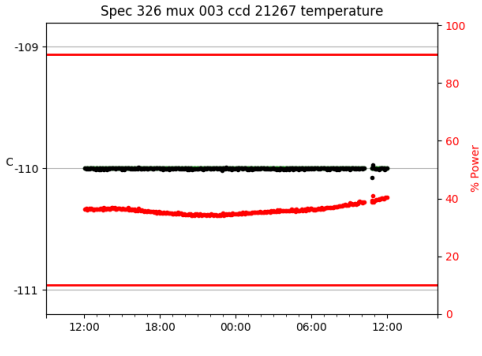
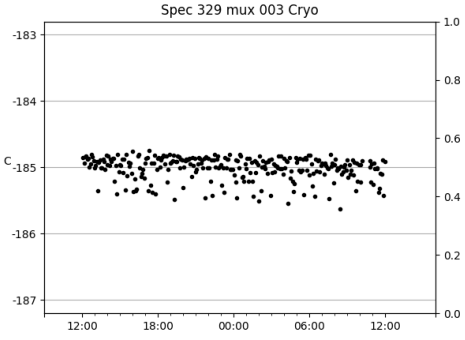
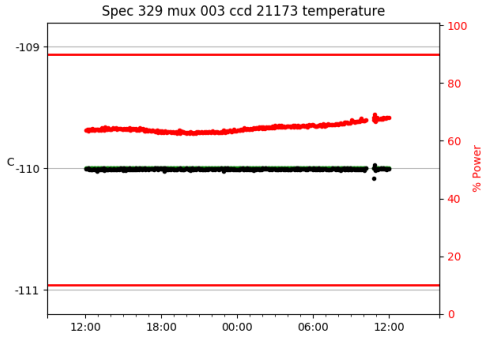
06:00
12:00

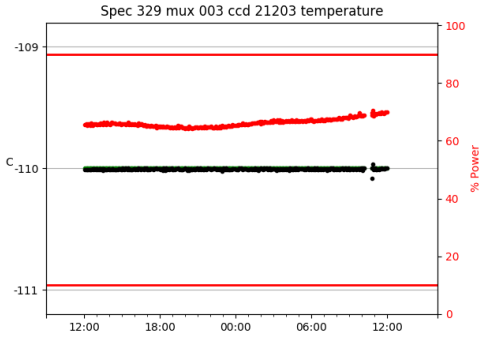

Spec 326 mux 003 Cryo
C
-182
-183
-184
-185
-186
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 326 mux 003 ccd 21194 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 326 mux 003 ccd 21267 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
00:00
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
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 329 mux 003 ccd 21203 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
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12:00
18:00
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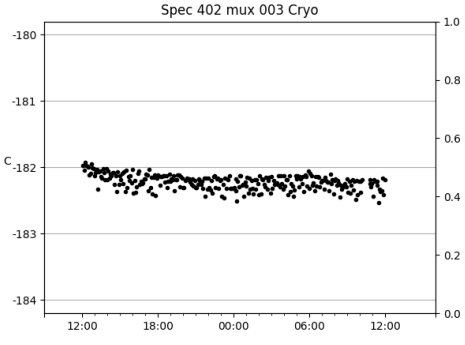
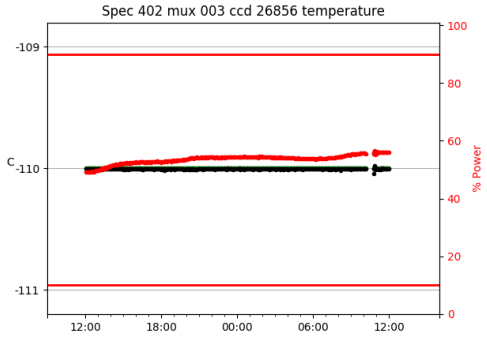
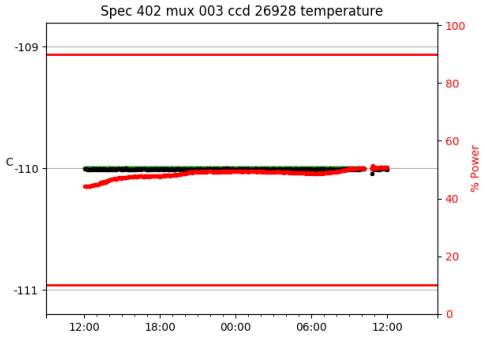
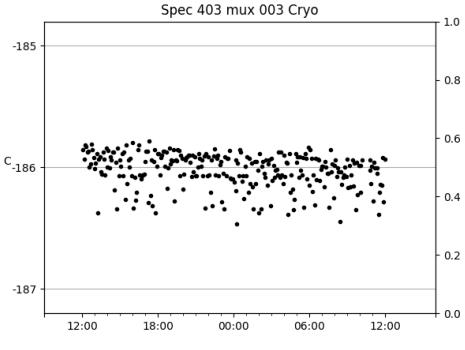
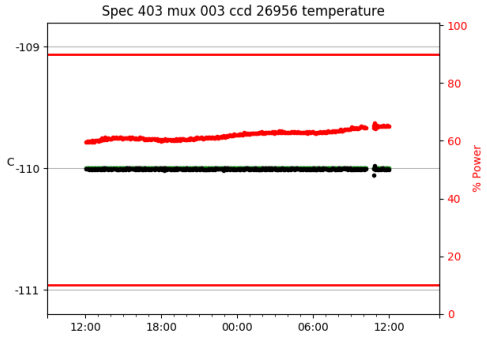
06:00
12:00


Spec 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
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 402 mux 003 ccd 26928 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 403 mux 003 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 403 mux 003 ccd 26956 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
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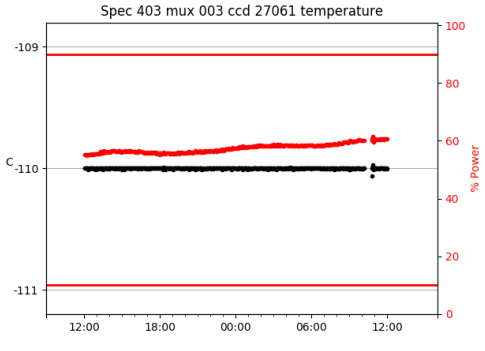
06:00
12:00


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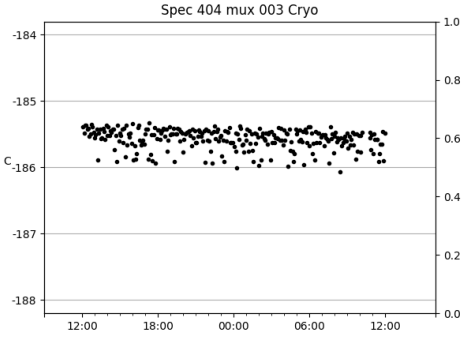
06:00
12:00


Spec 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
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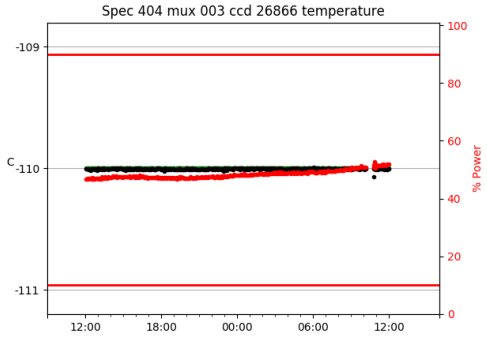
06:00
12:00


Spec 404 mux 003 ccd 26866 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
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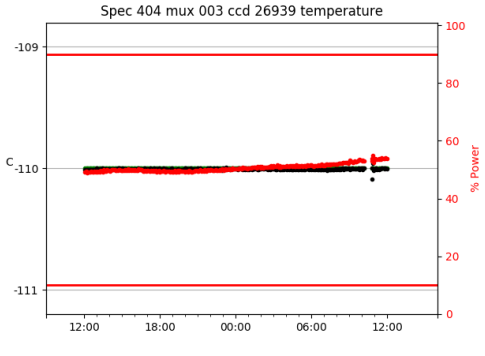
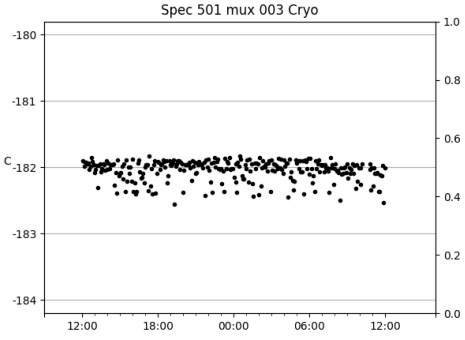
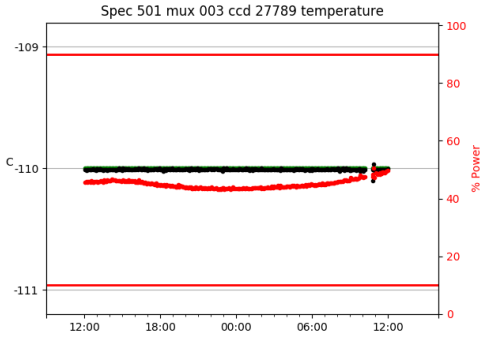
06:00
12:00


Spec 404 mux 003 ccd 26939 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
00:00
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
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
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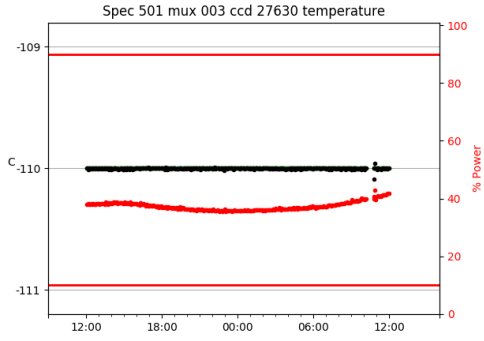
06:00
12:00


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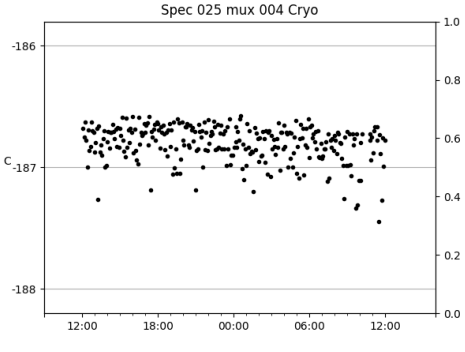
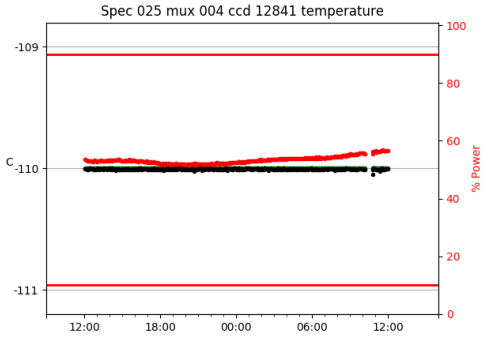
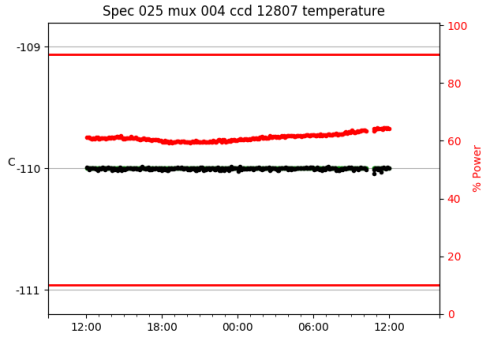
06:00
12:00


Spec 025 mux 004 Cryo
C
-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 025 mux 004 ccd 12841 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 025 mux 004 ccd 12807 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
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12:00
18:00
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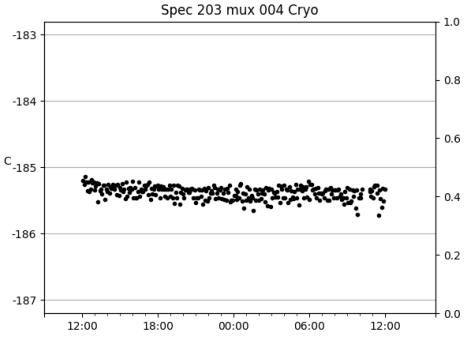
12:00


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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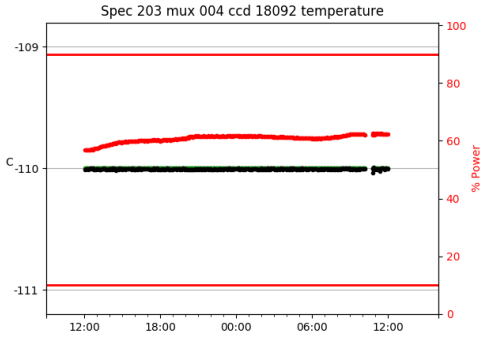
06:00
12:00


Spec 203 mux 004 ccd 18092 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
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12:00
18:00
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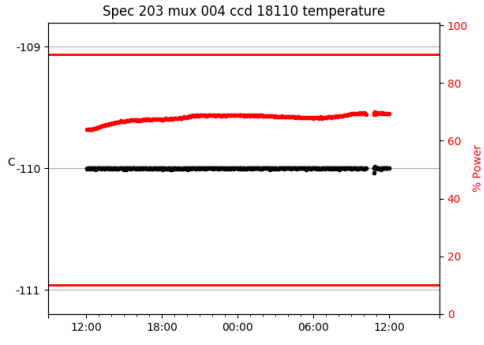
06:00
12:00


Spec 203 mux 004 ccd 18110 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
00:00
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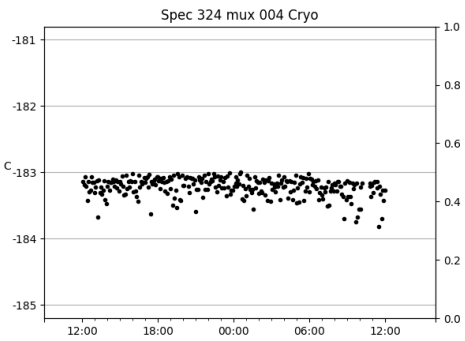
12:00


