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

2020-10-17 10:21:34 to 2020-10-18 23:59:59 UTC

Contents

1 Trajectories **2**
- 1.1 364 . . . 2
- 1.2 14 . . . 2
- 1.3 105 . . . 2
- 1.4 623 . . . 3
- 1.5 962 . . . 3
- 1.6 340 . . . 3
- 1.7 293 . . . 3
- 1.8 361 . . . 4
- 1.9 124 . . . 4
- 1.10 724 . . . 4
- 1.11 341 . . . 4
- 1.12 728 . . . 5
- 1.13 78 . . . 5
- 1.14 891 . . . 5
- 1.15 387 . . . 6
- 1.16 444 . . . 6
- 1.17 465 . . . 6
- 1.18 834 . . . 7
- 1.19 950 . . . 7
- 1.20 198 . . . 7
- 1.21 342 . . . 8
- 1.22 973 . . . 8
- 1.23 875 . . . 8
- 1.24 889 . . . 9
- 1.25 844 . . . 9
- 1.26 83 . . . 9
- 1.27 777 . . . 9
- 1.28 115 . . . 10
- 1.29 82 . . . 10

2 Spectrographs **11**
- 2.1 Legend . . . 11
- 2.2 lrs2 . . . 11
- 2.3 virus . . . 11

3 Weather **30**

4 Virus Enclosures **31**

5 Server Up Time **32**

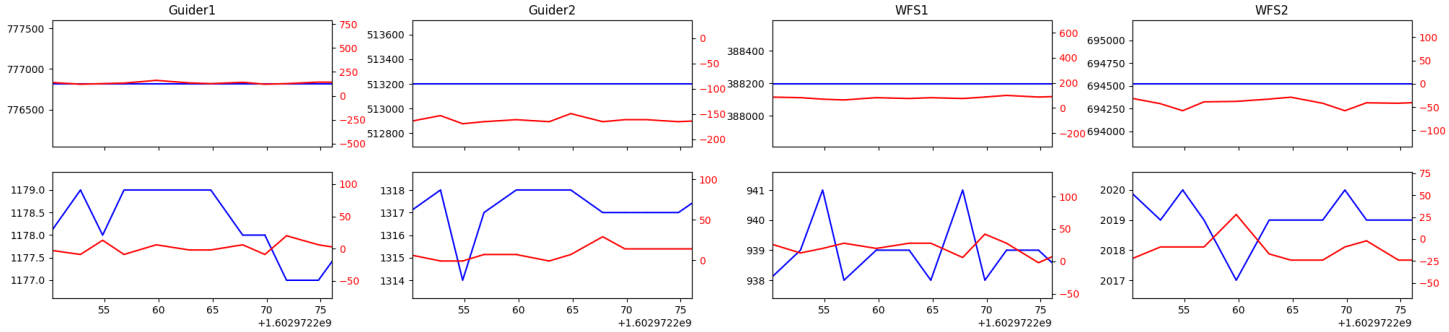
*This report has been automatically generated. Id: status_report.py 11785 2020-07-03 20:09:14Z fowler

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.

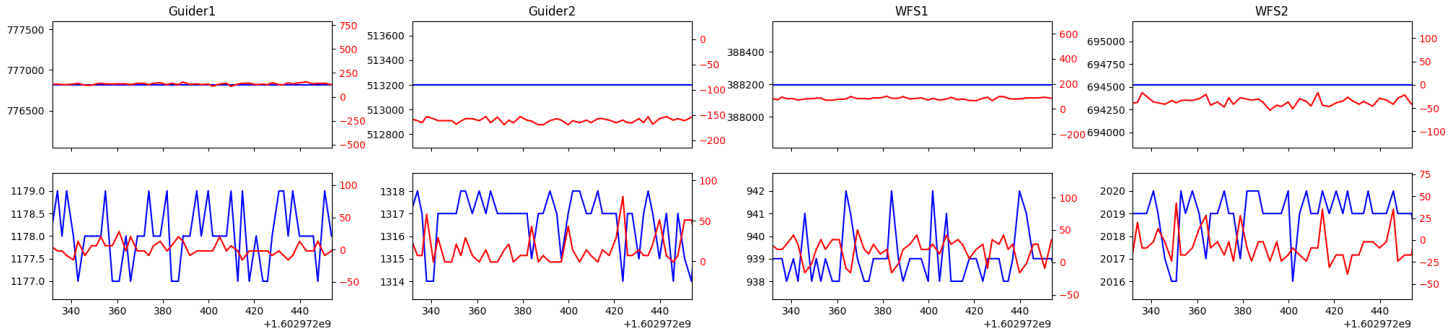
1.1 364

Trajectory 364 for desired Azimuth 177.699065 was loaded at 22:03:21.76. The go_next command was sent at 22:03:21.769 and took 48.404 seconds to complete. The trajectory was cancelled at 22:04:36.04. The trajectory was stopped at 22:04:40.96 with the message "Reached end of track.".



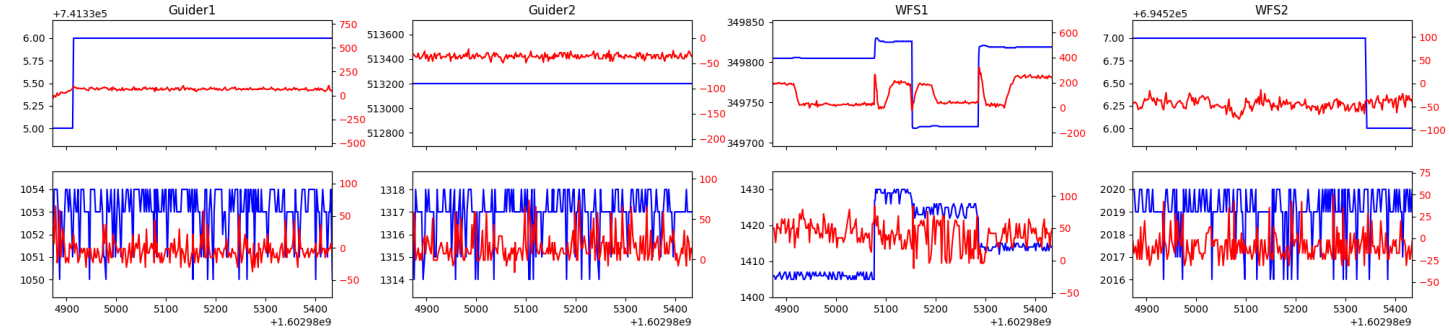
1.2 14

Trajectory 14 for desired Azimuth 65.453 was loaded at 22:04:41.61. The go_next command was sent at 22:04:43.007 and took 127.878 seconds to complete. The trajectory was cancelled at 22:07:34.06. The trajectory was stopped at 22:07:39.36 with the message "Reached end of track.".



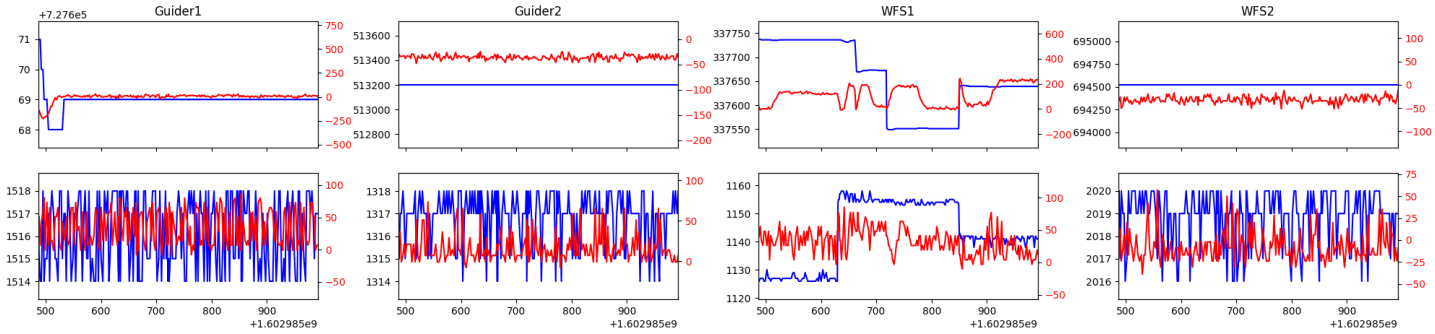
1.3 105

Trajectory 105 for desired Azimuth 147.096373 was loaded at 01:32:53.94. The go_next command was sent at 01:33:04.956 and took 105.832 seconds to complete. The setup took 151.10 seconds at an actual azimuth of 147.107732 The trajectory was cancelled at 01:43:53.26. The trajectory was stopped at 01:43:58.19 with the message "Reached end of track.".



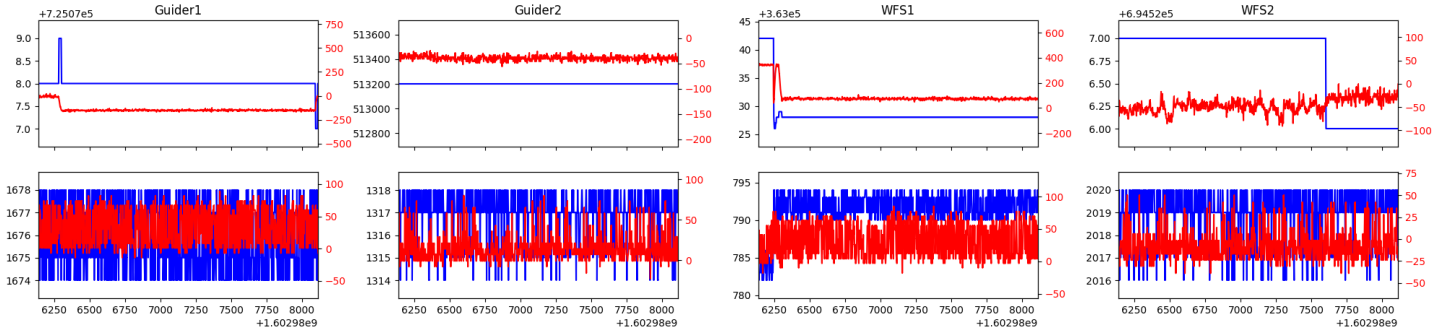
1.4 623

Trajectory 623 for desired Azimuth 147.050517 was loaded at 01:44:00.34. The go_next command was sent at 01:44:10.614 and took 56.300 seconds to complete. The setup took 105.25 seconds at an actual azimuth of 147.053307 The trajectory was cancelled at 01:53:12.02. The trajectory was stopped at 01:53:17.74 with the message "Reached end of track.".



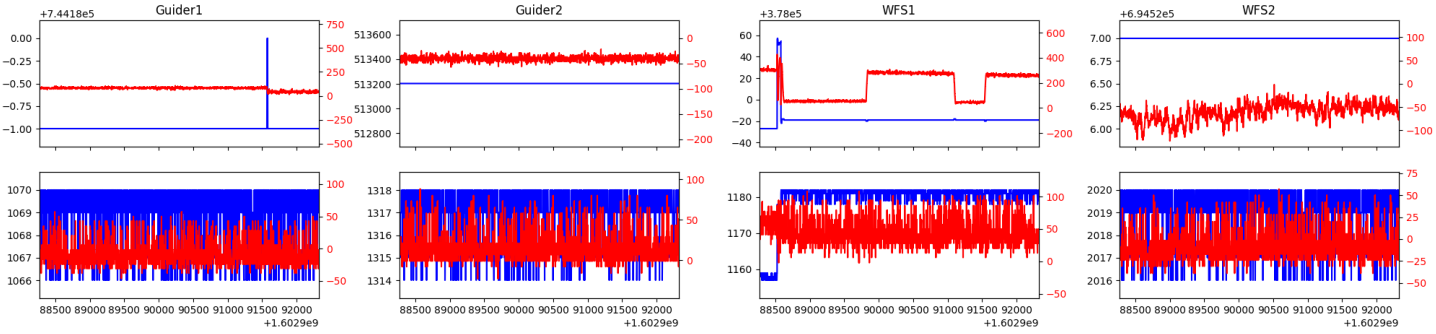
1.5 962

Trajectory 962 for desired Azimuth 109.429557 was loaded at 01:53:19.70. The go_next command was sent at 01:53:28.014 and took 128.005 seconds to complete. The setup took 103.33 seconds at an actual azimuth of 109.433153 The trajectory was cancelled at 02:28:32.05. The trajectory was stopped at 02:28:37.31 with the message "Reached end of track.".



1.6 340

Trajectory 340 for desired Azimuth 59.800419 was loaded at 02:28:39.34. The go_next command was sent at 02:28:47.081 and took 140.417 seconds to complete. The setup took 243.39 seconds at an actual azimuth of 59.802331 The trajectory was cancelled at 03:38:41.63. The trajectory was stopped at 03:38:47.09 with the message "Reached end of track.".

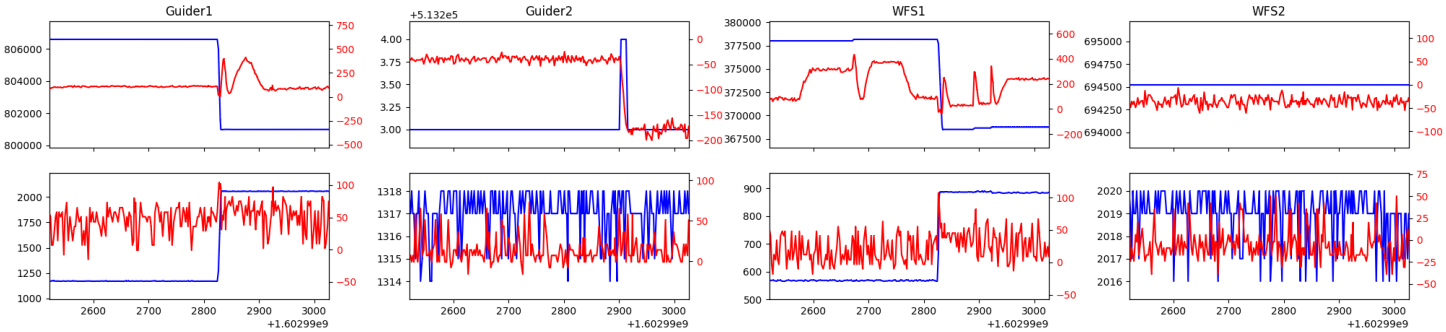


1.7 293

Trajectory 293 for desired Azimuth 87.206279 was loaded at 03:38:49.50. The trajectory was never started.

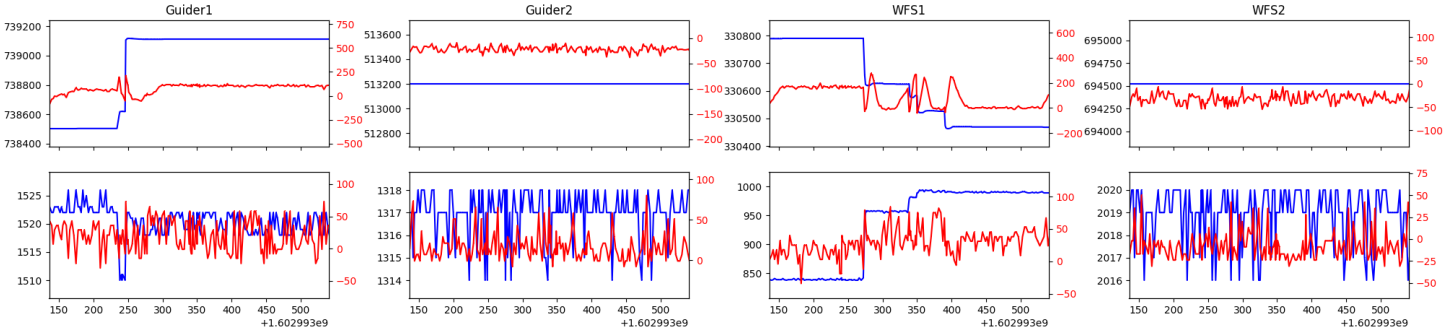
1.8 361

Trajectory 361 for desired Azimuth 272.845584 was loaded at 03:39:54.84. The go_next command was sent at 03:40:07.581 and took 162.833 seconds to complete. The setup took 309.87 seconds at an actual azimuth of 272.849666 The trajectory was cancelled at 03:50:26.25. The trajectory was stopped at 03:50:31.19 with the message "Reached end of track.".



