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

2021-09-06 12:00:07 to 2021-09-07 12:00:01 UTC

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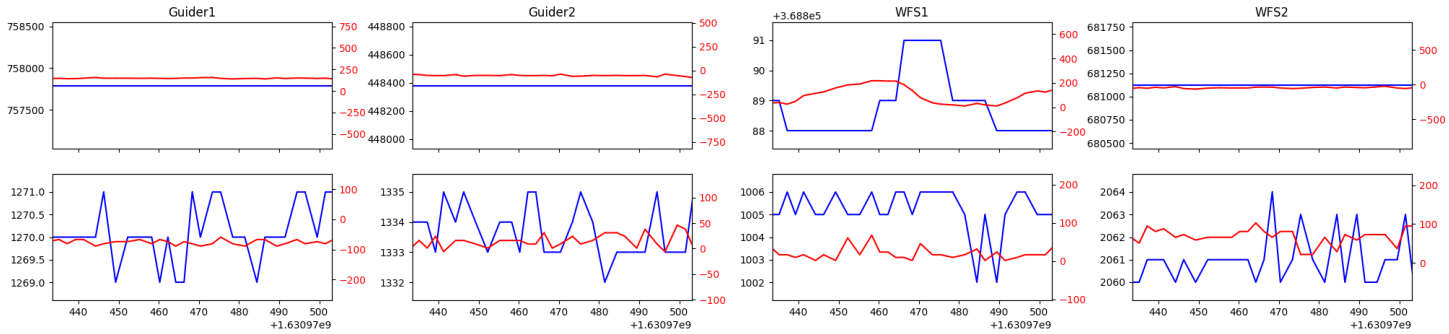
*This report has been automatically generated. Id: status_report.py 12338 2021-03-03 17:37:20Z fowler

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. Probe data are plotted from the gonext_time to the cancel_time or stop_time of the trajectory.

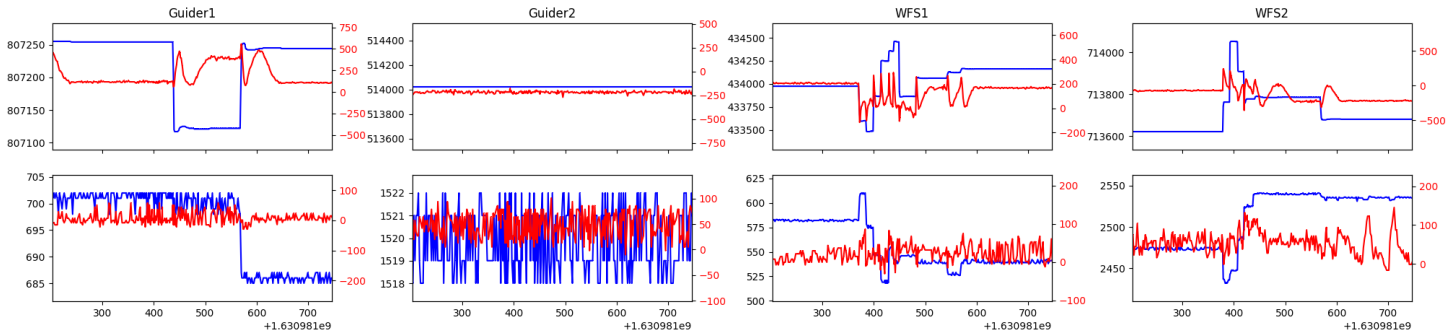
1.1 565

Trajectory 565 for desired Azimuth 65.453 was loaded at 23:19:08.42. The go_next command was sent at 23:19:10.412 and took 111.310 seconds to complete. The trajectory was cancelled at 23:21:43.14. The trajectory was stopped at 23:21:48.71 with the message "Reached end of track.".



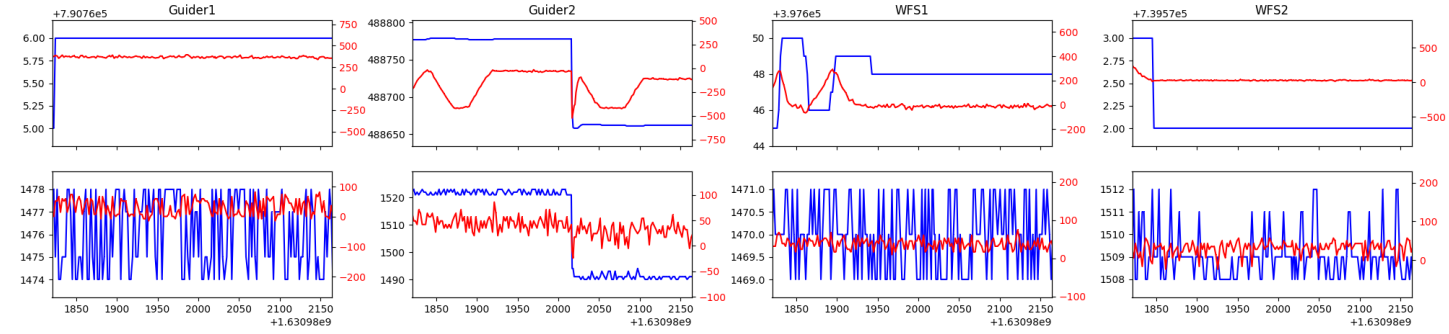
1.2 997

Trajectory 997 for desired Azimuth 0 was loaded at 02:18:18.36. The go_next command was sent at 02:18:23.604 and took 102.101 seconds to complete. The setup took 137.35 seconds at an actual azimuth of 0.007216 The trajectory was cancelled at 02:29:05.80. The trajectory was stopped at 02:29:12.06 with the message "Reached end of track.".



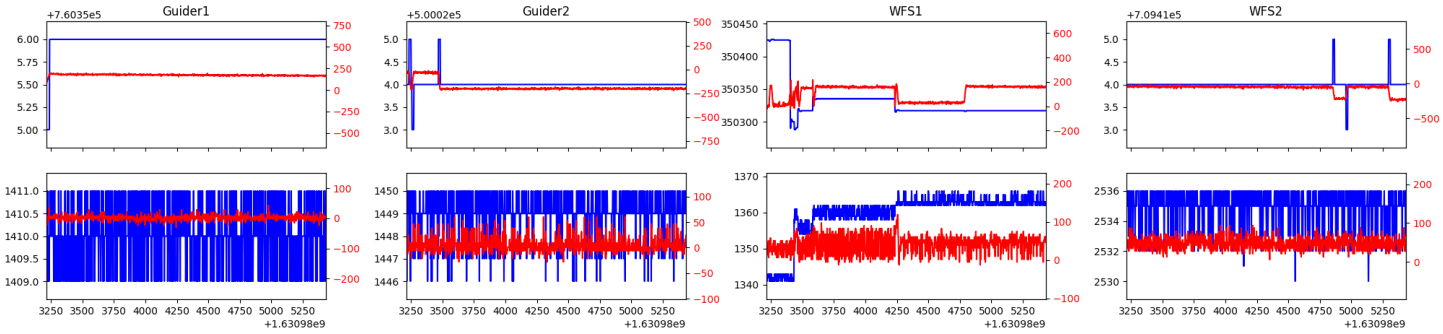
1.3 71

Trajectory 71 for desired Azimuth 65.839568 was loaded at 02:29:13.51. The go_next command was sent at 02:29:18.971 and took 101.814 seconds to complete. The trajectory was cancelled at 02:36:04.07. The trajectory was stopped at 02:36:09.80 with the message "Reached end of track.".



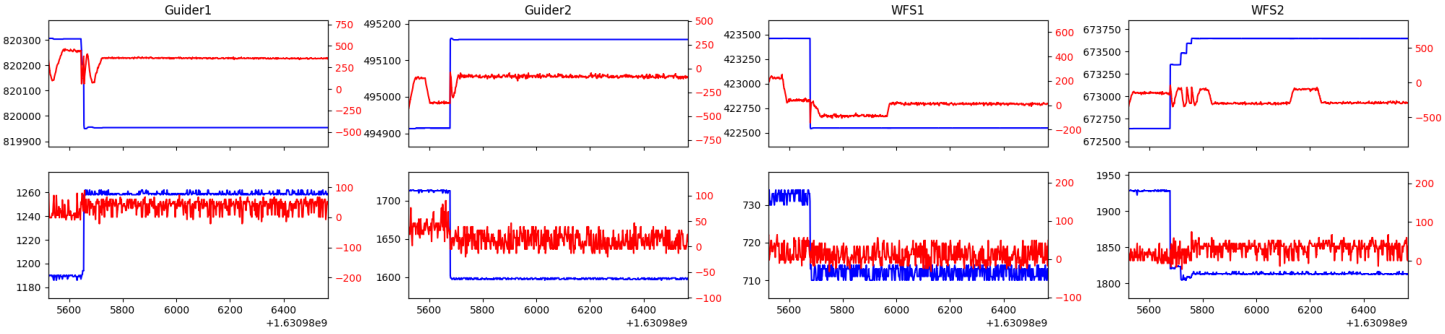
1.4 864

Trajectory 864 for desired Azimuth 336.36653 was loaded at 02:51:51.47. The go_next command was sent at 02:51:56.723 and took 114.128 seconds to complete. The setup took 129.30 seconds at an actual azimuth of 336.367653 The trajectory was cancelled at 03:30:33.16. The trajectory was stopped at 03:30:39.09 with the message "Reached end of track.".



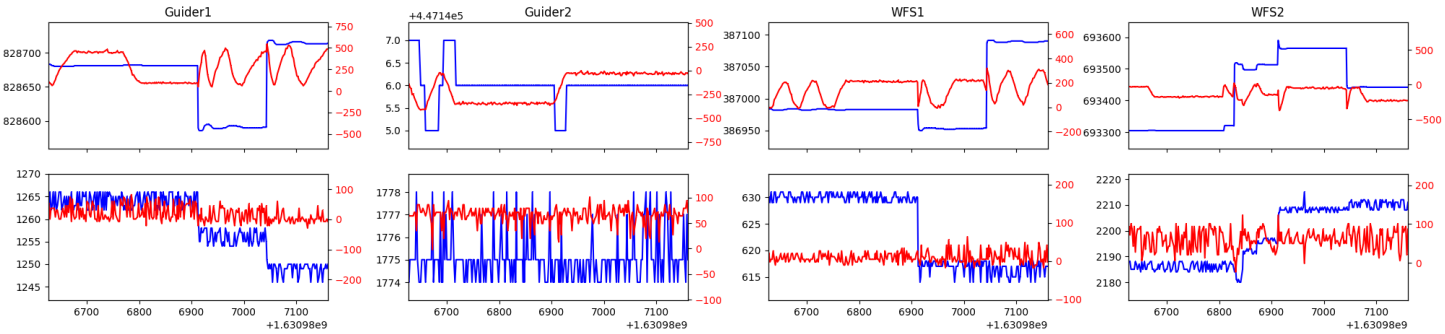
1.5 280

Trajectory 280 for desired Azimuth 55.102484 was loaded at 03:30:40.71. The go_next command was sent at 03:30:45.950 and took 106.763 seconds to complete. The setup took 144.60 seconds at an actual azimuth of 55.106502 The trajectory was cancelled at 03:49:24.99. The trajectory was stopped at 03:49:30.56 with the message "Reached end of track.".



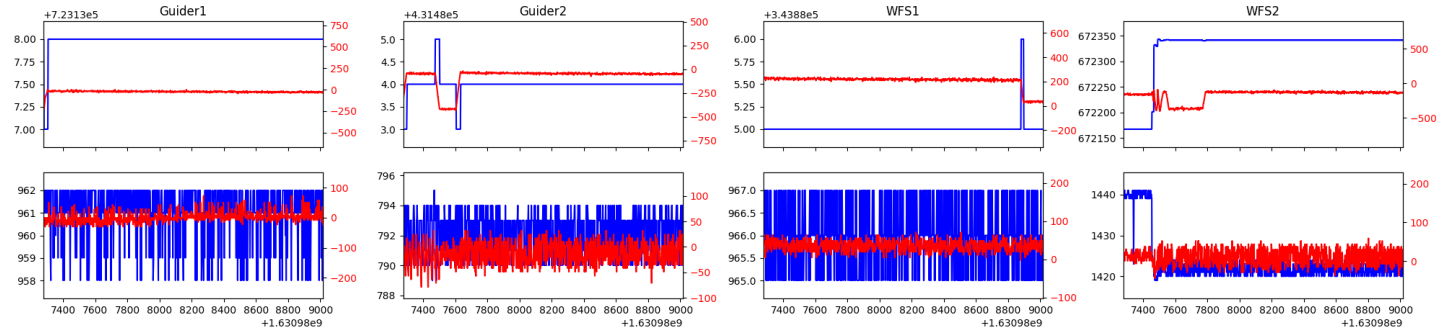
1.6 469

Trajectory 469 for desired Azimuth 337.387652 was loaded at 03:49:32.30. The go_next command was sent at 03:49:37.555 and took 107.246 seconds to complete. The setup took 110.89 seconds at an actual azimuth of 337.391712 The trajectory was cancelled at 03:59:20.53. The trajectory was stopped at 03:59:26.52 with the message "Reached end of track.".



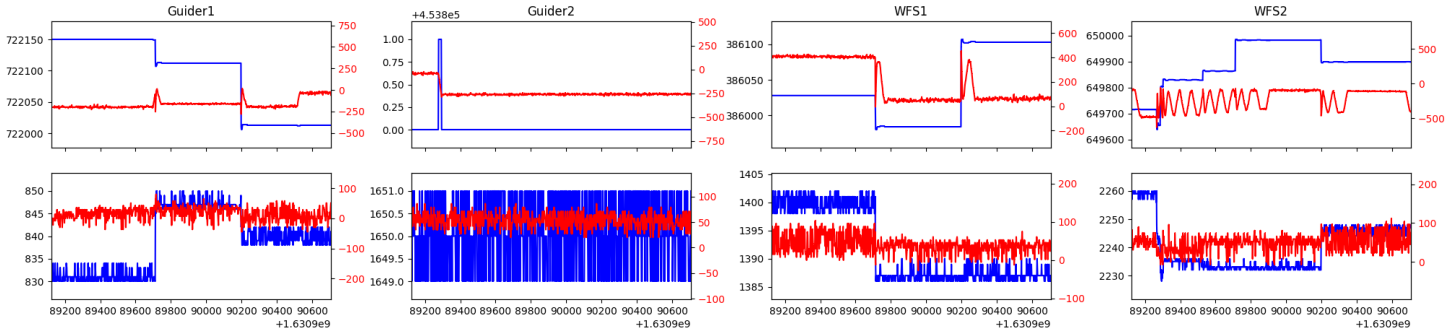
1.7 493

Trajectory 493 for desired Azimuth 105.113127 was loaded at 03:59:27.91. The go_next command was sent at 03:59:33.157 and took 142.910 seconds to complete. The setup took 125.12 seconds at an actual azimuth of 105.115007 The trajectory was cancelled at 04:30:15.87. The trajectory was stopped at 04:30:20.82 with the message "Reached end of track.".



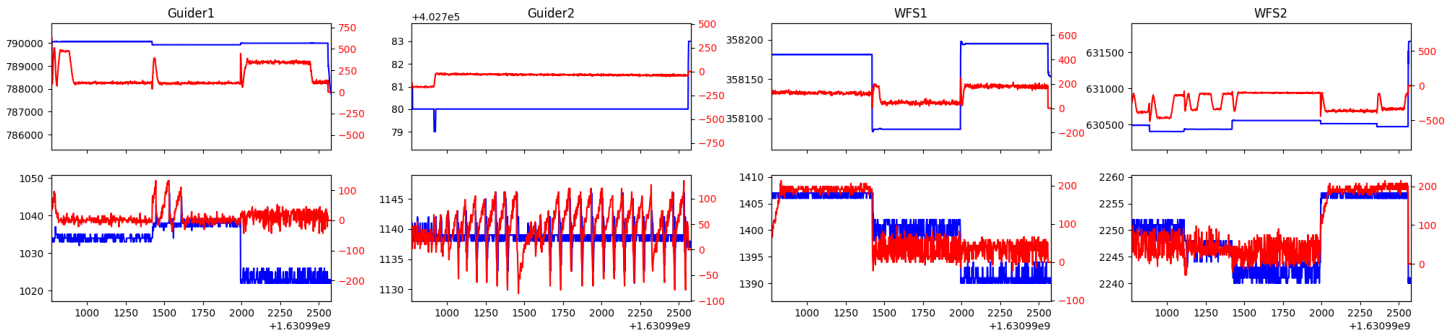
1.8 971

Trajectory 971 for desired Azimuth 147.0063 was loaded at 04:30:21.16. The go_next command was sent at 04:30:23.150 and took 98.604 seconds to complete. The setup took 130.16 seconds at an actual azimuth of 147.009466 The trajectory was cancelled at 04:58:27.78. The trajectory was stopped at 04:58:33.60 with the message "Reached end of track.".



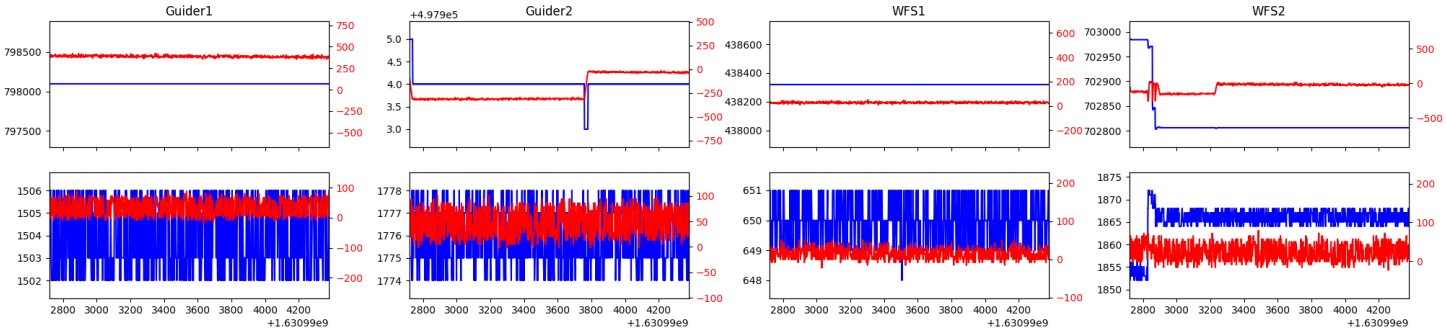
1.9 450

Trajectory 450 for desired Azimuth 85.229533 was loaded at 04:58:35.03. The go_next command was sent at 04:58:40.279 and took 94.696 seconds to complete. The setup took 69.14 seconds at an actual azimuth of 85.232607 The trajectory was cancelled at 05:29:37.24. The trajectory was stopped at 05:29:42.76 with the message "Reached end of track.".



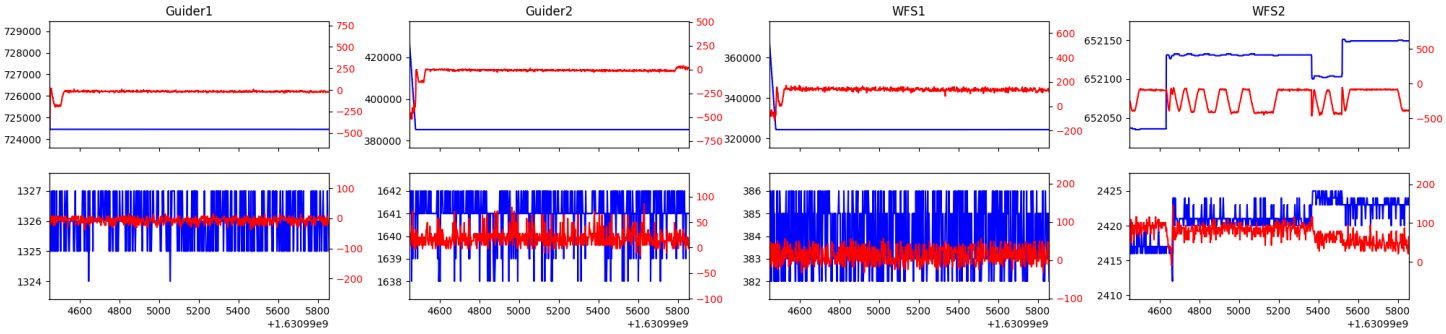
1.10 570

Trajectory 570 for desired Azimuth 88.662445 was loaded at 05:29:44.20. The go_next command was sent at 05:29:49.446 and took 128.534 seconds to complete. The setup took 95.52 seconds at an actual azimuth of 88.665254 The trajectory was cancelled at 05:59:39.29. The trajectory was stopped at 05:59:45.06 with the message "Reached end of track.".



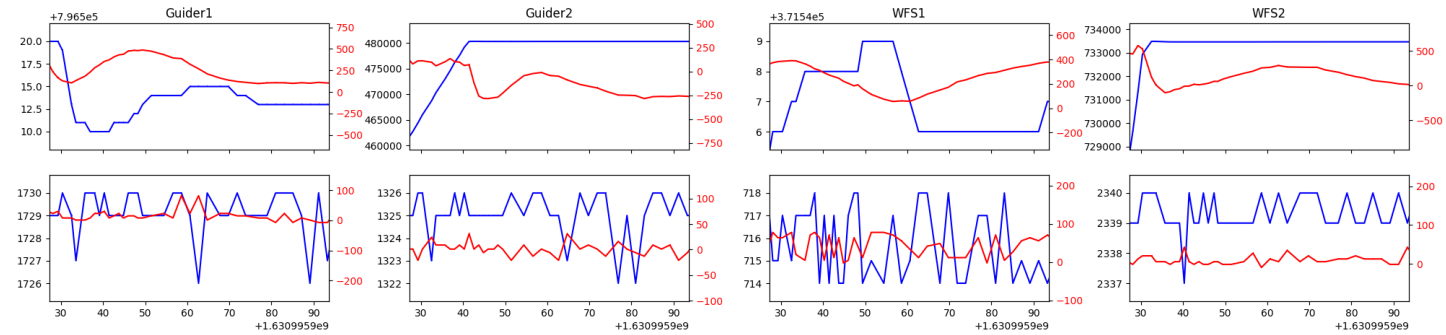
1.11 545

Trajectory 545 for desired Azimuth 294.377818 was loaded at 05:59:46.54. The go_next command was sent at 05:59:51.785 and took 167.015 seconds to complete. The setup took 68.74 seconds at an actual azimuth of 294.380861 The trajectory was cancelled at 06:24:16.36. The trajectory was stopped at 06:24:22.05 with the message "Reached end of track.".



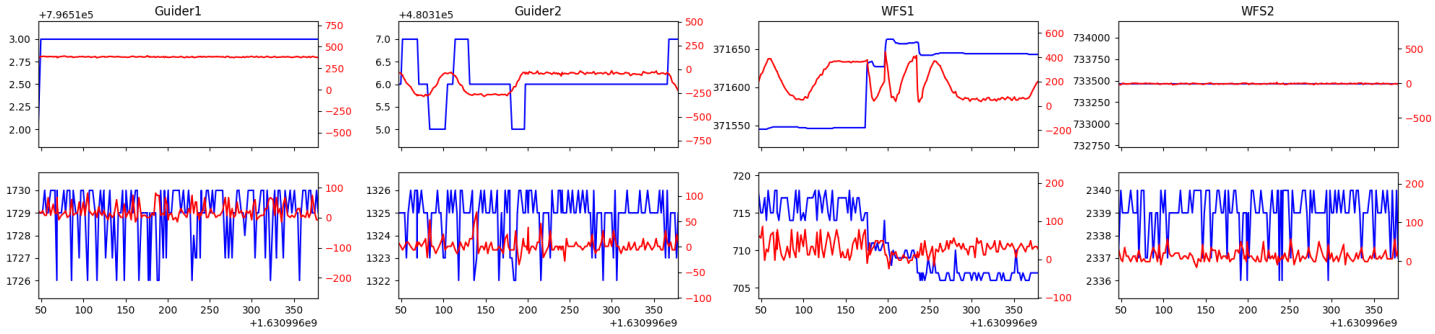
1.12 256

Trajectory 256 for desired Azimuth 298.127024 was loaded at 06:24:23.53. The go_next command was sent at 06:24:28.775 and took 79.485 seconds to complete. The trajectory was cancelled at 06:26:33.63. The trajectory was stopped at 06:26:39.60 with the message "Reached end of track.".



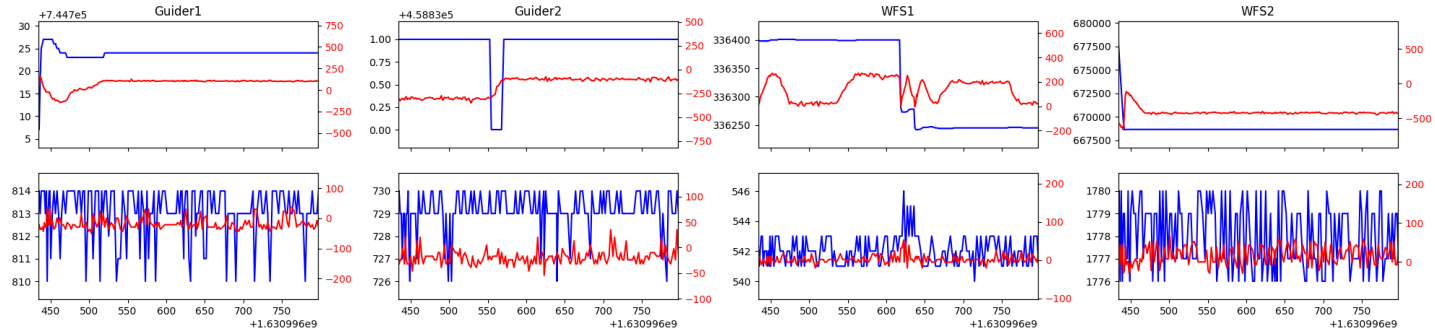
1.13 222

Trajectory 222 for desired Azimuth 298.127024 was loaded at 06:26:41.13. The go_next command was sent at 06:26:46.391 and took 40.222 seconds to complete. The setup took 122.32 seconds at an actual azimuth of 298.129284 The trajectory was cancelled at 06:32:58.61. The trajectory was stopped at 06:33:04.75 with the message "Reached end of track.".