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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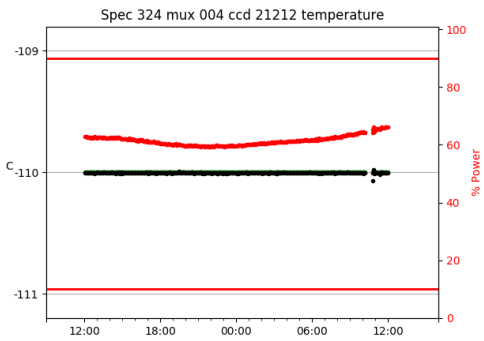
Spec 324 mux 004 ccd 21212 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
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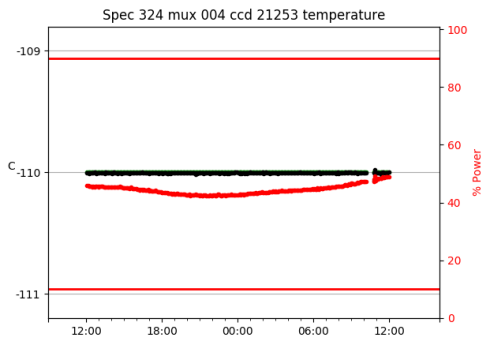
Spec 324 mux 004 ccd 21253 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
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12:00
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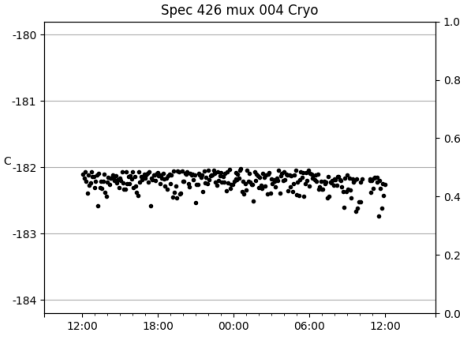
12:00


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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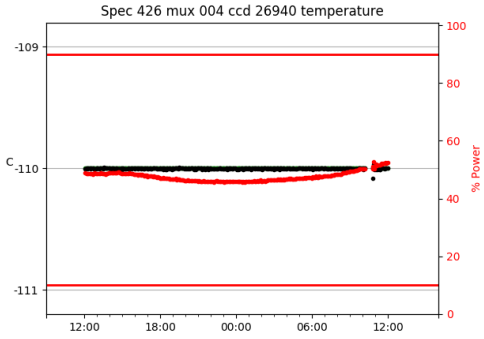
06:00
12:00


Spec 426 mux 004 ccd 26940 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
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12:00
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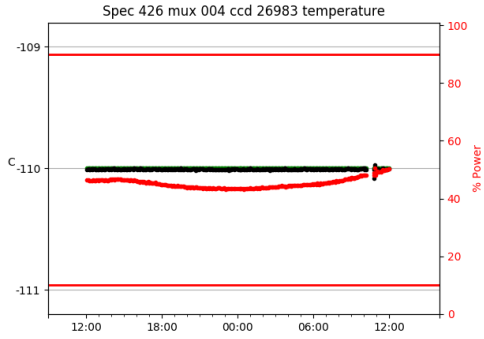
Spec 426 mux 004 ccd 26983 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
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12:00
18:00
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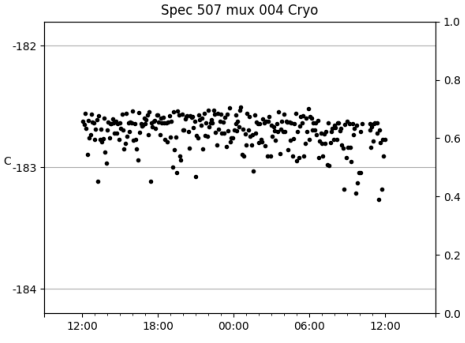
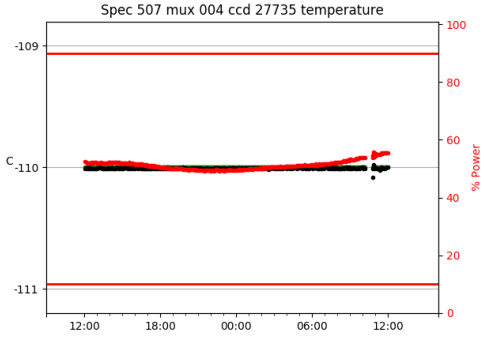
12:00


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
00:00
06:00
12:00


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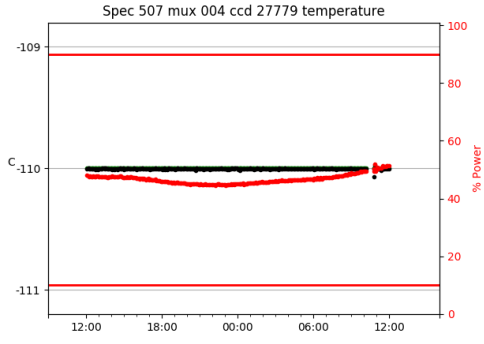
06:00
12:00


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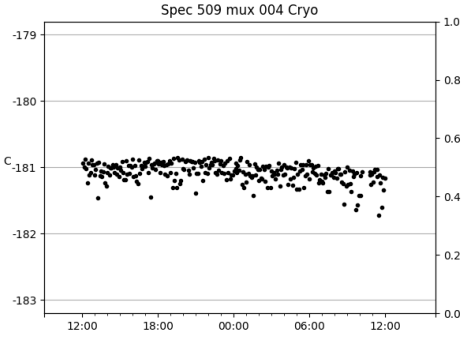
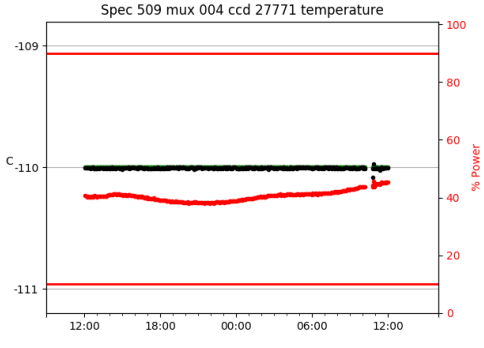
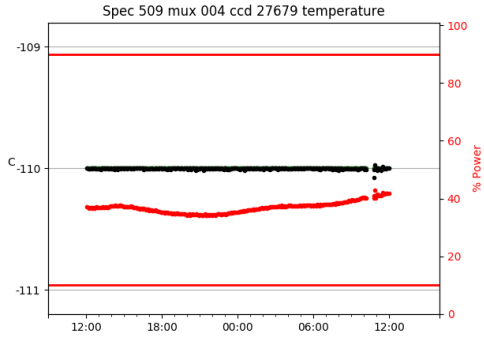
06:00
12:00


Spec 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
-109
-110
-111
% 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
-109
-110
-111
% Power
100
80
60
40
20
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12:00
18:00
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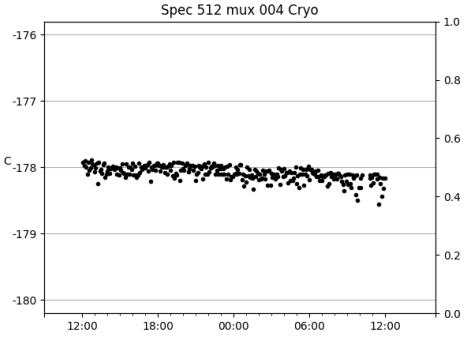
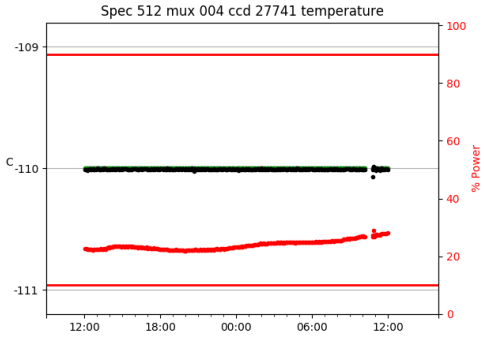
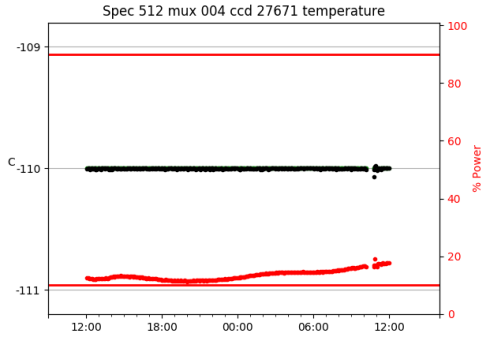
06:00
12:00


Spec 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
-109
-110
-111
% Power
100
80
60
40
20
0
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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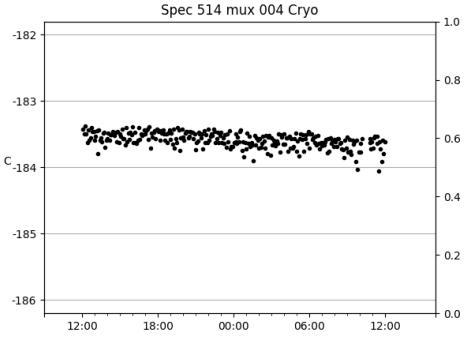
06:00
12:00


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
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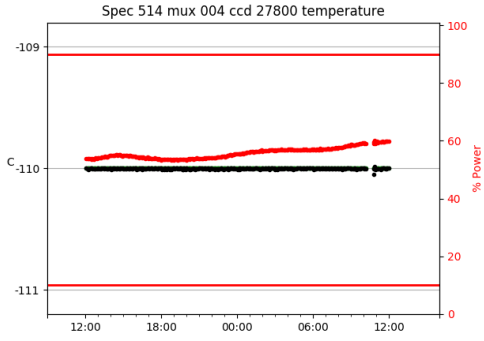
06:00
12:00


Spec 514 mux 004 ccd 27800 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
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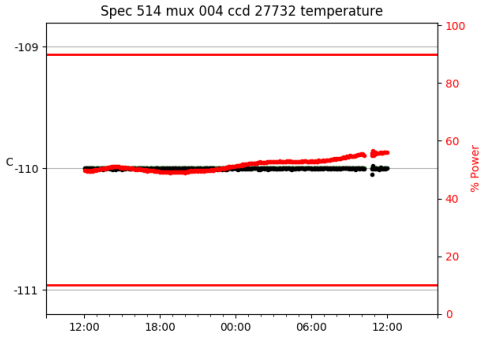
06:00
12:00


Spec 514 mux 004 ccd 27732 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
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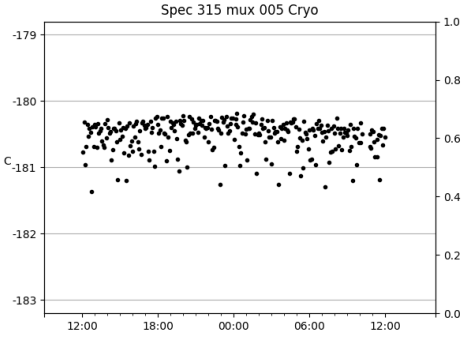
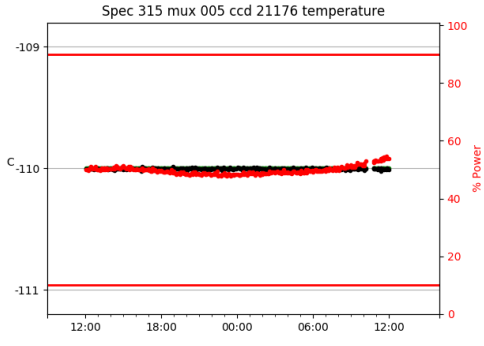
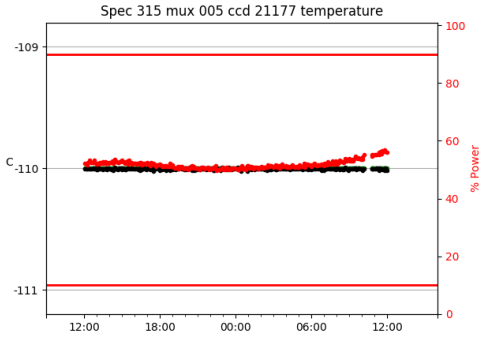
06:00
12:00


Spec 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
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


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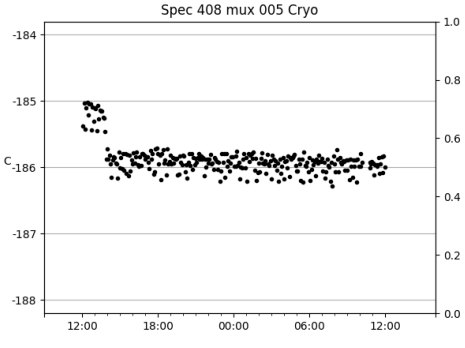
06:00
12:00


Spec 408 mux 005 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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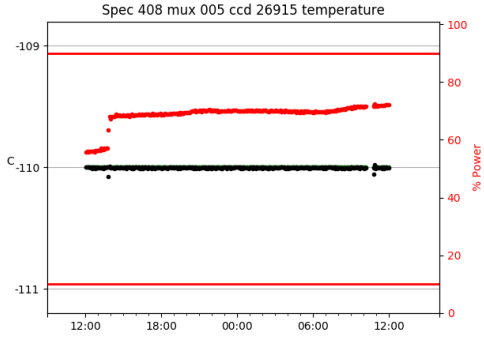
06:00
12:00


Spec 408 mux 005 ccd 26915 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
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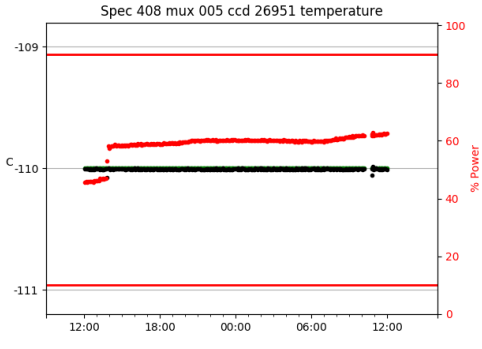
06:00
12:00


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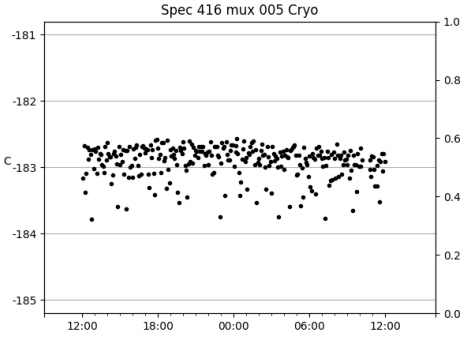
06:00
12:00