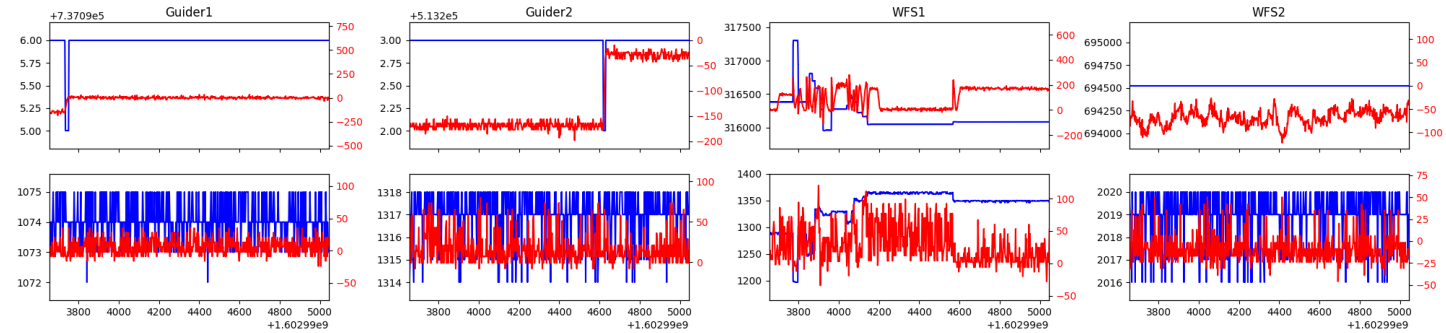
1.9 124

Trajectory 124 for desired Azimuth 247.789738 was loaded at 03:50:33.13. The go_next command was sent at 03:50:41.015 and took 95.341 seconds to complete. The setup took 167.25 seconds at an actual azimuth of 247.793835 The trajectory was cancelled at 03:59:00.51. The trajectory was stopped at 03:59:05.94 with the message "Reached end of track.".



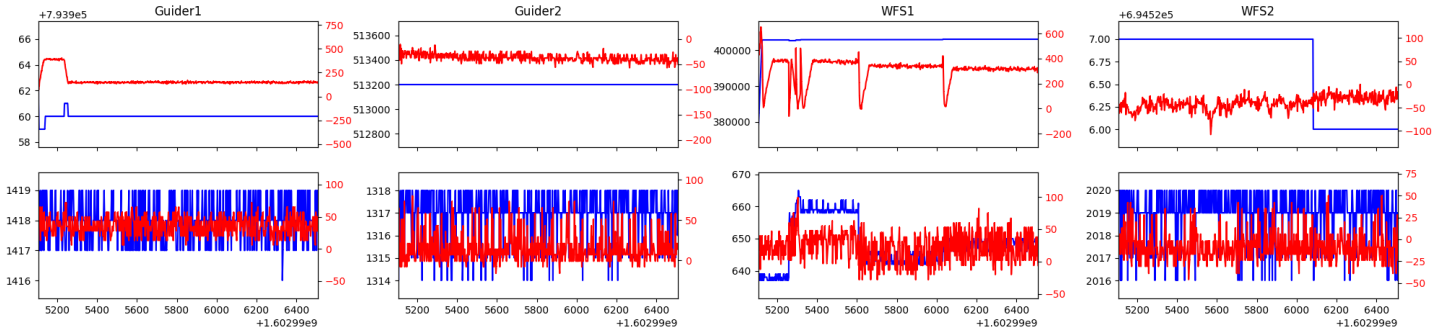
1.10 724

Trajectory 724 for desired Azimuth 141.2852 was loaded at 03:59:06.24. The go_next command was sent at 03:59:12.390 and took 124.870 seconds to complete. The setup took 60.32 seconds at an actual azimuth of 141.288807 The trajectory was cancelled at 04:24:04.42. The trajectory was stopped at 04:24:10.12 with the message "Reached end of track.".



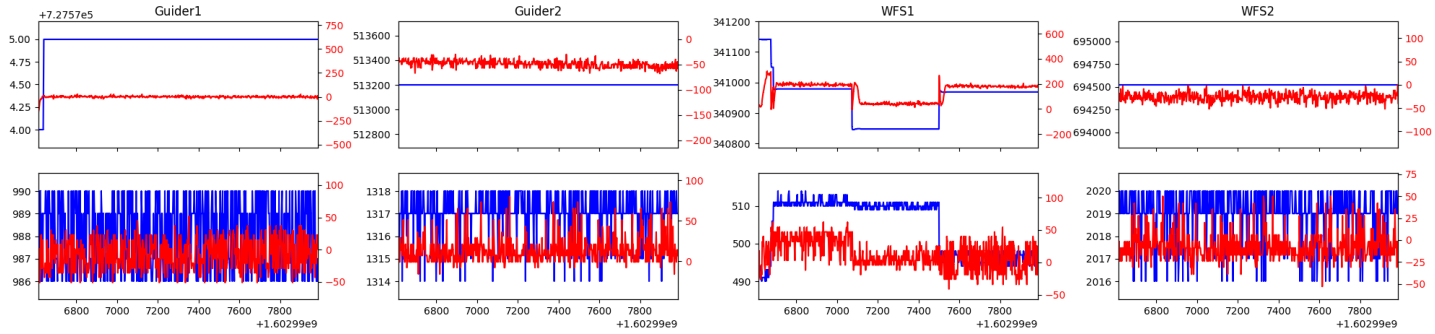
1.11 341

Trajectory 341 for desired Azimuth 141.2887 was loaded at 04:24:10.42. The go_next command was sent at 04:24:16.890 and took 76.803 seconds to complete. The setup took 69.49 seconds at an actual azimuth of 141.288708 The trajectory was cancelled at 04:48:28.50. The trajectory was stopped at 04:48:33.59 with the message "Reached end of track.".



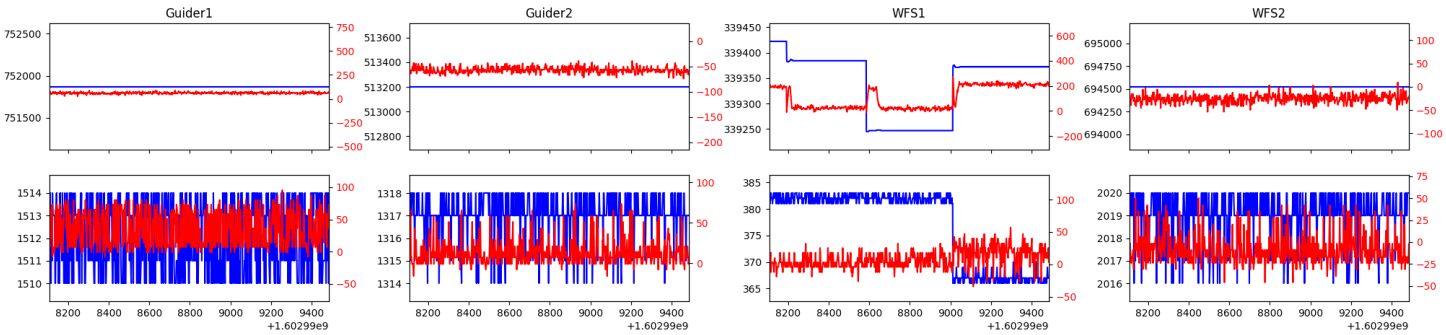
1.12 728

Trajectory 728 for desired Azimuth 141.2887 was loaded at 04:48:33.90. The go_next command was sent at 04:48:45.545 and took 87.333 seconds to complete. The setup took 56.12 seconds at an actual azimuth of 141.288708 The trajectory was cancelled at 05:13:04.47. The trajectory was stopped at 05:13:09.41 with the message "Reached end of track.".



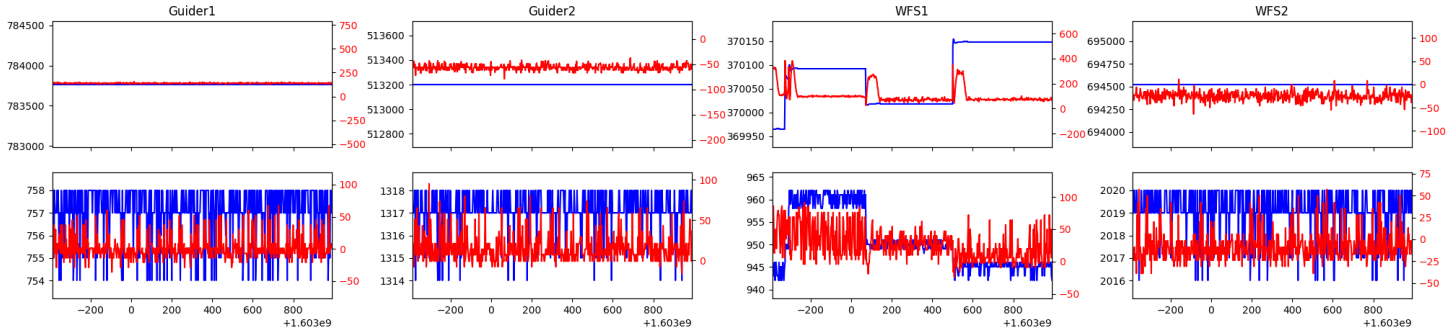
1.13 78

Trajectory 78 for desired Azimuth 141.2887 was loaded at 05:13:09.72. The go_next command was sent at 05:13:12.646 and took 113.358 seconds to complete. The setup took 75.23 seconds at an actual azimuth of 141.288708 The trajectory was cancelled at 05:38:06.00. The trajectory was stopped at 05:38:10.95 with the message "Reached end of track.".



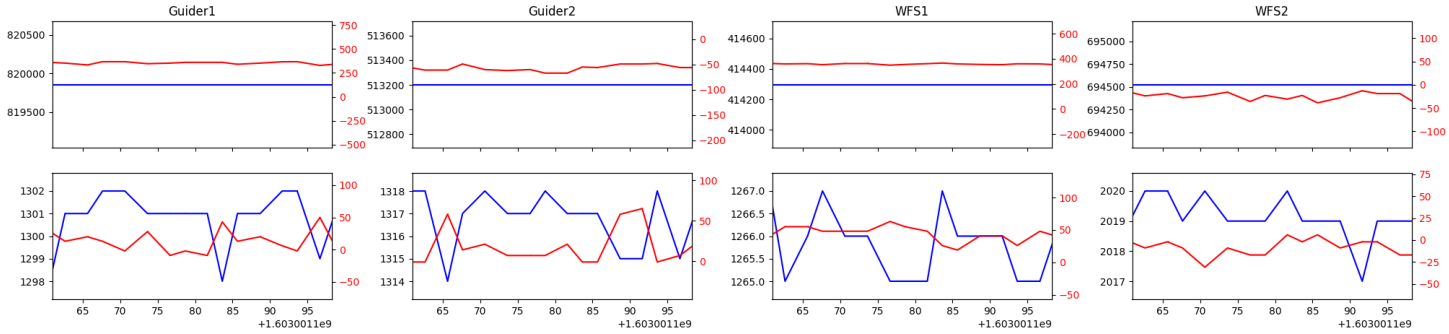
1.14 891

Trajectory 891 for desired Azimuth 141.2887 was loaded at 05:38:11.26. The go_next command was sent at 05:38:15.823 and took 114.948 seconds to complete. The setup took 59.24 seconds at an actual azimuth of 141.288708 The trajectory was cancelled at 06:03:10.13. The trajectory was stopped at 06:03:15.73 with the message "Reached end of track.".



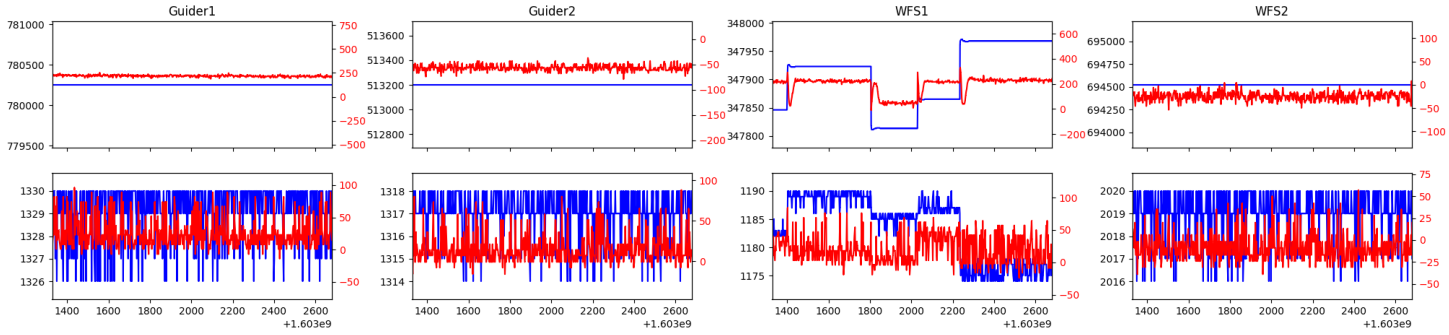
1.15 387

Trajectory 387 for desired Azimuth 203.271386 was loaded at 06:03:19.52. The go_next command was sent at 06:03:35.005 and took 146.210 seconds to complete. The trajectory was cancelled at 06:06:38.24. The trajectory was stopped at 06:06:43.90 with the message "Reached end of track.".



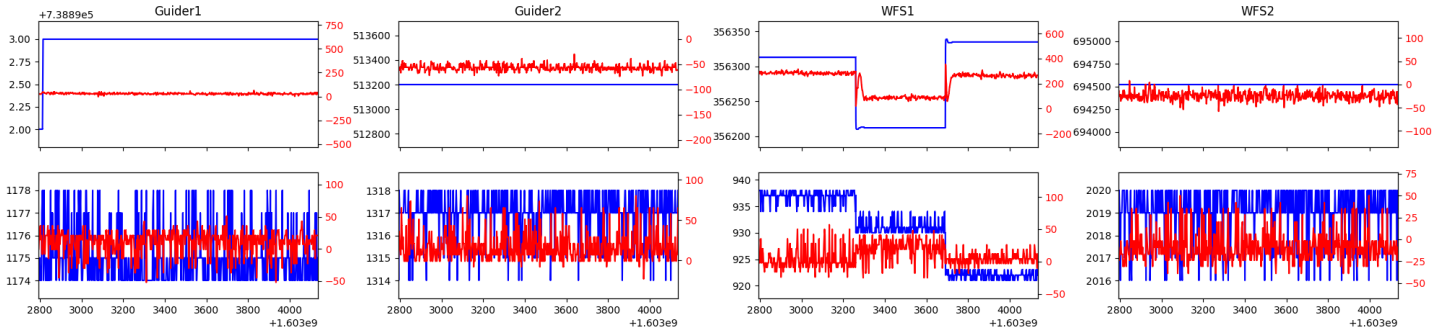
1.16 444

Trajectory 444 for desired Azimuth 152.252251 was loaded at 06:06:46.31. The go_next command was sent at 06:07:00.967 and took 107.310 seconds to complete. The setup took 70.00 seconds at an actual azimuth of 152.25678 The trajectory was cancelled at 06:31:18.91. The trajectory was stopped at 06:31:23.98 with the message "Reached end of track.".