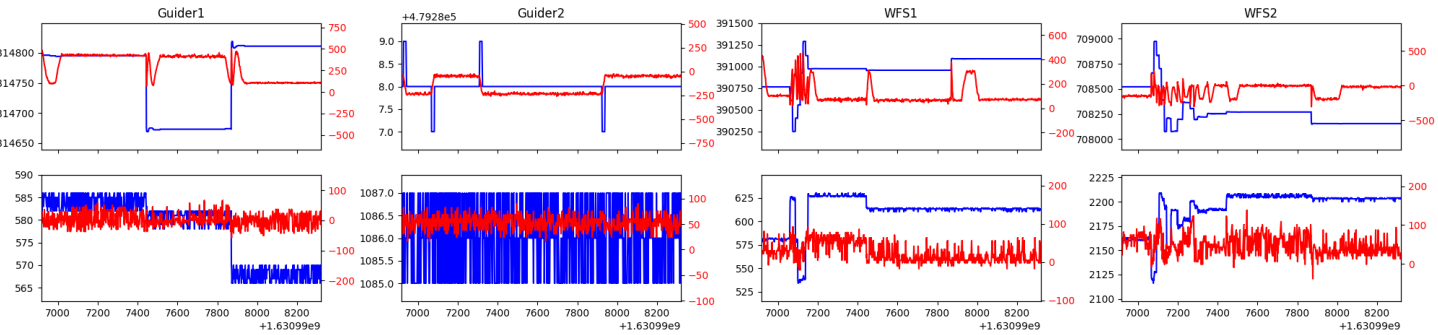
1.14 210

Trajectory 210 for desired Azimuth 299.147508 was loaded at 06:33:06.23. The go_next command was sent at 06:33:11.479 and took 76.732 seconds to complete. The setup took 141.61 seconds at an actual azimuth of 299.145744 The trajectory was cancelled at 06:39:56.31. The trajectory was stopped at 06:40:01.90 with the message "Reached end of track.".



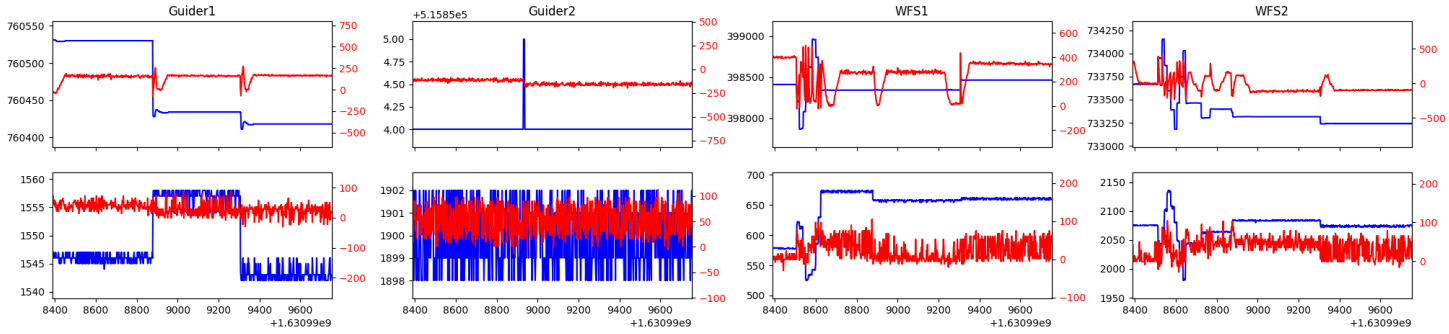
1.15 726

Trajectory 726 for desired Azimuth 140.8343 was loaded at 06:40:02.24. The go_next command was sent at 06:40:03.480 and took 167.710 seconds to complete. The setup took 71.78 seconds at an actual azimuth of 140.839852 The trajectory was cancelled at 07:05:19.51. The trajectory was stopped at 07:05:25.32 with the message "Reached end of track.".



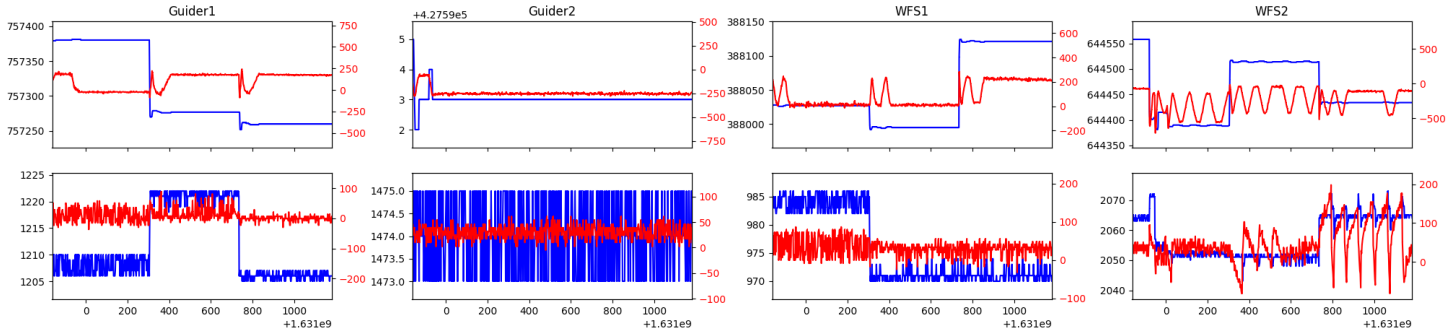
1.16 128

Trajectory 128 for desired Azimuth 140.8399 was loaded at 07:05:25.63. The go_next command was sent at 07:05:26.959 and took 59.540 seconds to complete. The setup took 91.60 seconds at an actual azimuth of 140.839852 The trajectory was cancelled at 07:29:14.87. The trajectory was stopped at 07:29:20.24 with the message "Reached end of track.".



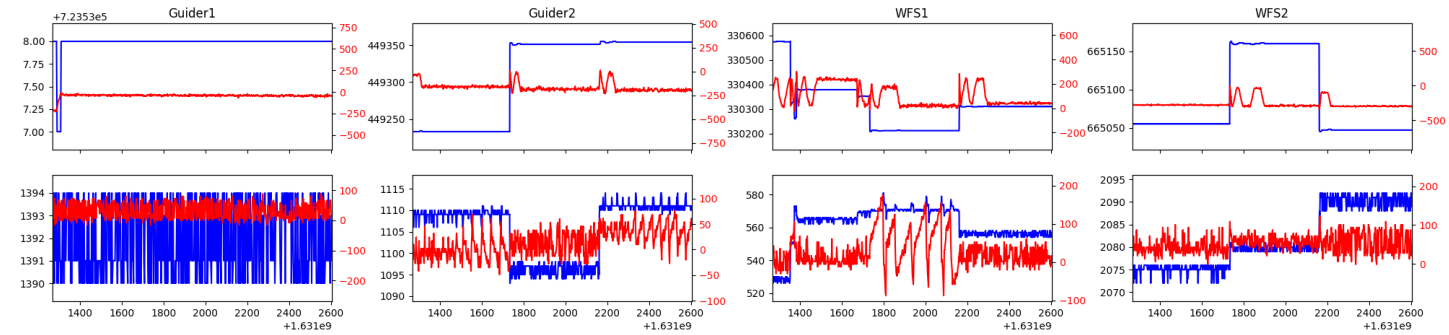
1.17 978

Trajectory 978 for desired Azimuth 140.8399 was loaded at 07:29:20.55. The go_next command was sent at 07:29:21.815 and took 77.849 seconds to complete. The setup took 67.17 seconds at an actual azimuth of 140.839852 The trajectory was cancelled at 07:53:01.68. The trajectory was stopped at 07:53:07.66 with the message "Reached end of track.".



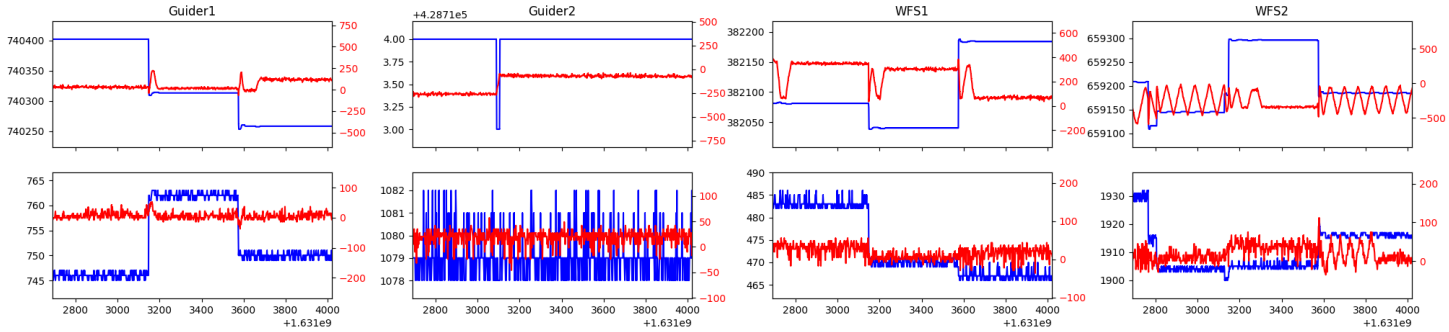
1.18 812

Trajectory 812 for desired Azimuth 140.8399 was loaded at 07:53:08.00. The go_next command was sent at 07:53:09.033 and took 77.337 seconds to complete. The setup took 65.34 seconds at an actual azimuth of 140.839852 The trajectory was cancelled at 08:16:44.72. The trajectory was stopped at 08:16:50.23 with the message "Reached end of track.".



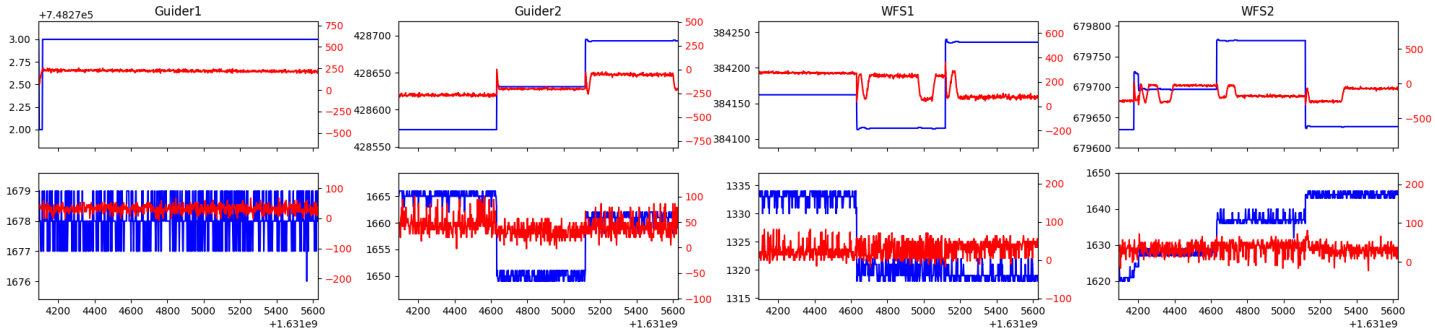
1.19 671

Trajectory 671 for desired Azimuth 140.8399 was loaded at 08:16:50.57. The go_next command was sent at 08:16:51.910 and took 77.416 seconds to complete. The setup took 58.94 seconds at an actual azimuth of 140.839852 The trajectory was cancelled at 08:40:19.91. The trajectory was stopped at 08:40:24.90 with the message "Reached end of track.".



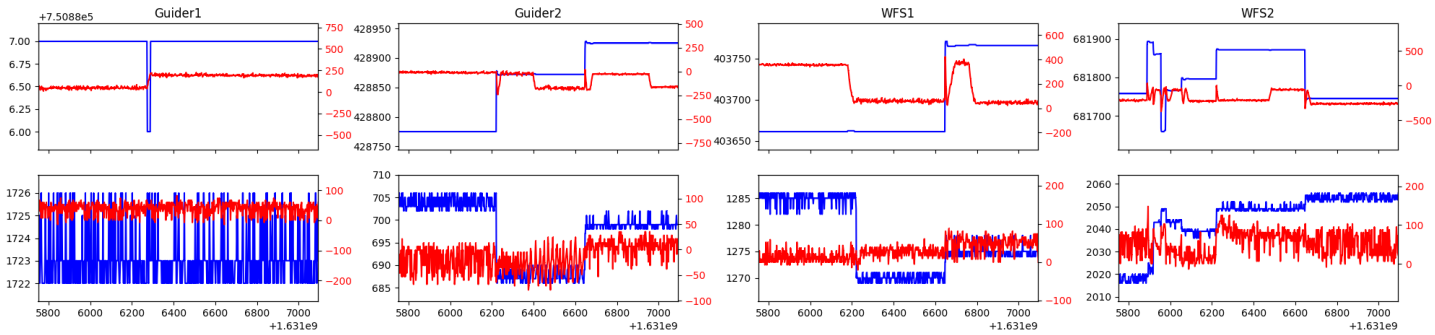
1.20 664

Trajectory 664 for desired Azimuth 140.8399 was loaded at 08:40:25.21. The go_next command was sent at 08:40:26.568 and took 64.120 seconds to complete. The setup took 81.39 seconds at an actual azimuth of 140.839852 The trajectory was cancelled at 09:07:07.30. The trajectory was stopped at 09:07:12.94 with the message "Reached end of track.".



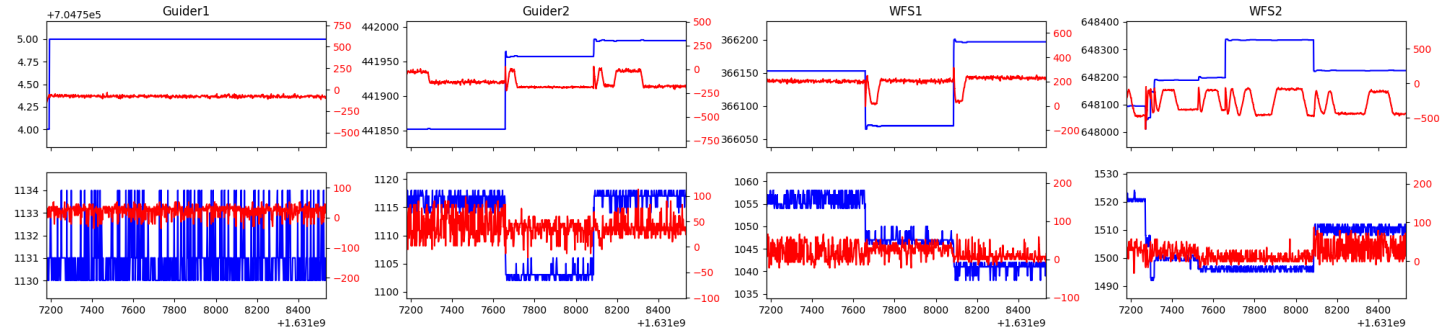
1.21 760

Trajectory 760 for desired Azimuth 207.3324 was loaded at 09:07:13.25. The go_next command was sent at 09:07:14.562 and took 115.695 seconds to complete. The setup took 69.74 seconds at an actual azimuth of 207.336365 The trajectory was cancelled at 09:31:32.65. The trajectory was stopped at 09:31:38.05 with the message "Reached end of track.".



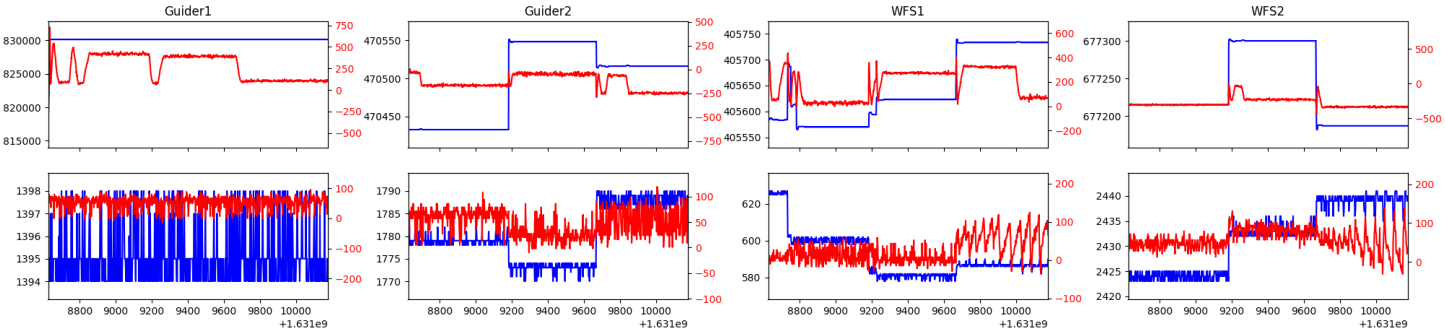
1.22 939

Trajectory 939 for desired Azimuth 207.3366 was loaded at 09:31:38.38. The go_next command was sent at 09:31:39.633 and took 77.998 seconds to complete. The setup took 80.91 seconds at an actual azimuth of 207.336564 The trajectory was cancelled at 09:55:32.98. The trajectory was stopped at 09:55:39.05 with the message "Reached end of track.".



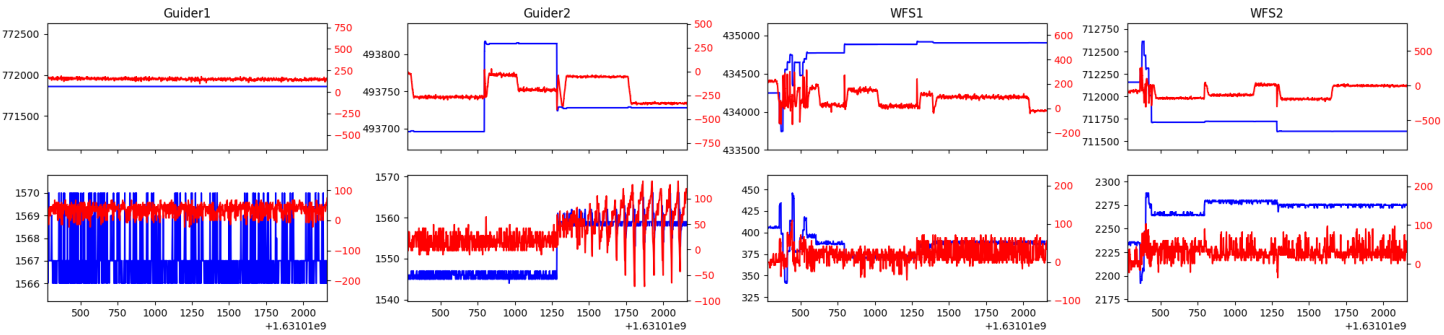
1.23 973

Trajectory 973 for desired Azimuth 207.3366 was loaded at 09:55:39.36. The go_next command was sent at 09:55:40.669 and took 103.996 seconds to complete. The setup took 76.36 seconds at an actual azimuth of 207.336564 The trajectory was cancelled at 10:22:57.13. The trajectory was stopped at 10:23:02.54 with the message "Reached end of track.".



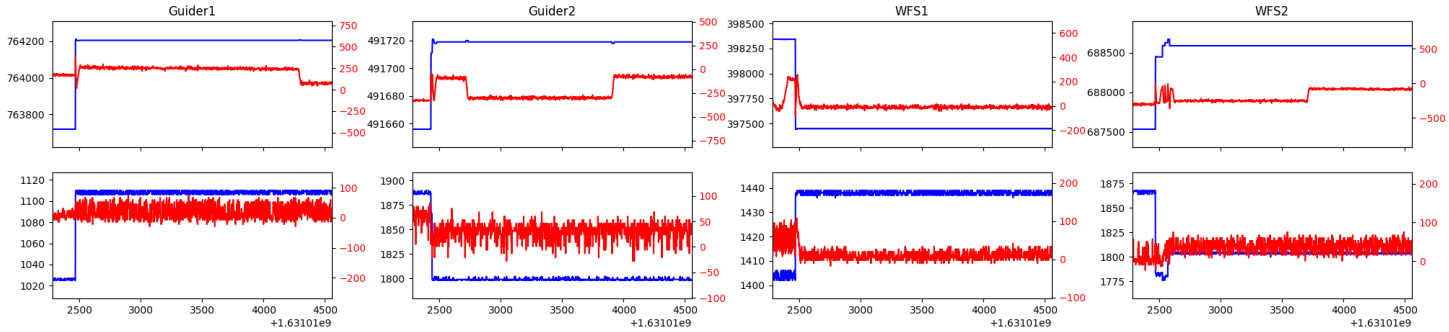
1.24 999

Trajectory 999 for desired Azimuth 207.3366 was loaded at 10:23:02.88. The go_next command was sent at 10:23:04.105 and took 89.608 seconds to complete. The setup took 60.68 seconds at an actual azimuth of 207.336564 The trajectory was cancelled at 10:55:59.70. The trajectory was stopped at 10:56:06.03 with the message "Reached end of track.".



1.25 644

Trajectory 644 for desired Azimuth 114.221276 was loaded at 10:56:07.43. The go_next command was sent at 10:56:12.682 and took 167.950 seconds to complete. The setup took 140.59 seconds at an actual azimuth of 114.225425 The trajectory was cancelled at 11:35:56.65. The trajectory was stopped at 11:36:02.75 with the message "Reached end of track.".


Guider1
Guider2
WFS1
WFS2
+1.63101e9

2 Spectrographs

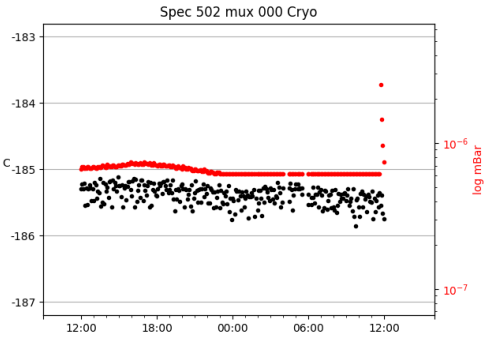
2.1 Legend

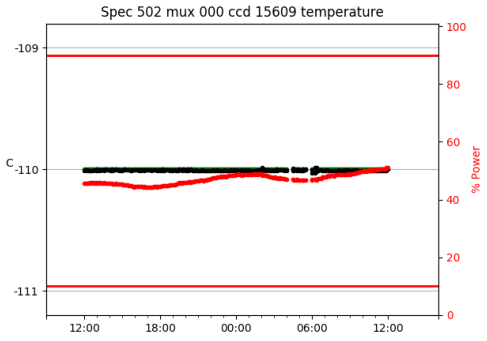
For the Spectrograph Cryo plots the Black point are the cryo temperature reading and the Red points are the cryo pressure in Torr on a log scale with the scale on the right hand vertical axis.

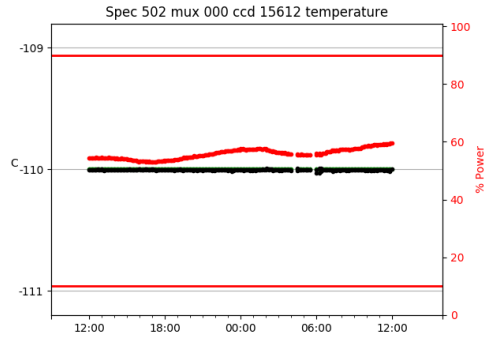
For all Spectrograph Temperature plots, the Black points are the ccd temperature reading, the Green points are the ccd set point, and the Red points are the percentage heater power with the scale on the right hand vertical axis. The two straight Red lines are the 5% and 95% power levels for the heater.