Spec 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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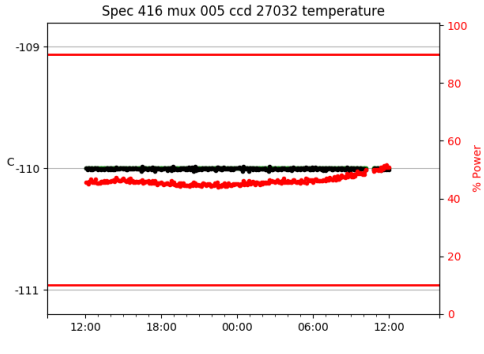
06:00
12:00


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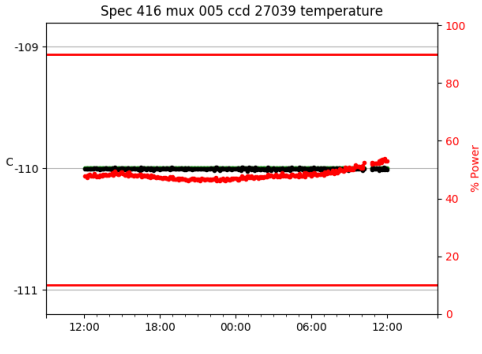
06:00
12:00


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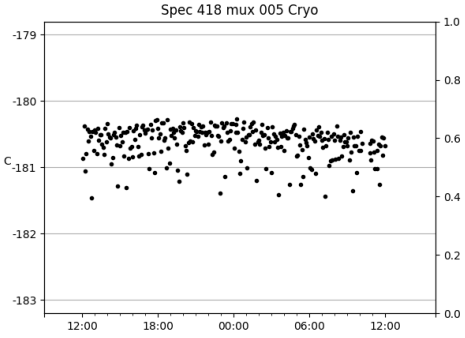
12:00


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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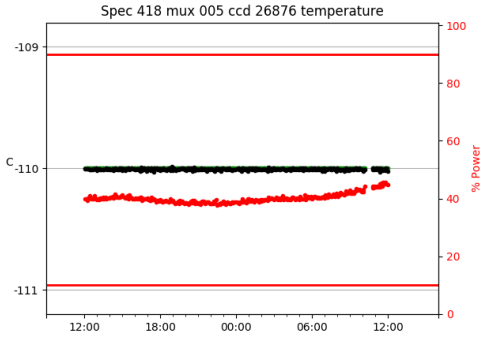
06:00
12:00


Spec 418 mux 005 ccd 26876 temperature
C
-109
-110
-111
% Power
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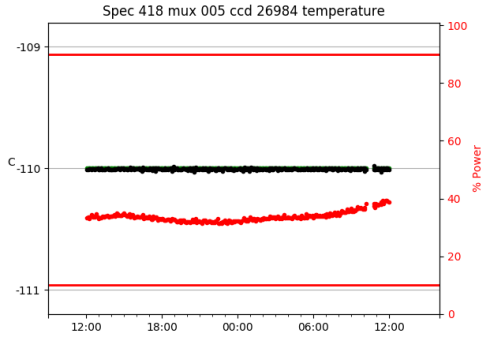
Spec 418 mux 005 ccd 26984 temperature
C
-109
-110
-111
% Power
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80
60
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20
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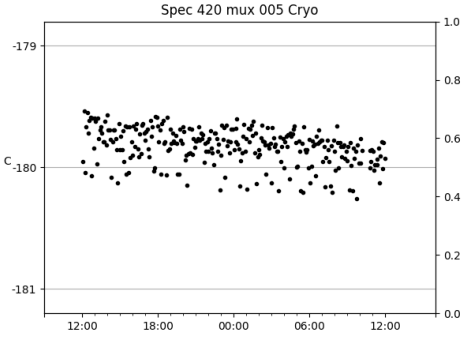
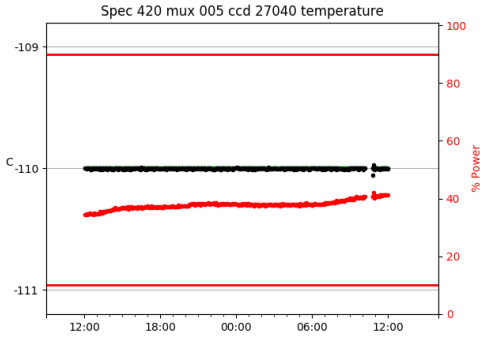
12:00


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
-109
-110
-111
% Power
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12:00
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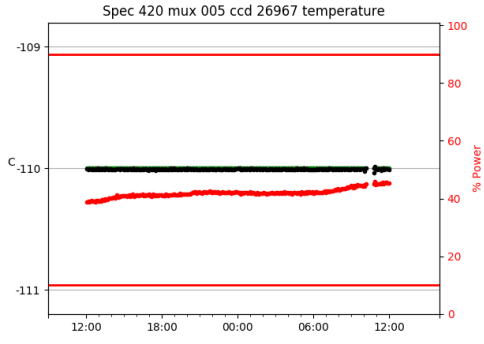
06:00
12:00


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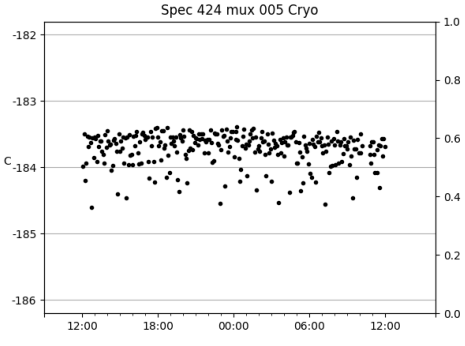
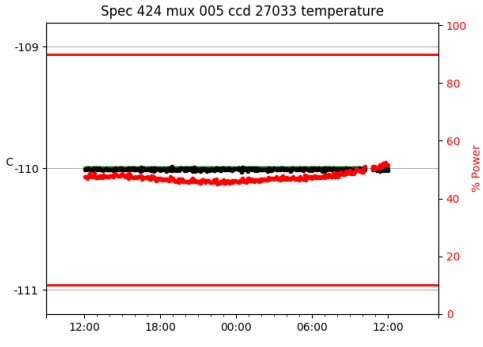
06:00
12:00


Spec 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
00:00
06:00
12:00


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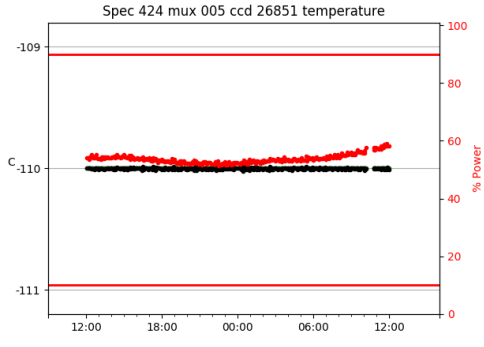
06:00
12:00


Spec 424 mux 005 ccd 26851 temperature
C
-109
-110
-111
% Power
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80
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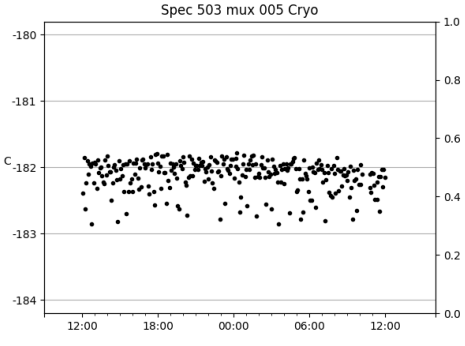
Spec 503 mux 005 Cryo
C
-180
-181
-182
-183
-184
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
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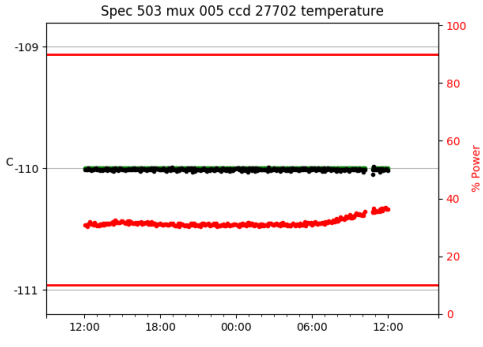
Spec 503 mux 005 ccd 27702 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
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12:00
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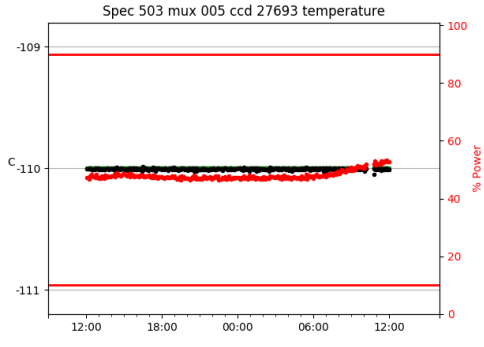
Spec 503 mux 005 ccd 27693 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
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12:00
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06:00
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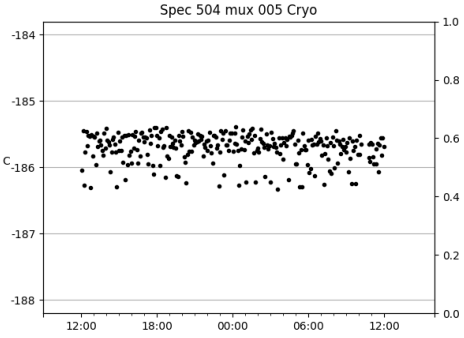
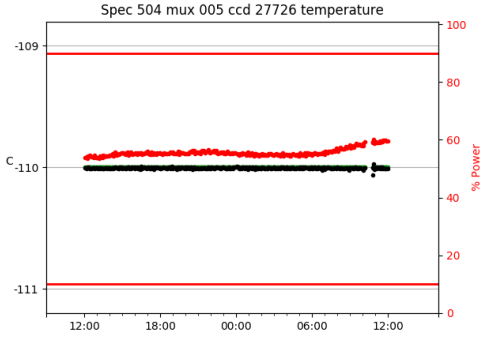
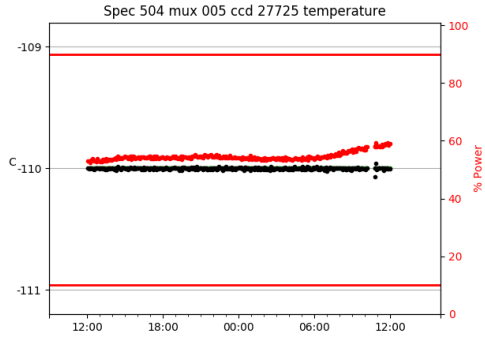

Spec 504 mux 005 Cryo
C
-184
-185
-186
-187
-188
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


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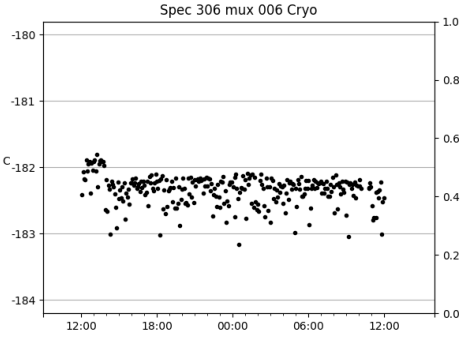
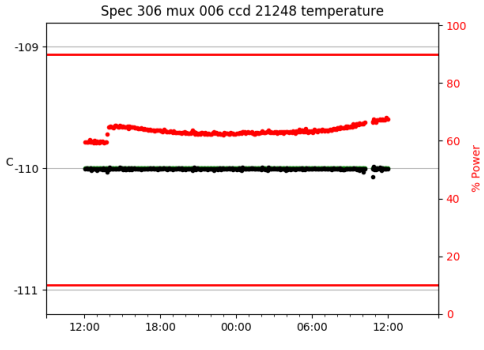
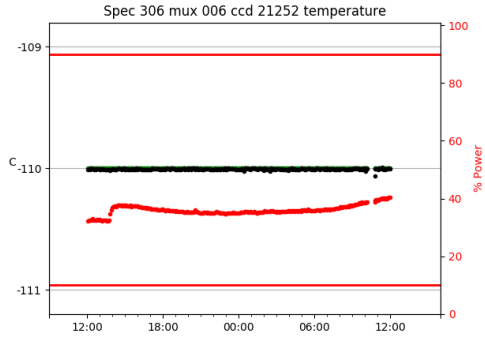
12:00


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
-109
-110
-111
% 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
-109
-110
-111
% Power
100
80
60
40
20
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12:00
18:00
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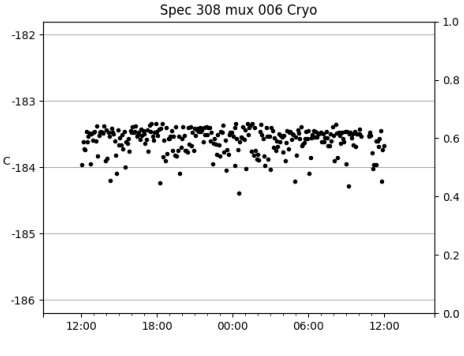
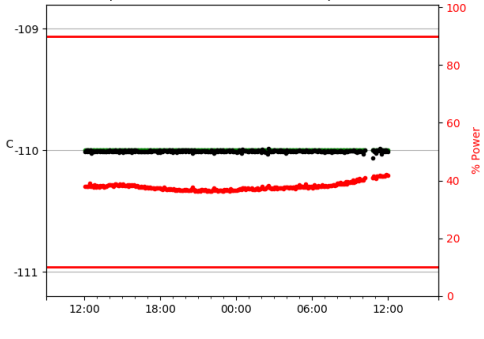
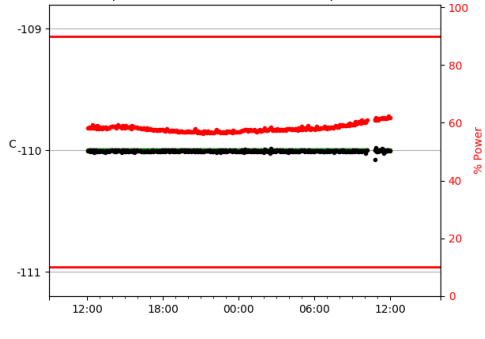
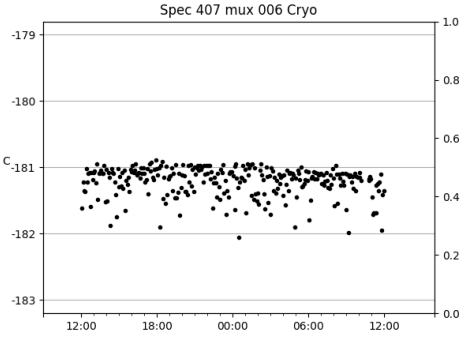
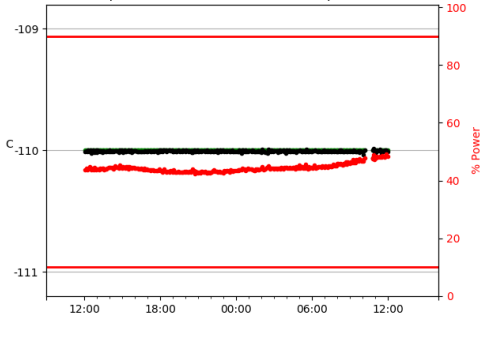
06:00
12:00