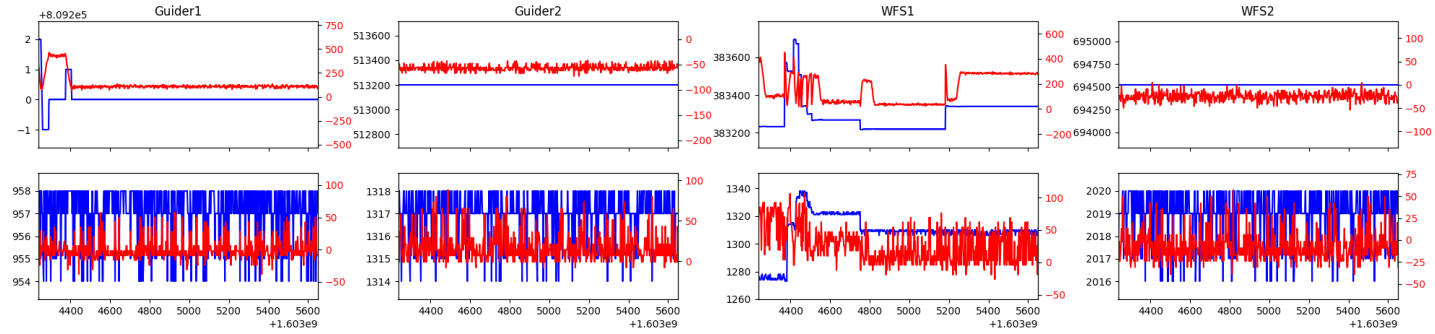
1.17 465

Trajectory 465 for desired Azimuth 207.217198 was loaded at 06:31:27.15. The go_next command was sent at 06:31:39.733 and took 92.895 seconds to complete. The setup took 59.42 seconds at an actual azimuth of 207.220221 The trajectory was cancelled at 06:55:35.44. The trajectory was stopped at 06:55:40.36 with the message "Reached end of track.".



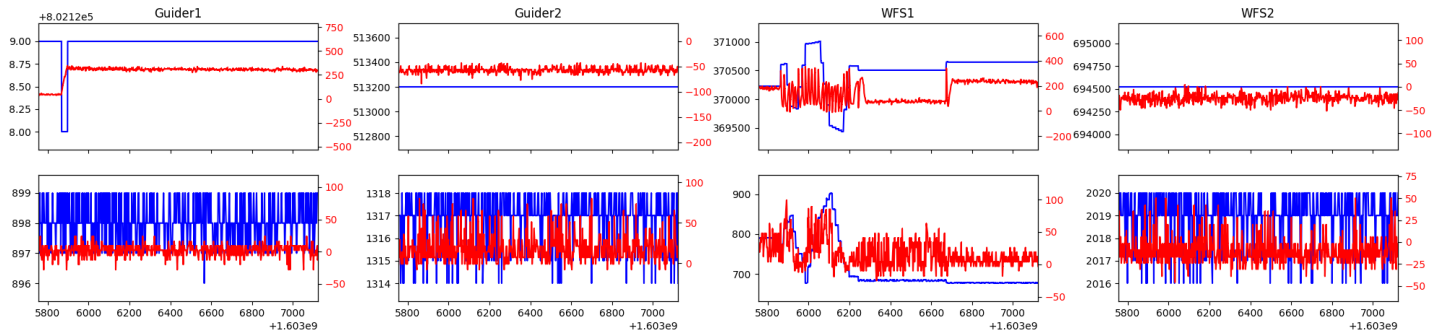
1.18 834

Trajectory 834 for desired Azimuth 205.95297 was loaded at 06:55:42.70. The go_next command was sent at 06:55:55.494 and took 80.798 seconds to complete. The setup took 105.71 seconds at an actual azimuth of 205.952051 The trajectory was cancelled at 07:20:49.72. The trajectory was stopped at 07:20:54.87 with the message "Reached end of track.".



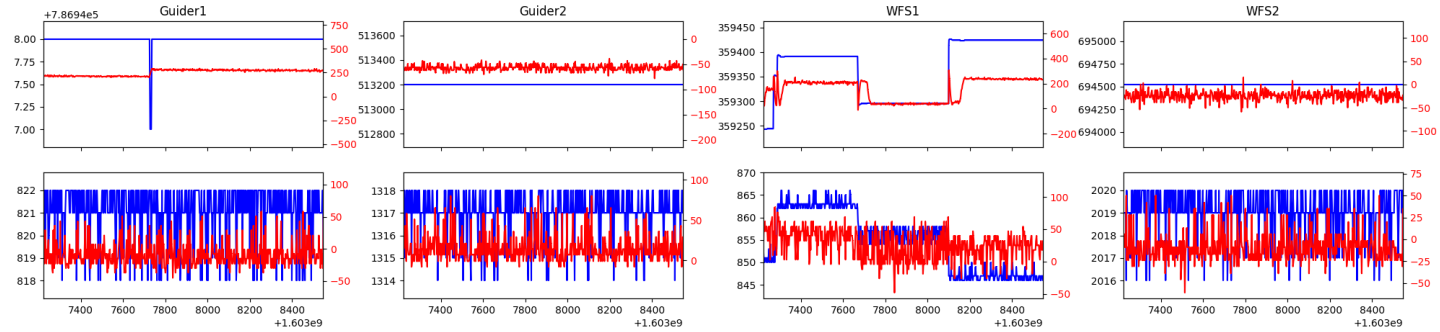
1.19 950

Trajectory 950 for desired Azimuth 207.185554 was loaded at 07:20:58.00. The go_next command was sent at 07:21:10.730 and took 83.038 seconds to complete. The setup took 72.77 seconds at an actual azimuth of 207.187637 The trajectory was cancelled at 07:45:21.85. The trajectory was stopped at 07:45:26.84 with the message "Reached end of track.".



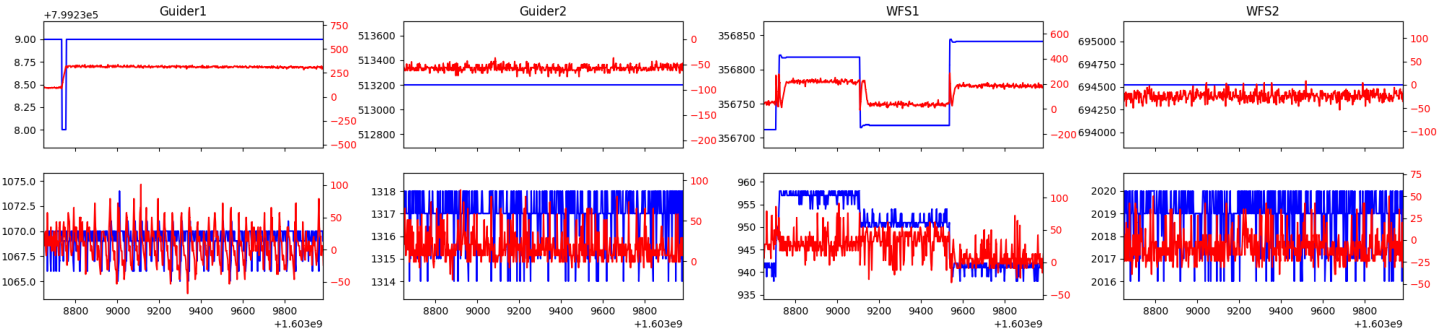
1.20 198

Trajectory 198 for desired Azimuth 208.972926 was loaded at 07:45:29.20. The go_next command was sent at 07:45:38.444 and took 83.657 seconds to complete. The setup took 44.24 seconds at an actual azimuth of 208.974989 The trajectory was cancelled at 08:09:06.51. The trajectory was stopped at 08:09:11.84 with the message "Reached end of track.".



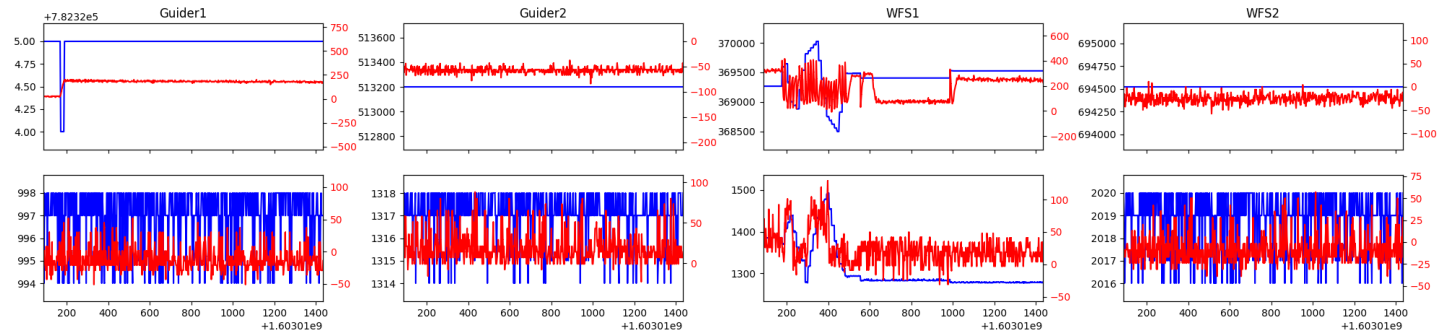
1.21 342

Trajectory 342 for desired Azimuth 208.349714 was loaded at 08:09:13.95. The go_next command was sent at 08:09:22.823 and took 82.376 seconds to complete. The setup took 53.82 seconds at an actual azimuth of 208.351279 The trajectory was cancelled at 08:33:04.72. The trajectory was stopped at 08:33:09.79 with the message "Reached end of track.".



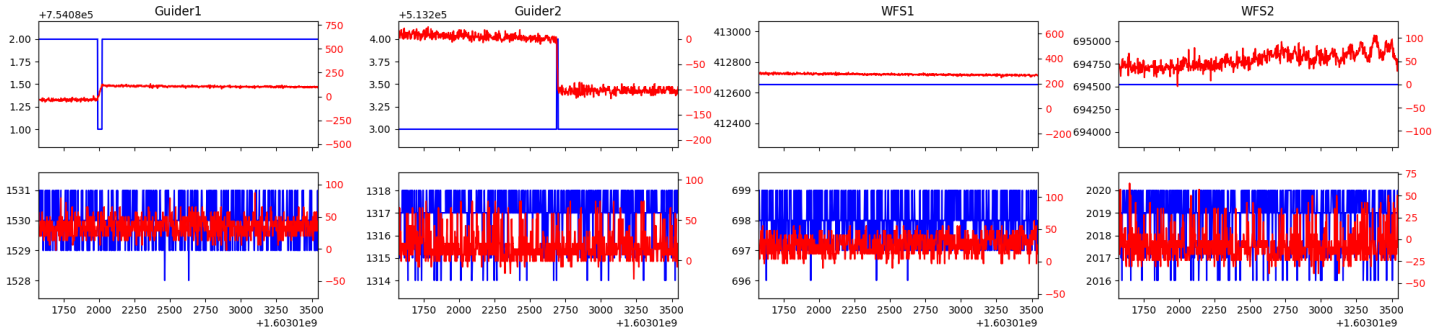
1.22 973

Trajectory 973 for desired Azimuth 217.198483 was loaded at 08:33:12.32. The go_next command was sent at 08:33:22.161 and took 84.987 seconds to complete. The setup took 48.79 seconds at an actual azimuth of 217.199872 The trajectory was cancelled at 08:57:13.68. The trajectory was stopped at 08:57:19.29 with the message "Reached end of track.".



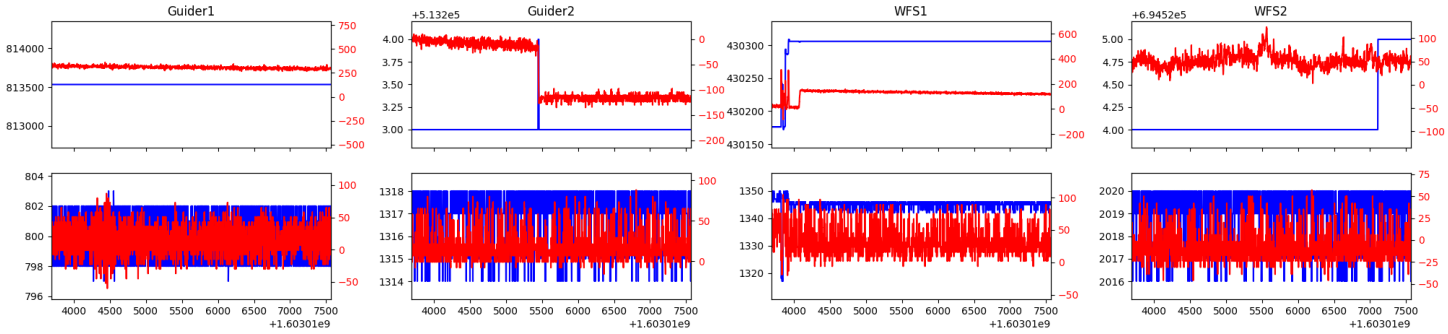
1.23 875

Trajectory 875 for desired Azimuth 301.356012 was loaded at 08:57:21.51. The go_next command was sent at 08:57:30.589 and took 121.581 seconds to complete. The setup took 89.72 seconds at an actual azimuth of 301.356782 The trajectory was cancelled at 09:32:22.71. The trajectory was stopped at 09:32:27.93 with the message "Reached end of track.".



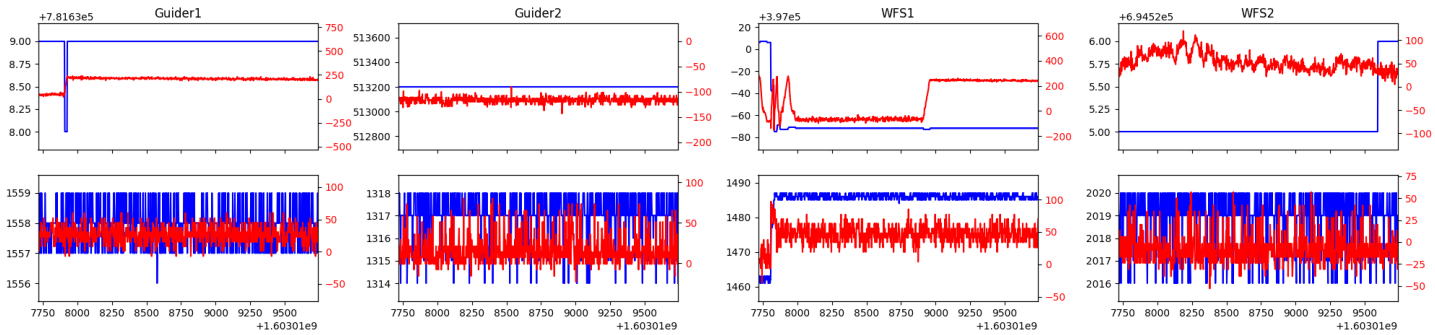
1.24 889

Trajectory 889 for desired Azimuth 301.337145 was loaded at 09:32:30.06. The go_next command was sent at 09:32:38.858 and took 129.277 seconds to complete. The setup took 120.14 seconds at an actual azimuth of 301.337163 The trajectory was cancelled at 10:39:25.83. The trajectory was stopped at 10:39:31.41 with the message "Reached end of track.".



1.25 844

Trajectory 844 for desired Azimuth 301.313375 was loaded at 10:39:38.78. The go_next command was sent at 10:40:18.908 and took 96.910 seconds to complete. The setup took 80.82 seconds at an actual azimuth of 301.312938 The trajectory was cancelled at 11:15:41.43. The trajectory was stopped at 11:15:46.47 with the message "Reached end of track.".