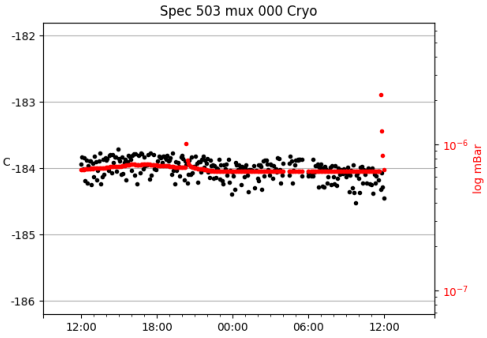
2.2 lrs2

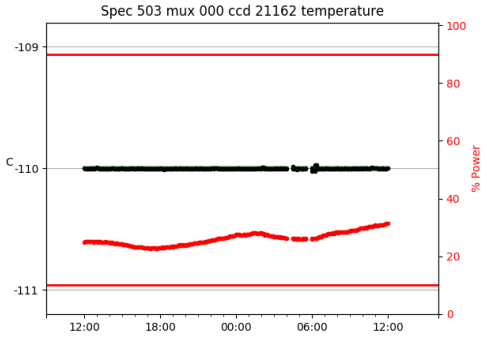
lrs2 uptime: 1279:49:49 (hh:mm:ss)

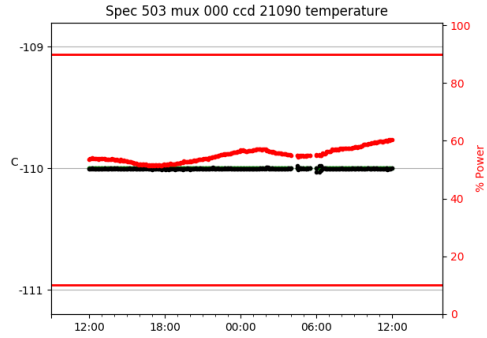






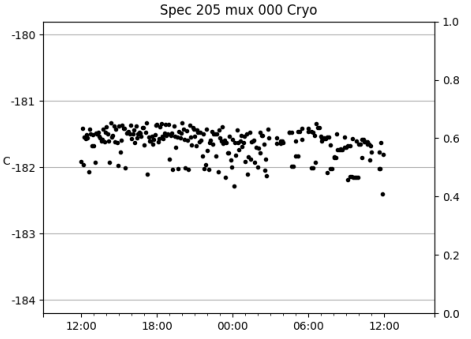


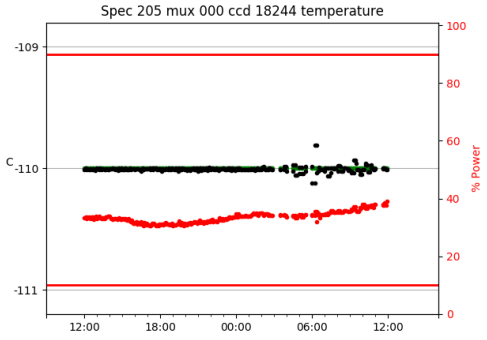


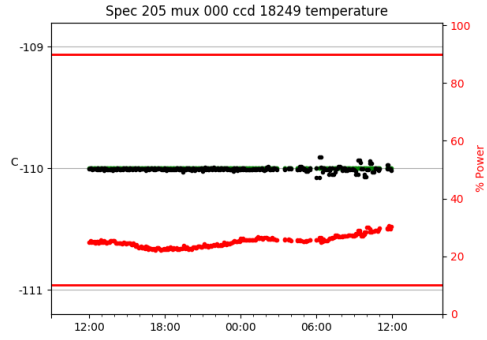


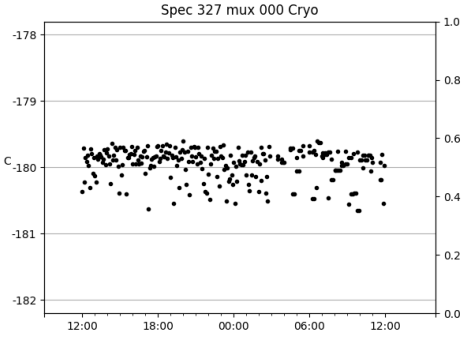
2.3 virus

virus uptime: 95:55:58 (hh:mm:ss)








Spec 327 mux 000 Cryo
C
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-179
-180
-181
-182
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0.6
0.4
0.2
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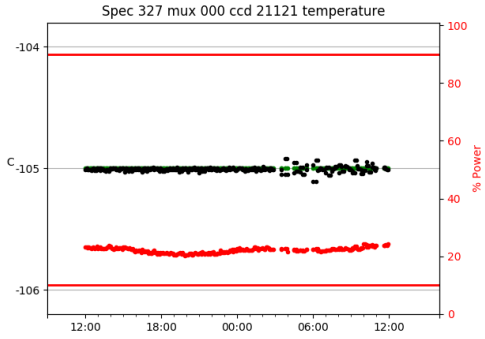
Spec 327 mux 000 ccd 21121 temperature
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% Power
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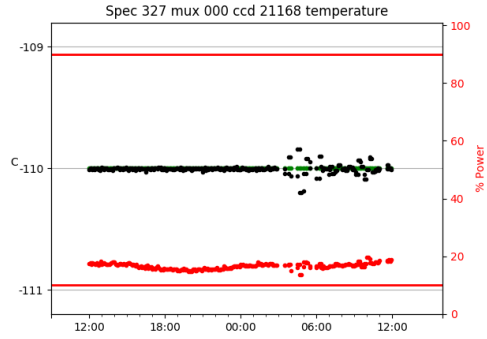
Spec 327 mux 000 ccd 21168 temperature
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% Power
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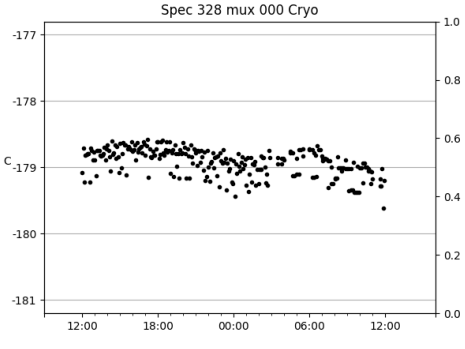
Spec 328 mux 000 Cryo
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-180
-181
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0.4
0.2
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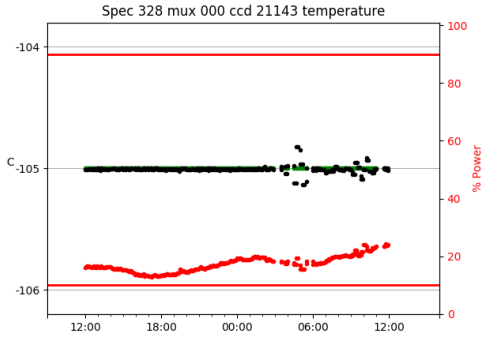
Spec 328 mux 000 ccd 21143 temperature
C
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-105
-106
% Power
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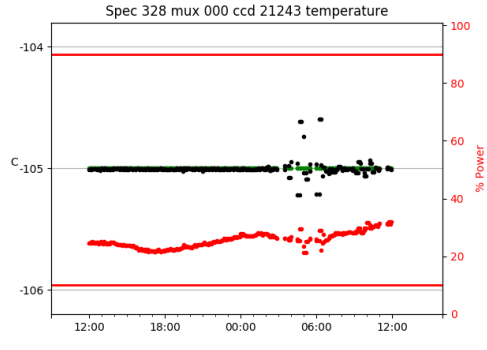
Spec 328 mux 000 ccd 21243 temperature
C
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% Power
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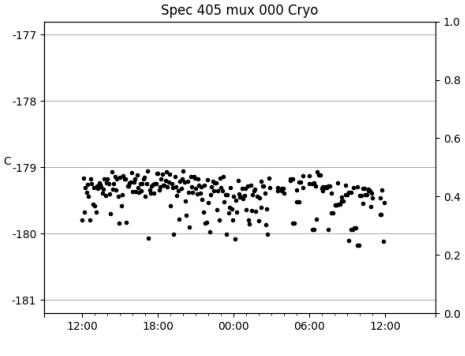
Spec 405 mux 000 Cryo
C
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-178
-179
-180
-181
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0.2
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12:00
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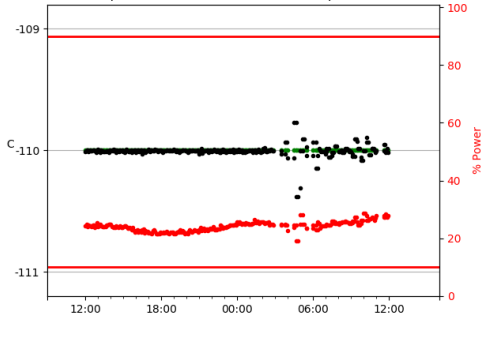
Spec 405 mux 000 ccd 26948 temperature
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-111
% Power
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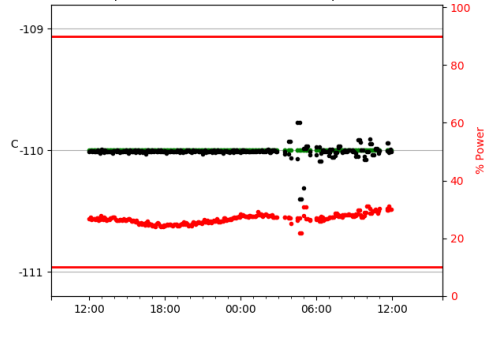
Spec 405 mux 000 ccd 26907 temperature
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% Power
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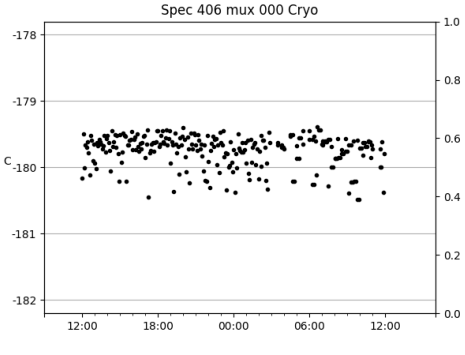
Spec 406 mux 000 Cryo
C
-178
-179
-180
-181
-182
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0.8
0.6
0.4
0.2
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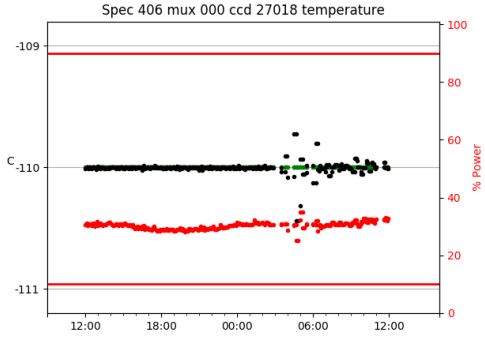
Spec 406 mux 000 ccd 27018 temperature
C
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-110
-111
% Power
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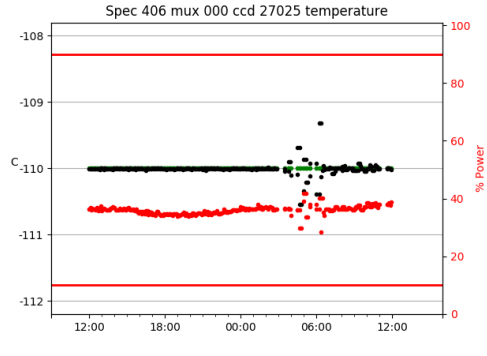
Spec 406 mux 000 ccd 27025 temperature
C
-108
-109
-110
-111
-112
% Power
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60
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18:00
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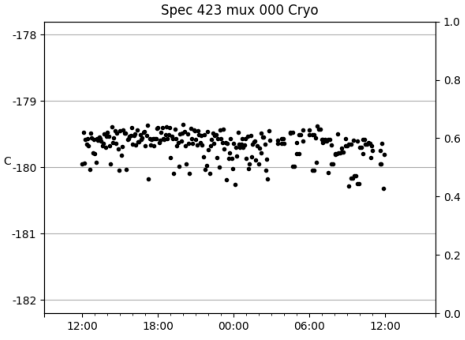
Spec 423 mux 000 Cryo
C
-178
-179
-180
-181
-182
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
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06:00
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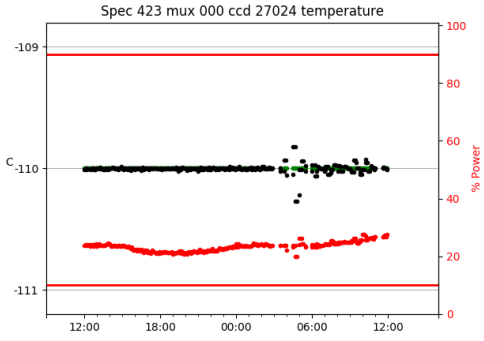
Spec 423 mux 000 ccd 27024 temperature
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-110
-111
% Power
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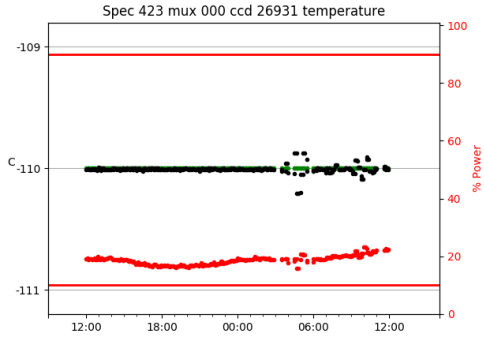
Spec 423 mux 000 ccd 26931 temperature
C
-109
-110
-111
% Power
100
80
60
40
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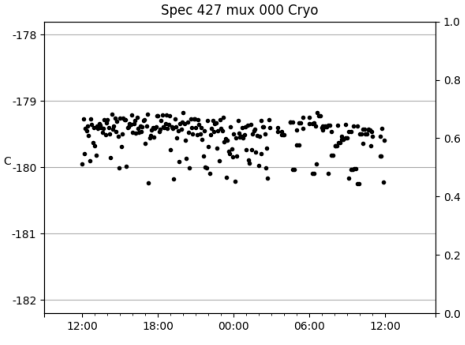
Spec 427 mux 000 Cryo
C
-178
-179
-180
-181
-182
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
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06:00
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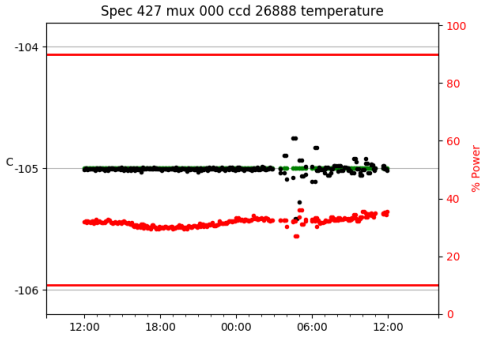
Spec 427 mux 000 ccd 26888 temperature
C
-104
-105
-106
% Power
100
80
60
40
20
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12:00
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06:00
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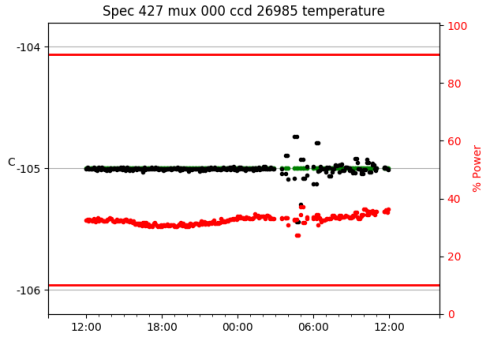
Spec 427 mux 000 ccd 26985 temperature
C
-104
-105
-106
% Power
100
80
60
40
20
0
12:00
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06:00
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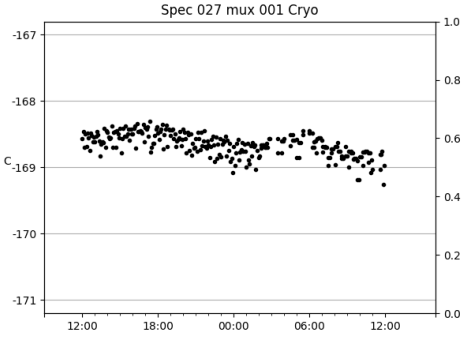
Spec 027 mux 001 Cryo
C
-167
-168
-169
-170
-171
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
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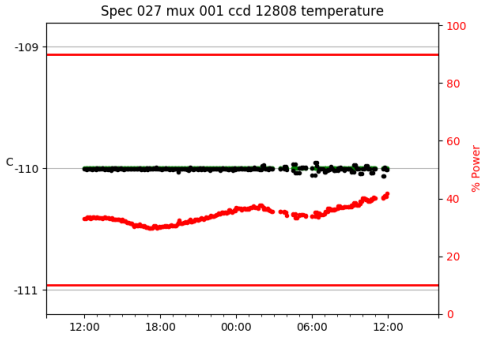
06:00
12:00


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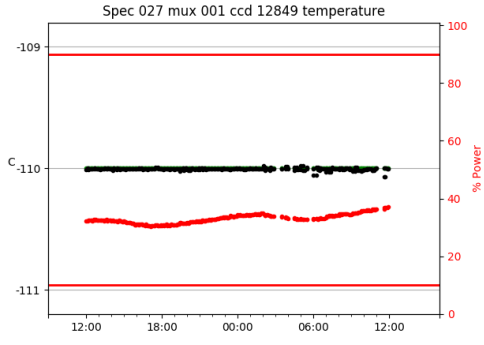
06:00
12:00


Spec 027 mux 001 ccd 12849 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
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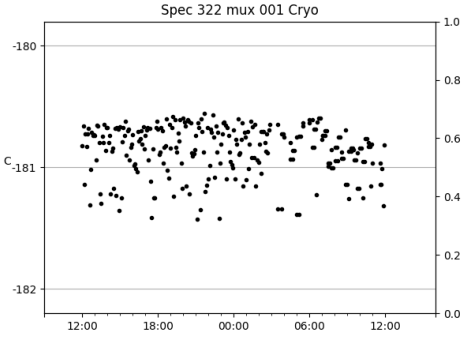
Spec 322 mux 001 Cryo
C
-180
-181
-182
1.0
0.8
0.6
0.4
0.2
0.0
12:00
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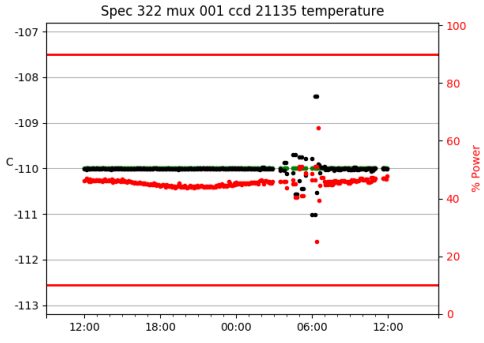
06:00
12:00


Spec 322 mux 001 ccd 21135 temperature
C
-107
-108
-109
-110
-111
-112
-113
% Power
100
80
60
40
20
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12:00
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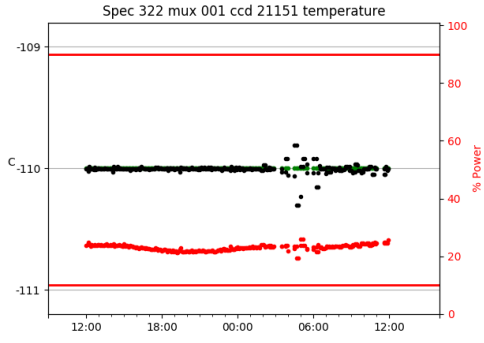
06:00
12:00


Spec 322 mux 001 ccd 21151 temperature
C
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-110
-111
% Power
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60
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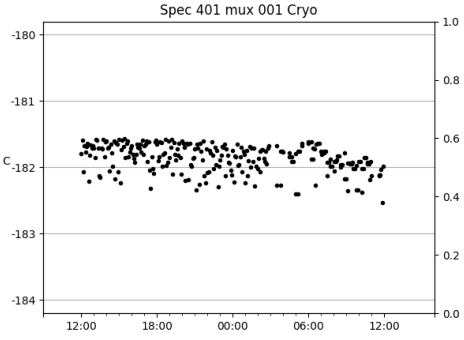
Spec 401 mux 001 Cryo
C
-180
-181
-182
-183
-184
1.0
0.8
0.6
0.4
0.2
0.0
12:00
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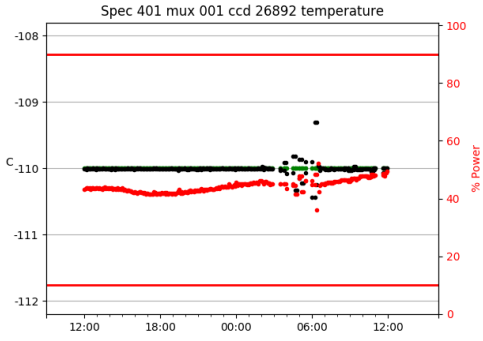
Spec 401 mux 001 ccd 26892 temperature
C
-108
-109
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-111
-112
% Power
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60
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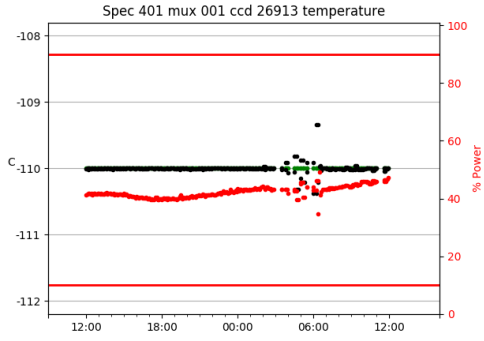
Spec 401 mux 001 ccd 26913 temperature
C
-108
-109
-110
-111
-112
% Power
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60
40
20
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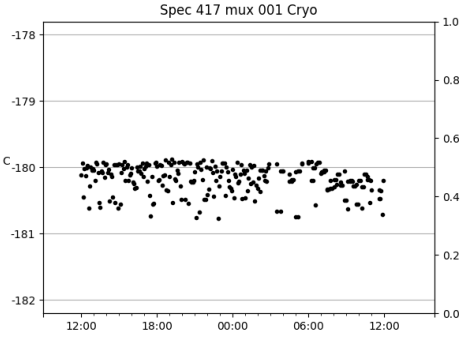
06:00
12:00


Spec 417 mux 001 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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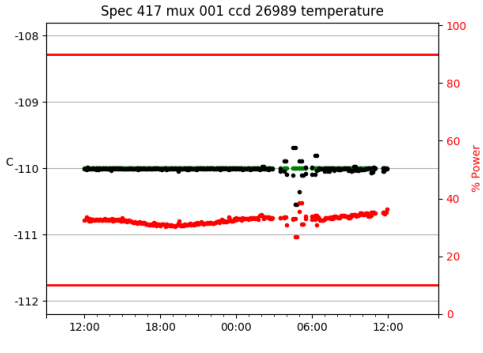
06:00
12:00


Spec 417 mux 001 ccd 26989 temperature
C
-108
-109
-110
-111
-112
% Power
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60
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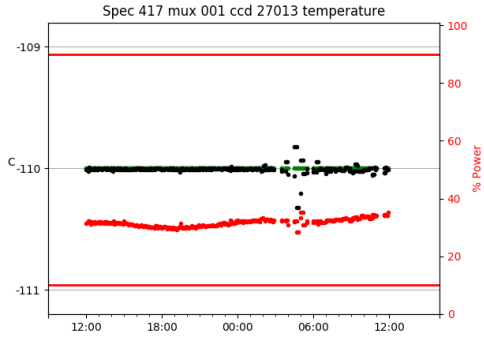
06:00
12:00


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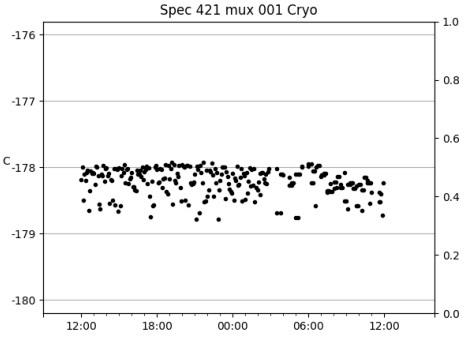
06:00
12:00


Spec 421 mux 001 Cryo
C
-176
-177
-178
-179
-180
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
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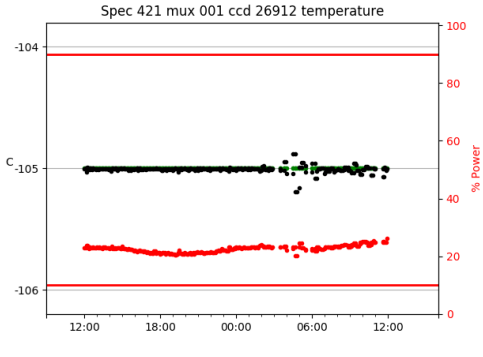
06:00
12:00


Spec 421 mux 001 ccd 26912 temperature
C
-104
-105
-106
% Power
100
80
60
40
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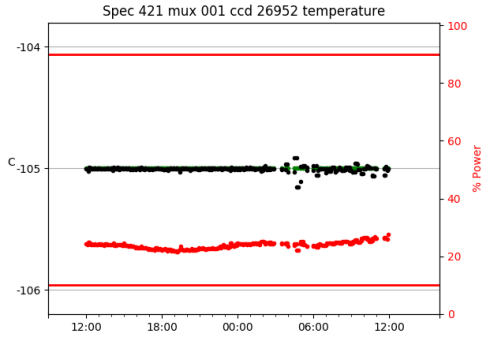
Spec 421 mux 001 ccd 26952 temperature
C
-104
-105
-106
% Power
100
80
60
40
20
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12:00
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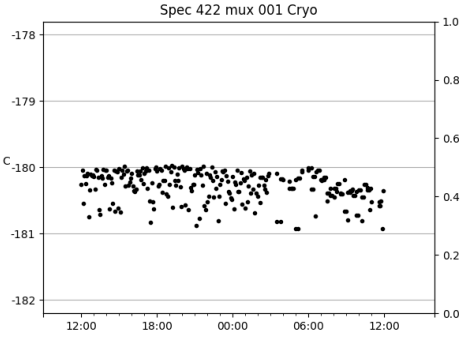
06:00
12:00


Spec 422 mux 001 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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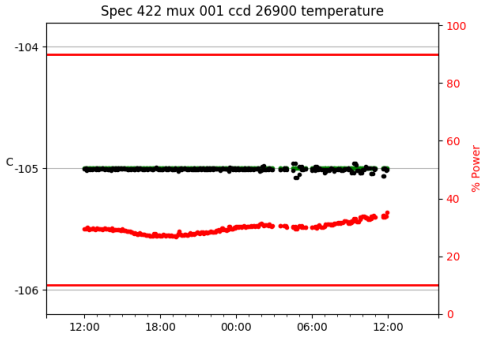
06:00
12:00


Spec 422 mux 001 ccd 26900 temperature
C
-104
-105
-106
% Power
100
80
60
40
20
0
12:00
18:00
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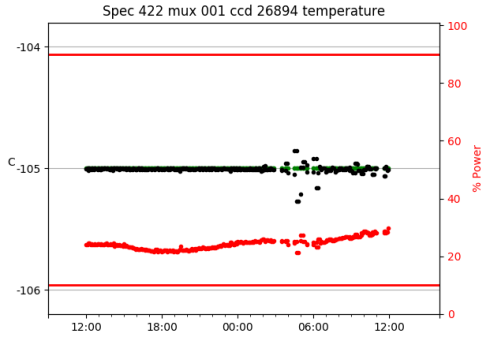
06:00
12:00


Spec 422 mux 001 ccd 26894 temperature
C
-104
-105
-106
% Power
100
80
60
40
20
0
12:00
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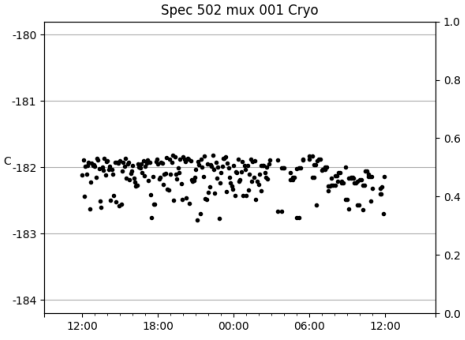
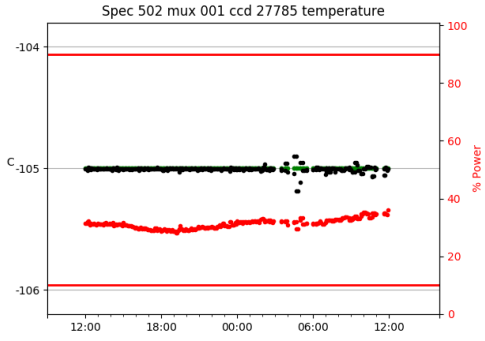
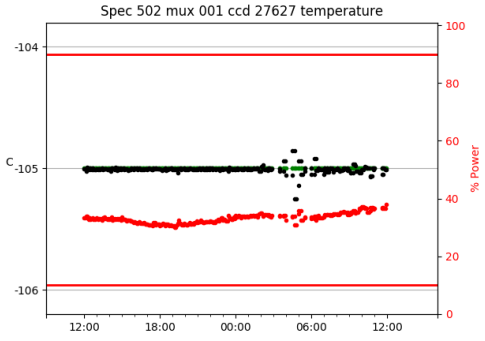
12:00