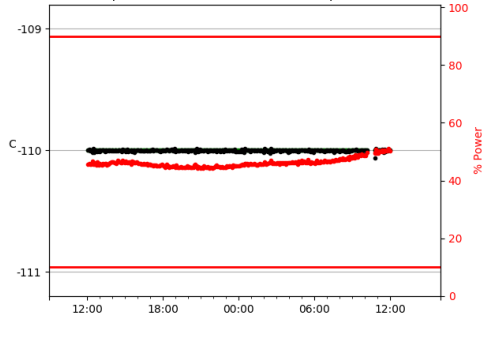

Spec 308 mux 006 Cryo
C
-182
-183
-184
-185
-186
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

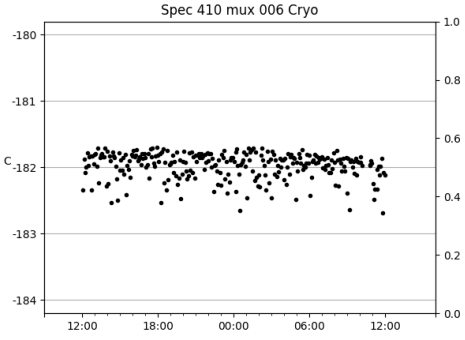

Spec 308 mux 006 ccd 21129 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

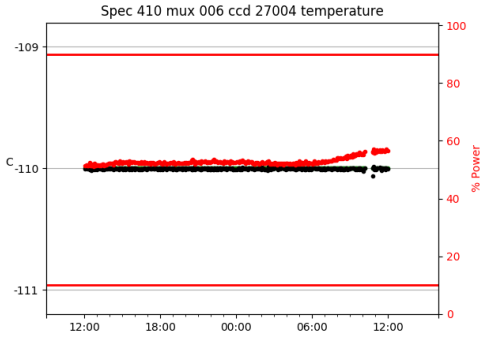

Spec 308 mux 006 ccd 21229 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


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
-109
-110
-111
% 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
-109
-110
-111
% 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
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
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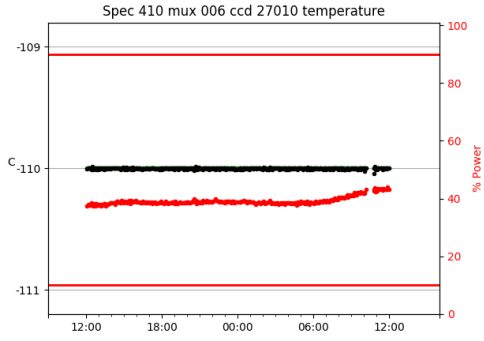
06:00
12:00


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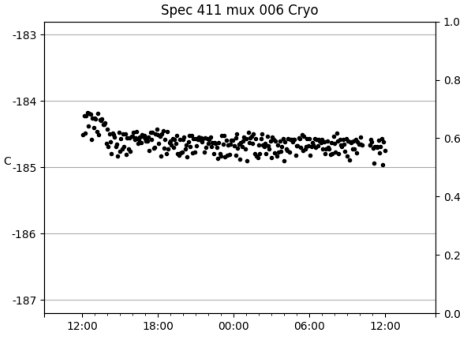
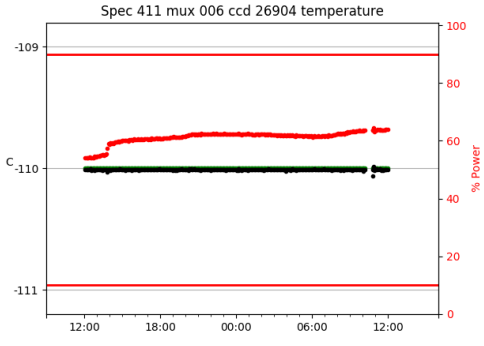
06:00
12:00


Spec 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
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
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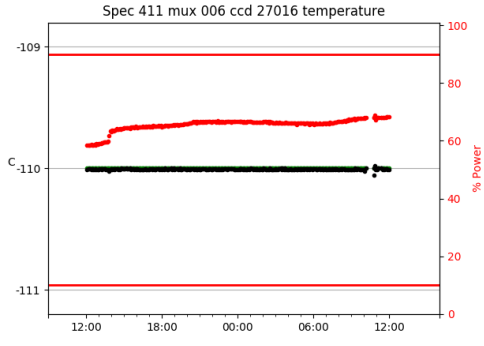
06:00
12:00


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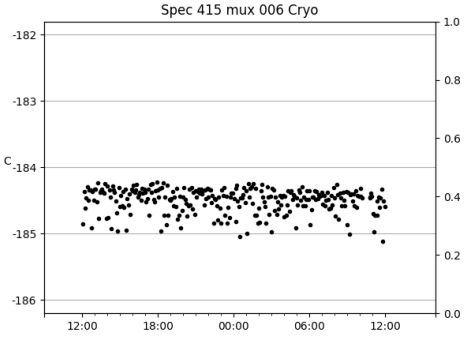
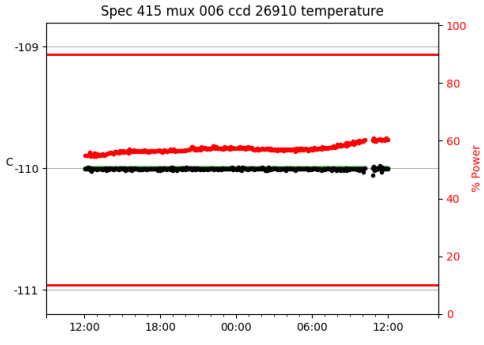
06:00
12:00


Spec 415 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 415 mux 006 ccd 26910 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
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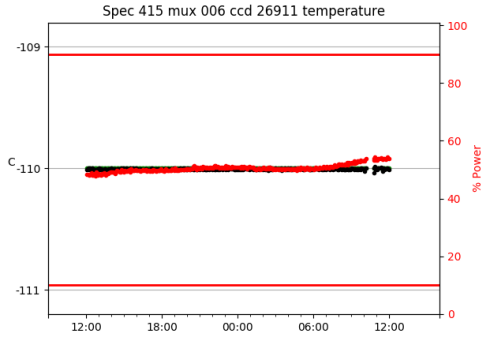
06:00
12:00


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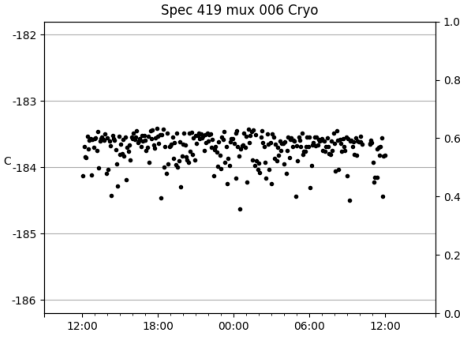
12:00


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
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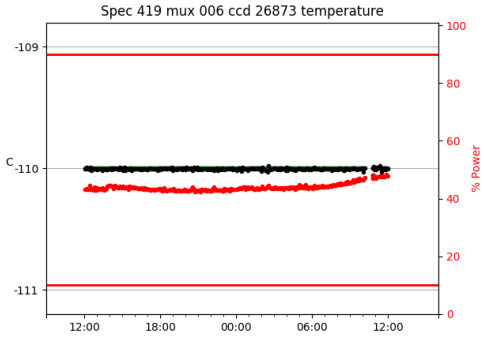
06:00
12:00


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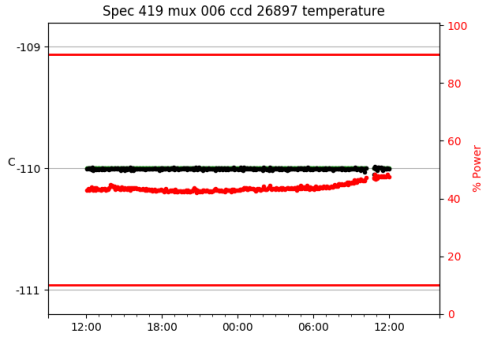
06:00
12:00


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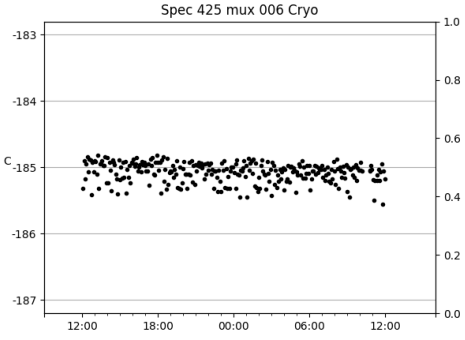
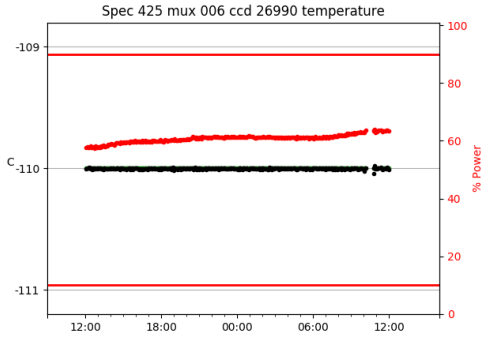
06:00
12:00


Spec 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
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
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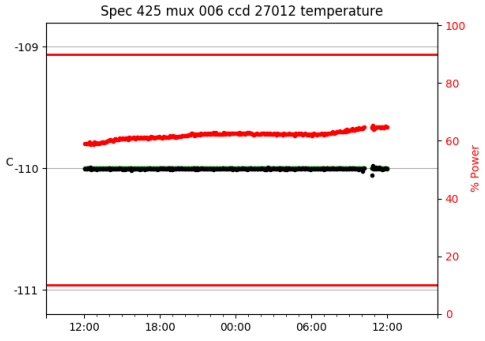
06:00
12:00


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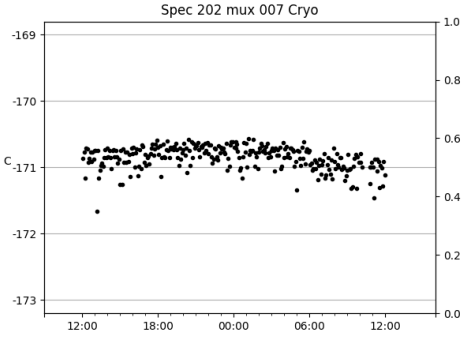
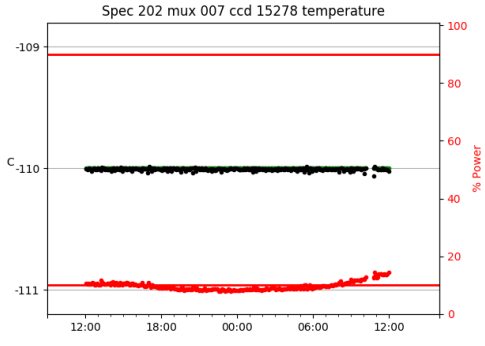
06:00
12:00


Spec 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
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12:00
18:00
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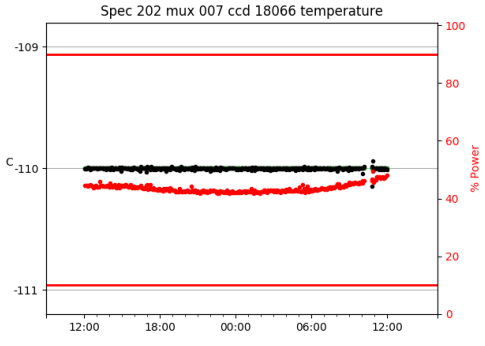
06:00
12:00


Spec 202 mux 007 ccd 18066 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
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12:00
18:00
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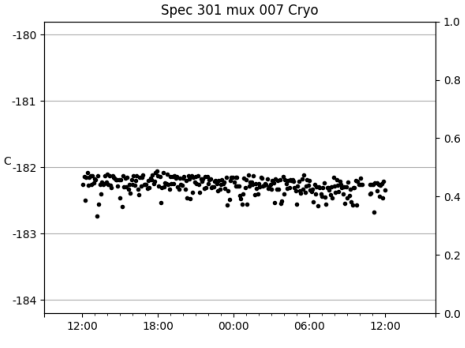
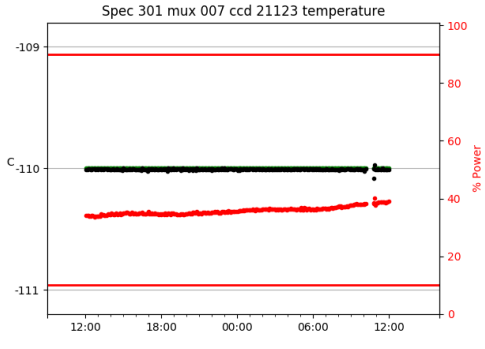
06:00
12:00


Spec 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
00:00
06:00
12:00


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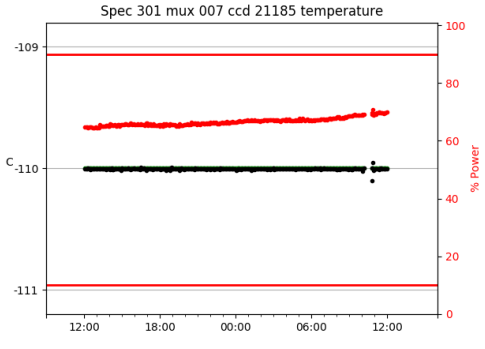
06:00
12:00