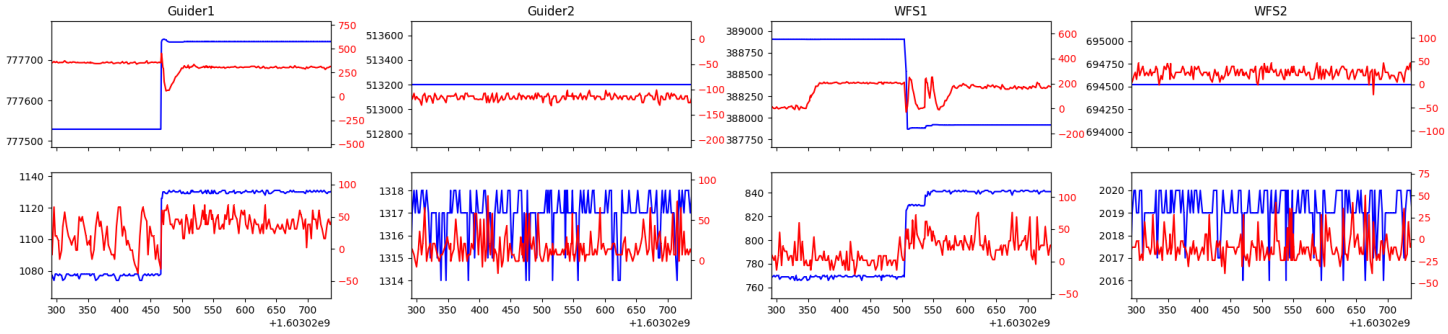


1.26 83

Trajectory 83 for desired Azimuth 32.427484 was loaded at 11:15:48.62. The go_next command was sent at 11:16:01.473. But no ready_time was found. The trajectory was cancelled at 11:23:34.77. The trajectory was stopped at 11:23:40.52 with the message "Reached end of track.".

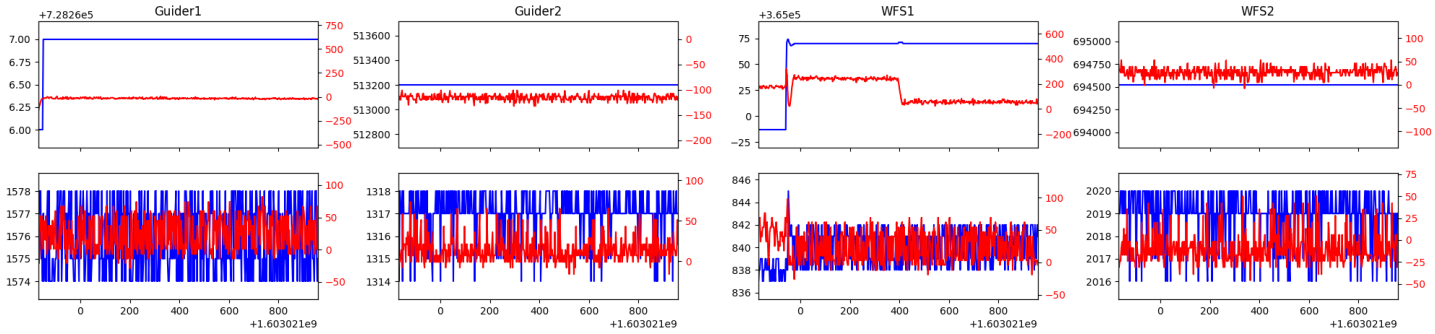
1.27 777

Trajectory 777 for desired Azimuth 156.402932 was loaded at 11:23:42.56. The go_next command was sent at 11:23:50.533 and took 142.409 seconds to complete. The setup took 155.68 seconds at an actual azimuth of 156.405239 The trajectory was cancelled at 11:32:17.04. The trajectory was stopped at 11:32:22.57 with the message "Reached end of track.".



1.28 115

Trajectory 115 for desired Azimuth 115.943426 was loaded at 11:32:24.53. The go_next command was sent at 11:32:32.534 and took 83.191 seconds to complete. The setup took 101.62 seconds at an actual azimuth of 115.949204 The trajectory was cancelled at 11:52:39.32. The trajectory was stopped at 11:52:44.66 with the message "Reached end of track.".



1.29 82

Trajectory 82 for desired Azimuth 116.802991 was loaded at 11:52:46.59. The go_next command was sent at 11:52:54.415 and took 85.277 seconds to complete. The setup took 85.68 seconds at an actual azimuth of 116.805529

2 Spectrographs

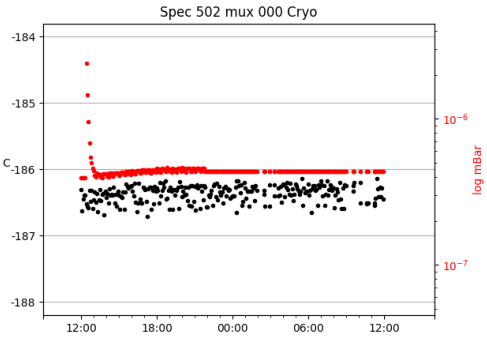
2.1 Legend

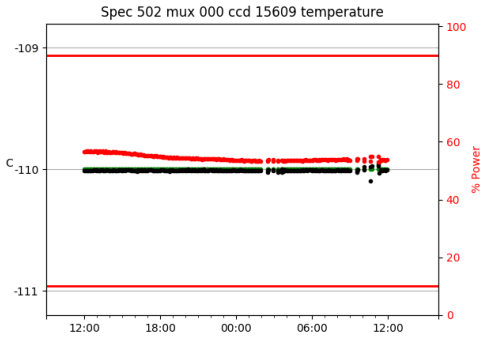
For the Spectrograph Cryo plots the Black point are the cryo temperature reading and the Red points are the cryo pressure in Torr on a log scale with the scale on the right hand vertical axis.

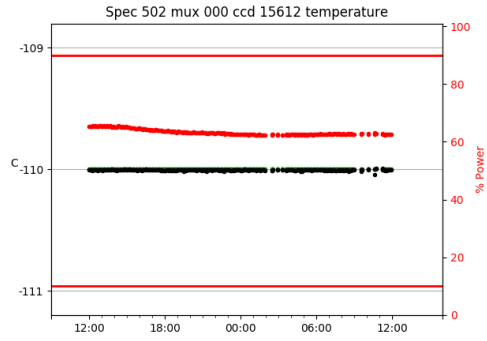
For all Spectrograph Temperature plots, the Black points are the ccd temperature reading, the Green points are the ccd set point, and the Red points are the percentage heater power with the scale on the right hand vertical axis. The two straight Red lines are the 5% and 95% power levels for the heater.

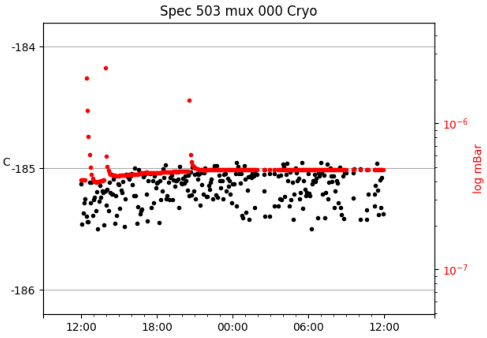
2.2 lrs2

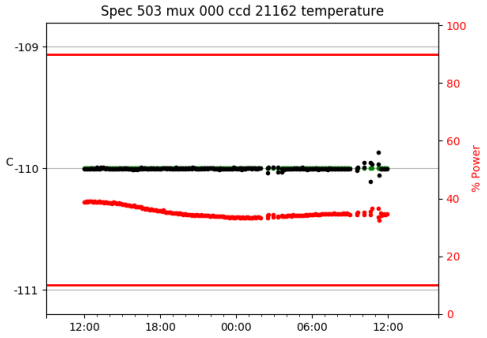
lrs2 uptime: 1215:49:27 (hh:mm:ss)

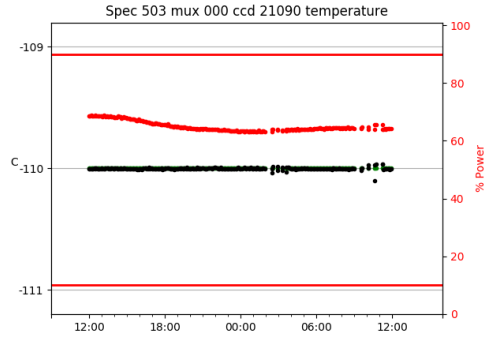






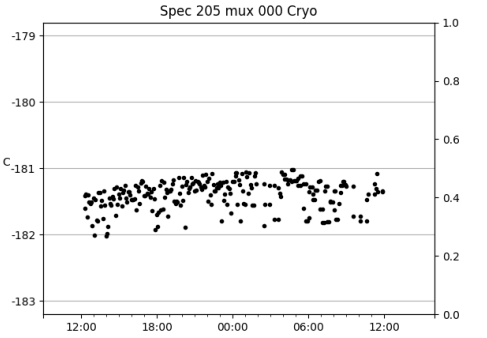


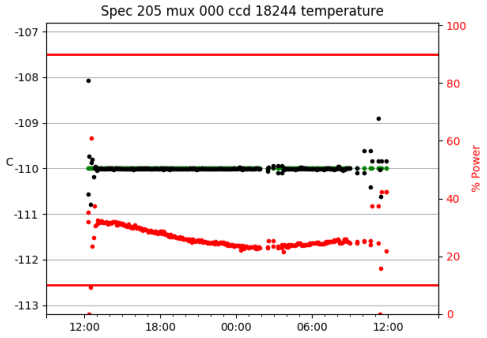


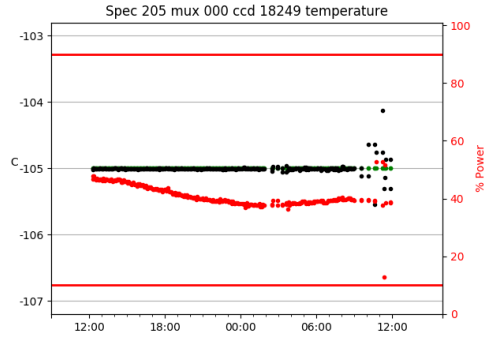


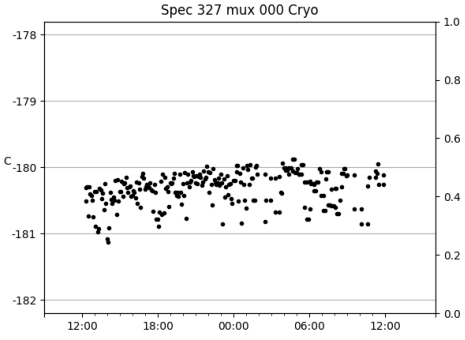
2.3 virus

virus uptime: 45:56:32 (hh:mm:ss)








Spec 327 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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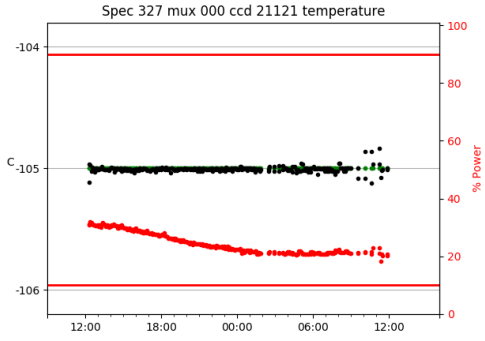
06:00
12:00


Spec 327 mux 000 ccd 21121 temperature
C
-104
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-106
% Power
100
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20
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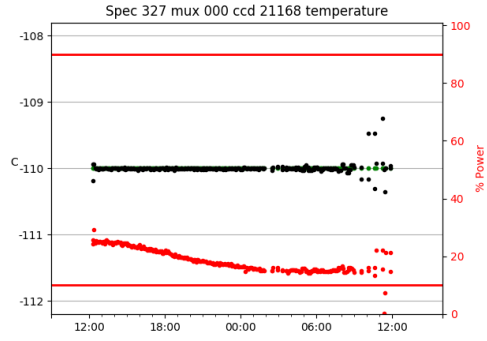
Spec 327 mux 000 ccd 21168 temperature
C
-108
-109
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-112
% Power
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60
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20
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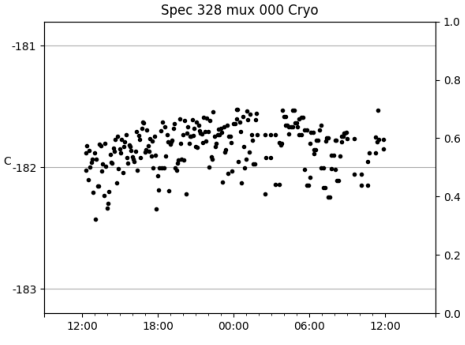
12:00


Spec 328 mux 000 Cryo
C
-181
-182
-183
1.0
0.8
0.6
0.4
0.2
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12:00
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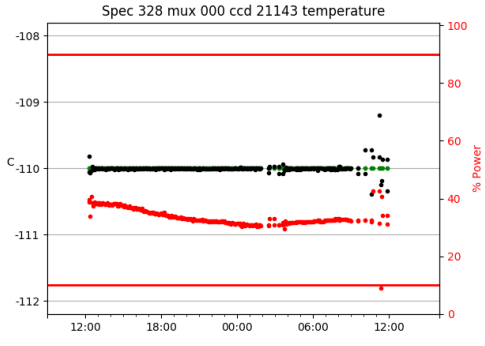
06:00
12:00


Spec 328 mux 000 ccd 21143 temperature
C
-108
-109
-110
-111
-112
% Power
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60
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20
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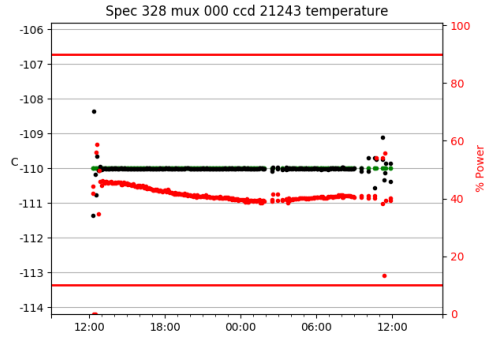
Spec 328 mux 000 ccd 21243 temperature
C
-106
-107
-108
-109
-110
-111
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% Power
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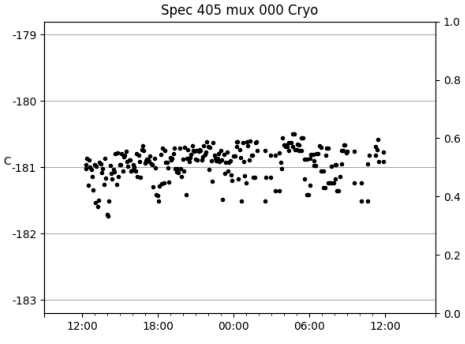
Spec 405 mux 000 Cryo
C
-179
-180
-181
-182
-183
1.0
0.8
0.6
0.4
0.2
0.0
12:00
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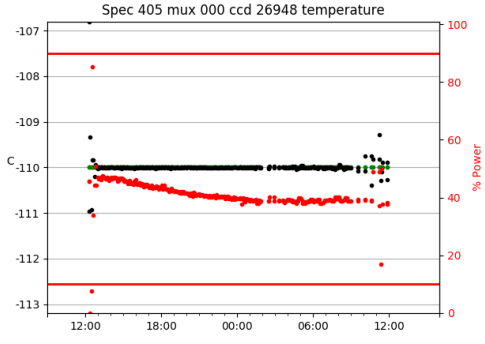
Spec 405 mux 000 ccd 26948 temperature
C
-107
-108
-109
-110
-111
-112
-113
% Power
100
80
60
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12:00
18:00
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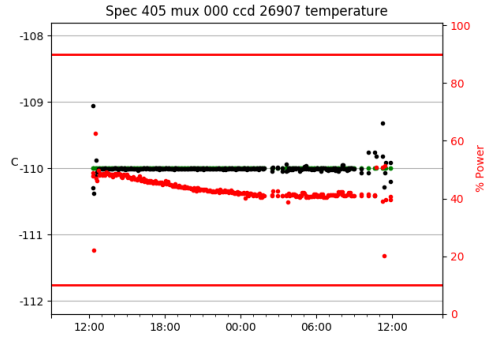
06:00
12:00