Spec 502 mux 001 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 502 mux 001 ccd 27785 temperature
C
-104
-105
-106
% 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
-104
-105
-106
% Power
100
80
60
40
20
0
12:00
18:00
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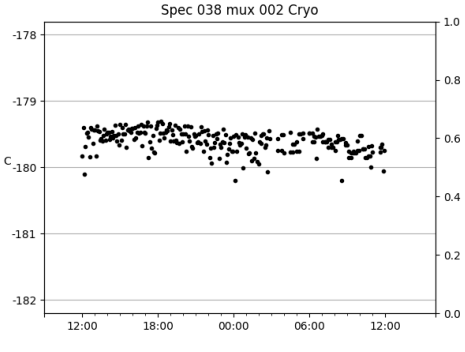
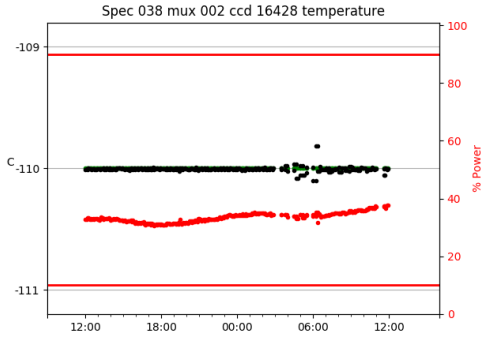
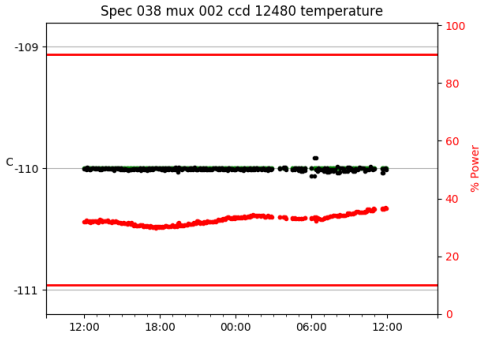
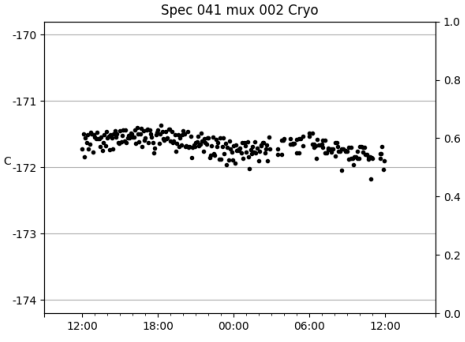
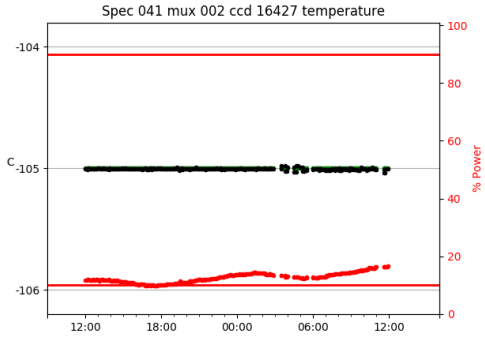
06:00
12:00

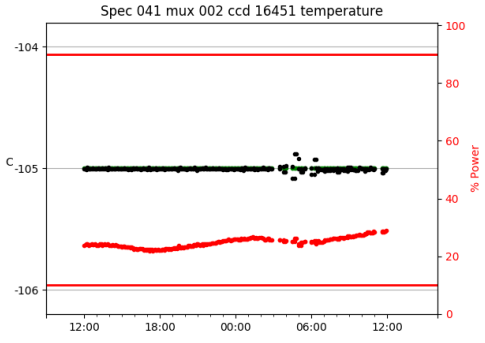

Spec 038 mux 002 Cryo
C
-178
-179
-180
-181
-182
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

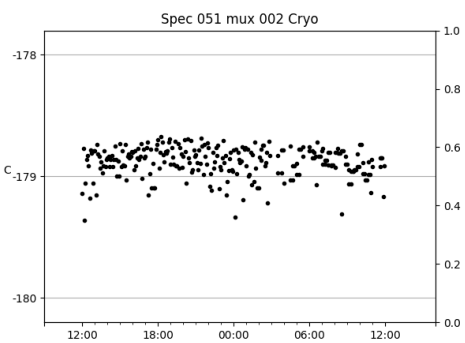

Spec 038 mux 002 ccd 16428 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

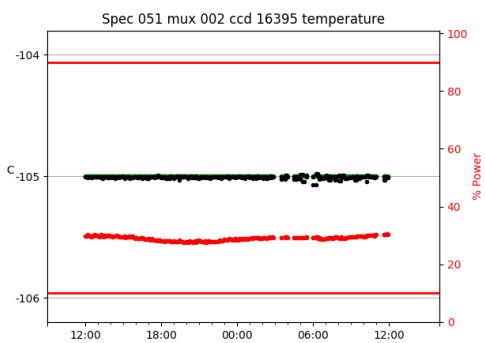

Spec 038 mux 002 ccd 12480 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 041 mux 002 Cryo
C
-170
-171
-172
-173
-174
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 041 mux 002 ccd 16427 temperature
C
-104
-105
-106
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 041 mux 002 ccd 16451 temperature
C
-104
-105
-106
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 051 mux 002 Cryo
C
-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 051 mux 002 ccd 16395 temperature
C
-104
-105
-106
% Power
100
80
60
40
20
0
12:00
18:00
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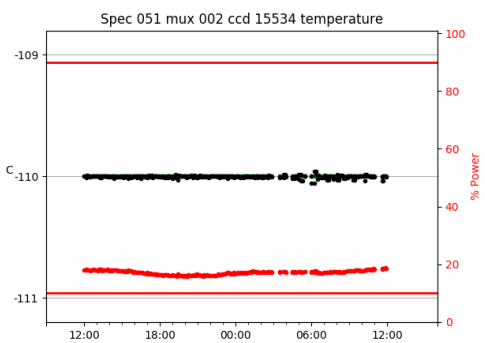
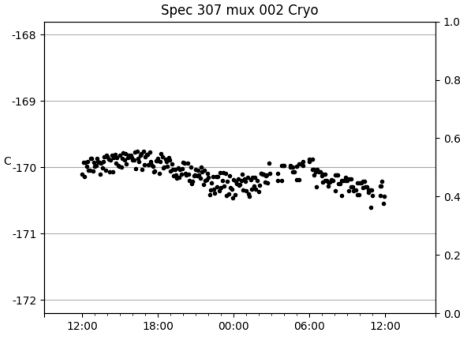
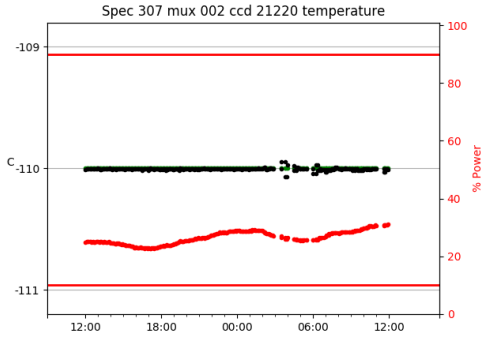
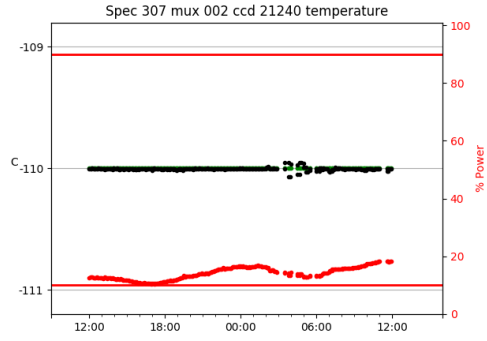
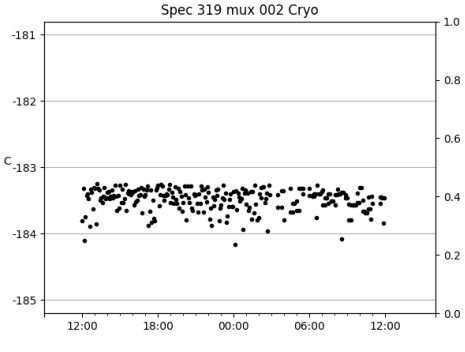
06:00
12:00

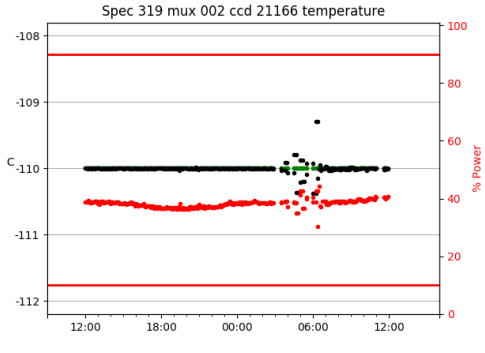

Spec 051 mux 002 ccd 15534 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

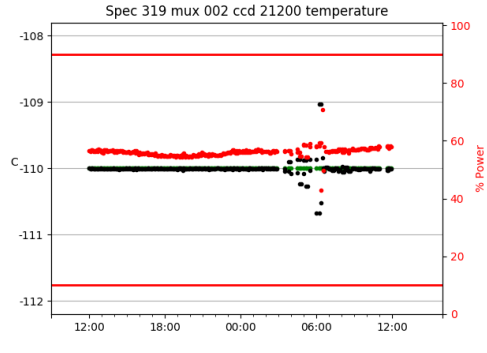

Spec 307 mux 002 Cryo
C
-168
-169
-170
-171
-172
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

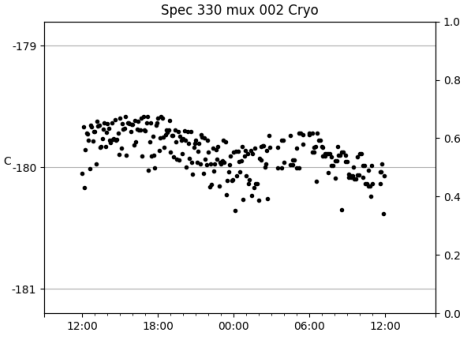

Spec 307 mux 002 ccd 21220 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

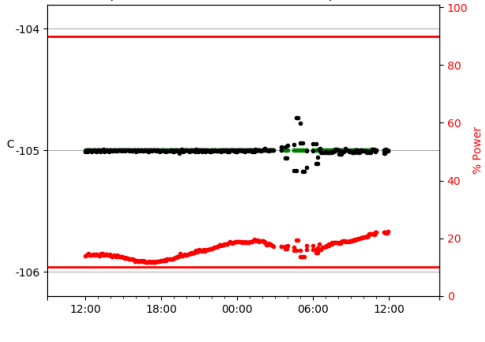

Spec 307 mux 002 ccd 21240 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

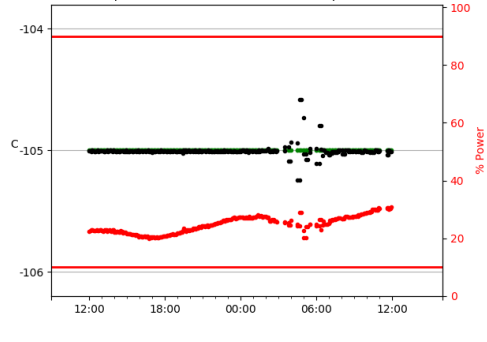

Spec 319 mux 002 Cryo
C
-181
-182
-183
-184
-185
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

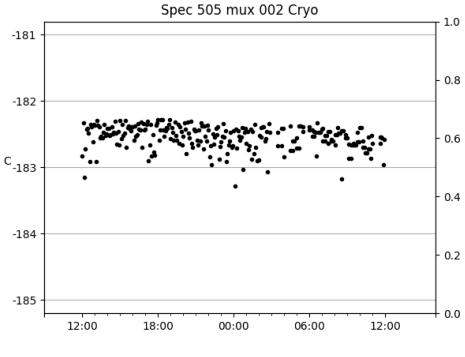

Spec 319 mux 002 ccd 21166 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

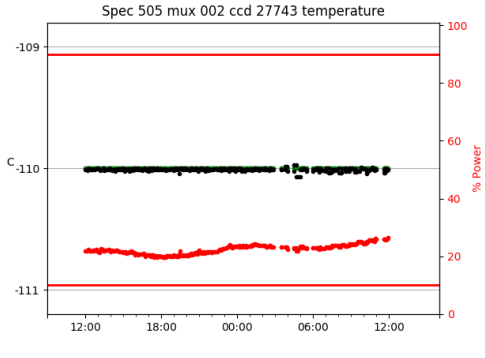

Spec 319 mux 002 ccd 21200 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

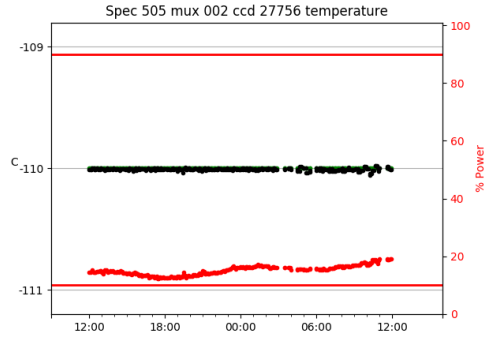

Spec 330 mux 002 Cryo
C
-179
-180
-181
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

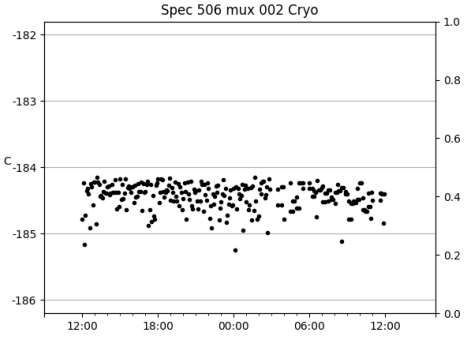

Spec 330 mux 002 ccd 21223 temperature
C
-104
-105
-106
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

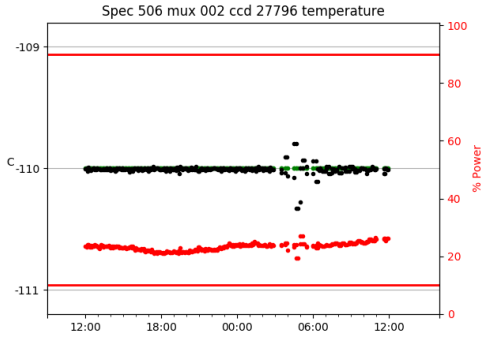

Spec 330 mux 002 ccd 21224 temperature
C
-104
-105
-106
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 505 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 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
-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 506 mux 002 ccd 27796 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
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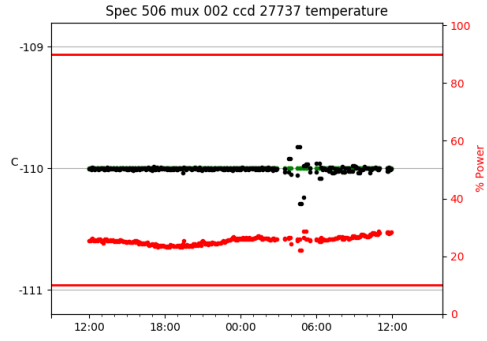
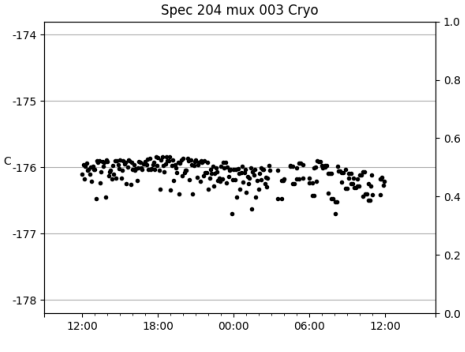
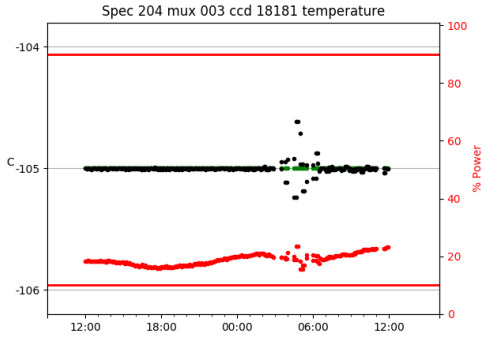
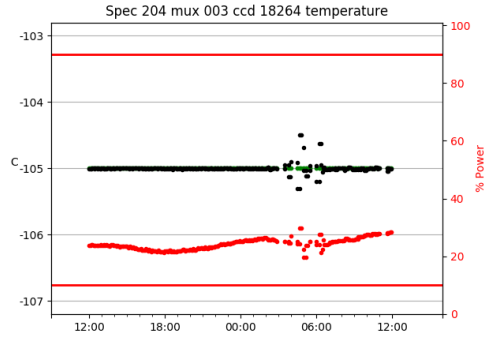
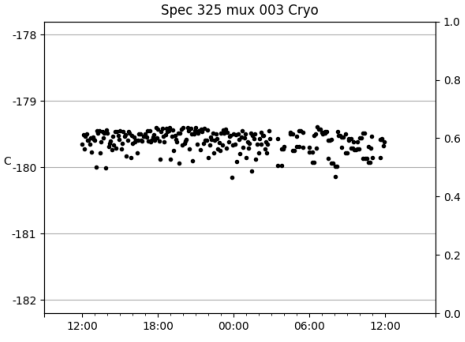
06:00
12:00

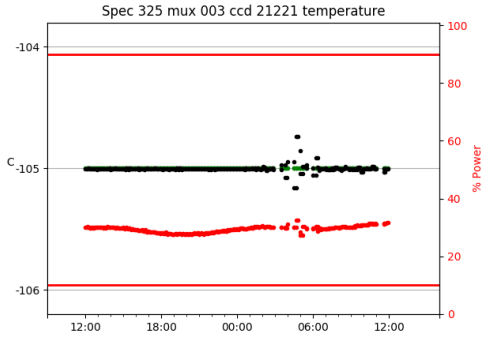

Spec 506 mux 002 ccd 27737 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

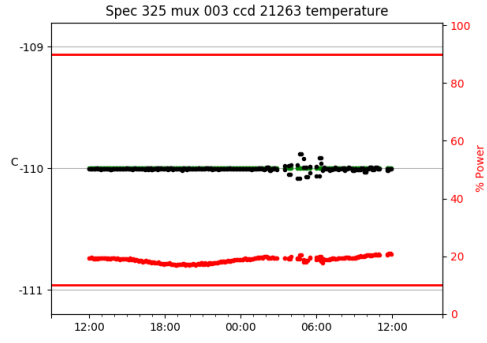

Spec 204 mux 003 Cryo
C
-174
-175
-176
-177
-178
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

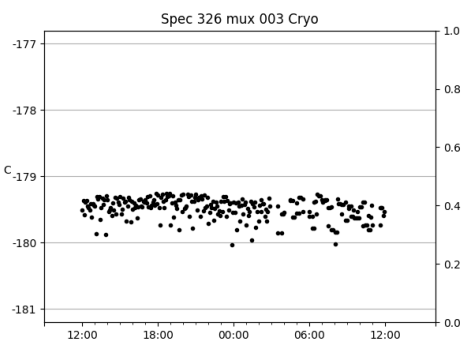

Spec 204 mux 003 ccd 18181 temperature
C
-104
-105
-106
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

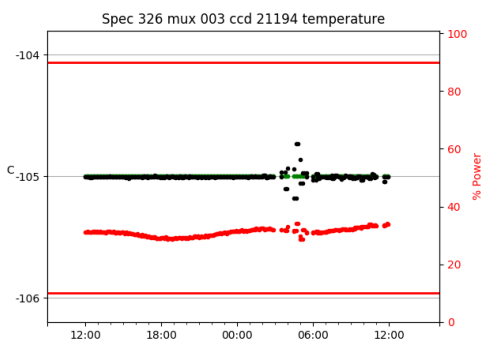

Spec 204 mux 003 ccd 18264 temperature
C
-103
-104
-105
-106
-107
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

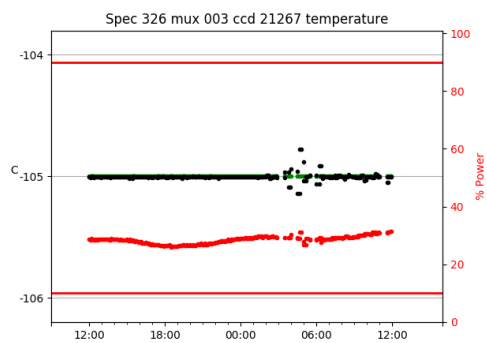

Spec 325 mux 003 Cryo
C
-178
-179
-180
-181
-182
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

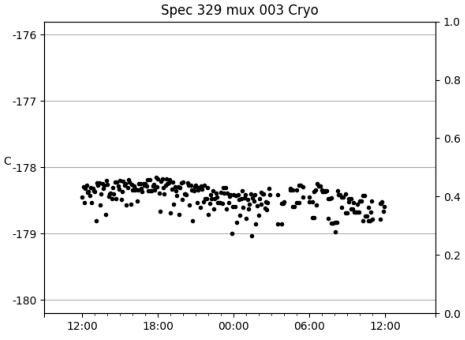

Spec 325 mux 003 ccd 21221 temperature
C
-104
-105
-106
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 325 mux 003 ccd 21263 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 326 mux 003 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 326 mux 003 ccd 21194 temperature
C
-104
-105
-106
% 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
-104
-105
-106
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 329 mux 003 Cryo
C
-176
-177
-178
-179
-180
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
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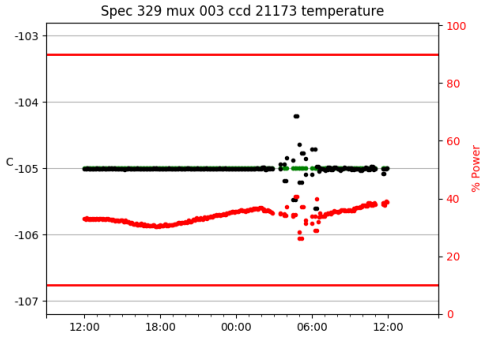
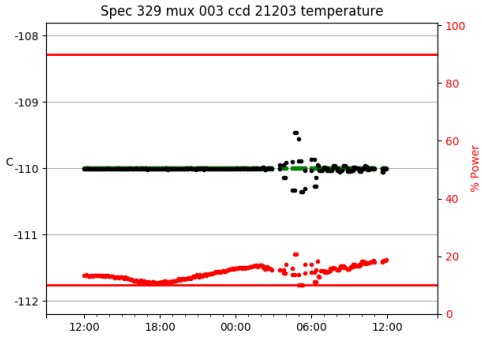
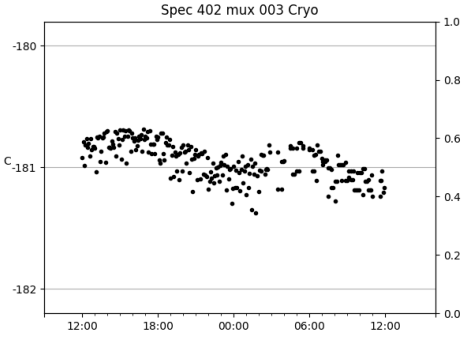
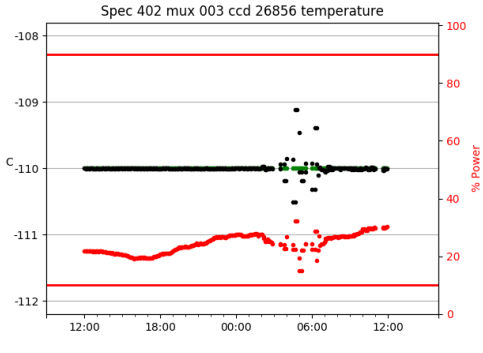
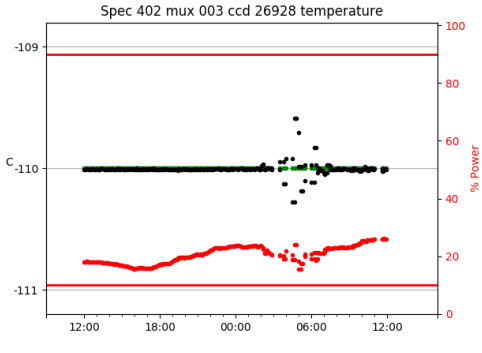
06:00
12:00

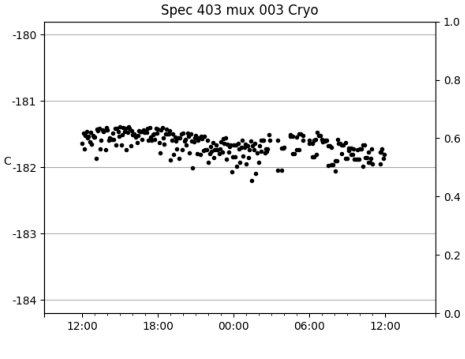

Spec 329 mux 003 ccd 21173 temperature
C
% Power
-103
-104
-105
-106
-107
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

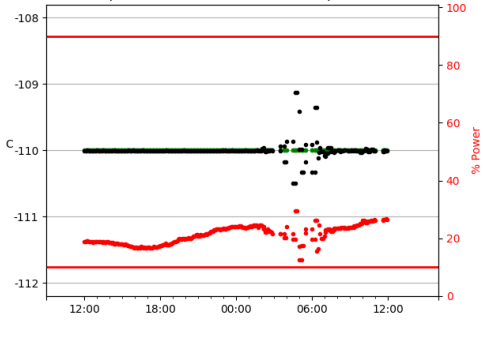

Spec 329 mux 003 ccd 21203 temperature
C
% Power
-108
-109
-110
-111
-112
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

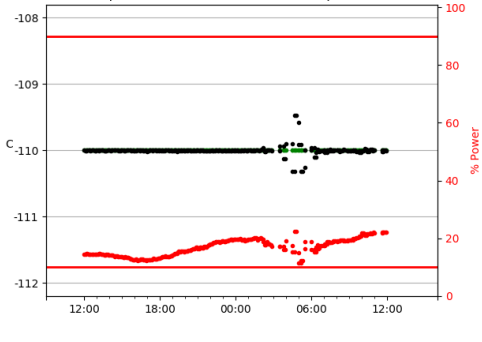

Spec 402 mux 003 Cryo
C
-180
-181
-182
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

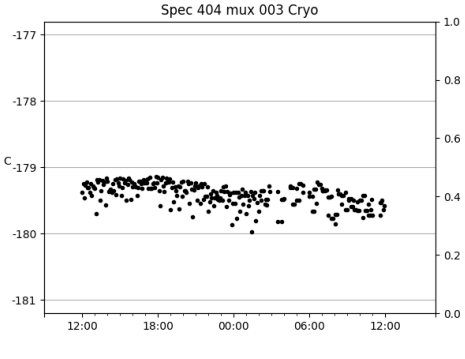

Spec 402 mux 003 ccd 26856 temperature
C
% Power
-108
-109
-110
-111
-112
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