Spec 301 mux 007 ccd 21185 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
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12:00
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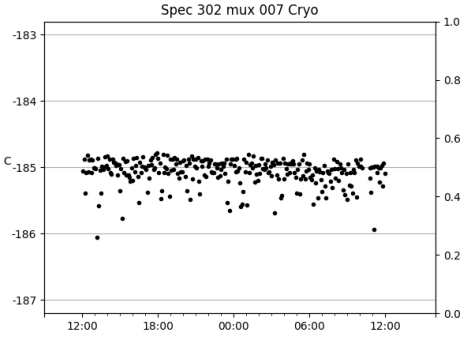
12:00


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
18:00
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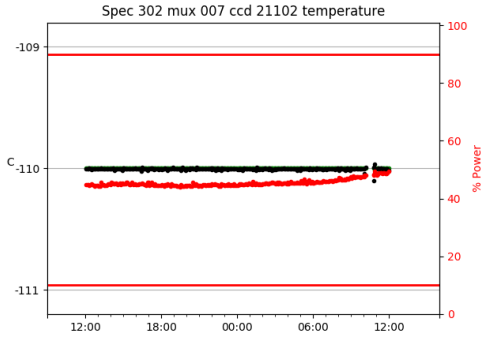
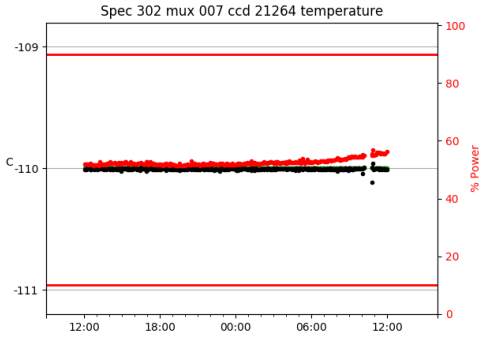
06:00
12:00


Spec 302 mux 007 ccd 21102 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 302 mux 007 ccd 21264 temperature
C
-109
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-111
% Power
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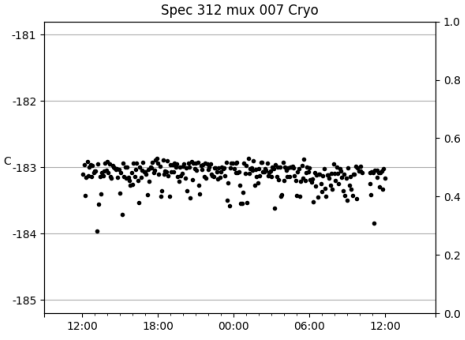
Spec 312 mux 007 Cryo
C
-181
-182
-183
-184
-185
1.0
0.8
0.6
0.4
0.2
0.0
12:00
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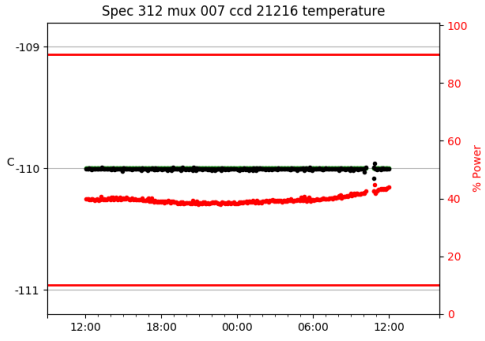
Spec 312 mux 007 ccd 21216 temperature
C
-109
-110
-111
% Power
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80
60
40
20
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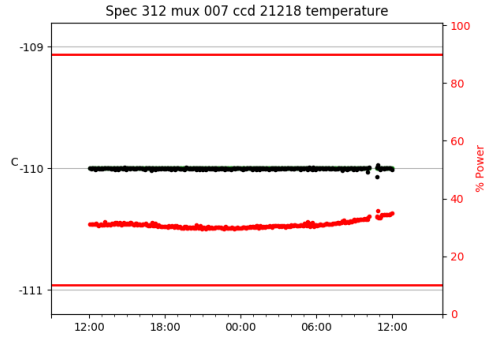
Spec 312 mux 007 ccd 21218 temperature
C
-109
-110
-111
% Power
100
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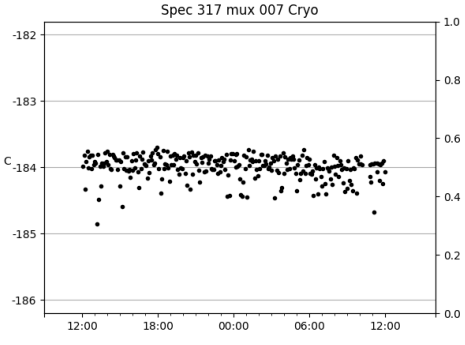
Spec 317 mux 007 Cryo
C
-182
-183
-184
-185
-186
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0.8
0.6
0.4
0.2
0.0
12:00
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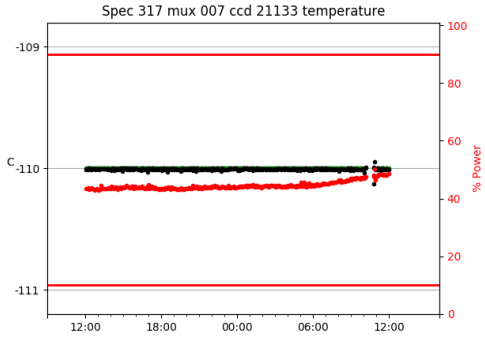
Spec 317 mux 007 ccd 21133 temperature
C
-109
-110
-111
% Power
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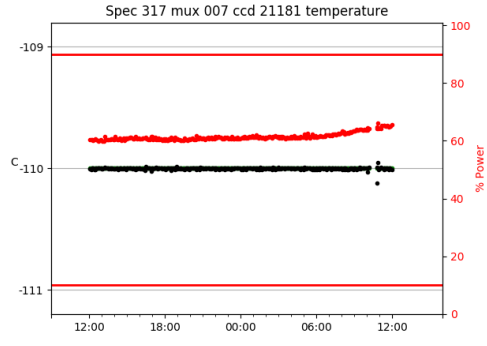
Spec 317 mux 007 ccd 21181 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
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12:00
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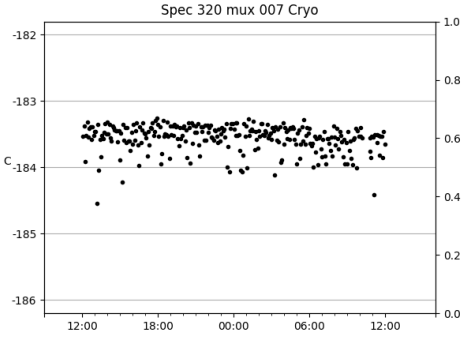
Spec 320 mux 007 Cryo
C
-182
-183
-184
-185
-186
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0.8
0.6
0.4
0.2
0.0
12:00
18:00
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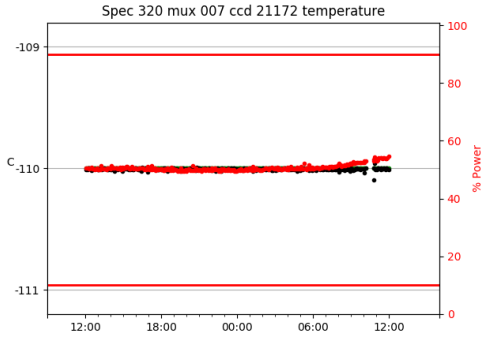
12:00


Spec 320 mux 007 ccd 21172 temperature
C
-109
-110
-111
% Power
100
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60
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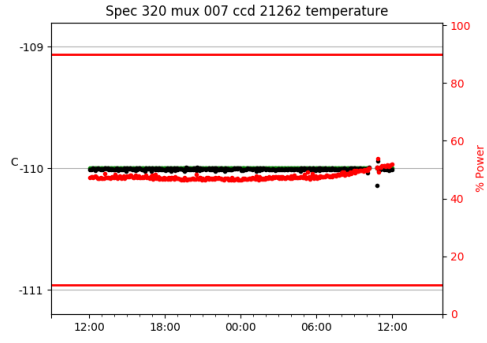
Spec 320 mux 007 ccd 21262 temperature
C
-109
-110
-111
% Power
100
80
60
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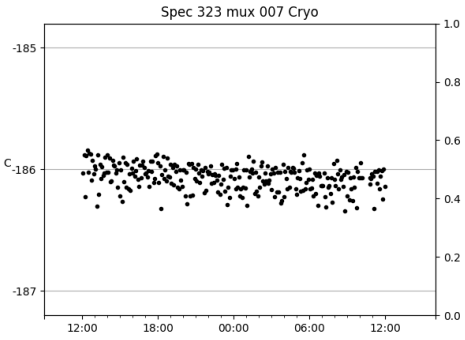
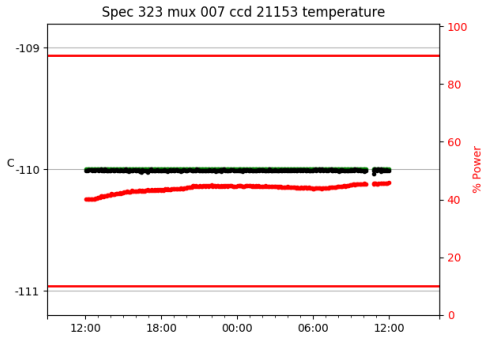

Spec 323 mux 007 Cryo
C
-185
-186
-187
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 323 mux 007 ccd 21153 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
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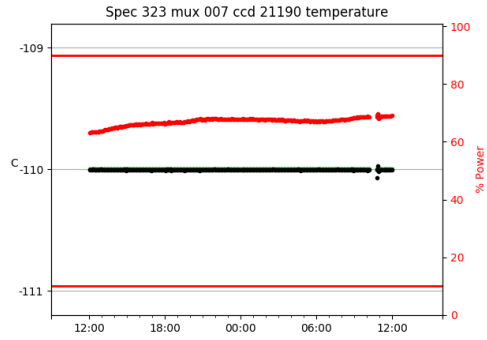
06:00
12:00


Spec 323 mux 007 ccd 21190 temperature
C
-109
-110
-111
% Power
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20
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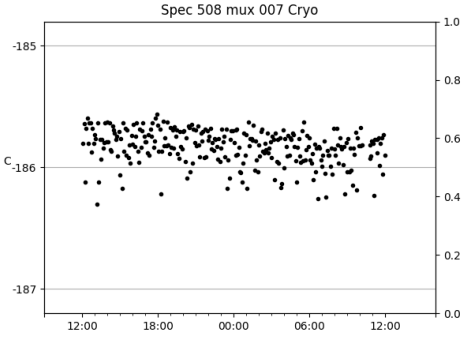
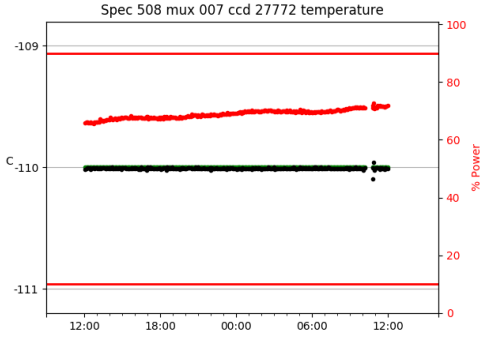