Spec 405 mux 000 ccd 26907 temperature
C
-108
-109
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-111
-112
% Power
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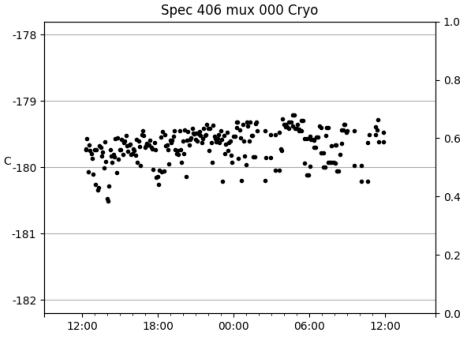
Spec 406 mux 000 Cryo
C
-178
-179
-180
-181
-182
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0.8
0.6
0.4
0.2
0.0
12:00
18:00
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06:00
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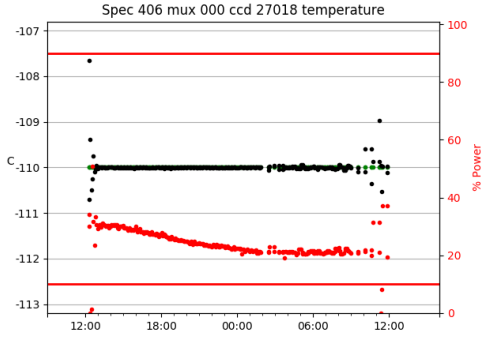
Spec 406 mux 000 ccd 27018 temperature
C
-107
-108
-109
-110
-111
-112
-113
% Power
100
80
60
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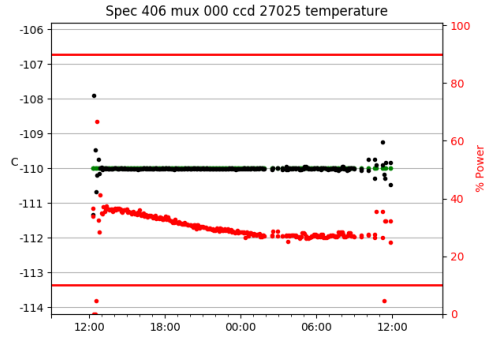
06:00
12:00


Spec 406 mux 000 ccd 27025 temperature
C
-106
-107
-108
-109
-110
-111
-112
-113
-114
% Power
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60
40
20
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12:00
18:00
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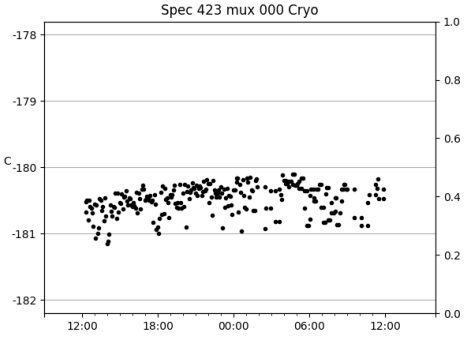
06:00
12:00


Spec 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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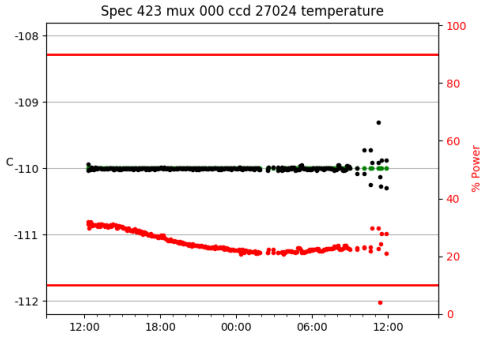
Spec 423 mux 000 ccd 27024 temperature
C
% Power
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-110
-111
-112
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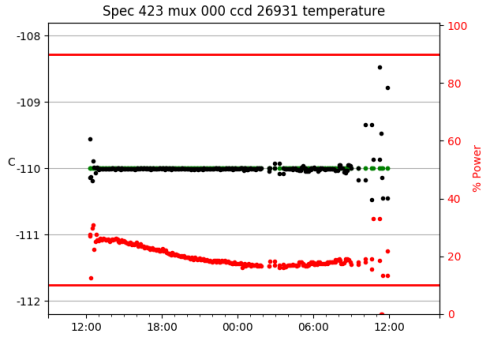
Spec 423 mux 000 ccd 26931 temperature
C
% Power
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-111
-112
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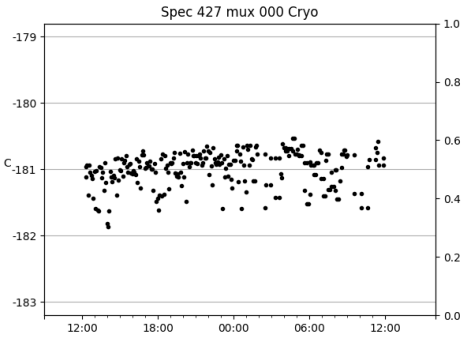
Spec 427 mux 000 Cryo
C
-179
-180
-181
-182
-183
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
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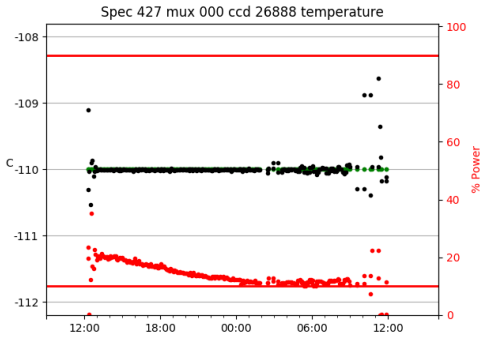
12:00


Spec 427 mux 000 ccd 26888 temperature
C
% Power
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-109
-110
-111
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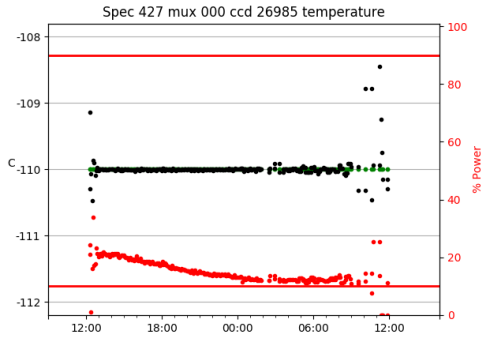
Spec 427 mux 000 ccd 26985 temperature
C
% Power
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-109
-110
-111
-112
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60
40
20
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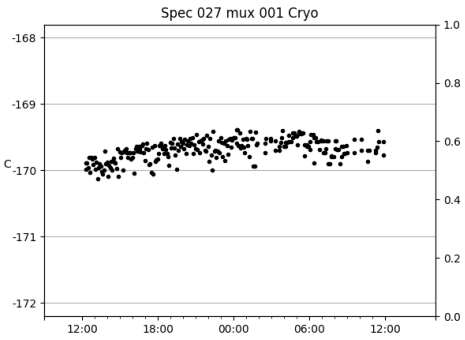
12:00


Spec 027 mux 001 Cryo
C
-168
-169
-170
-171
-172
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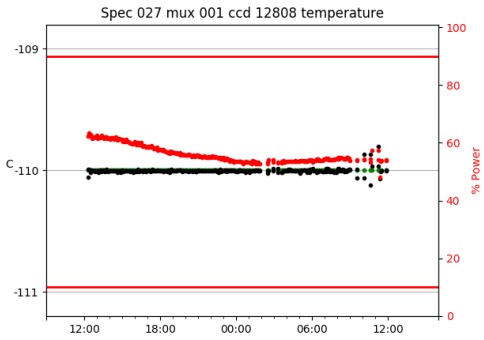
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 027 mux 001 ccd 12808 temperature
C
% Power
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-110
-111
100
80
60
40
20
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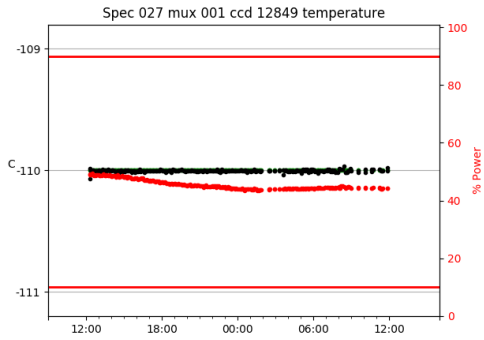
Spec 027 mux 001 ccd 12849 temperature
C
% Power
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-110
-111
100
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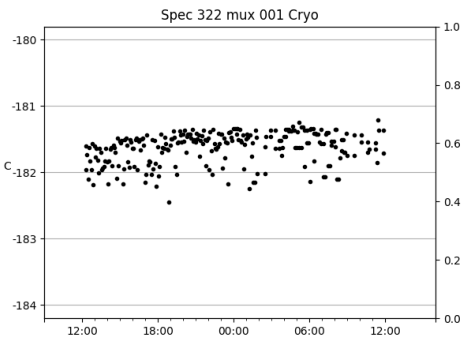
Spec 322 mux 001 Cryo
C
-180
-181
-182
-183
-184
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0.6
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0.2
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12:00
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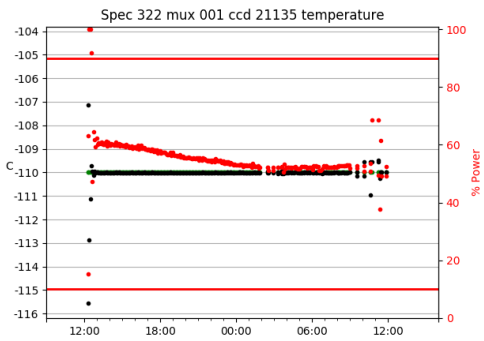
Spec 322 mux 001 ccd 21135 temperature
C
% Power
-104
-105
-106
-107
-108
-109
-110
-111
-112
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-116
100
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60
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12:00
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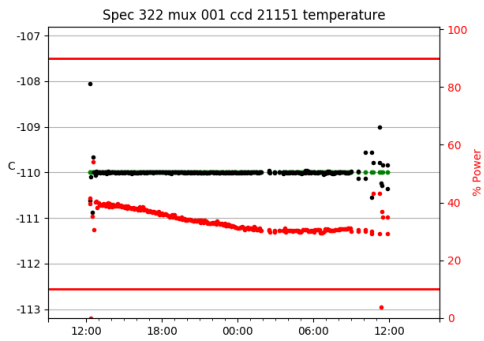
Spec 322 mux 001 ccd 21151 temperature
C
% Power
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-108
-109
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-113
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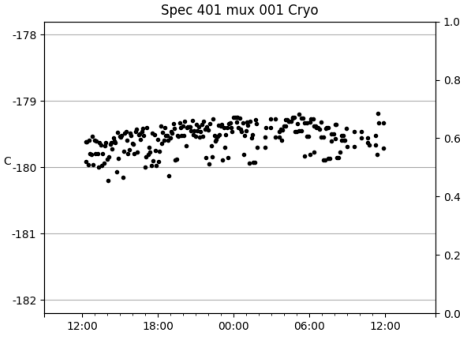
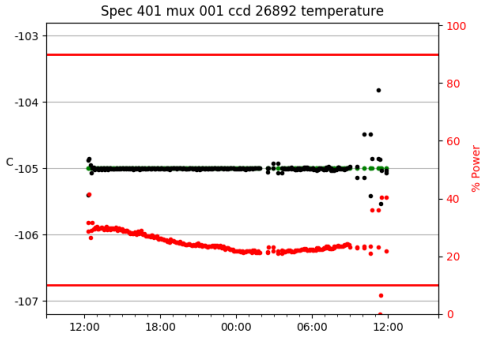
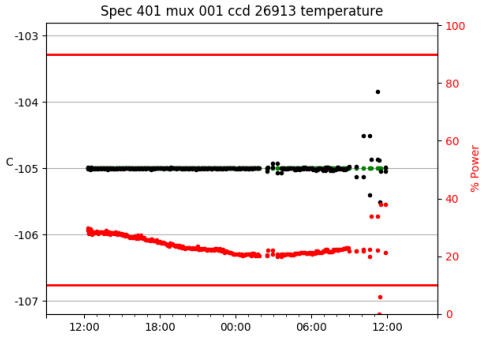
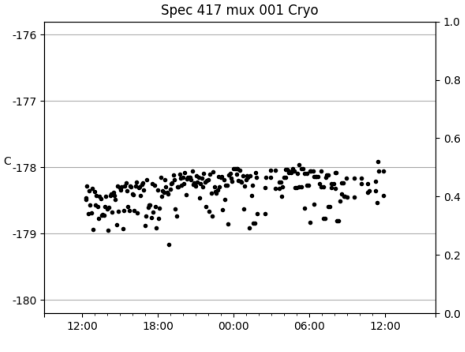
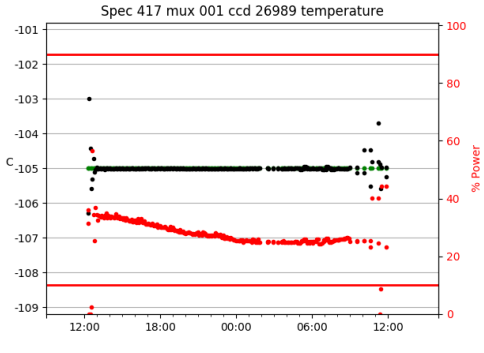
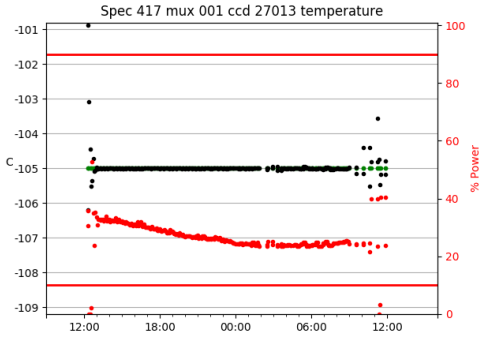