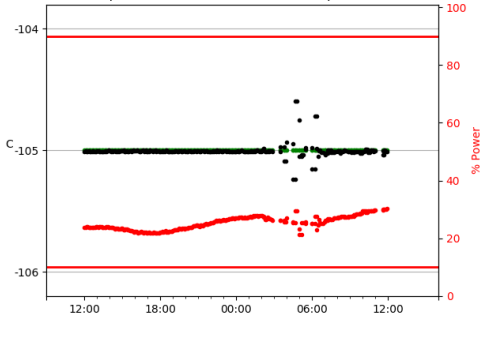

Spec 402 mux 003 ccd 26928 temperature
C
% Power
-109
-110
-111
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

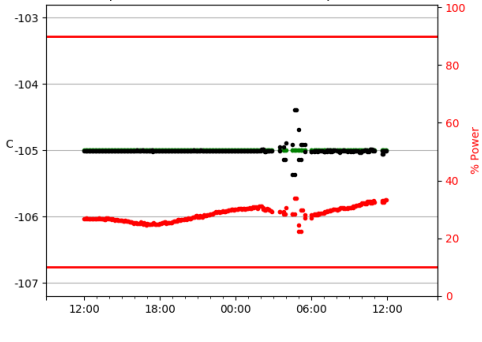

Spec 403 mux 003 Cryo
C
-180
-181
-182
-183
-184
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

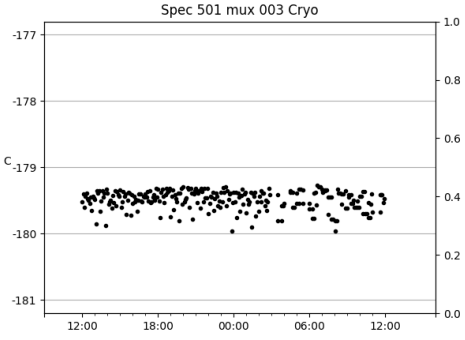

Spec 403 mux 003 ccd 26956 temperature
C
% Power
-108
-109
-110
-111
-112
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

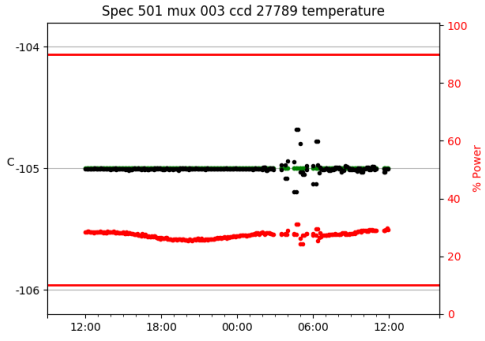

Spec 403 mux 003 ccd 27061 temperature
C
% Power
-108
-109
-110
-111
-112
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

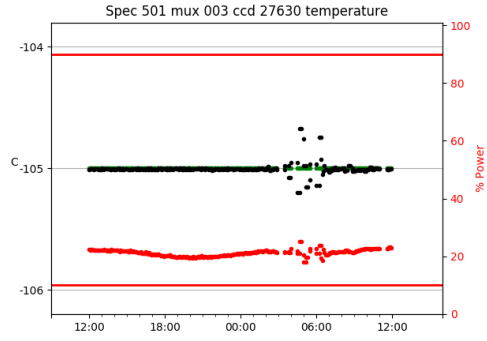

Spec 404 mux 003 Cryo
C
-177
-178
-179
-180
-181
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

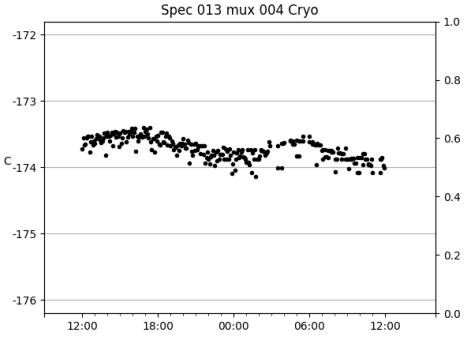

Spec 404 mux 003 ccd 26866 temperature
C
% Power
-104
-105
-106
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

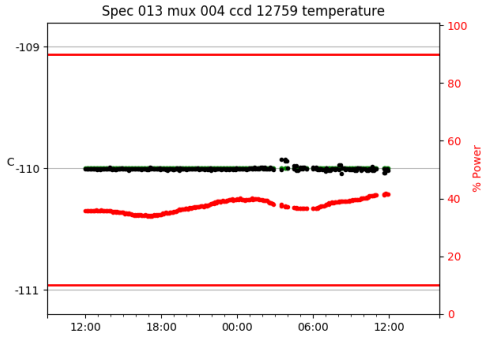

Spec 404 mux 003 ccd 26939 temperature
C
% Power
-103
-104
-105
-106
-107
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

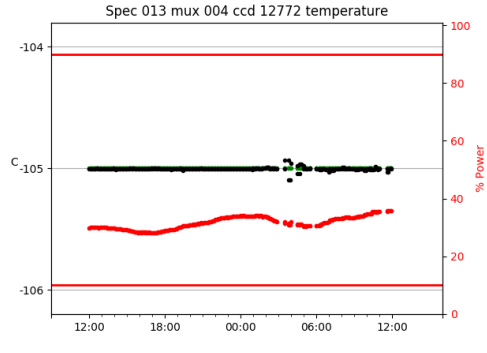

Spec 501 mux 003 Cryo
C
-177
-178
-179
-180
-181
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

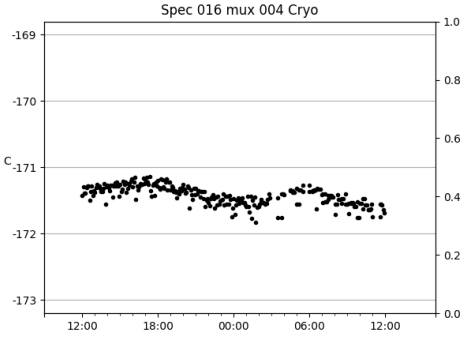

Spec 501 mux 003 ccd 27789 temperature
C
-104
-105
-106
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

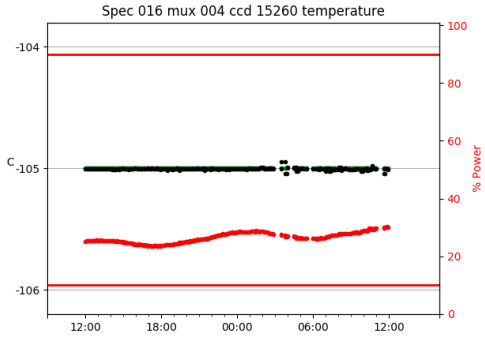

Spec 501 mux 003 ccd 27630 temperature
C
-104
-105
-106
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

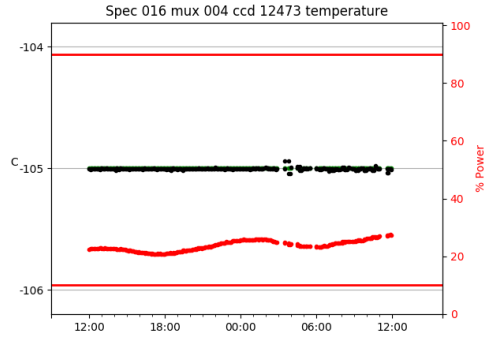

Spec 013 mux 004 Cryo
C
-172
-173
-174
-175
-176
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

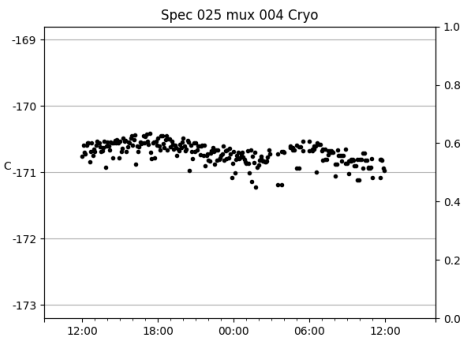

Spec 013 mux 004 ccd 12759 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

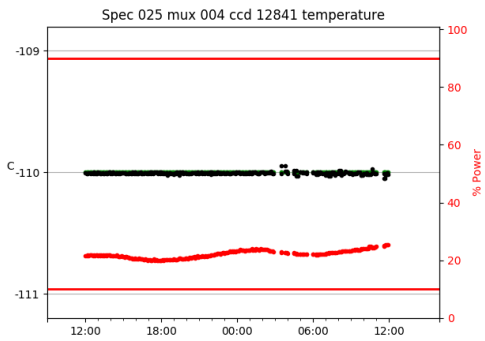

Spec 013 mux 004 ccd 12772 temperature
C
-104
-105
-106
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 016 mux 004 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 016 mux 004 ccd 15260 temperature
C
-104
-105
-106
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 016 mux 004 ccd 12473 temperature
C
-104
-105
-106
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


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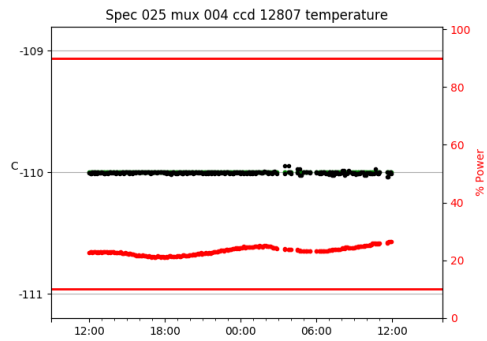
06:00
12:00


Spec 025 mux 004 ccd 12807 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
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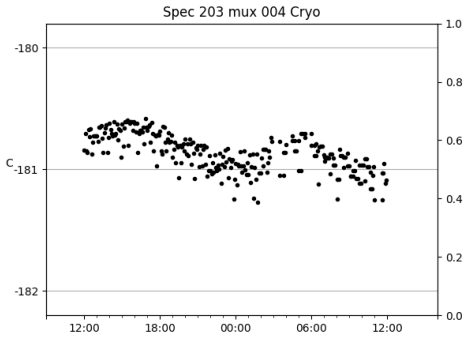
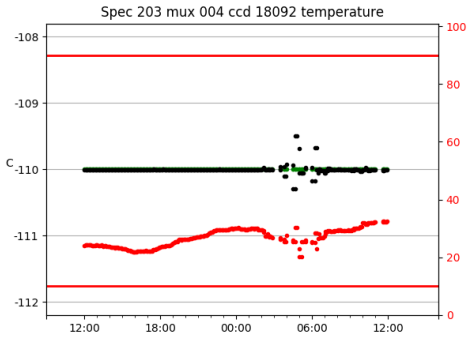
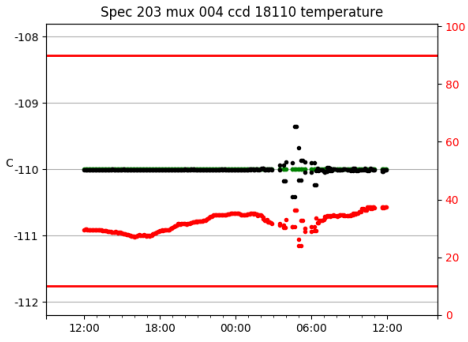
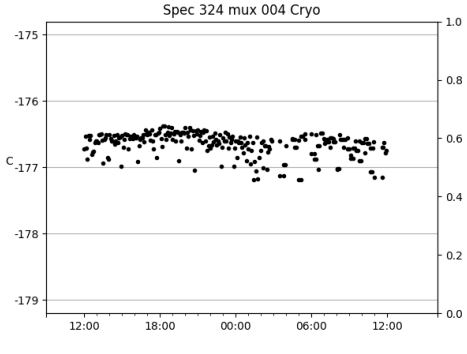
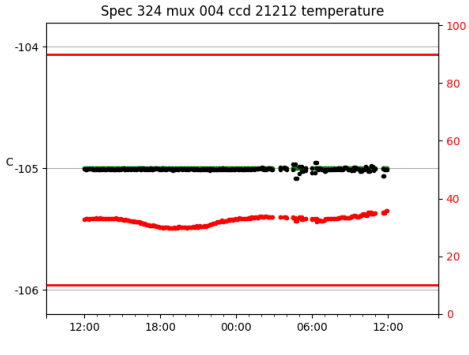
06:00
12:00

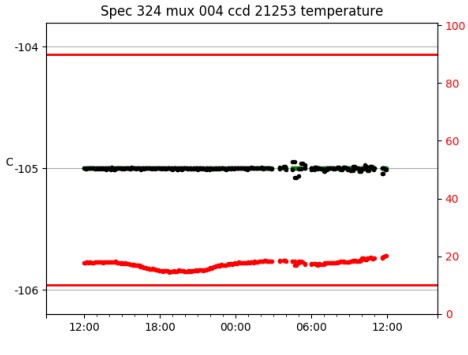

Spec 203 mux 004 Cryo
C
-180
-181
-182
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

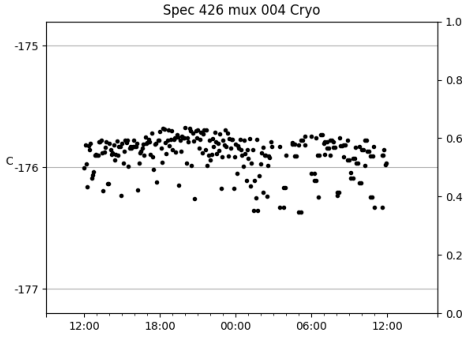

Spec 203 mux 004 ccd 18092 temperature
C
% Power
-108
-109
-110
-111
-112
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

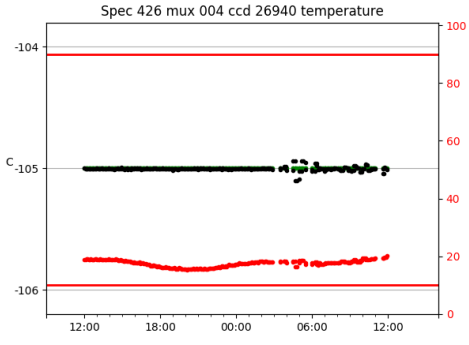

Spec 203 mux 004 ccd 18110 temperature
C
% Power
-108
-109
-110
-111
-112
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

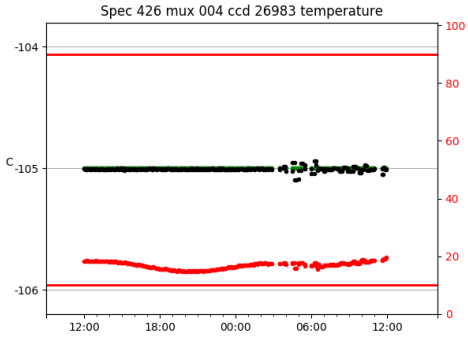

Spec 324 mux 004 Cryo
C
-175
-176
-177
-178
-179
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

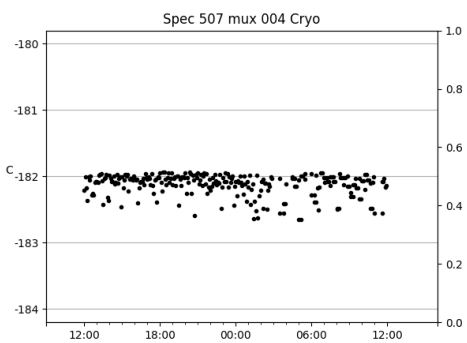

Spec 324 mux 004 ccd 21212 temperature
C
% Power
-104
-105
-106
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

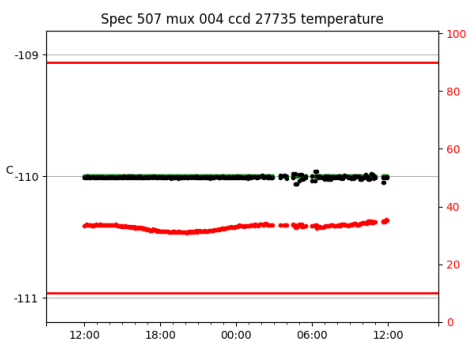

Spec 324 mux 004 ccd 21253 temperature
C
% Power
-104
-105
-106
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

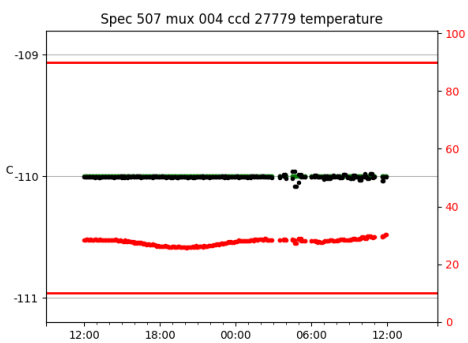

Spec 426 mux 004 Cryo
C
-175
-176
-177
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

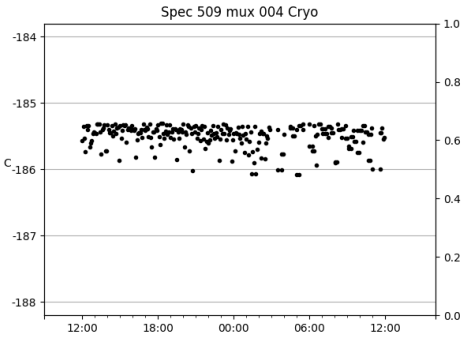

Spec 426 mux 004 ccd 26940 temperature
C
% Power
-104
-105
-106
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 426 mux 004 ccd 26983 temperature
C
% Power
-104
-105
-106
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 507 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
00:00
06:00
12:00


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


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


Spec 509 mux 004 Cryo
C
-184
-185
-186
-187
-188
1.0
0.8
0.6
0.4
0.2
0.0
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18:00
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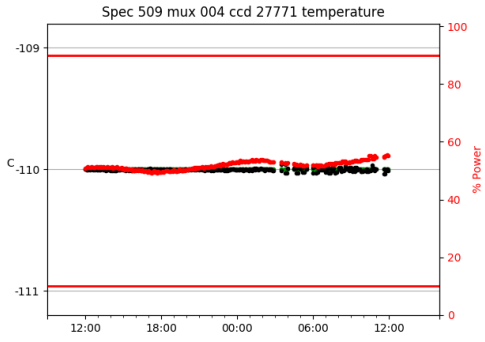
Spec 509 mux 004 ccd 27771 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
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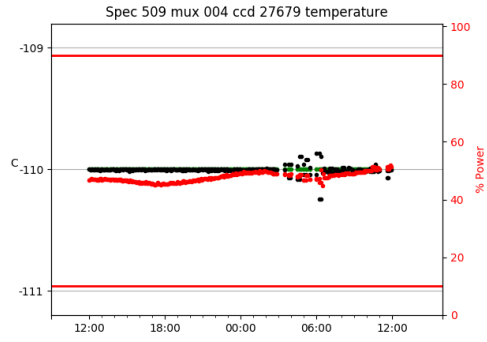
06:00
12:00


Spec 509 mux 004 ccd 27679 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
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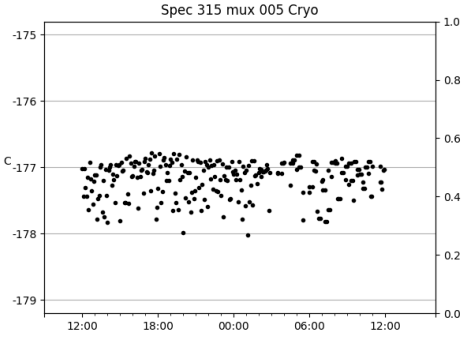
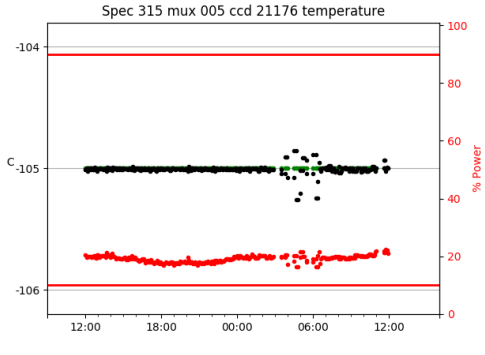
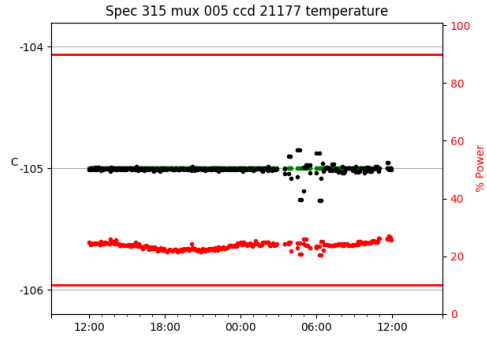
06:00
12:00


Spec 315 mux 005 Cryo
C
-175
-176
-177
-178
-179
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
-104
-105
-106
% 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
-104
-105
-106
% Power
100
80
60
40
20
0
12:00
18:00
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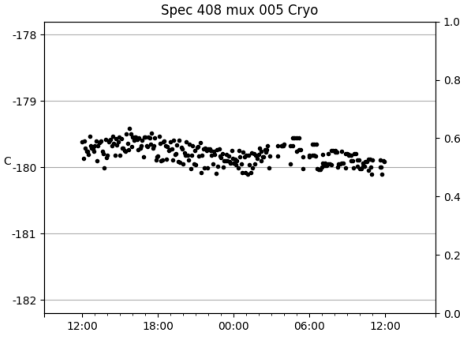
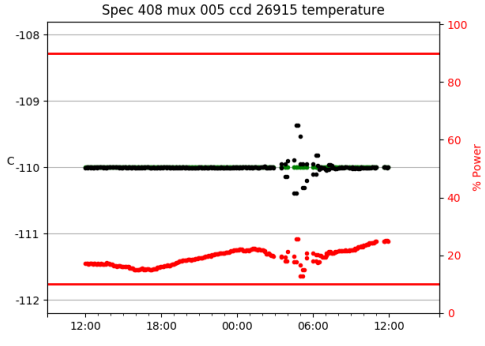
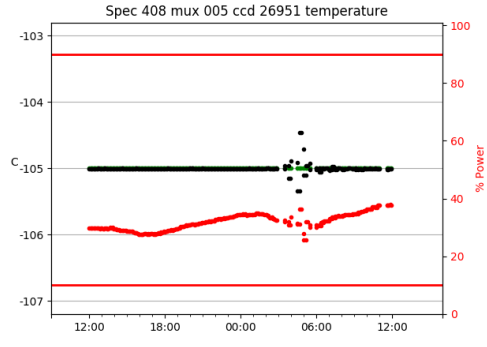
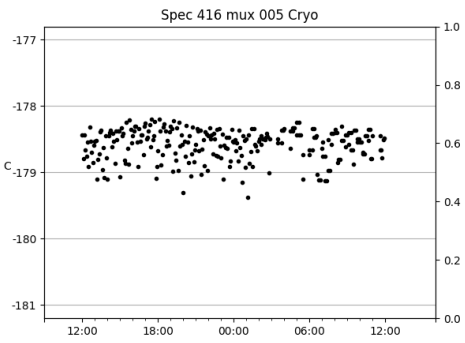
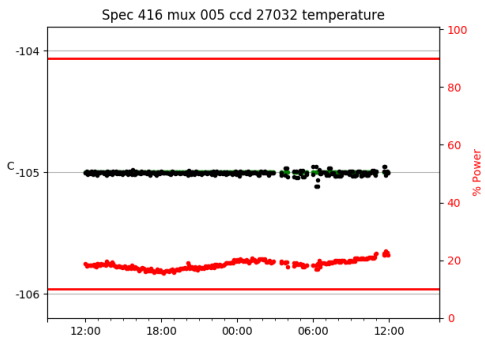
06:00
12:00

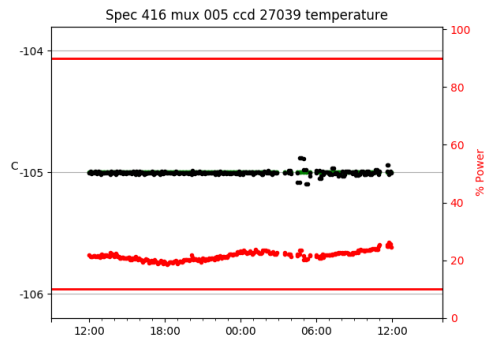

Spec 408 mux 005 Cryo
C
-178
-179
-180
-181
-182
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

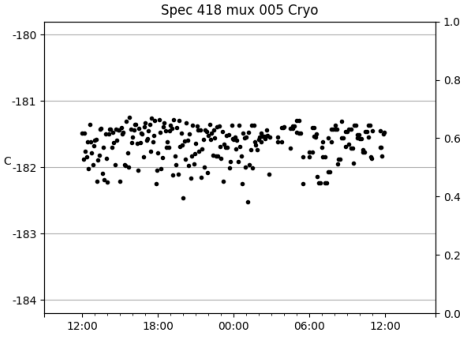

Spec 408 mux 005 ccd 26915 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

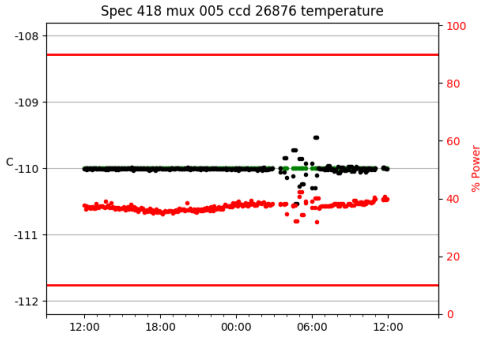

Spec 408 mux 005 ccd 26951 temperature
C
-103
-104
-105
-106
-107
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

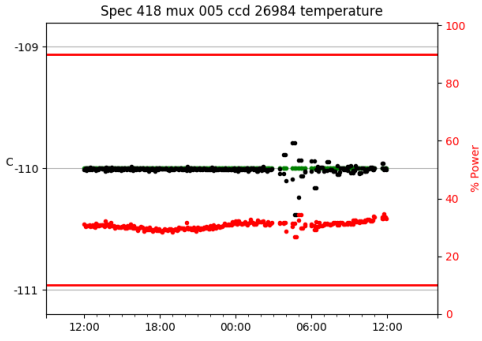

Spec 416 mux 005 Cryo
C
-177
-178
-179
-180
-181
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 416 mux 005 ccd 27032 temperature
C
-104
-105
-106
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 416 mux 005 ccd 27039 temperature
C
-104
-105
-106
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 418 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
12:00