Spec 508 mux 007 Cryo
C
-185
-186
-187
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 508 mux 007 ccd 27772 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
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12:00
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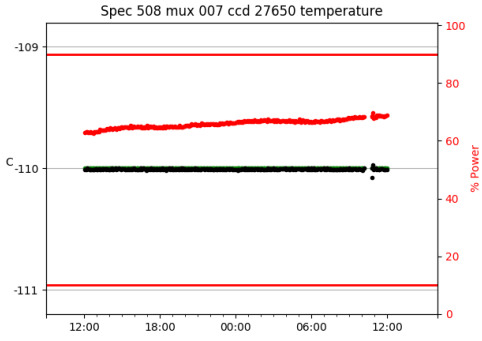
Spec 508 mux 007 ccd 27650 temperature
C
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-110
-111
% Power
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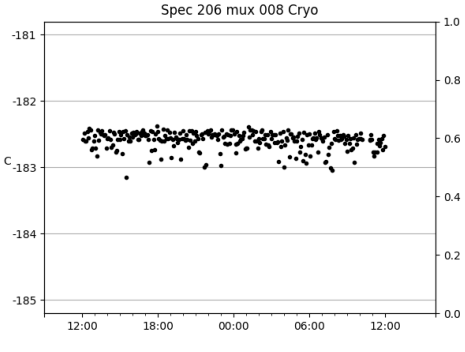
Spec 206 mux 008 Cryo
C
-181
-182
-183
-184
-185
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
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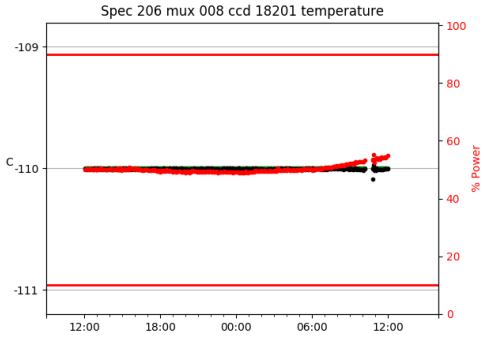
Spec 206 mux 008 ccd 18201 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
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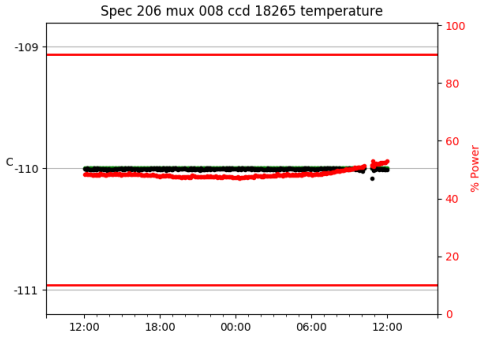
Spec 206 mux 008 ccd 18265 temperature
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-111
% Power
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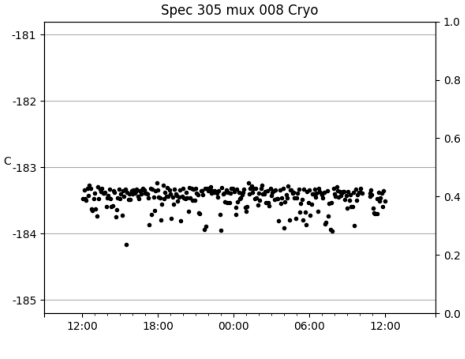
Spec 305 mux 008 Cryo
C
-181
-182
-183
-184
-185
1.0
0.8
0.6
0.4
0.2
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12:00
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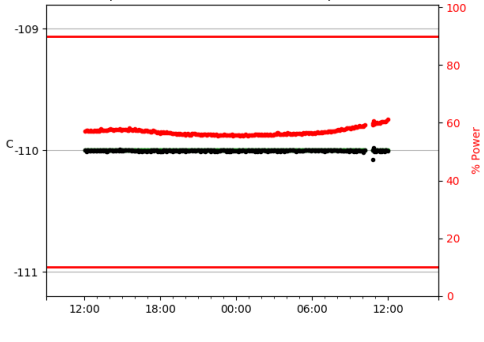
Spec 305 mux 008 ccd 21132 temperature
C
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-110
-111
% Power
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60
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20
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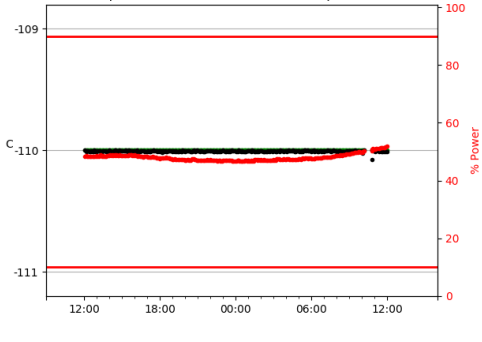
Spec 305 mux 008 ccd 21165 temperature
C
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-110
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% Power
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60
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20
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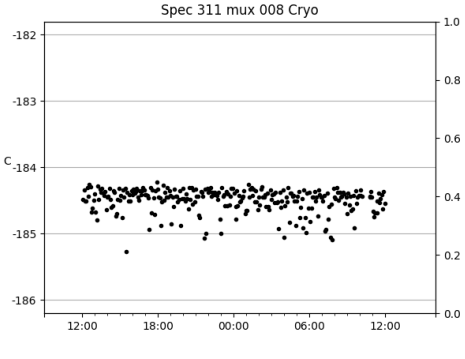
Spec 311 mux 008 Cryo
C
-182
-183
-184
-185
-186
1.0
0.8
0.6
0.4
0.2
0.0
12:00
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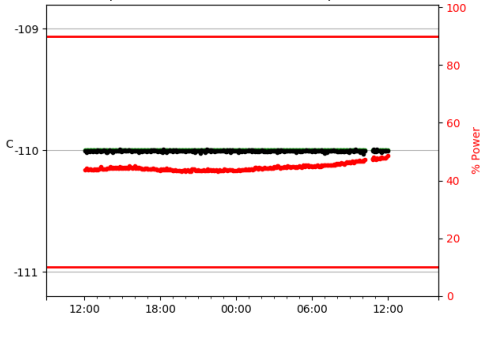
Spec 311 mux 008 ccd 21214 temperature
C
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% Power
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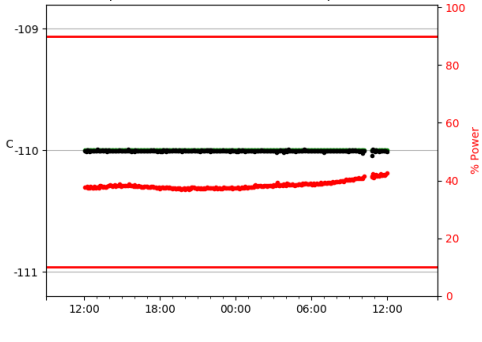
Spec 311 mux 008 ccd 21215 temperature
C
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-110
-111
% Power
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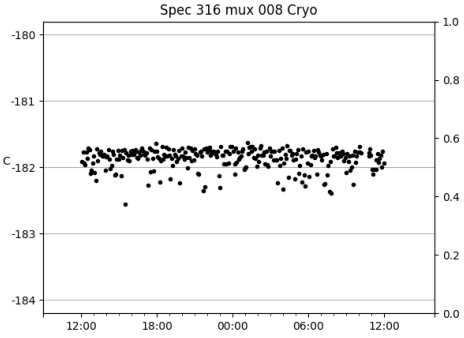
Spec 316 mux 008 Cryo
C
-180
-181
-182
-183
-184
1.0
0.8
0.6
0.4
0.2
0.0
12:00
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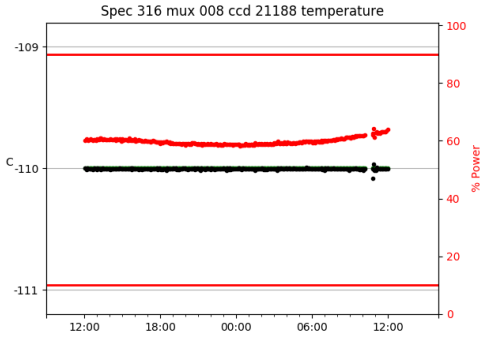
Spec 316 mux 008 ccd 21188 temperature
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% Power
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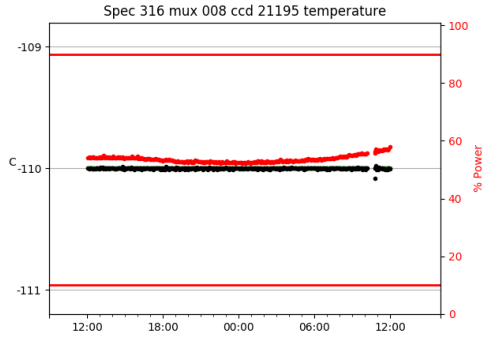
Spec 316 mux 008 ccd 21195 temperature
C
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-110
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% Power
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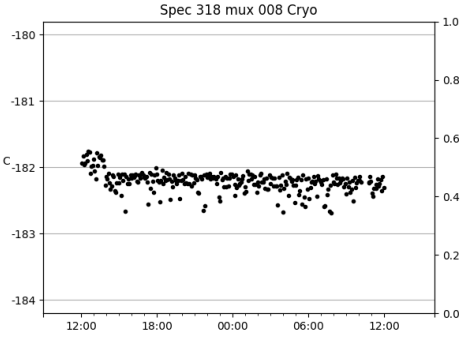
Spec 318 mux 008 Cryo
C
-180
-181
-182
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-184
1.0
0.8
0.6
0.4
0.2
0.0
12:00
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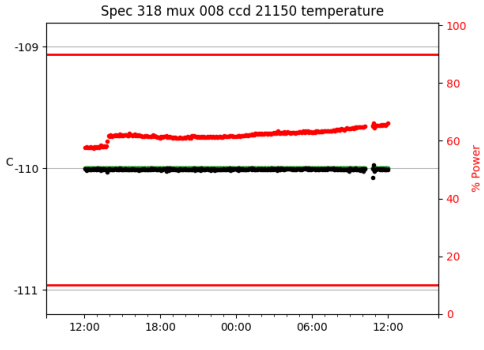
Spec 318 mux 008 ccd 21150 temperature
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% Power
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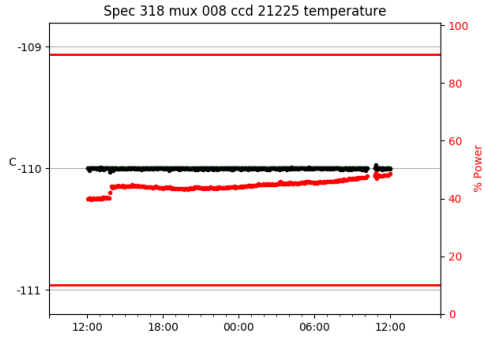
Spec 318 mux 008 ccd 21225 temperature
C
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% Power
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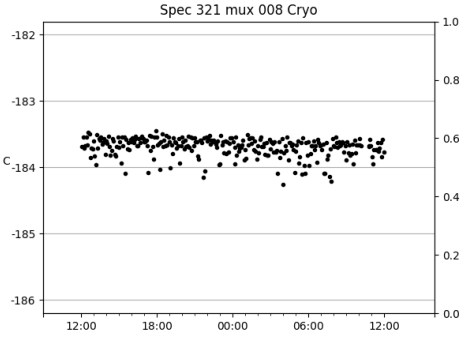
Spec 321 mux 008 Cryo
C
-182
-183
-184
-185
-186
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
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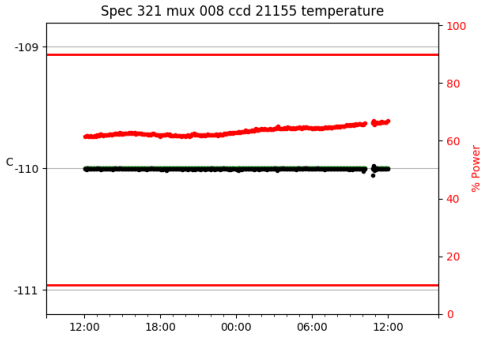
06:00
12:00


Spec 321 mux 008 ccd 21155 temperature
C
-109
-110
-111
% Power
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40
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12:00
18:00
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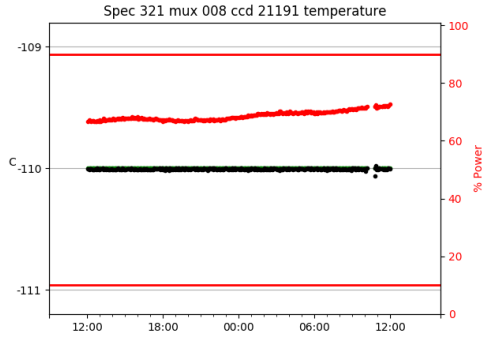
12:00


Spec 321 mux 008 ccd 21191 temperature
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-110
-111
% Power
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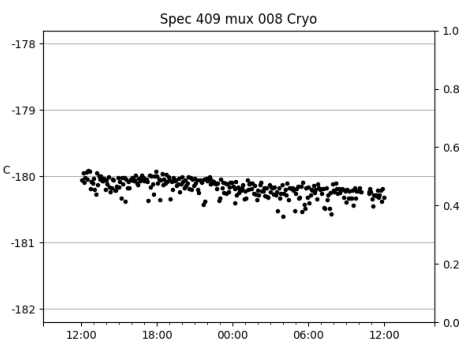
Spec 409 mux 008 Cryo
C
-178
-179
-180
-181
-182
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
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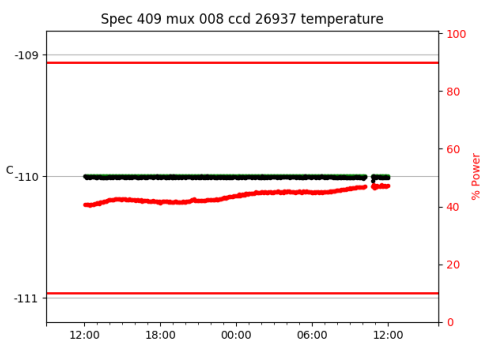
06:00
12:00


Spec 409 mux 008 ccd 26937 temperature
C
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-110
-111
% Power
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12:00
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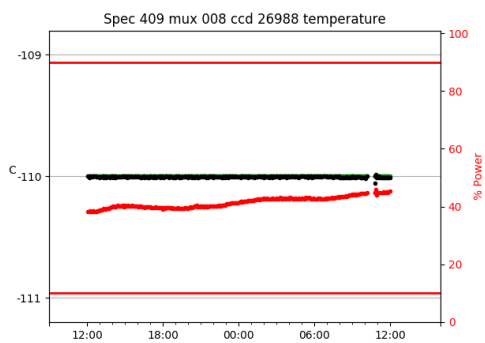
12:00


Spec 409 mux 008 ccd 26988 temperature
C
-109
-110
-111
% Power
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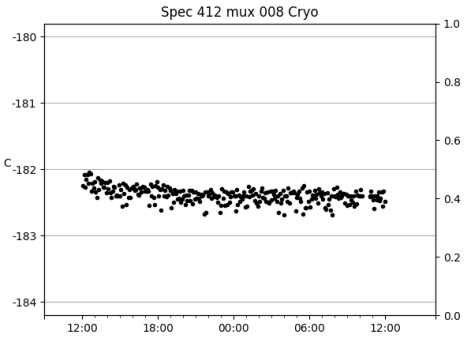
12:00


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
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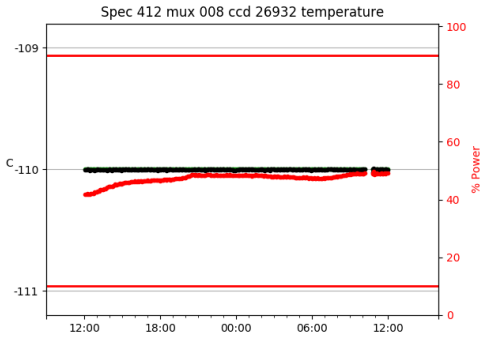
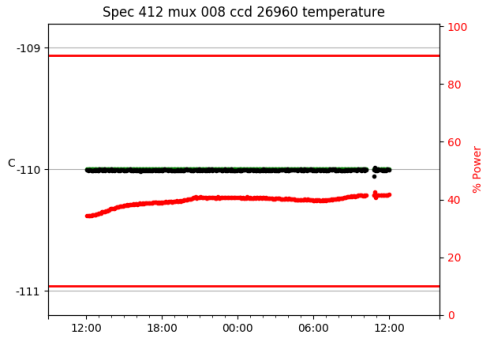
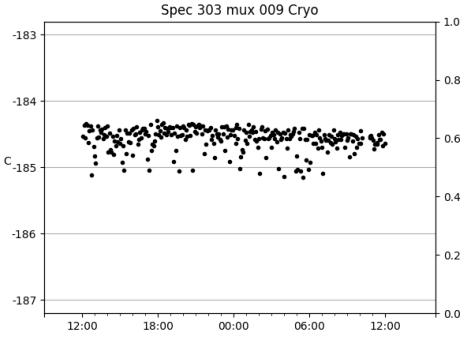
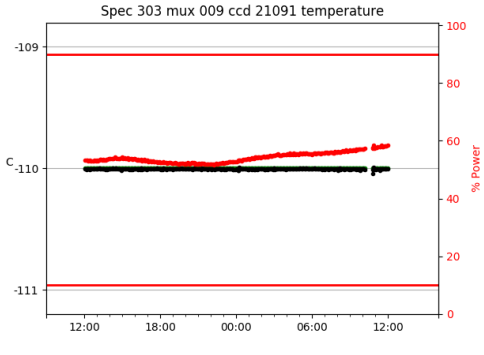
06:00
12:00