Spec 401 mux 001 Cryo
C

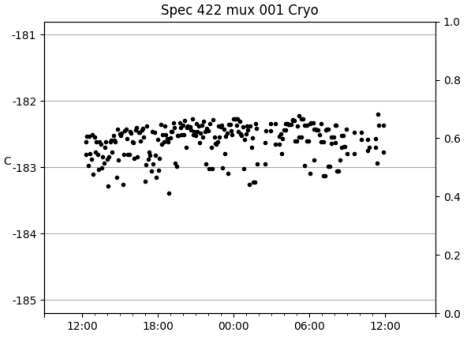

Spec 401 mux 001 ccd 26892 temperature
C
% Power

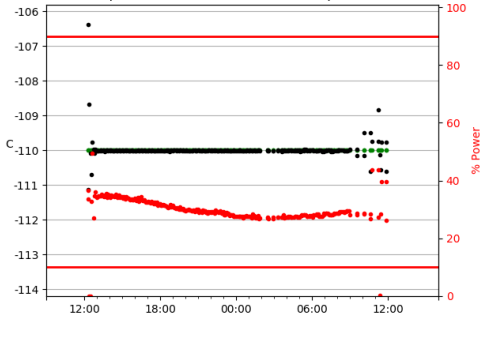

Spec 401 mux 001 ccd 26913 temperature
C
% Power

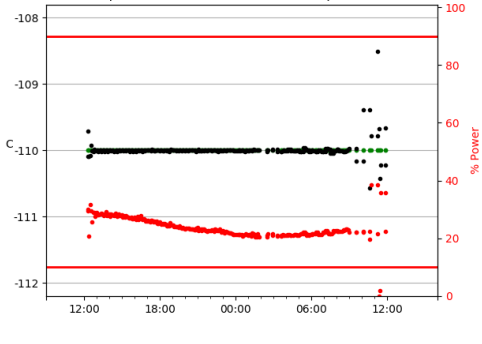

Spec 417 mux 001 Cryo
C

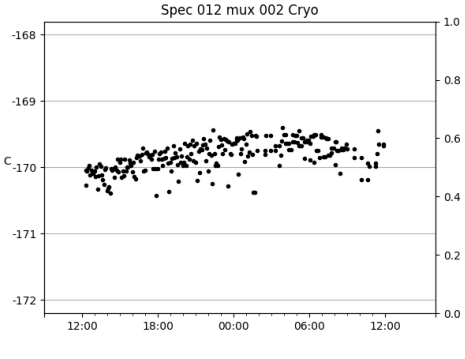

Spec 417 mux 001 ccd 26989 temperature
C
% Power

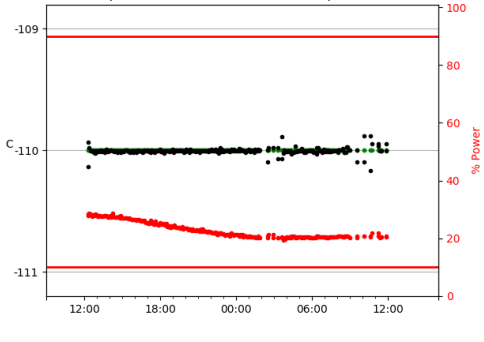

Spec 417 mux 001 ccd 27013 temperature
C
% Power

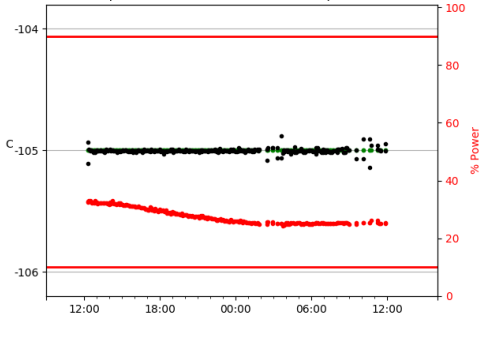

Spec 422 mux 001 Cryo
C

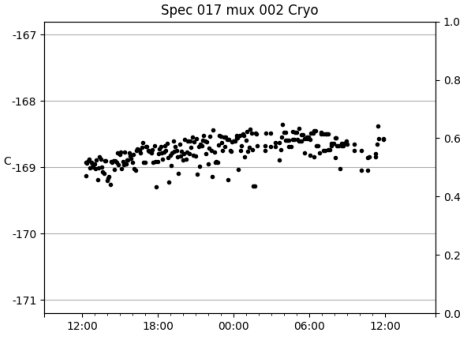

Spec 422 mux 001 ccd 26900 temperature
C
% Power

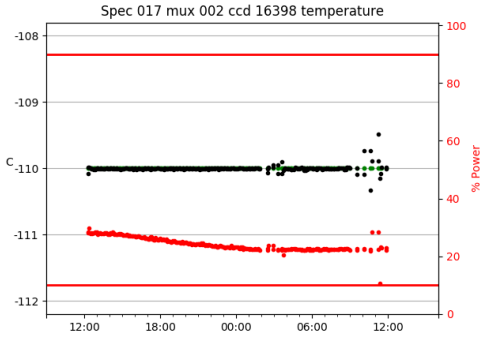

Spec 422 mux 001 ccd 26894 temperature
C
% Power

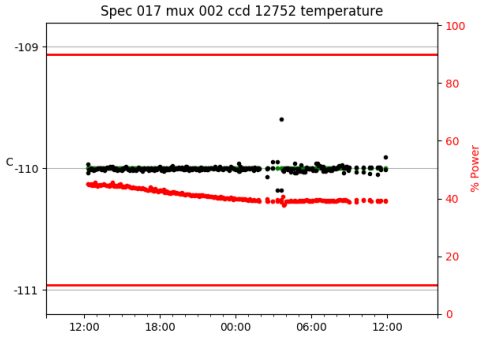

Spec 012 mux 002 Cryo
C

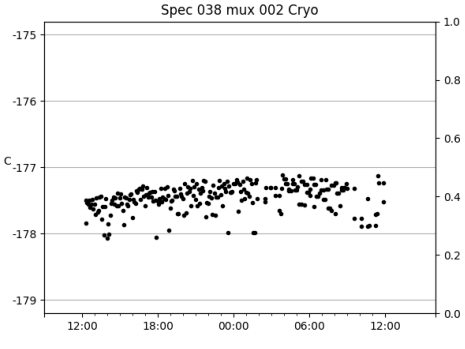

Spec 012 mux 002 ccd 15601 temperature
C
% Power

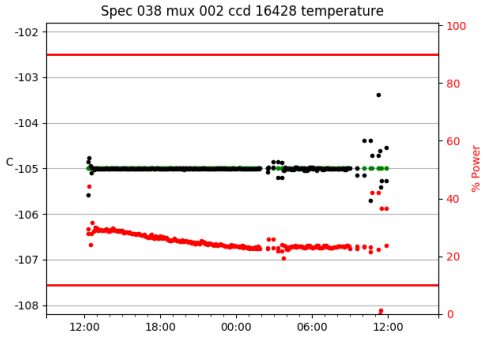

Spec 012 mux 002 ccd 15525 temperature
C
% Power

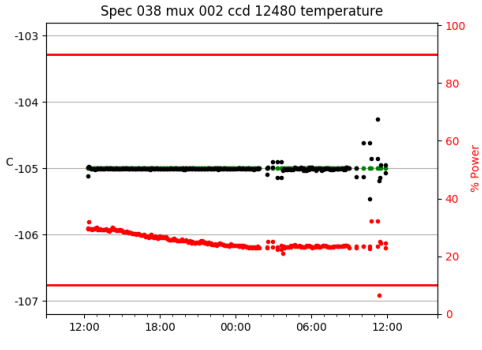

Spec 017 mux 002 Cryo
C
-167
-168
-169
-170
-171
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

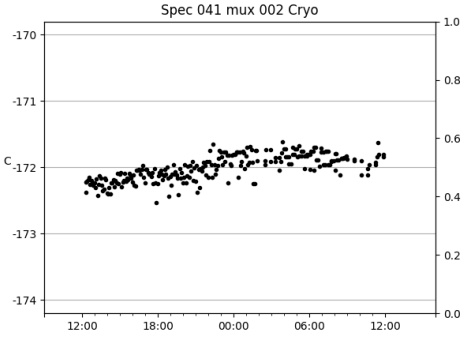

Spec 017 mux 002 ccd 16398 temperature
C
% Power
-108
-109
-110
-111
-112
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

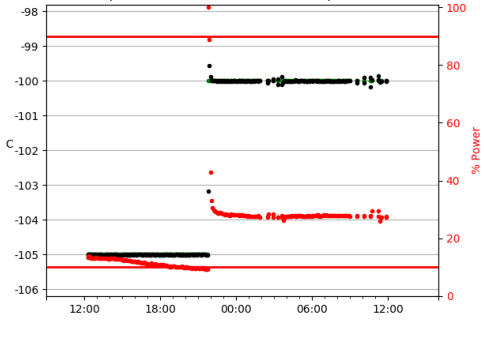

Spec 017 mux 002 ccd 12752 temperature
C
% Power
-109
-110
-111
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

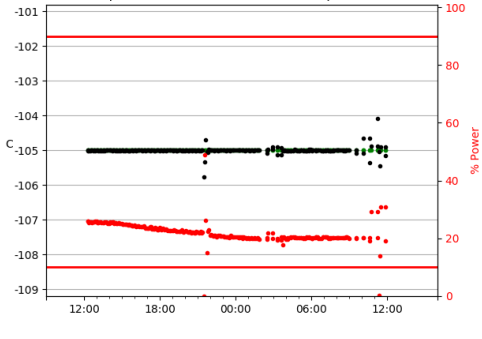

Spec 038 mux 002 Cryo
C
-175
-176
-177
-178
-179
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

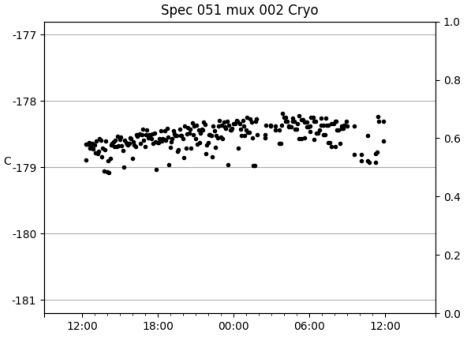

Spec 038 mux 002 ccd 16428 temperature
C
% Power
-102
-103
-104
-105
-106
-107
-108
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

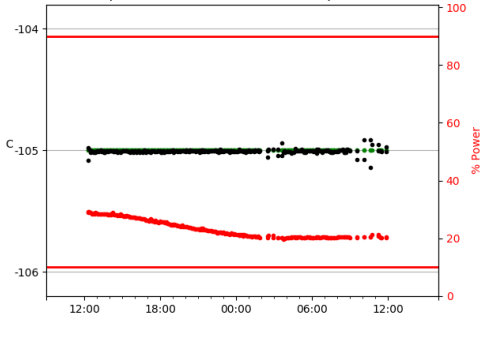

Spec 038 mux 002 ccd 12480 temperature
C
% Power
-103
-104
-105
-106
-107
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

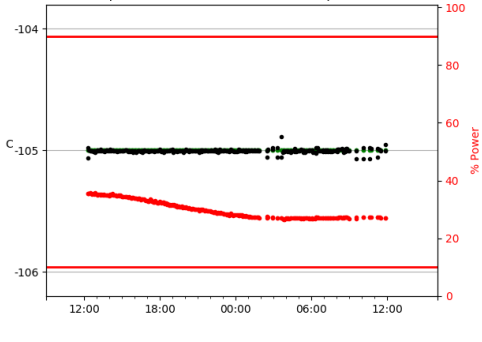

Spec 041 mux 002 Cryo
C
-170
-171
-172
-173
-174
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

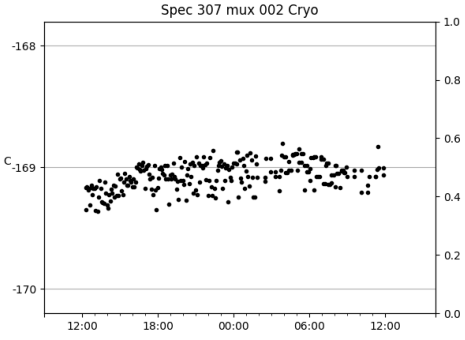

Spec 041 mux 002 ccd 16427 temperature
C
% Power
-98
-99
-100
-101
-102
-103
-104
-105
-106
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

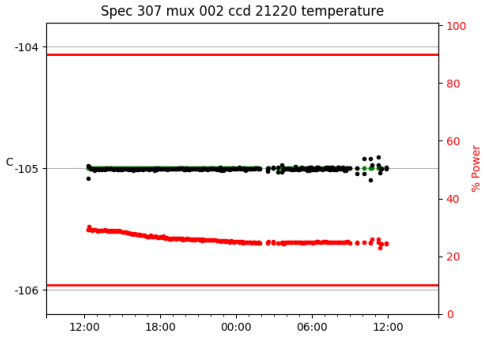

Spec 041 mux 002 ccd 16451 temperature
C
% Power
-101
-102
-103
-104
-105
-106
-107
-108
-109
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

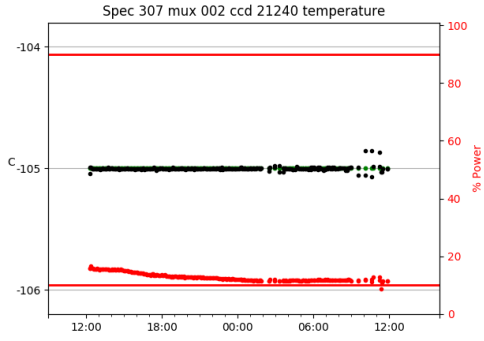

Spec 051 mux 002 Cryo
C
-177
-178
-179
-180
-181
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

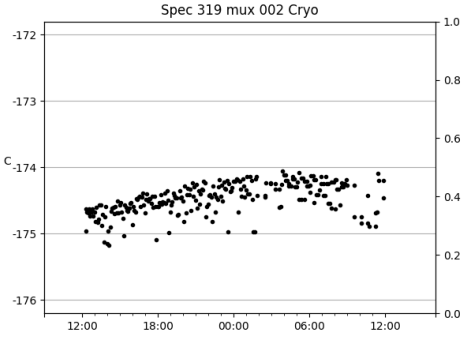

Spec 051 mux 002 ccd 16395 temperature
C
% Power
-104
-105
-106
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

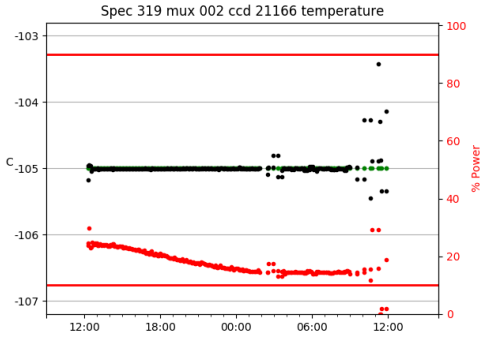

Spec 051 mux 002 ccd 15534 temperature
C
% Power
-104
-105
-106
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

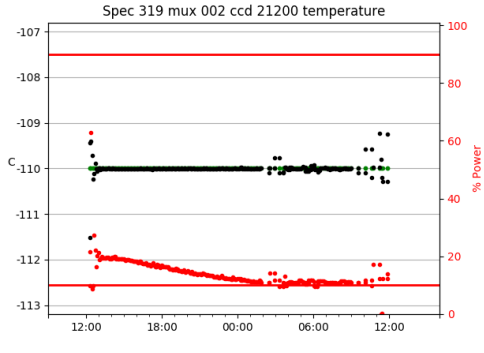

Spec 307 mux 002 Cryo
C
-168
-169
-170
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

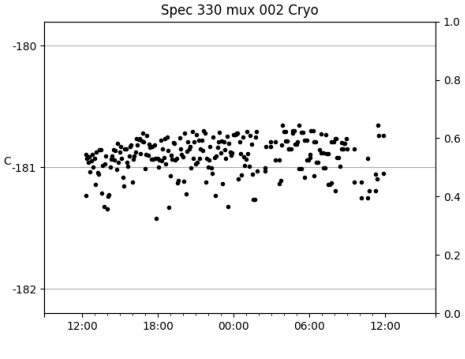

Spec 307 mux 002 ccd 21220 temperature
C
-104
-105
-106
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

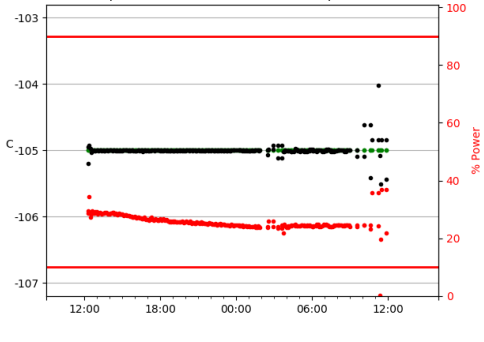

Spec 307 mux 002 ccd 21240 temperature
C
-104
-105
-106
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

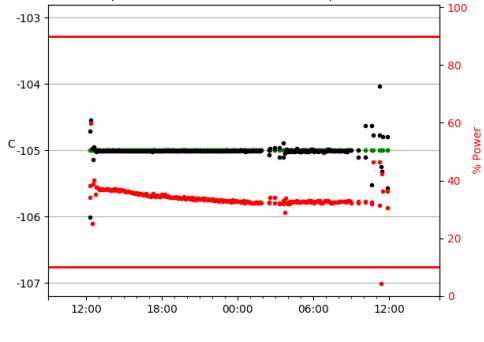

Spec 319 mux 002 Cryo
C
-172
-173
-174
-175
-176
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

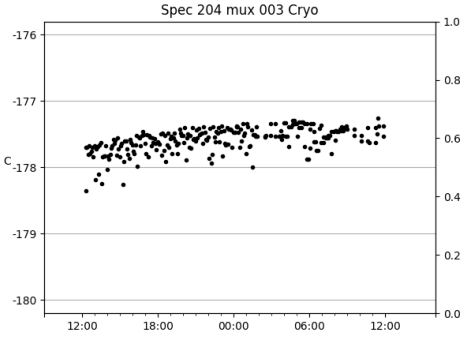

Spec 319 mux 002 ccd 21166 temperature
C
-103
-104
-105
-106
-107
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