Spec 418 mux 005 ccd 26876 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


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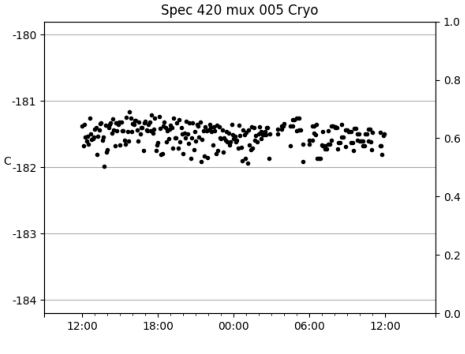
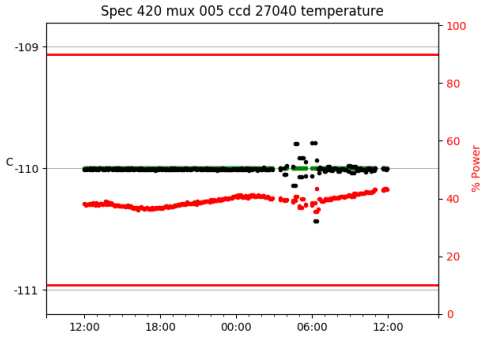
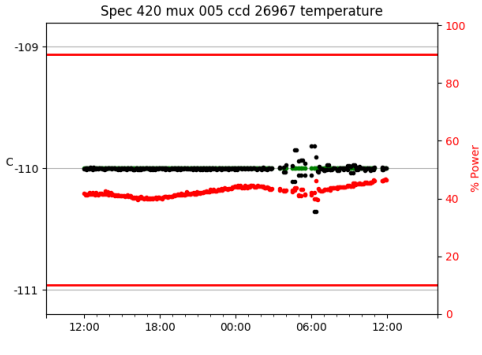
12:00
18:00
00:00
06:00
12:00


Spec 420 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
12:00


Spec 420 mux 005 ccd 27040 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 420 mux 005 ccd 26967 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
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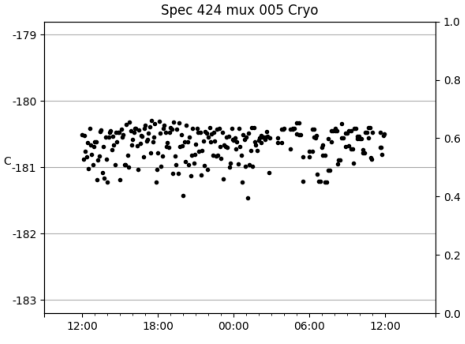
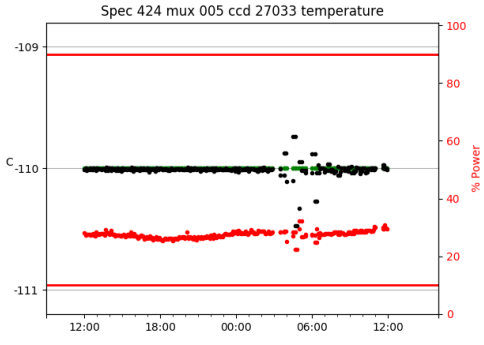
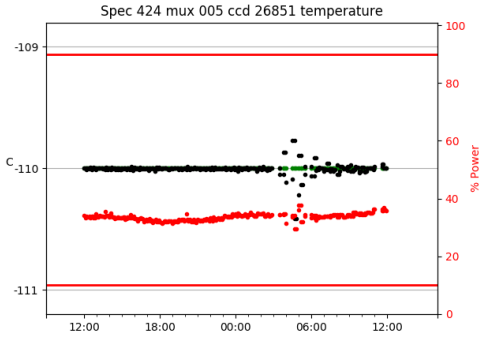
06:00
12:00


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


Spec 424 mux 005 ccd 26851 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
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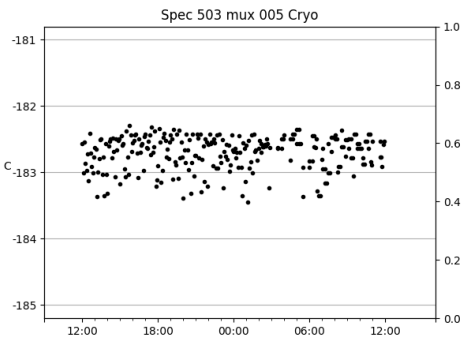
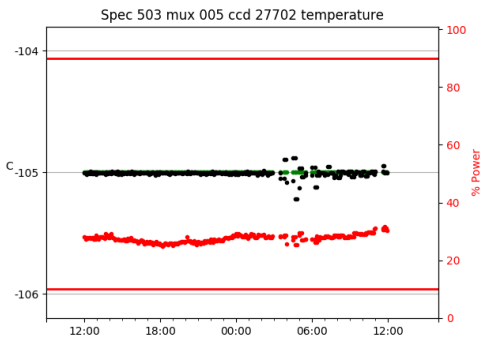
06:00
12:00


Spec 503 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
00:00
06:00
12:00


Spec 503 mux 005 ccd 27702 temperature
C
-104
-105
-106
% Power
100
80
60
40
20
0
12:00
18:00
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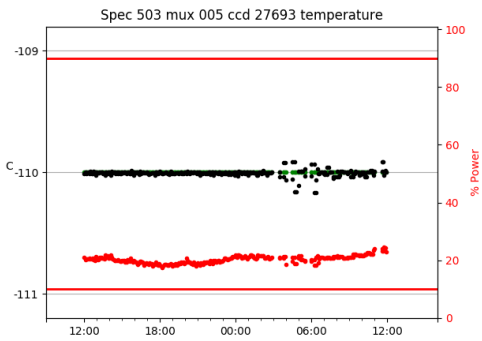
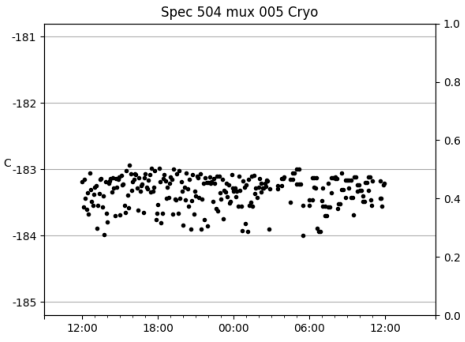
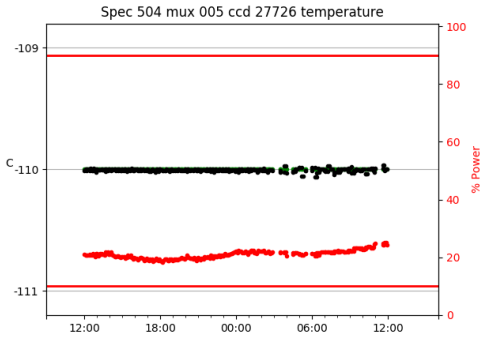
06:00
12:00


Spec 503 mux 005 ccd 27693 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 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 504 mux 005 ccd 27726 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
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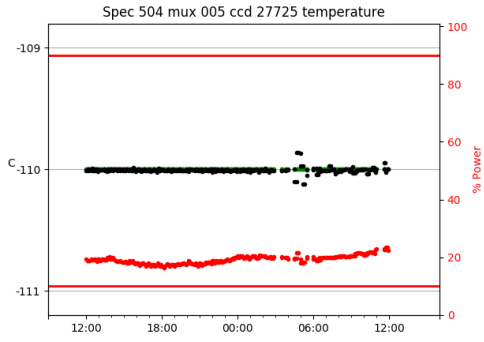
06:00
12:00


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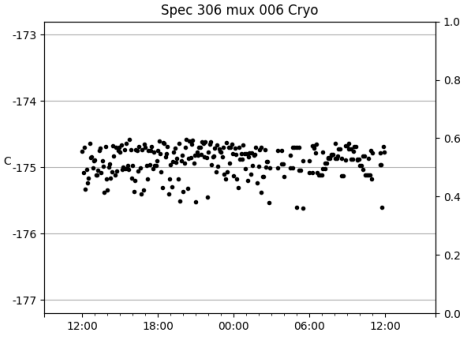
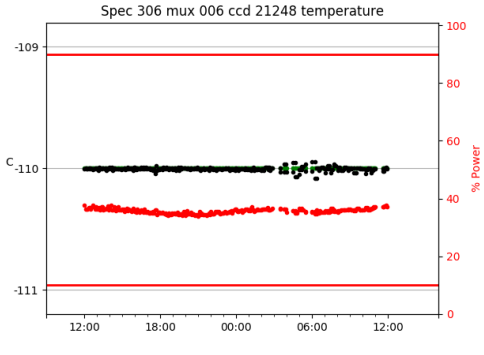
06:00
12:00


Spec 306 mux 006 Cryo
C
-173
-174
-175
-176
-177
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
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12:00
18:00
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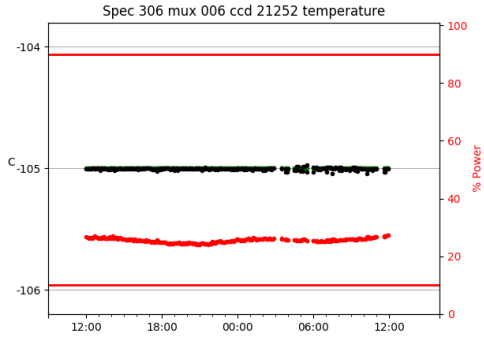
06:00
12:00


Spec 306 mux 006 ccd 21252 temperature
C
-104
-105
-106
% Power
100
80
60
40
20
0
12:00
18:00
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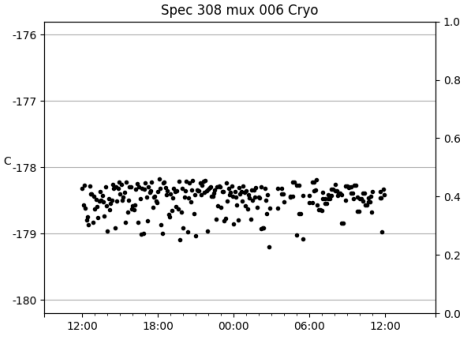
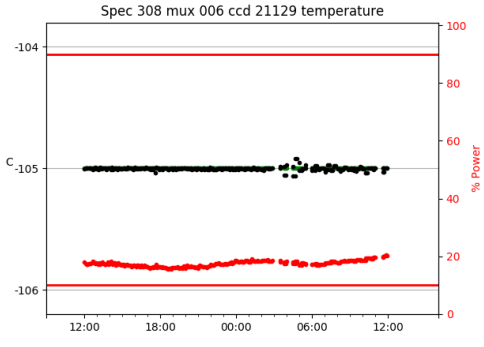
06:00
12:00


Spec 308 mux 006 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 308 mux 006 ccd 21129 temperature
C
-104
-105
-106
% Power
100
80
60
40
20
0
12:00
18:00
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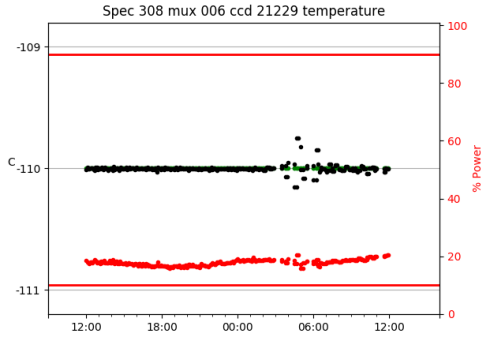
06:00
12:00


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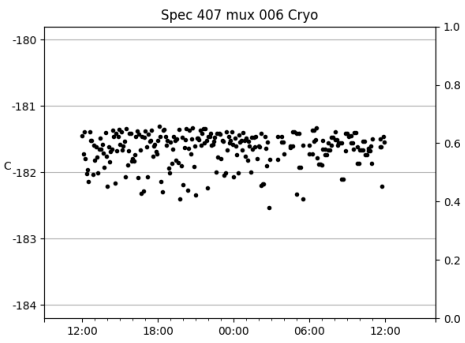
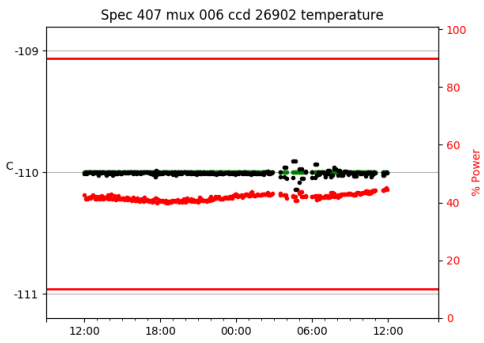
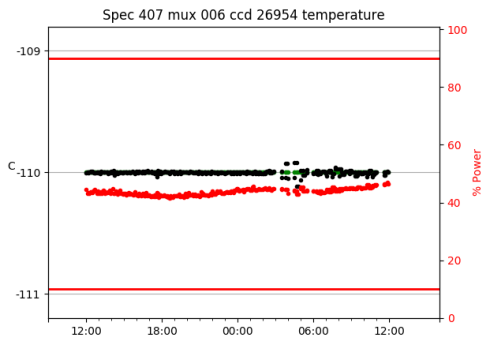
06:00
12:00


Spec 407 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 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
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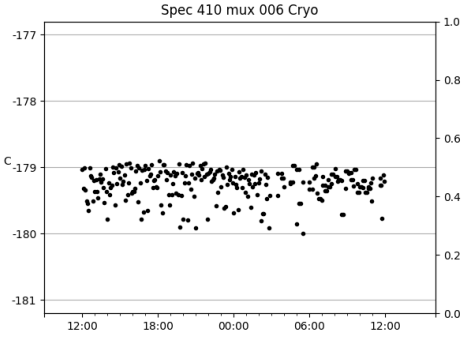
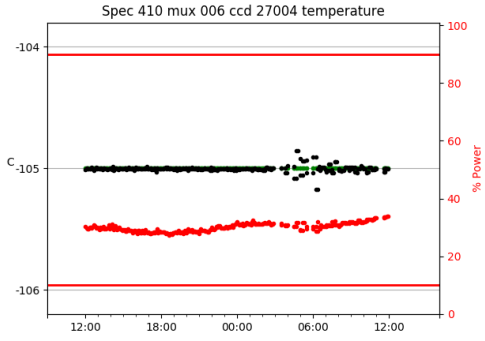
06:00
12:00


Spec 410 mux 006 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 410 mux 006 ccd 27004 temperature
C
-104
-105
-106
% Power
100
80
60
40
20
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12:00
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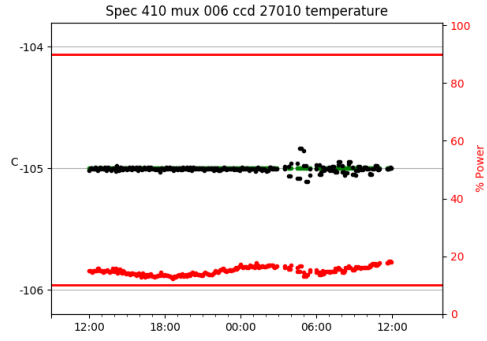
Spec 410 mux 006 ccd 27010 temperature
C
-104
-105
-106
% Power
100
80
60
40
20
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12:00
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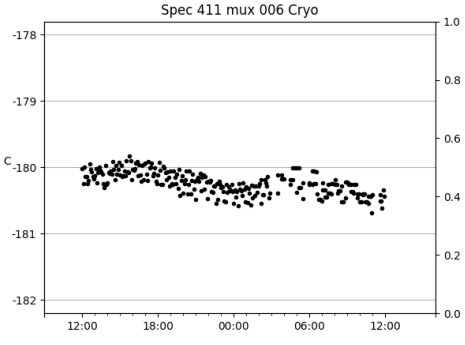
Spec 411 mux 006 Cryo
C
-178
-179
-180
-181
-182
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
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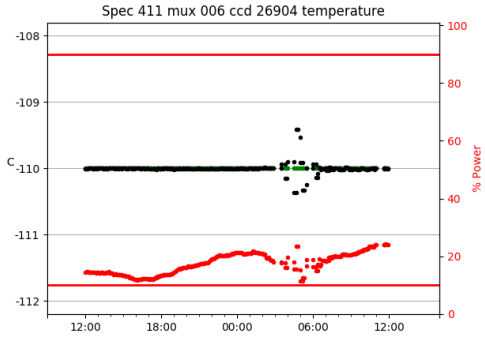
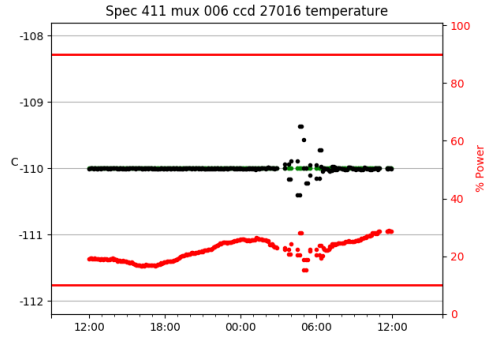
06:00
12:00


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


Spec 411 mux 006 ccd 27016 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
0
12:00
18:00
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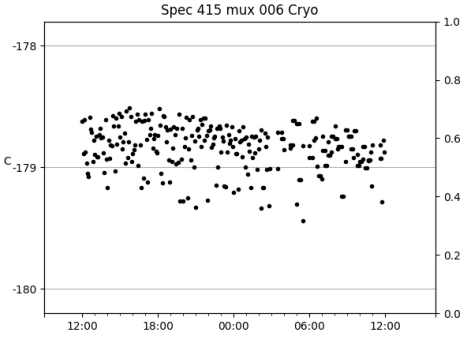
06:00
12:00


Spec 415 mux 006 Cryo
C
-178
-179
-180
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
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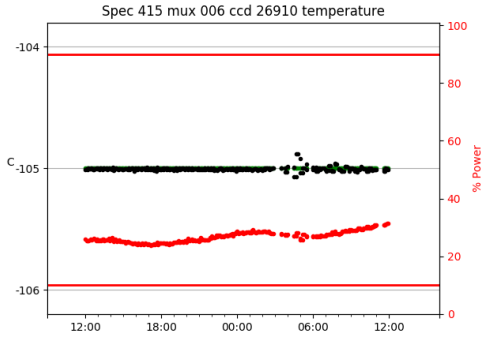
06:00
12:00


Spec 415 mux 006 ccd 26910 temperature
C
-104
-105
-106
% Power
100
80
60
40
20
0
12:00
18:00
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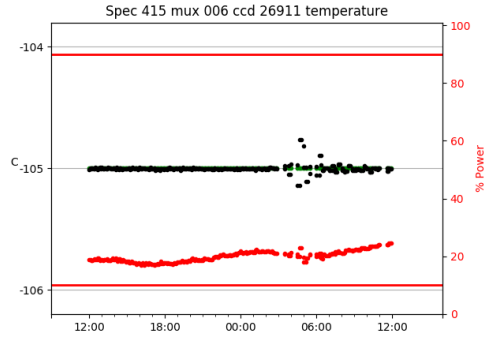
06:00
12:00


Spec 415 mux 006 ccd 26911 temperature
C
-104
-105
-106
% Power
100
80
60
40
20
0
12:00
18:00
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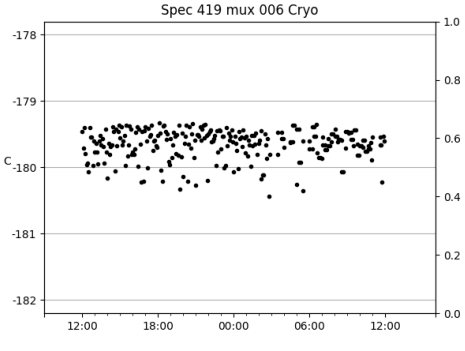
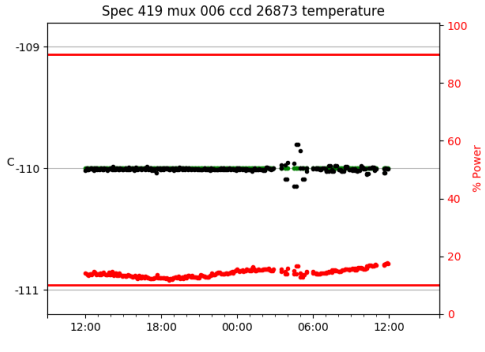
06:00
12:00


Spec 419 mux 006 Cryo
C
-178
-179
-180
-181
-182
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 419 mux 006 ccd 26873 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
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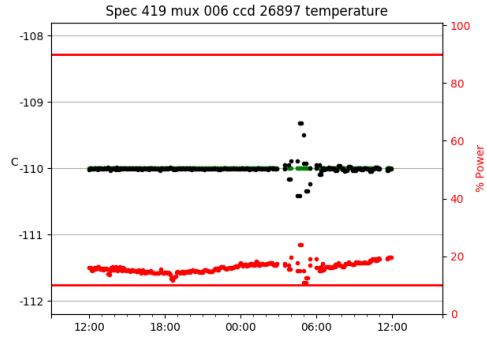
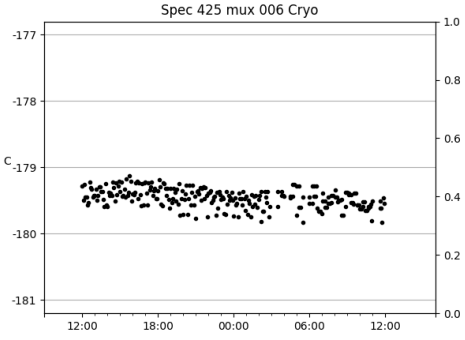
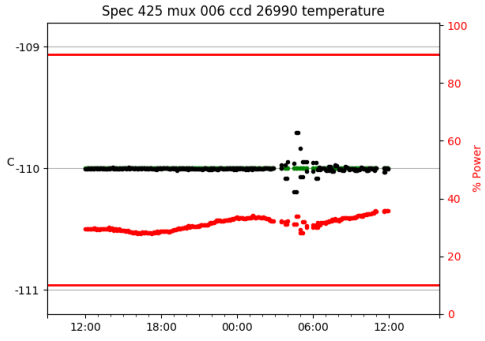
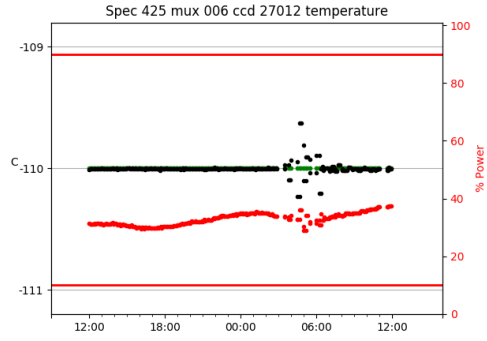
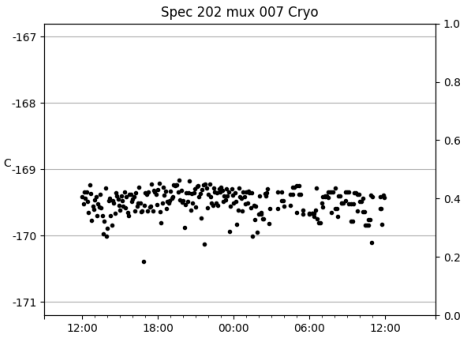
06:00
12:00

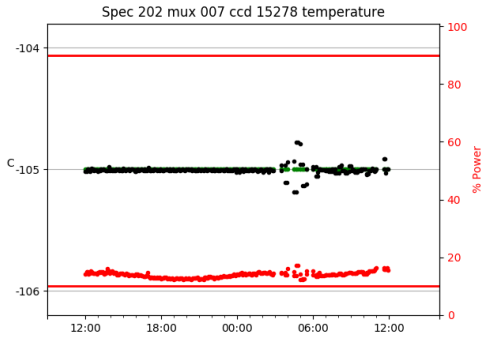

Spec 419 mux 006 ccd 26897 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

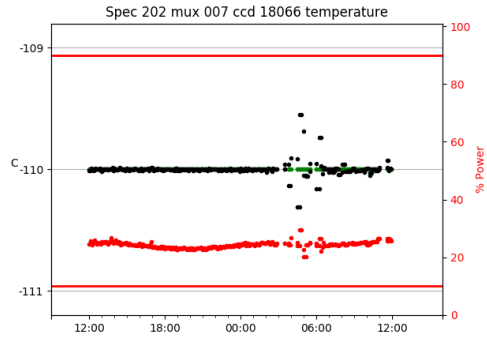

Spec 425 mux 006 Cryo
C
-177
-178
-179
-180
-181
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

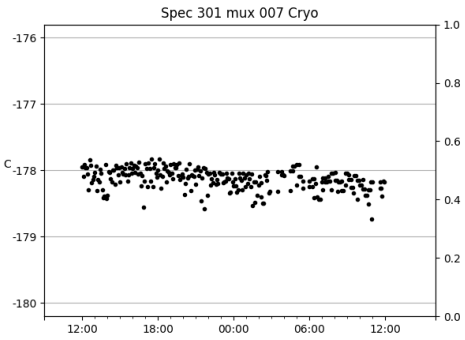

Spec 425 mux 006 ccd 26990 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

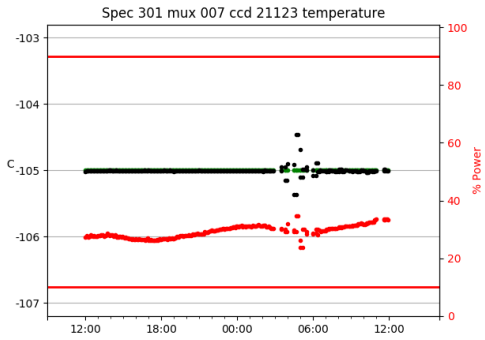

Spec 425 mux 006 ccd 27012 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

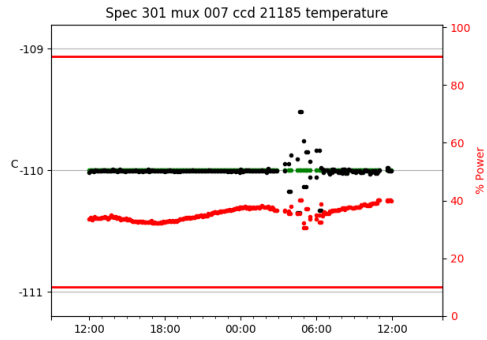

Spec 202 mux 007 Cryo
C
-167
-168
-169
-170
-171
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 202 mux 007 ccd 15278 temperature
C
-104
-105
-106
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 202 mux 007 ccd 18066 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 301 mux 007 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 301 mux 007 ccd 21123 temperature
C
-103
-104
-105
-106
-107
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 301 mux 007 ccd 21185 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
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12:00
18:00
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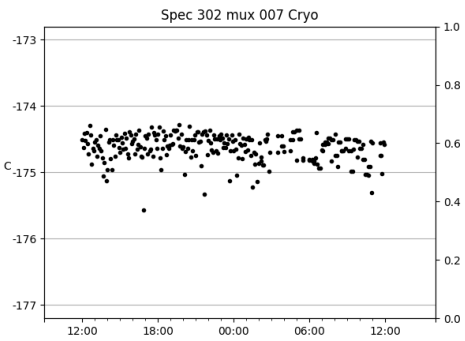
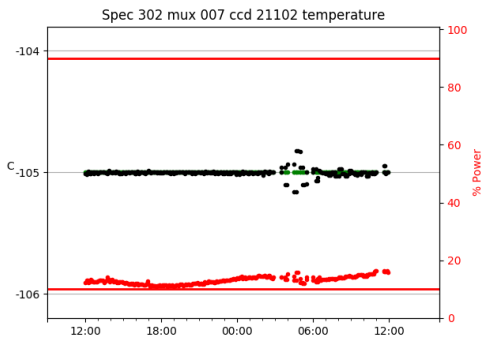
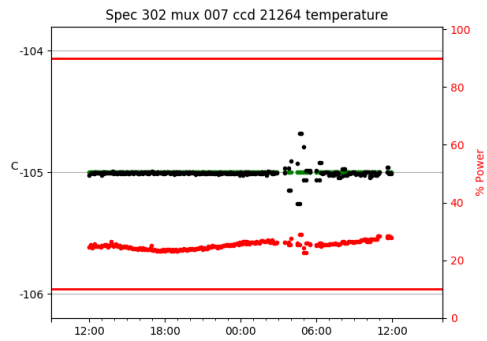
06:00
12:00