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


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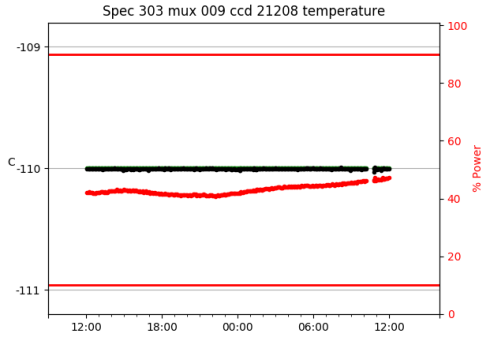
06:00
12:00


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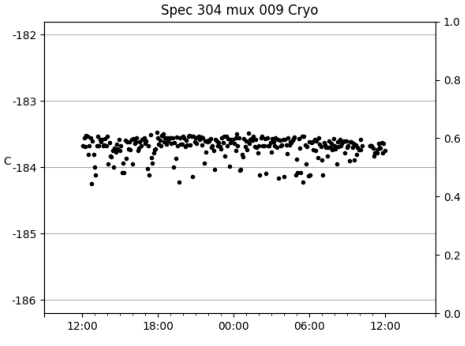
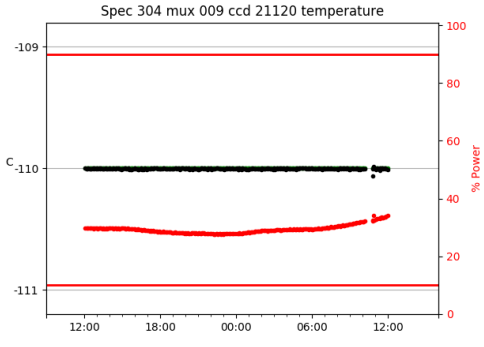
12:00
18:00
00:00
06:00
12:00


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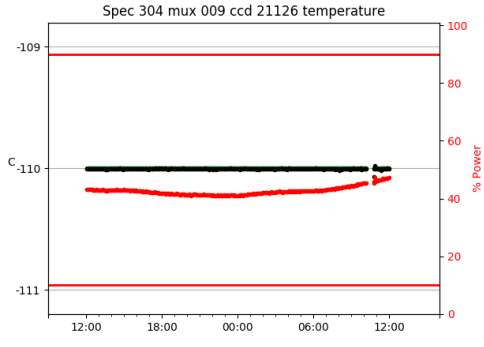
12:00
18:00
00:00
06:00
12:00


Spec 304 mux 009 ccd 21126 temperature
C
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-110
-111
% Power
100
80
60
40
20
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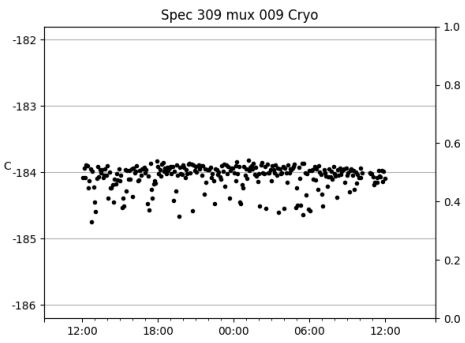
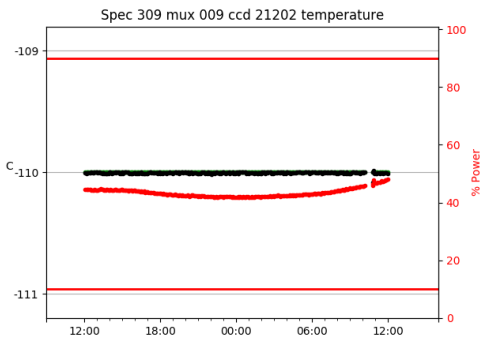
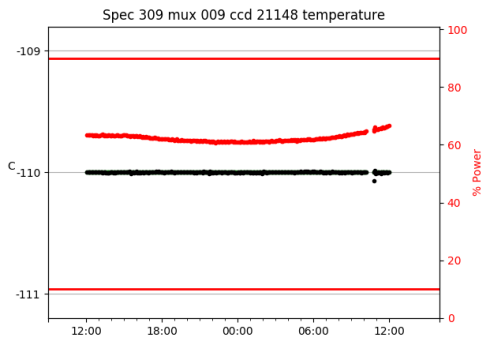
12:00
18:00
00:00
06:00
12:00


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
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


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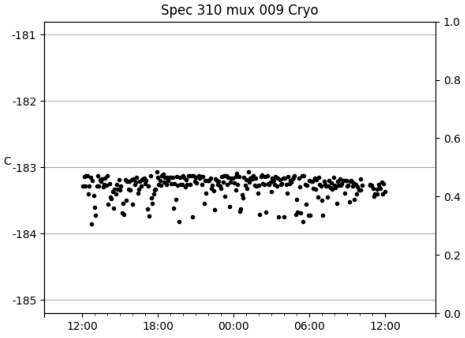
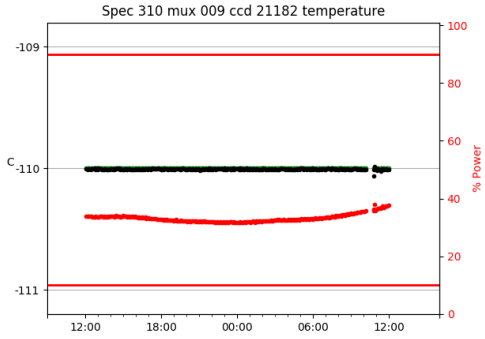
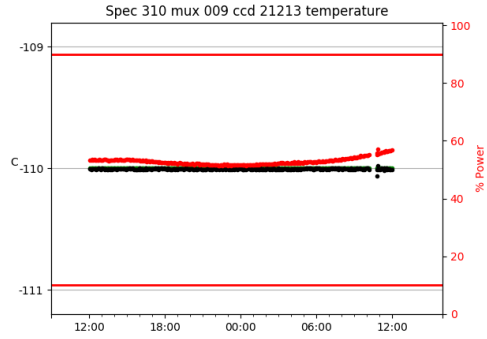
06:00
12:00


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
-109
-110
-111
% 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
-109
-110
-111
% Power
100
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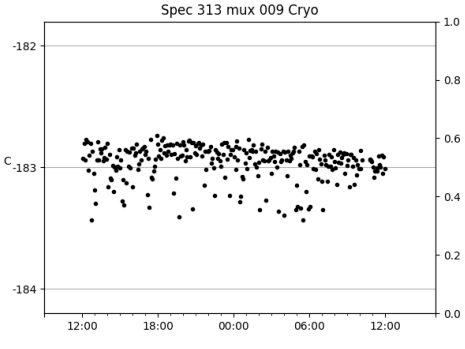
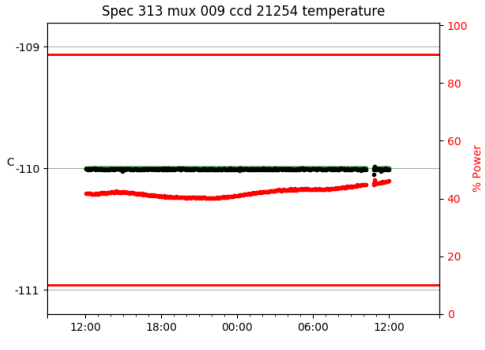
60
40
20
0
12:00
18:00
00:00
06:00
12:00


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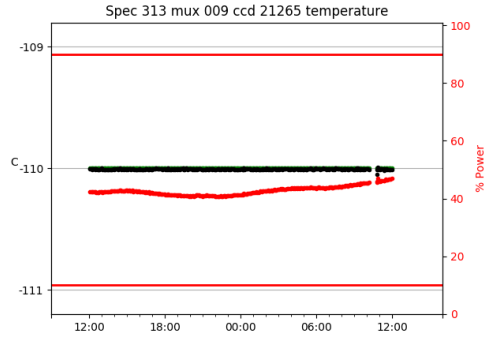
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 313 mux 009 ccd 21265 temperature
C
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-110
-111
% Power
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60
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20
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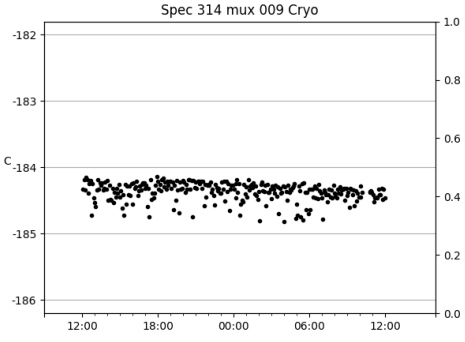
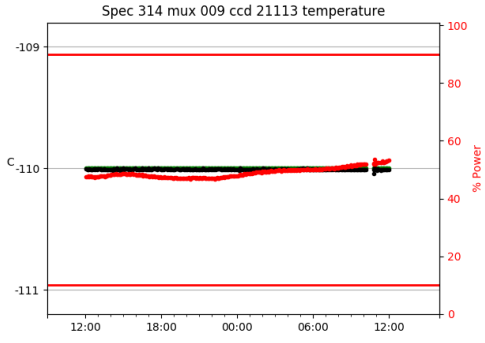
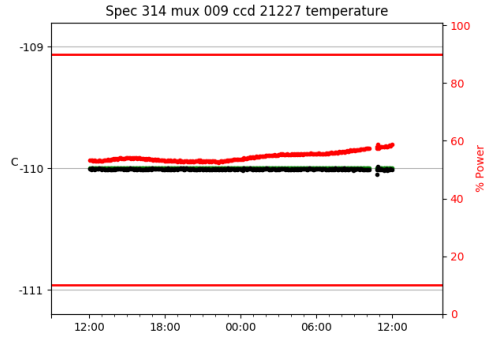
12:00
18:00
00:00
06:00
12:00


Spec 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
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 314 mux 009 ccd 21227 temperature
C
-109
-110
-111
% Power
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60
40
20
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12:00
18:00
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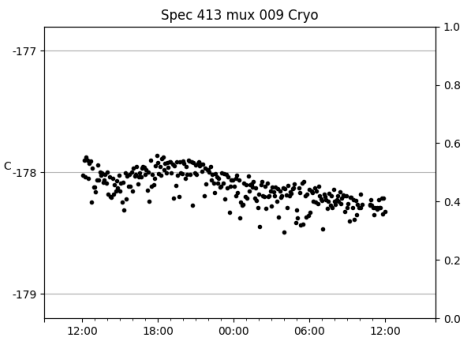
06:00
12:00


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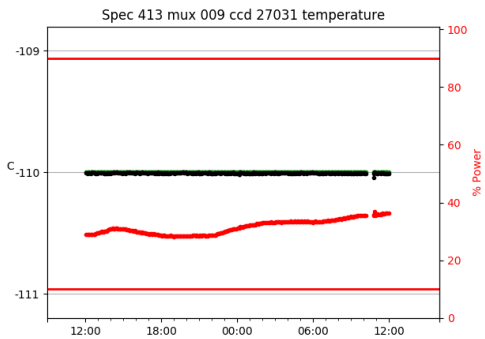
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


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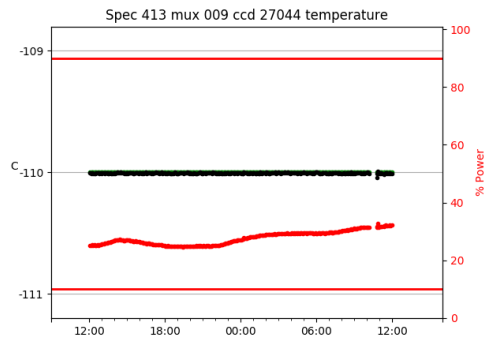
12:00


Spec 413 mux 009 ccd 27044 temperature
C
-109
-110
-111
% Power
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60
40
20
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12:00
18:00
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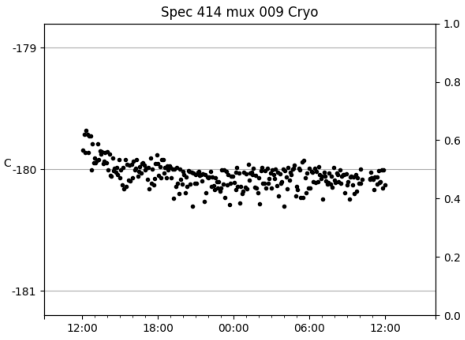
06:00
12:00