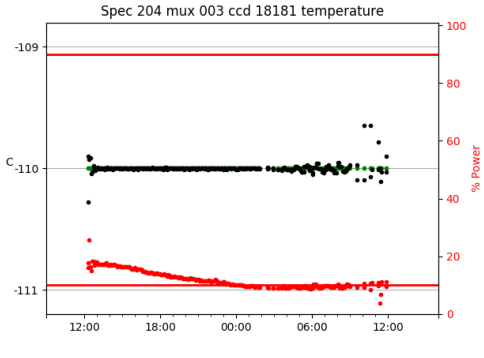

Spec 319 mux 002 ccd 21200 temperature
C
-107
-108
-109
-110
-111
-112
-113
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

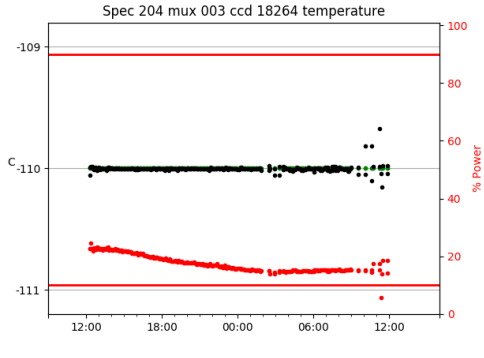

Spec 330 mux 002 Cryo
C
-180
-181
-182
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

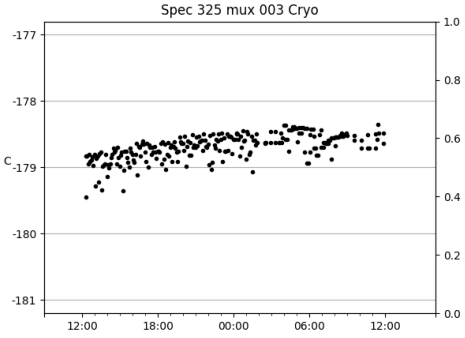

Spec 330 mux 002 ccd 21223 temperature
C
-103
-104
-105
-106
-107
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

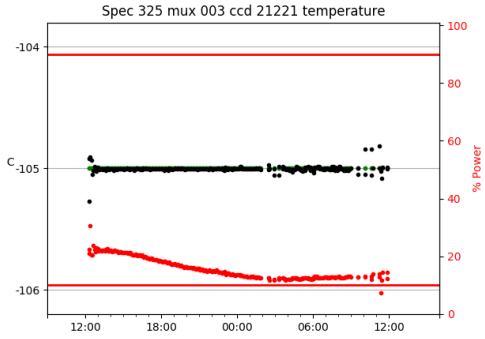

Spec 330 mux 002 ccd 21224 temperature
C
-103
-104
-105
-106
-107
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

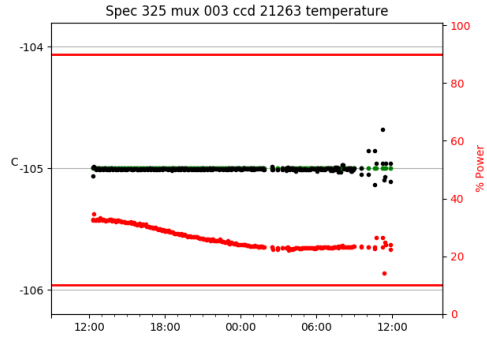

Spec 204 mux 003 Cryo
C
-176
-177
-178
-179
-180
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

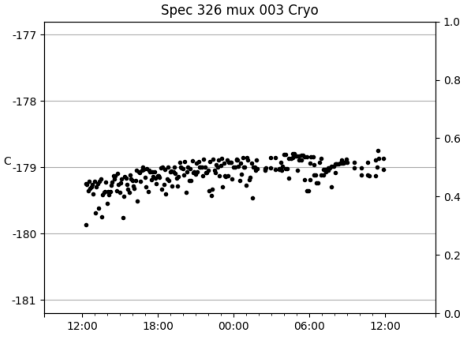

Spec 204 mux 003 ccd 18181 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

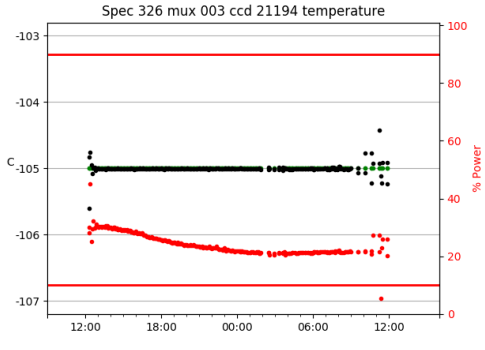

Spec 204 mux 003 ccd 18264 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

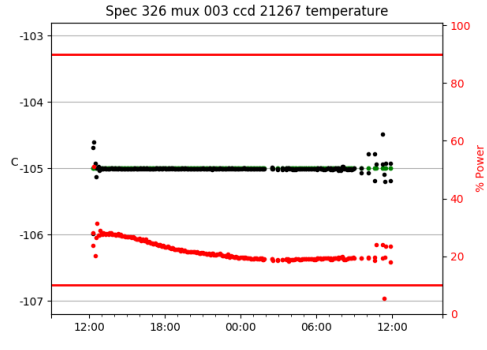

Spec 325 mux 003 Cryo
C
-177
-178
-179
-180
-181
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

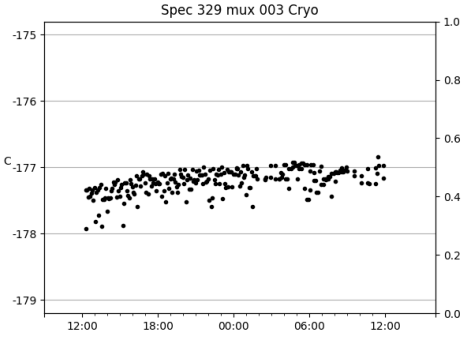

Spec 325 mux 003 ccd 21221 temperature
C
-104
-105
-106
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

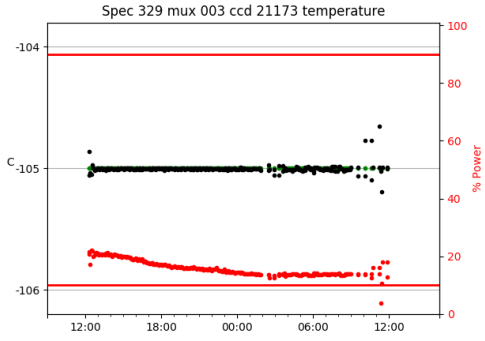

Spec 325 mux 003 ccd 21263 temperature
C
-104
-105
-106
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

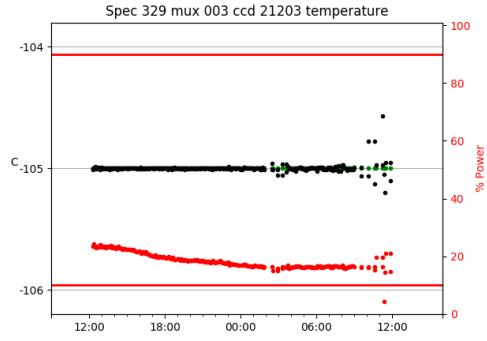

Spec 326 mux 003 Cryo
C
-177
-178
-179
-180
-181
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

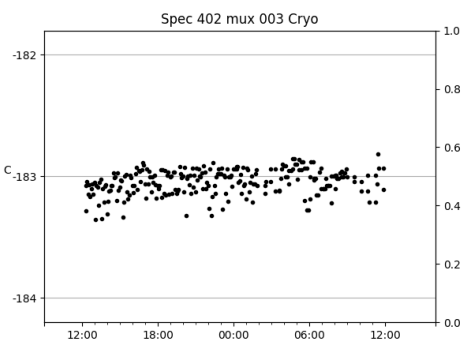

Spec 326 mux 003 ccd 21194 temperature
C
-103
-104
-105
-106
-107
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

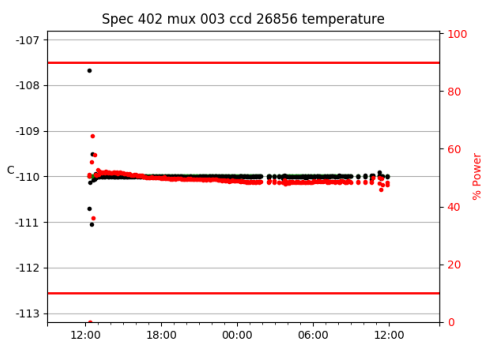

Spec 326 mux 003 ccd 21267 temperature
C
-103
-104
-105
-106
-107
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

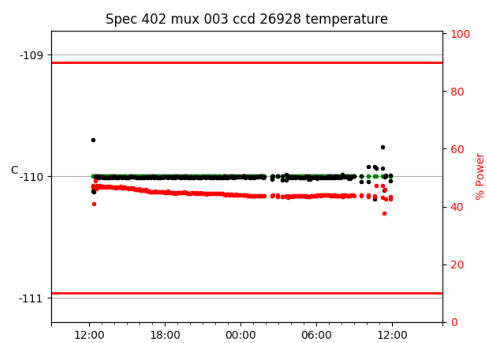

Spec 329 mux 003 Cryo
C
-175
-176
-177
-178
-179
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

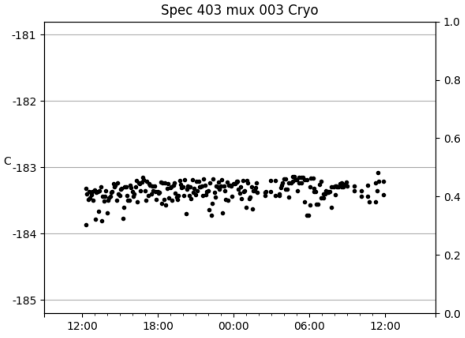

Spec 329 mux 003 ccd 21173 temperature
C
-104
-105
-106
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 329 mux 003 ccd 21203 temperature
C
-104
-105
-106
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


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


Spec 402 mux 003 ccd 26856 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 402 mux 003 ccd 26928 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 403 mux 003 Cryo
C
-181
-182
-183
-184
-185
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
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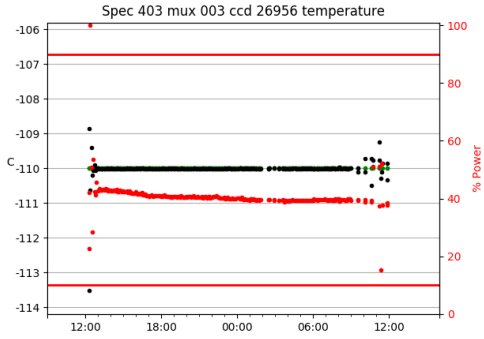
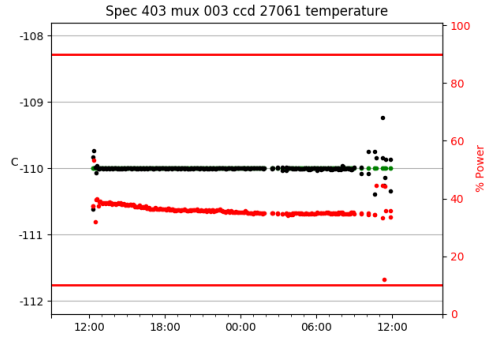
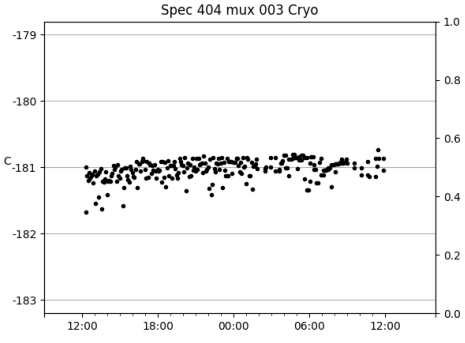
06:00
12:00


Spec 403 mux 003 ccd 26956 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 403 mux 003 ccd 27061 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 404 mux 003 Cryo
C
-179
-180
-181
-182
-183
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
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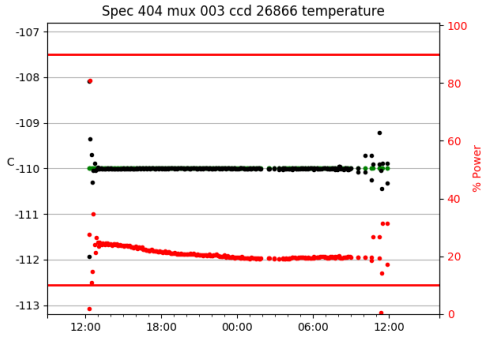
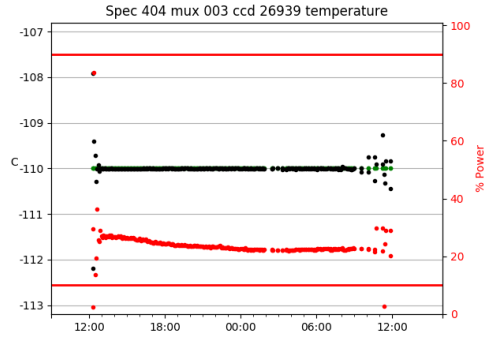
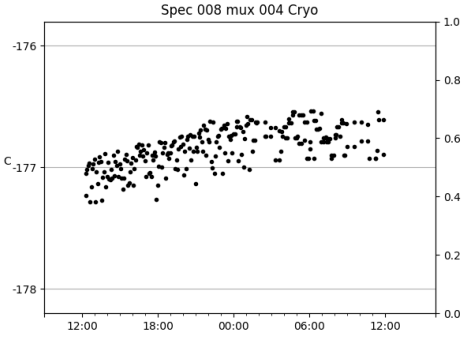
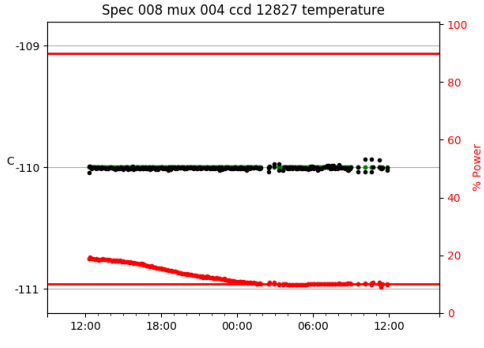
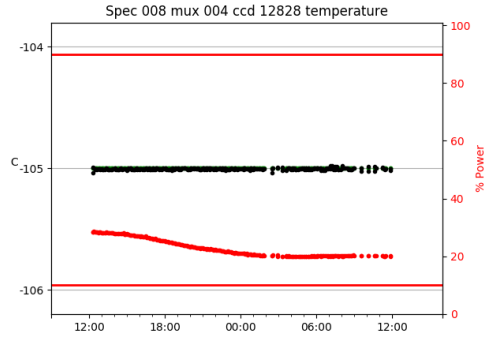
06:00
12:00

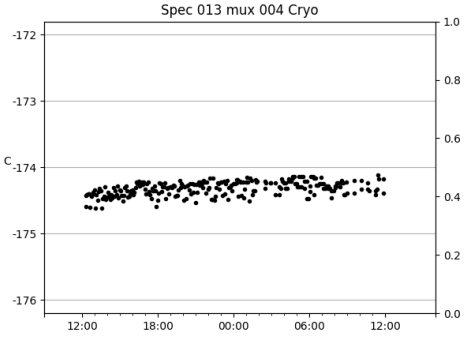

Spec 404 mux 003 ccd 26866 temperature
C
-107
-108
-109
-110
-111
-112
-113
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

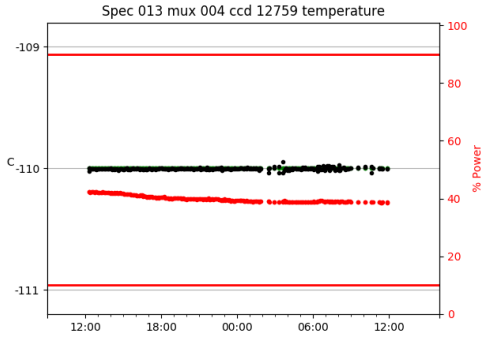

Spec 404 mux 003 ccd 26939 temperature
C
-107
-108
-109
-110
-111
-112
-113
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