Spec 302 mux 007 Cryo
C
-173
-174
-175
-176
-177
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 302 mux 007 ccd 21102 temperature
C
-104
-105
-106
% 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
-104
-105
-106
% Power
100
80
60
40
20
0
12:00
18:00
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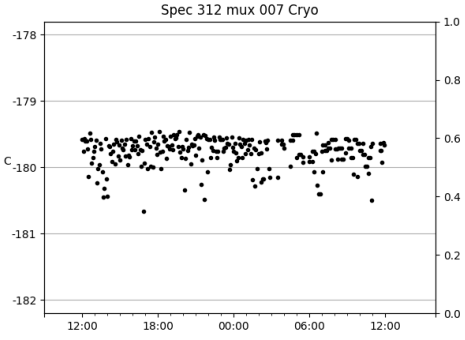
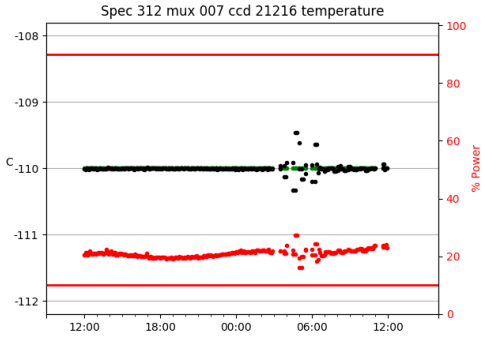
06:00
12:00


Spec 312 mux 007 Cryo
C
-178
-179
-180
-181
-182
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 312 mux 007 ccd 21216 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
0
12:00
18:00
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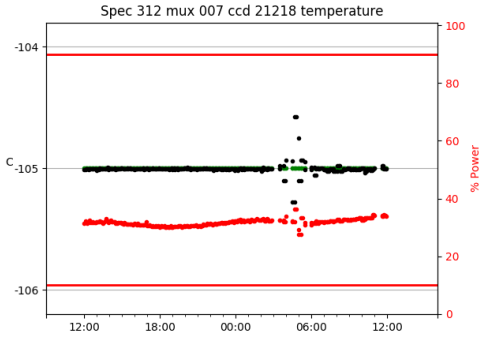
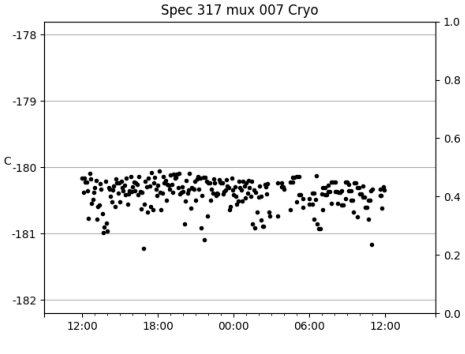
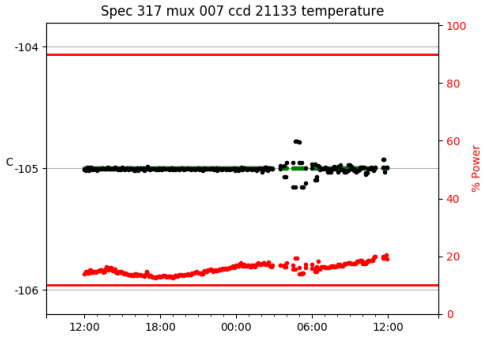
06:00
12:00


Spec 312 mux 007 ccd 21218 temperature
C
-104
-105
-106
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 317 mux 007 Cryo
C
-178
-179
-180
-181
-182
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 317 mux 007 ccd 21133 temperature
C
-104
-105
-106
% Power
100
80
60
40
20
0
12:00
18:00
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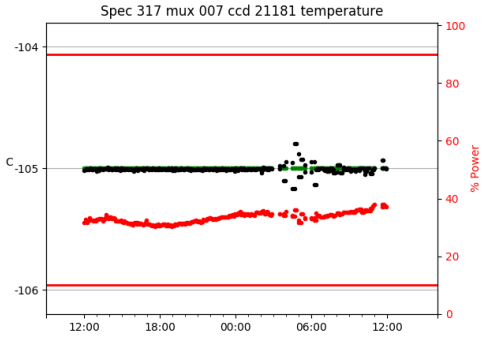
06:00
12:00


Spec 317 mux 007 ccd 21181 temperature
C
-104
-105
-106
% Power
100
80
60
40
20
0
12:00
18:00
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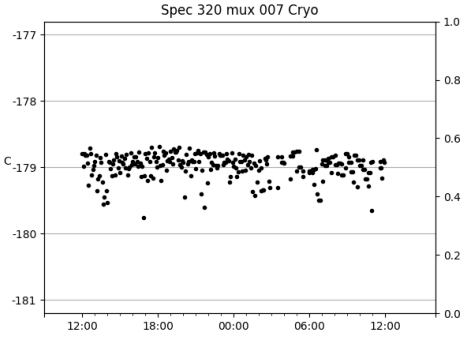
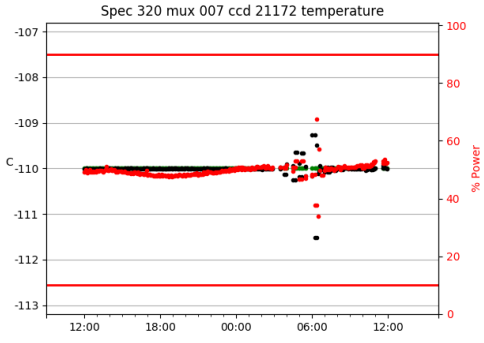
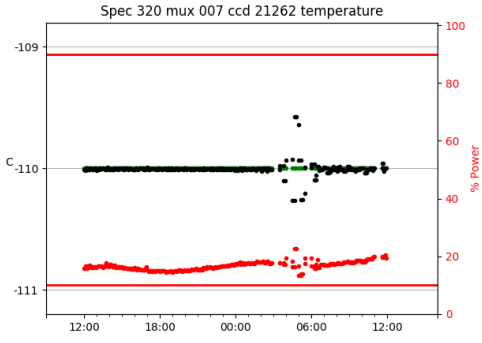
06:00
12:00


Spec 320 mux 007 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 320 mux 007 ccd 21172 temperature
C
-107
-108
-109
-110
-111
-112
-113
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 320 mux 007 ccd 21262 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
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12:00
18:00
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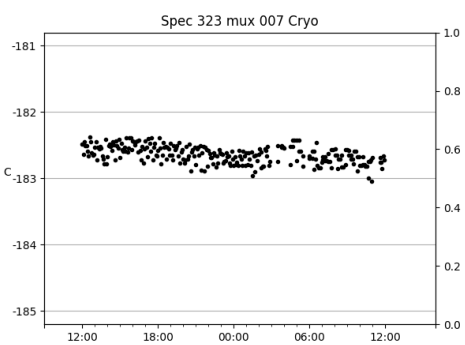
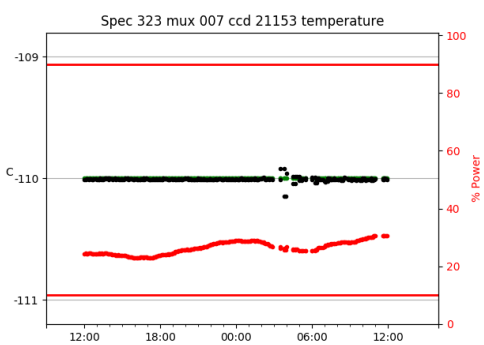
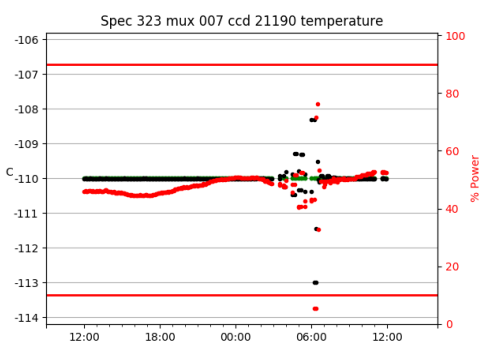
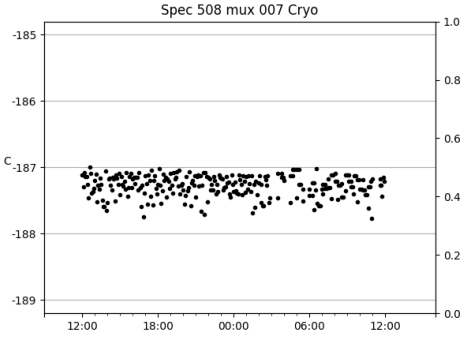
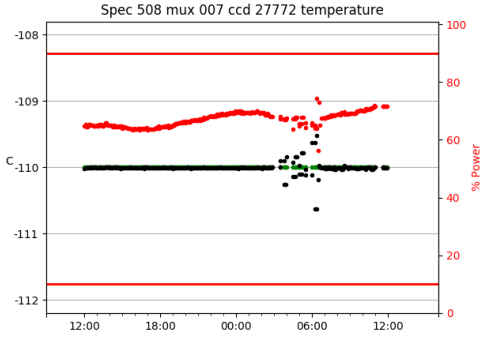
06:00
12:00

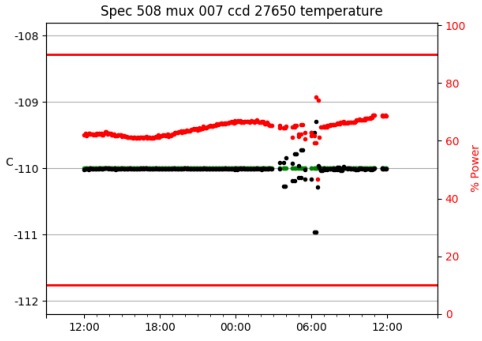

Spec 323 mux 007 Cryo
C
-181
-182
-183
-184
-185
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


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


Spec 323 mux 007 ccd 21190 temperature
C
-106
-107
-108
-109
-110
-111
-112
-113
-114
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 508 mux 007 Cryo
C
-185
-186
-187
-188
-189
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 508 mux 007 ccd 27772 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 508 mux 007 ccd 27650 temperature
C
-108
-109
-110
-111
-112
% Power
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80
60
40
20
0
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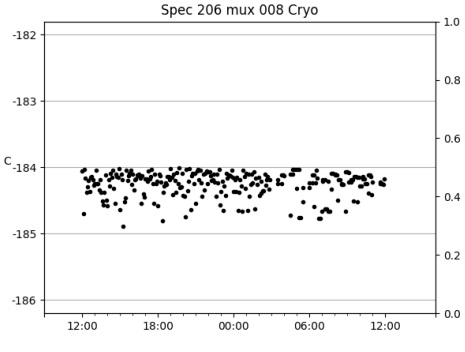
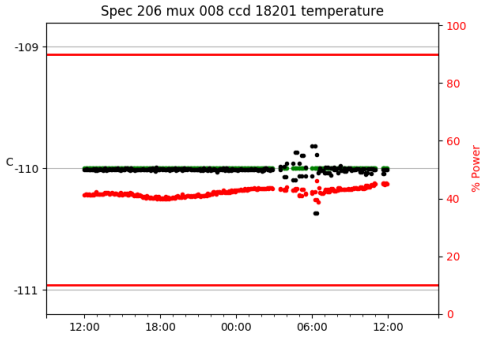
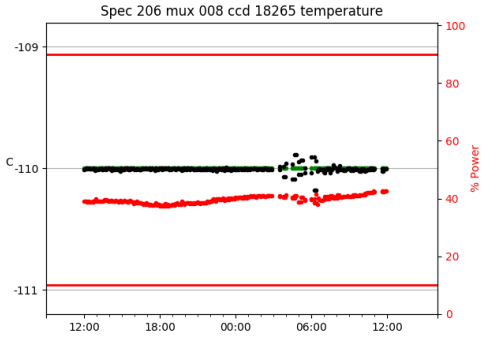
12:00


Spec 206 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
00:00
06:00
12:00


Spec 206 mux 008 ccd 18201 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 206 mux 008 ccd 18265 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
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12:00
18:00
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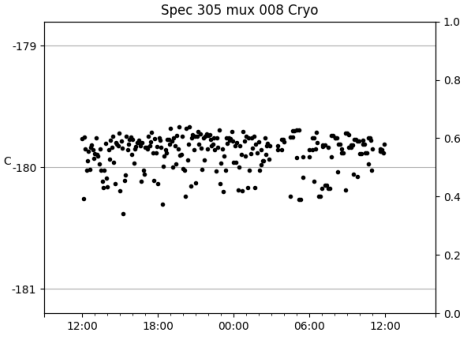
06:00
12:00


Spec 305 mux 008 Cryo
C
-179
-180
-181
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
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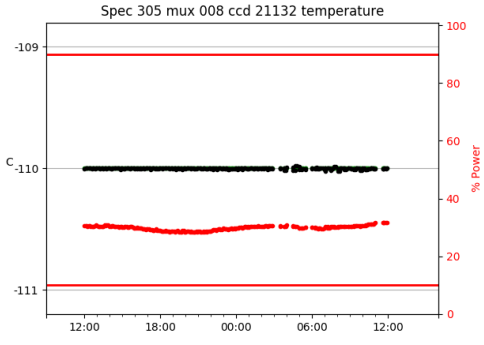
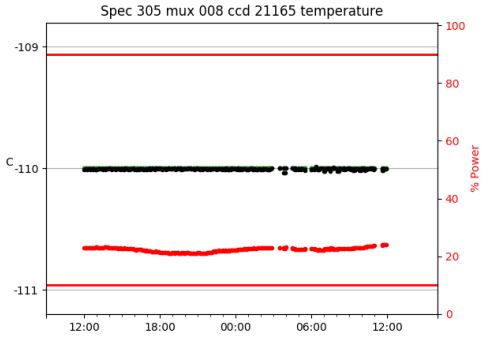
12:00


Spec 305 mux 008 ccd 21132 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 305 mux 008 ccd 21165 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
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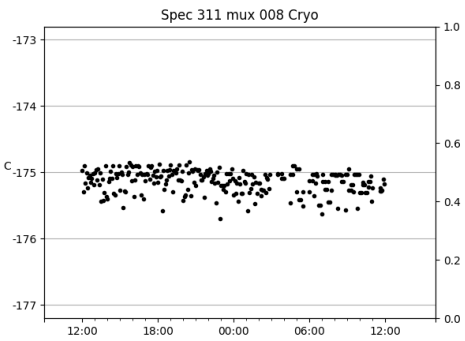
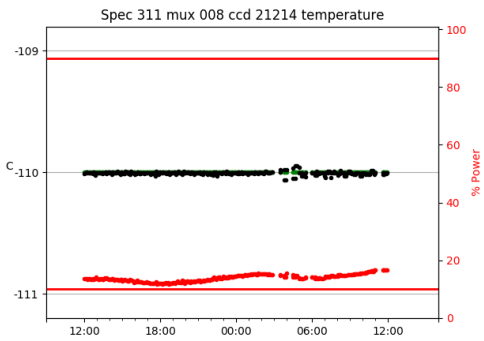
06:00
12:00


Spec 311 mux 008 Cryo
C
-173
-174
-175
-176
-177
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


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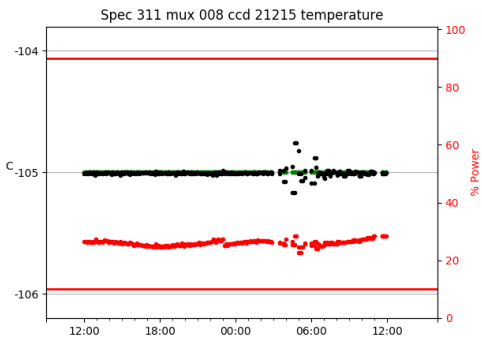
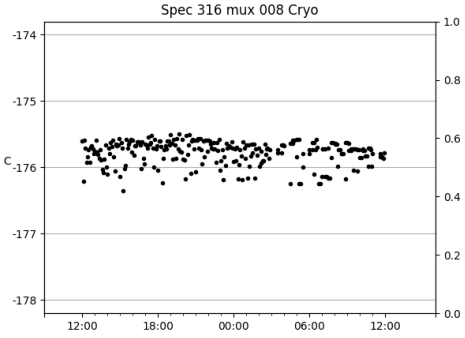
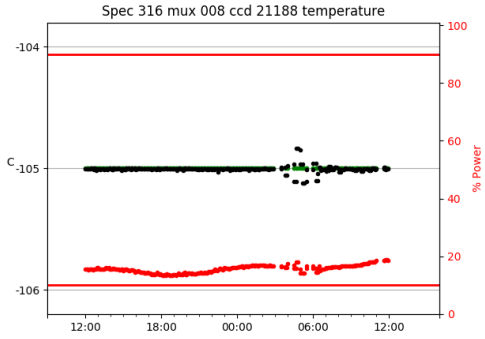
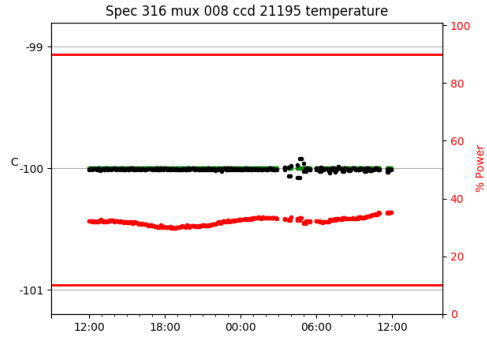
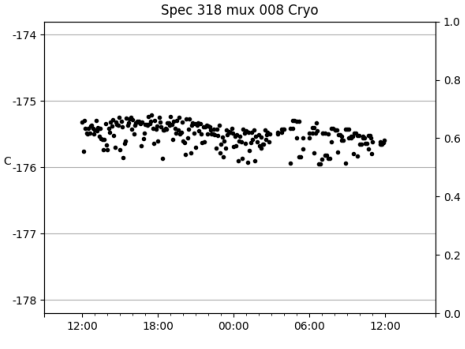
12:00
18:00
00:00
06:00
12:00

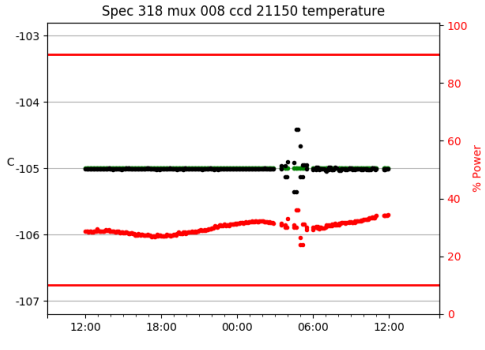

Spec 311 mux 008 ccd 21215 temperature
C
-104
-105
-106
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 316 mux 008 Cryo
C
-174
-175
-176
-177
-178
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 316 mux 008 ccd 21188 temperature
C
-104
-105
-106
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 316 mux 008 ccd 21195 temperature
C
-99
-100
-101
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 318 mux 008 Cryo
C
-174
-175
-176
-177
-178
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 318 mux 008 ccd 21150 temperature
C
-103
-104
-105
-106
-107
% Power
100
80
60
40
20
0
12:00
18:00
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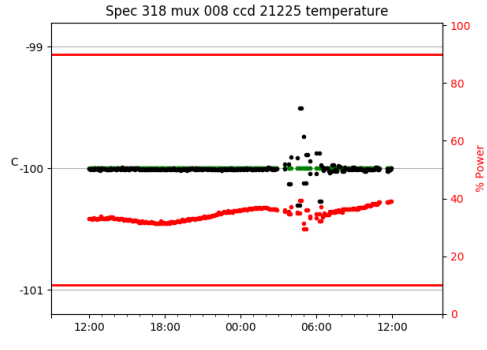
06:00
12:00


Spec 318 mux 008 ccd 21225 temperature
C
-99
-100
-101
% Power
100
80
60
40
20
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12:00
18:00
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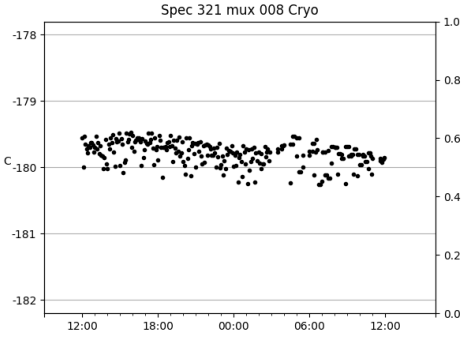
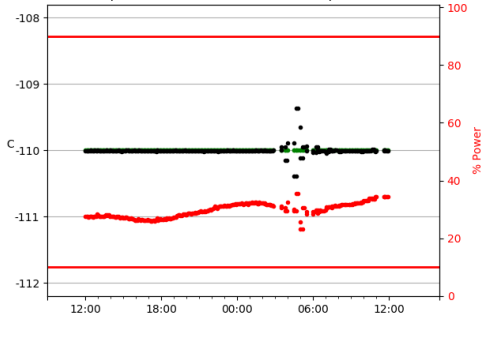
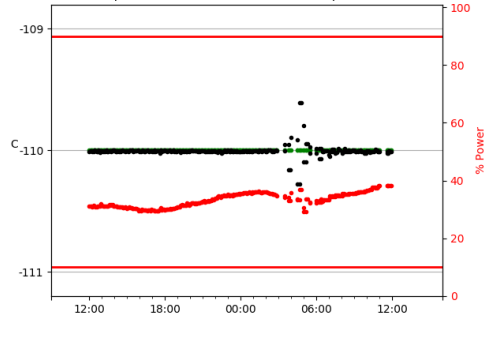
06:00
12:00


Spec 321 mux 008 Cryo
C
-178
-179
-180
-181
-182
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 321 mux 008 ccd 21155 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


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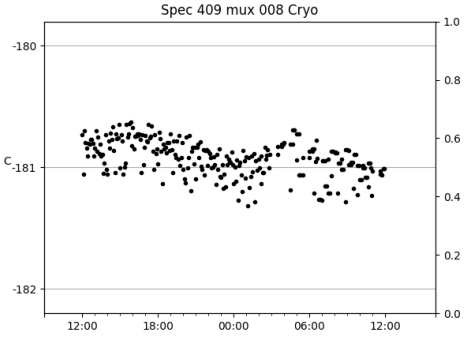
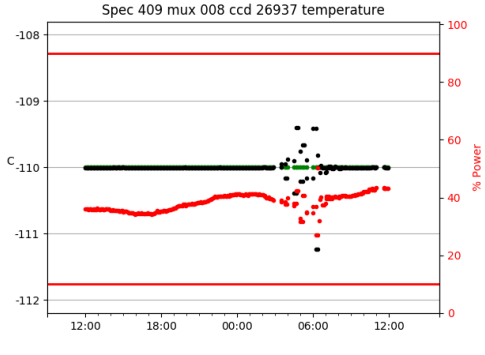
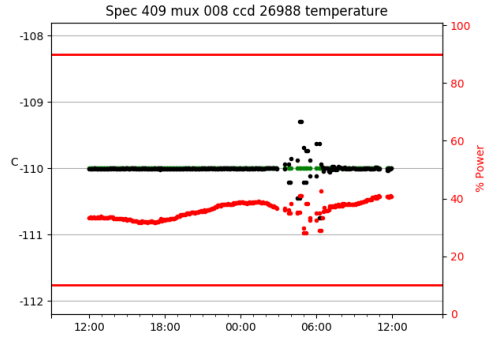
06:00
12:00


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


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


Spec 409 mux 008 ccd 26988 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
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12:00
18:00
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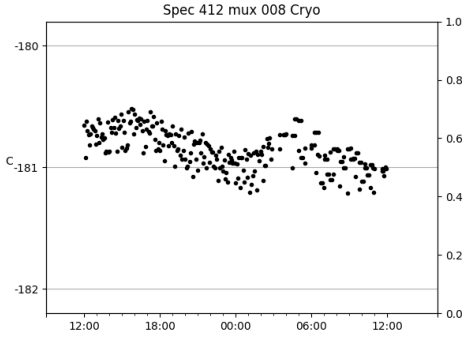
06:00
12:00


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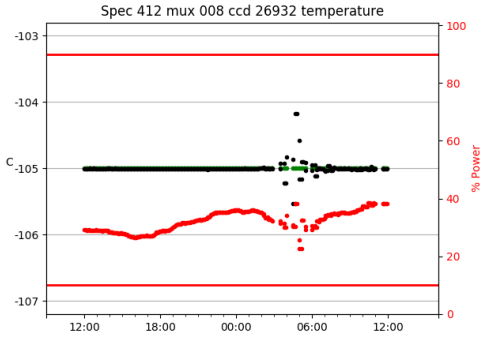
12:00


Spec 412 mux 008 ccd 26932 temperature
C
-103
-104
-105
-106
-107
% Power
100
80
60
40
20
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12:00
18:00
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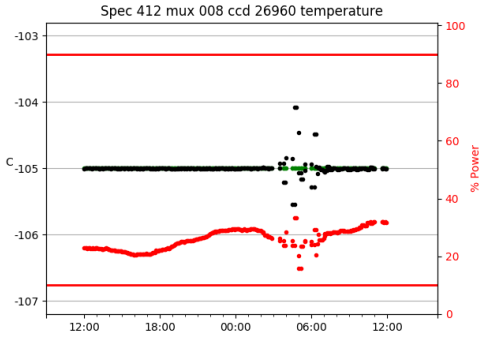
06:00
12:00