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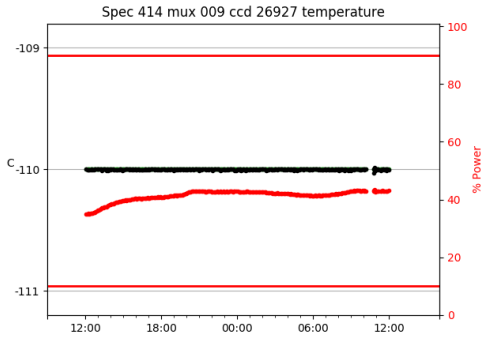
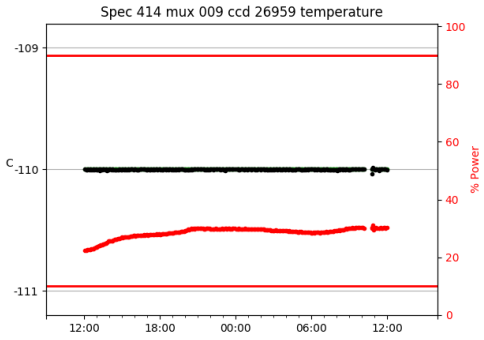
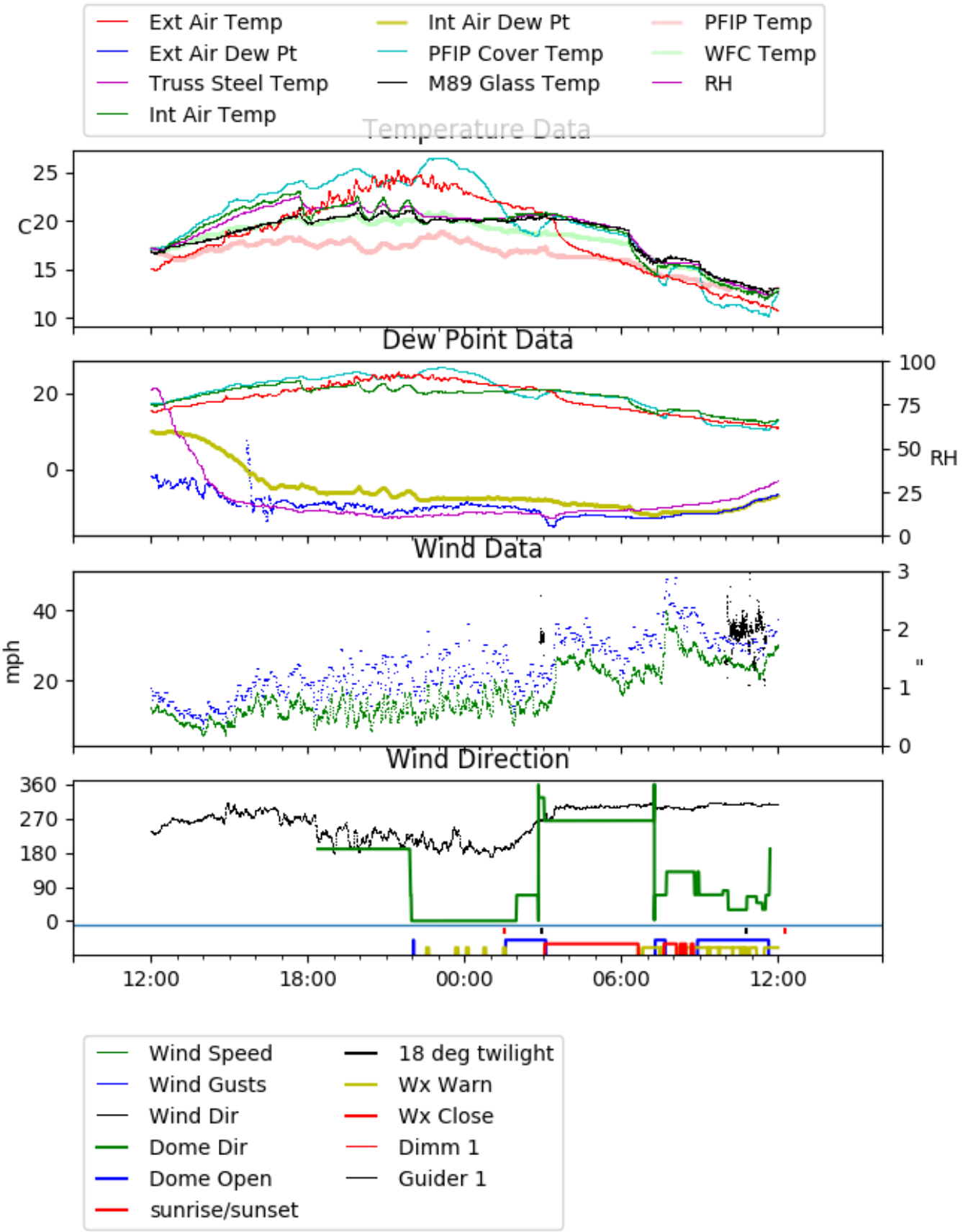
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

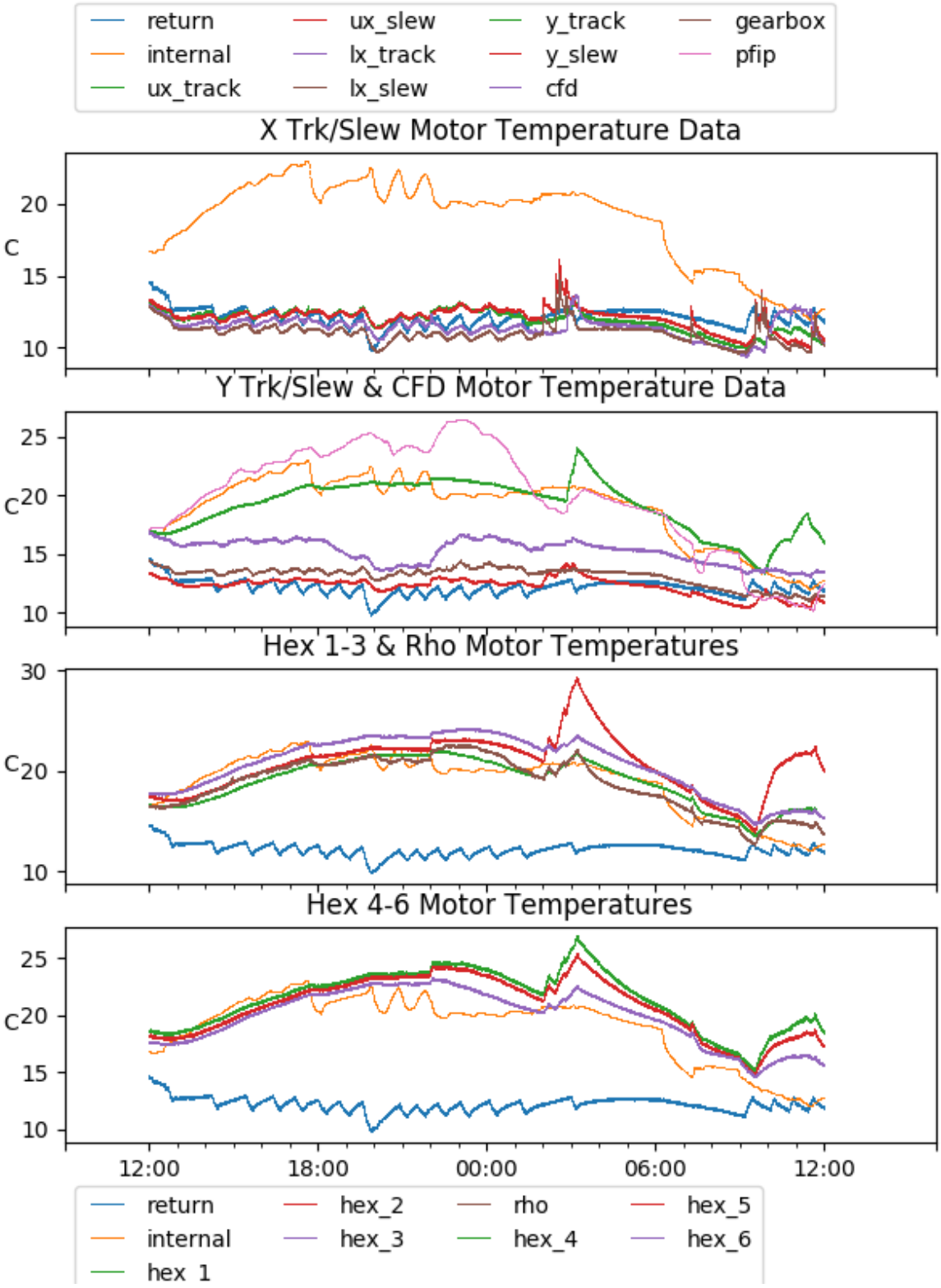

Spec 414 mux 009 ccd 26927 temperature
-109
-110
-111
C
100
80
60
40
20
0
% Power
12:00
18:00
00:00
06:00
12:00


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

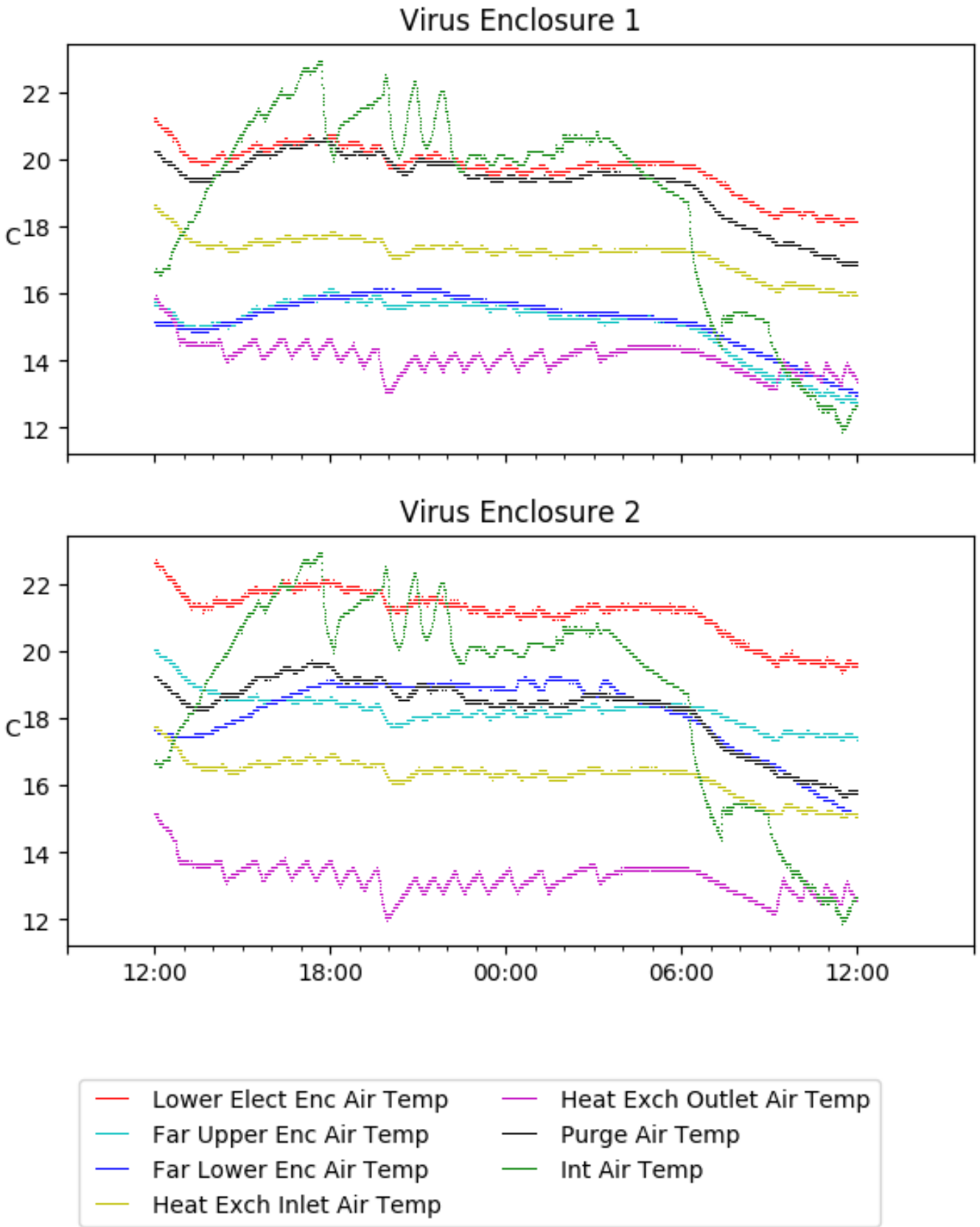
3 Weather


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
25
20
15
10
Dew Point Data
20
0
100
75
50
25
0
RH
Wind Data
mph
40
20
3
2
1
0
"
Wind Direction
360
270
180
90
0
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

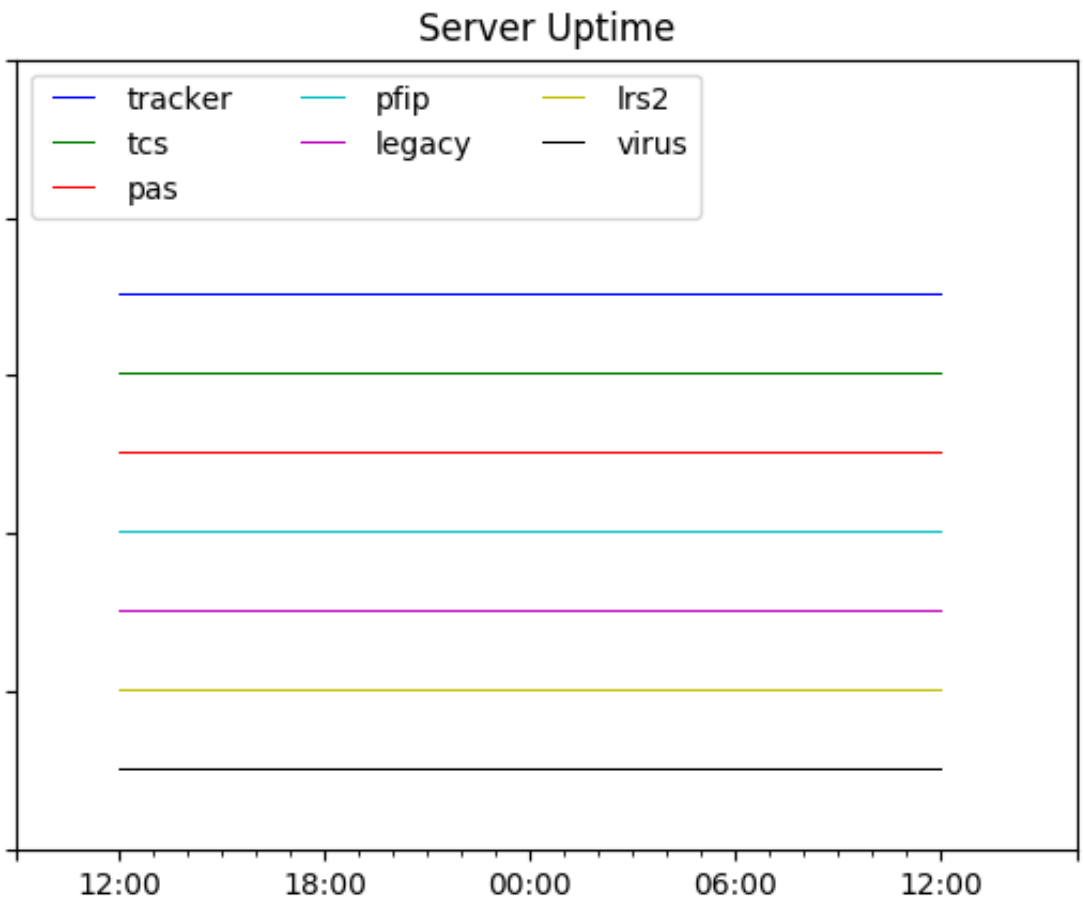
4 Tracker Engineering



5 Virus Enclosures



6 Server Up Time

Current server run times:

tracker uptime: 16:44:26 (hh:mm:ss)
tcs uptime: 16:47:19 (hh:mm:ss)
pas uptime: 16:49:29 (hh:mm:ss)
pfip uptime: 16:52:42 (hh:mm:ss)
legacy uptime: 16:57:27 (hh:mm:ss)
lrs2 uptime: 715:37:03 (hh:mm:ss)
virus uptime: 834:37:40 (hh:mm:ss)