Spec 412 mux 008 ccd 26960 temperature
C
-103
-104
-105
-106
-107
% Power
100
80
60
40
20
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12:00
18:00
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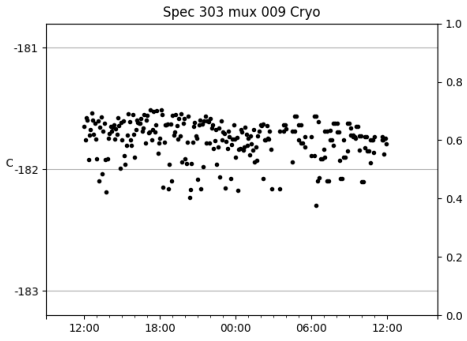
06:00
12:00


Spec 303 mux 009 Cryo
C
-181
-182
-183
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
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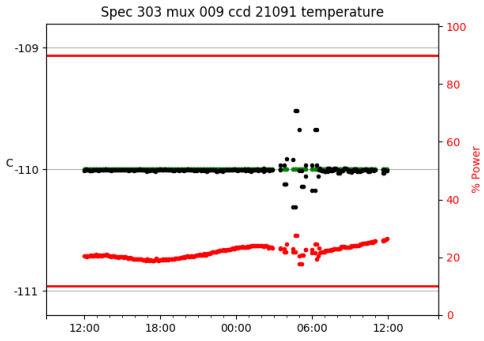
06:00
12:00


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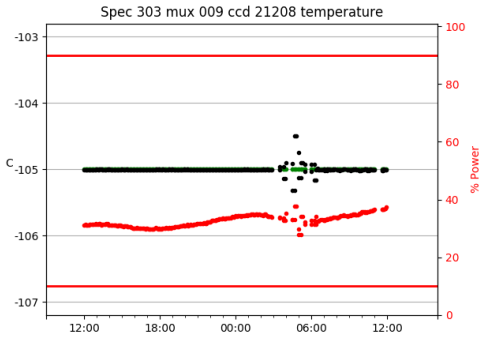
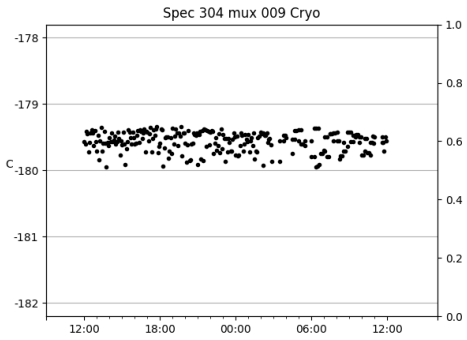
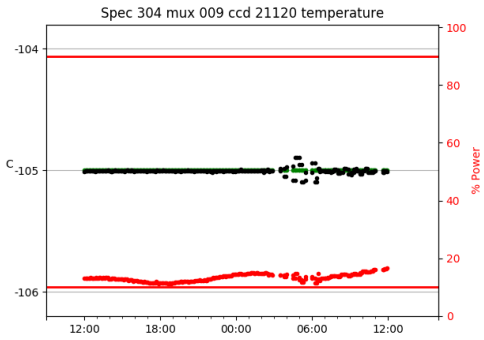
06:00
12:00


Spec 303 mux 009 ccd 21208 temperature
C
-103
-104
-105
-106
-107
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 304 mux 009 Cryo
C
-178
-179
-180
-181
-182
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 304 mux 009 ccd 21120 temperature
C
-104
-105
-106
% Power
100
80
60
40
20
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12:00
18:00
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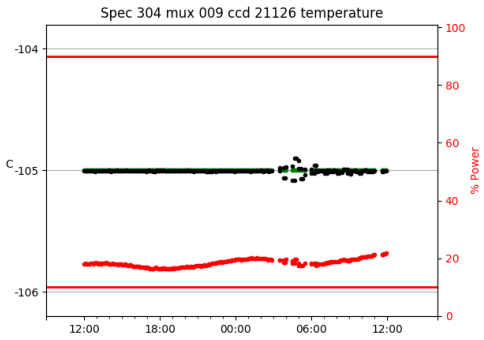
06:00
12:00


Spec 304 mux 009 ccd 21126 temperature
C
-104
-105
-106
% Power
100
80
60
40
20
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12:00
18:00
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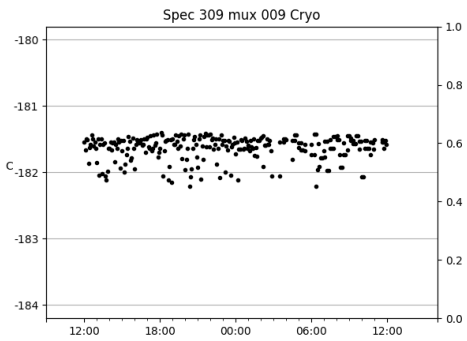
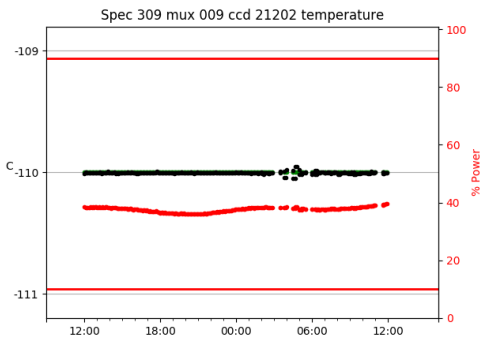
06:00
12:00


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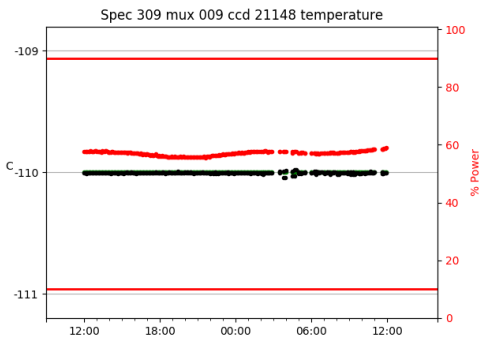
06:00
12:00


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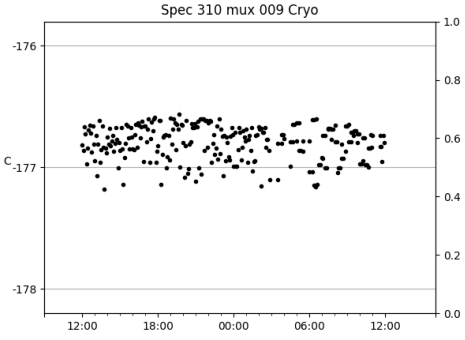
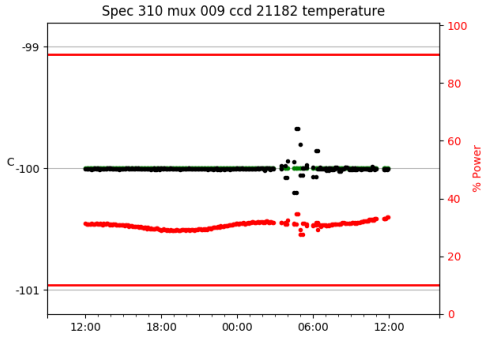
06:00
12:00


Spec 310 mux 009 Cryo
C
-176
-177
-178
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
-99
-100
-101
% Power
100
80
60
40
20
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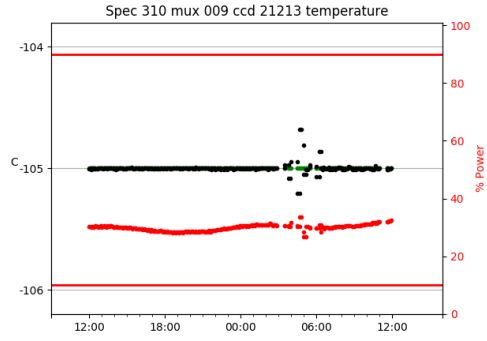
12:00
18:00
00:00
06:00
12:00


Spec 310 mux 009 ccd 21213 temperature
C
-104
-105
-106
% Power
100
80
60
40
20
0
12:00
18:00
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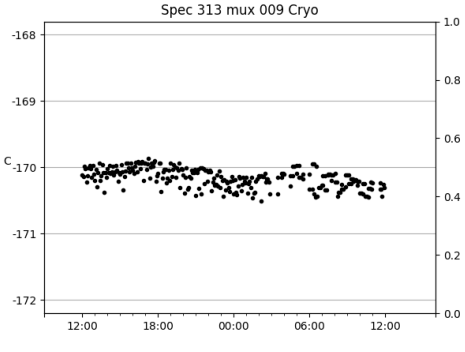
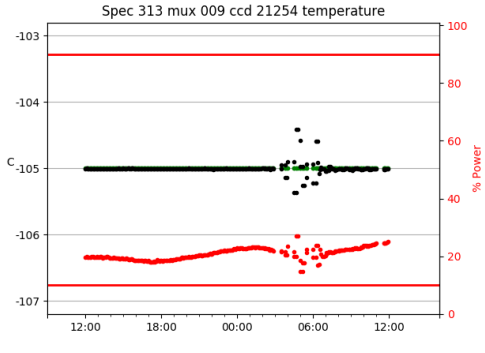
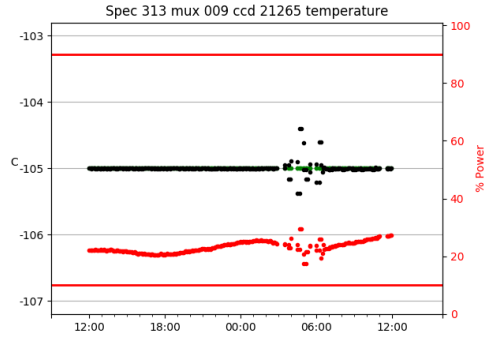
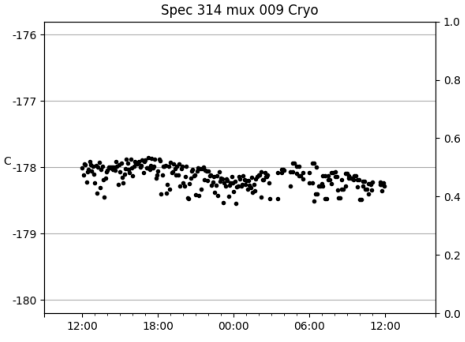
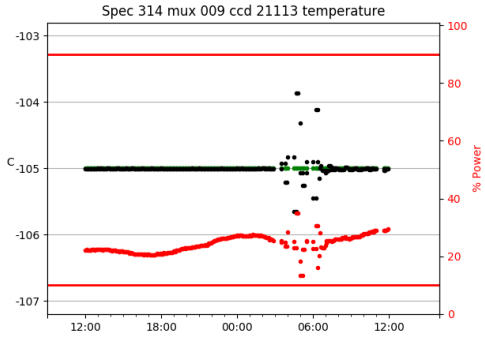
06:00
12:00

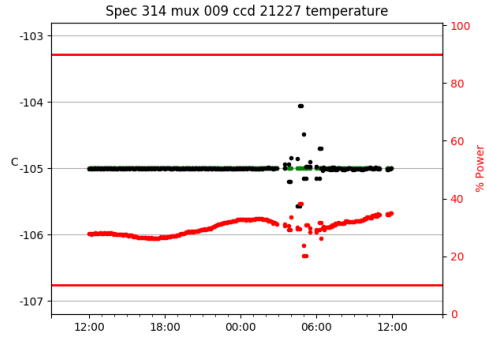

Spec 313 mux 009 Cryo
C
-168
-169
-170
-171
-172
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

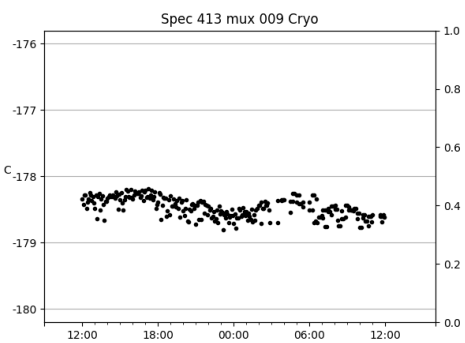

Spec 313 mux 009 ccd 21254 temperature
C
-103
-104
-105
-106
-107
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

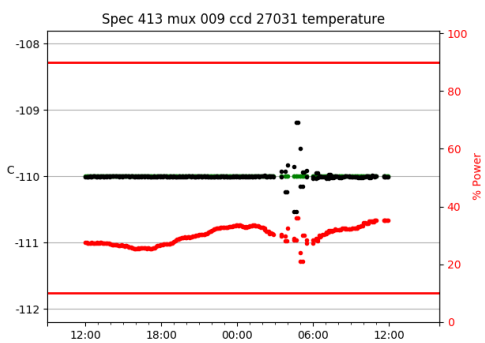

Spec 313 mux 009 ccd 21265 temperature
C
-103
-104
-105
-106
-107
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

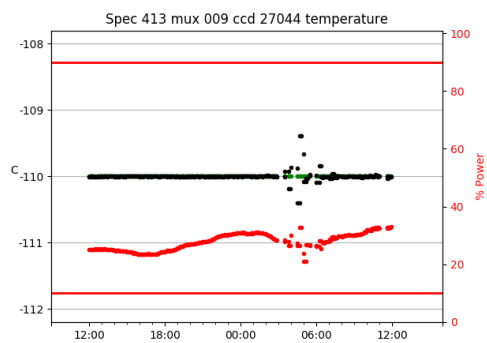

Spec 314 mux 009 Cryo
C
-176
-177
-178
-179
-180
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

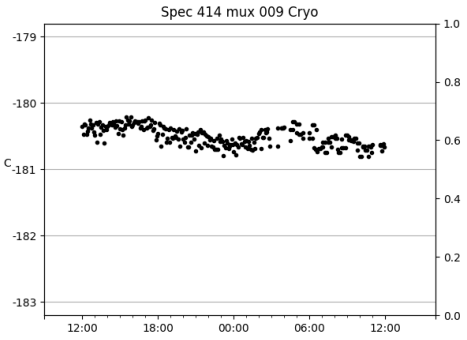

Spec 314 mux 009 ccd 21113 temperature
C
-103
-104
-105
-106
-107
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

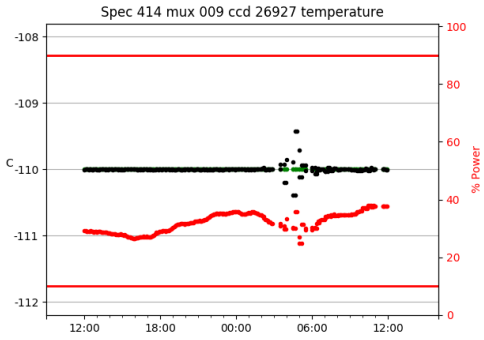

Spec 314 mux 009 ccd 21227 temperature
C
-103
-104
-105
-106
-107
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

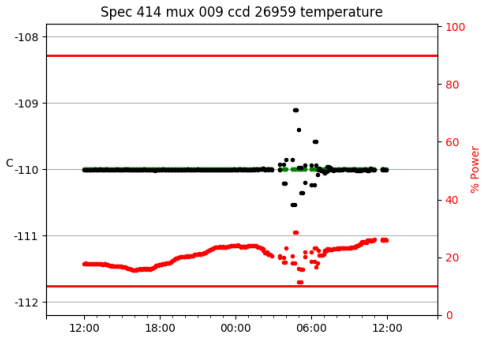

Spec 413 mux 009 Cryo
C
-176
-177
-178
-179
-180
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 413 mux 009 ccd 27031 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

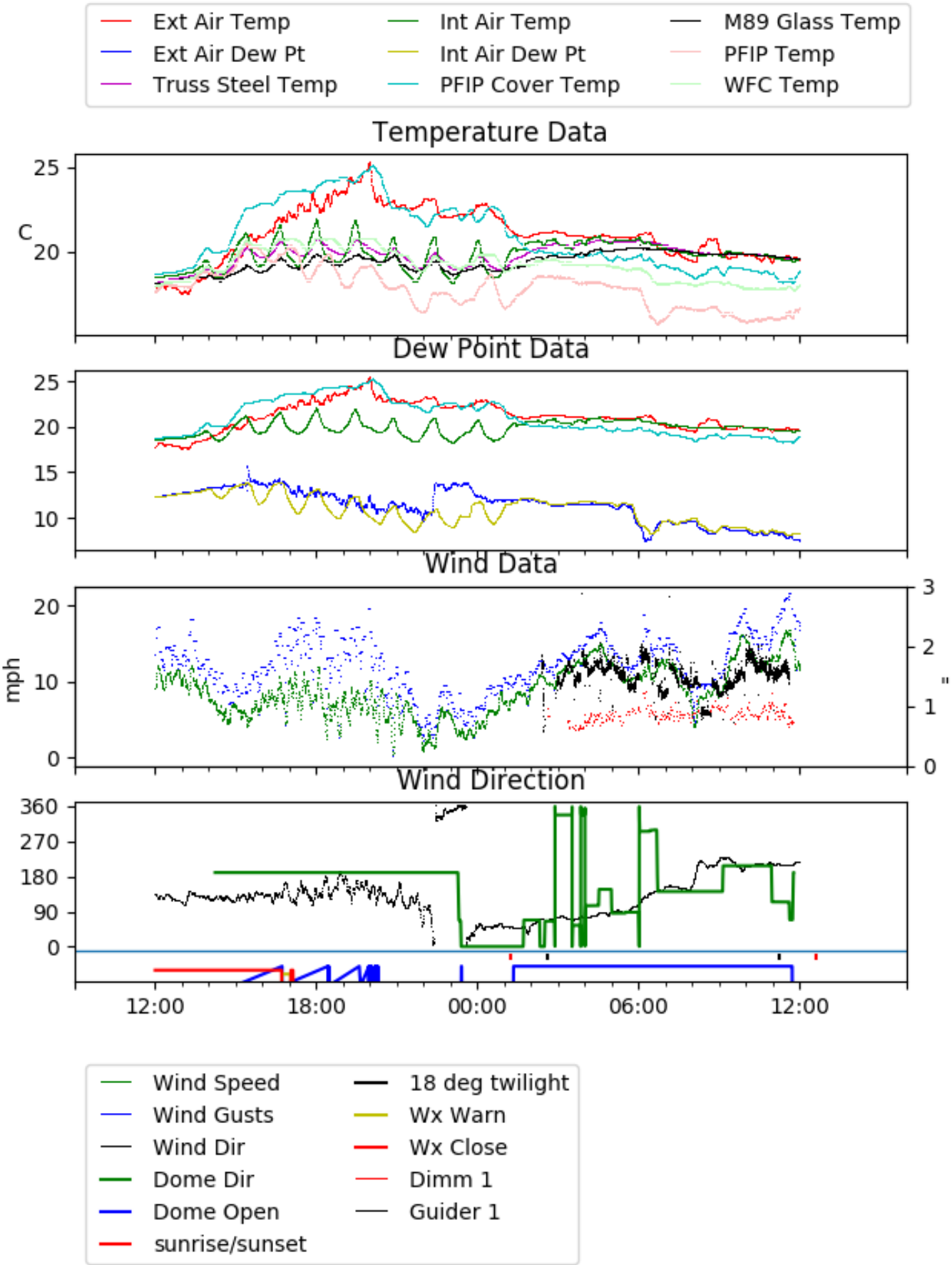

Spec 413 mux 009 ccd 27044 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 414 mux 009 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

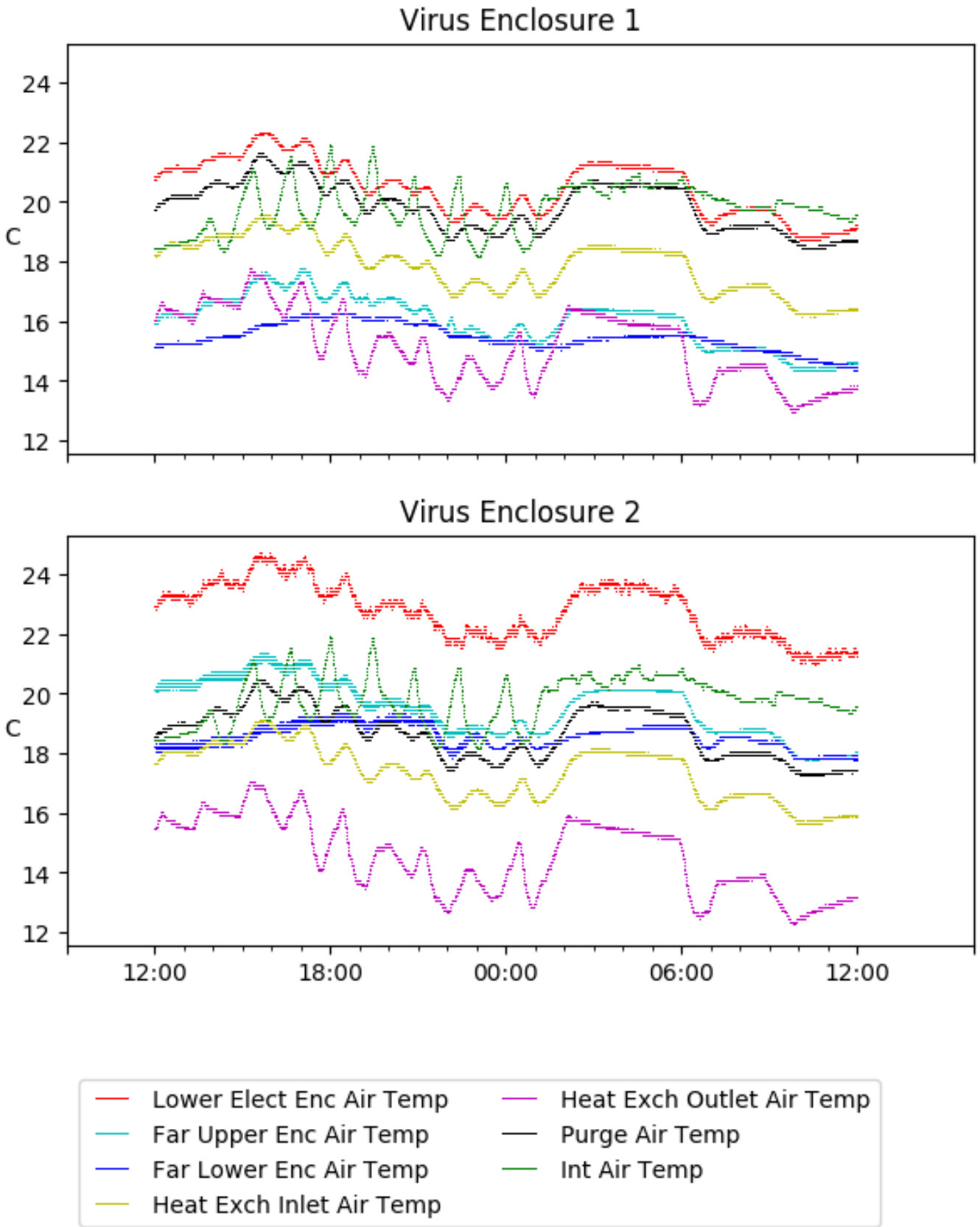

Spec 414 mux 009 ccd 26927 temperature
C
-108
-109
-110
-111
-112
100
80
60
40
20
0
% Power
12:00
18:00
00:00
06:00
12:00


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

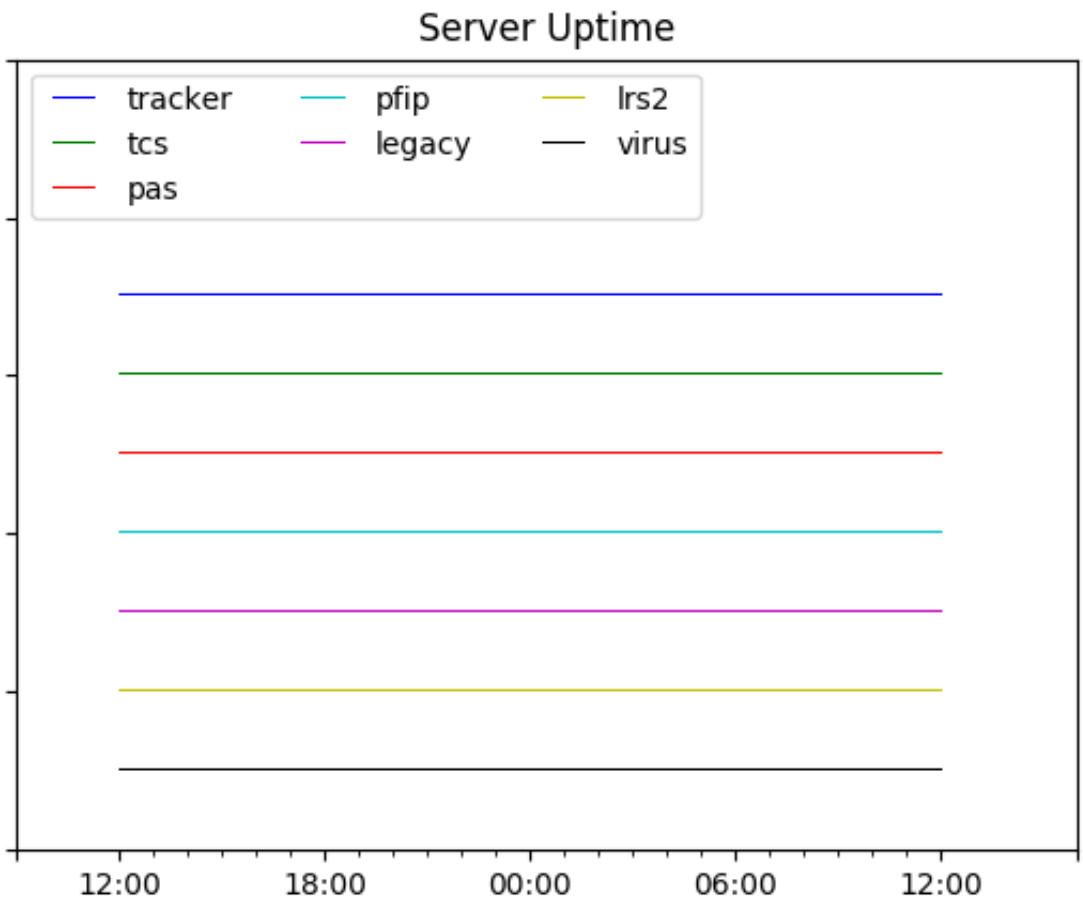
3 Weather


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

4 Virus Enclosures



5 Server Up Time

Current server run times:

tracker uptime: 15:04:57 (hh:mm:ss)
tcs uptime: 15:05:19 (hh:mm:ss)
pas uptime: 15:05:36 (hh:mm:ss)
pfip uptime: 15:05:41 (hh:mm:ss)
legacy uptime: 15:06:51 (hh:mm:ss)
lrs2 uptime: 1280:02:36 (hh:mm:ss)
virus uptime: 96:09:05 (hh:mm:ss)