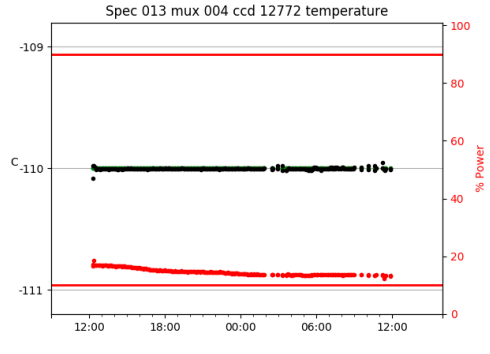

Spec 008 mux 004 Cryo
C
-176
-177
-178
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

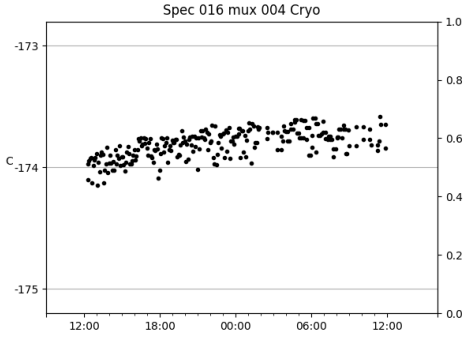

Spec 008 mux 004 ccd 12827 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

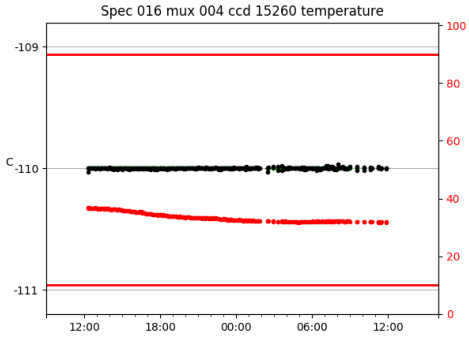

Spec 008 mux 004 ccd 12828 temperature
C
-104
-105
-106
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

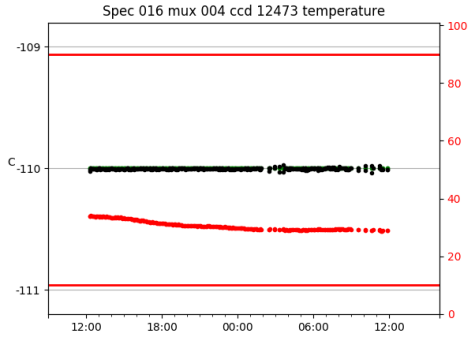

Spec 013 mux 004 Cryo
C
-172
-173
-174
-175
-176
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

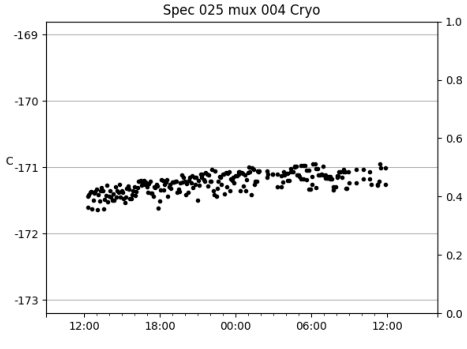

Spec 013 mux 004 ccd 12759 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

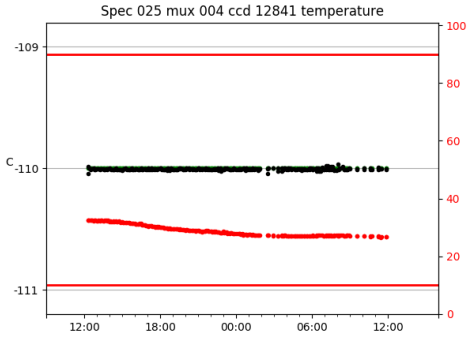

Spec 013 mux 004 ccd 12772 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

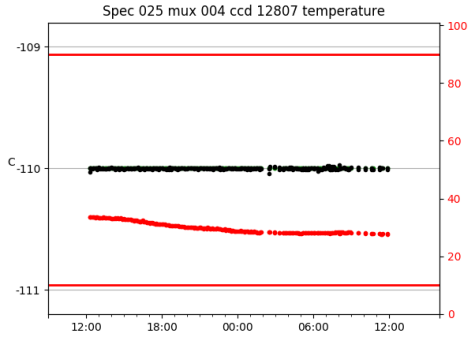

Spec 016 mux 004 Cryo
C
-173
-174
-175
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 016 mux 004 ccd 15260 temperature
C
-109
-110
-111
% 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
-109
-110
-111
% 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
00:00
06:00
12:00


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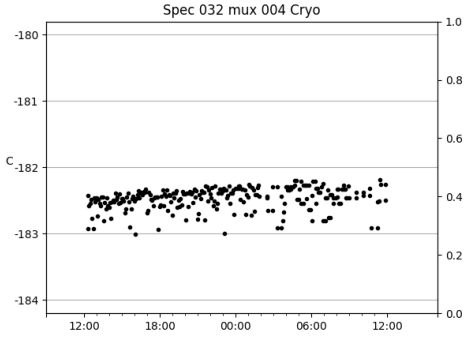
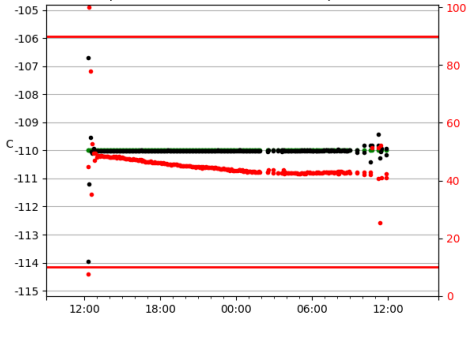
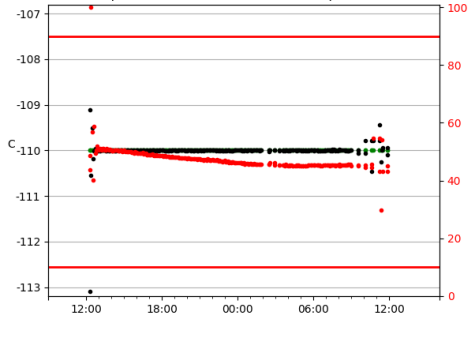
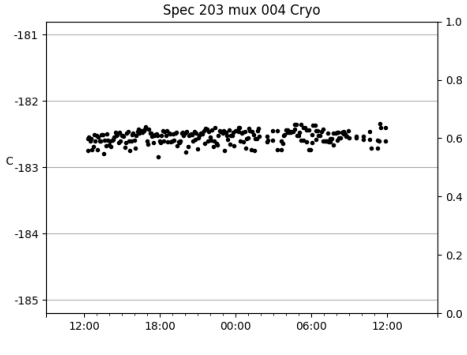
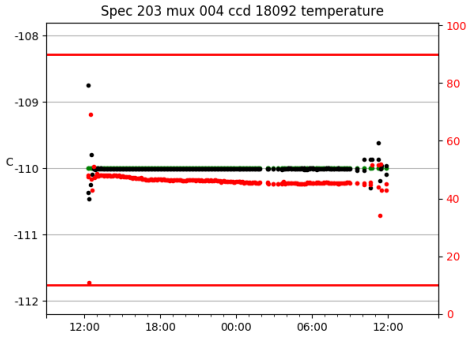
06:00
12:00


Spec 032 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 032 mux 004 ccd 15301 temperature
C
-105
-106
-107
-108
-109
-110
-111
-112
-113
-114
-115
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 032 mux 004 ccd 12801 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 203 mux 004 Cryo
C
-181
-182
-183
-184
-185
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


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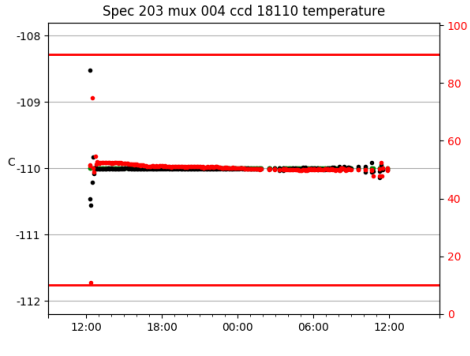
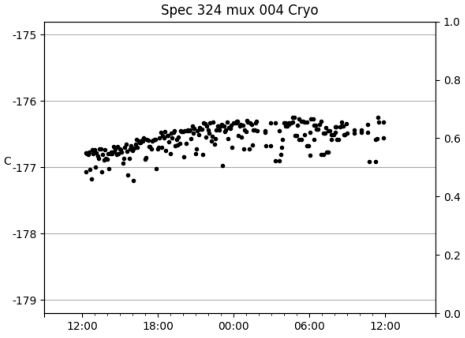
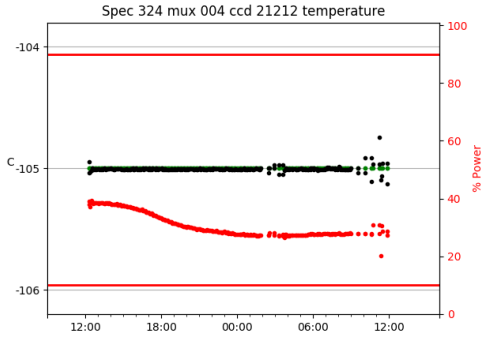
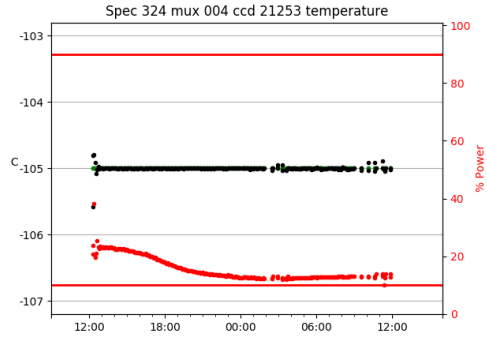
06:00
12:00


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


Spec 324 mux 004 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
-103
-104
-105
-106
-107
100
80
60
40
20
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12:00
18:00
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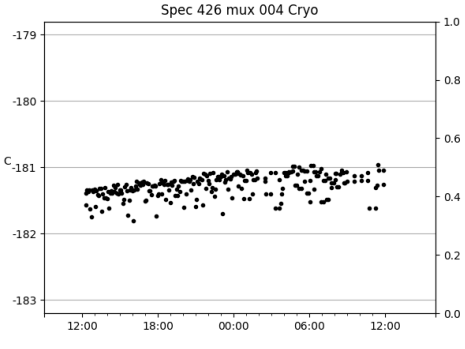
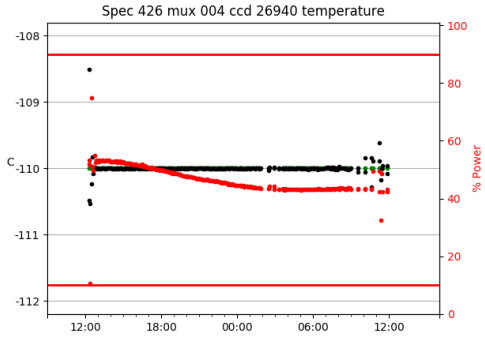
06:00
12:00


Spec 426 mux 004 Cryo
C
-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 426 mux 004 ccd 26940 temperature
C
% Power
-108
-109
-110
-111
-112
100
80
60
40
20
0
12:00
18:00
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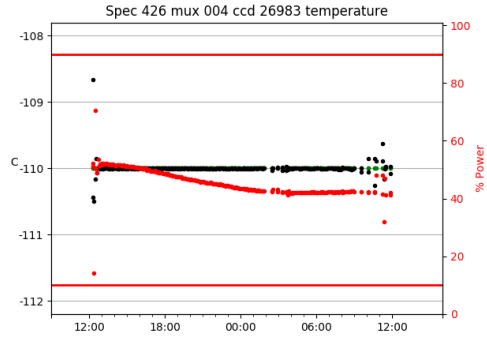
06:00
12:00


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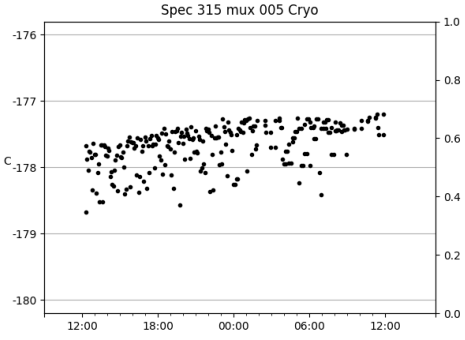
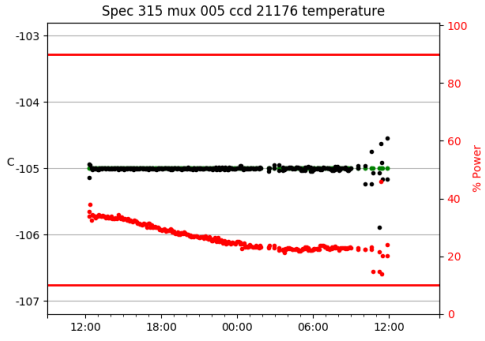
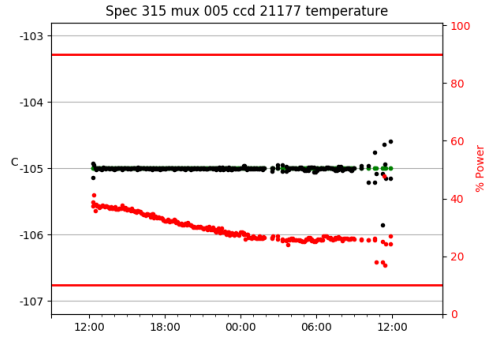
06:00
12:00


Spec 315 mux 005 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 315 mux 005 ccd 21176 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 315 mux 005 ccd 21177 temperature
C
% Power
-103
-104
-105
-106
-107
100
80
60
40
20
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12:00
18:00
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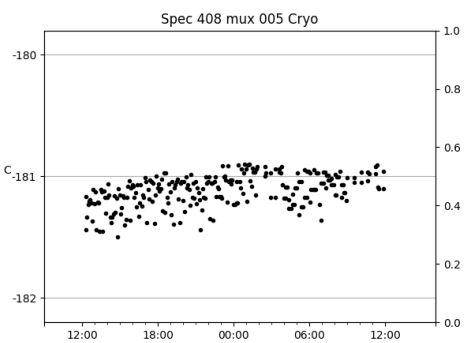
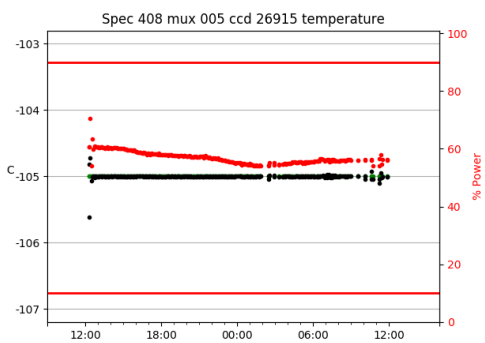
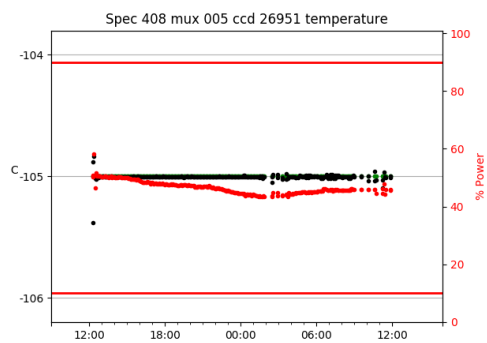
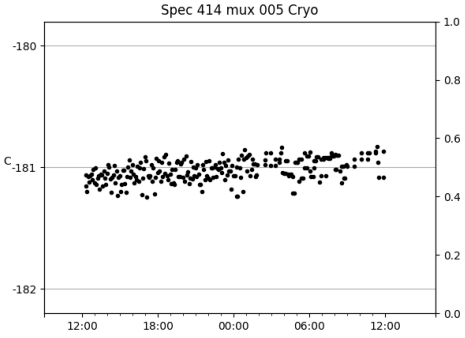
06:00
12:00


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


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


Spec 414 mux 005 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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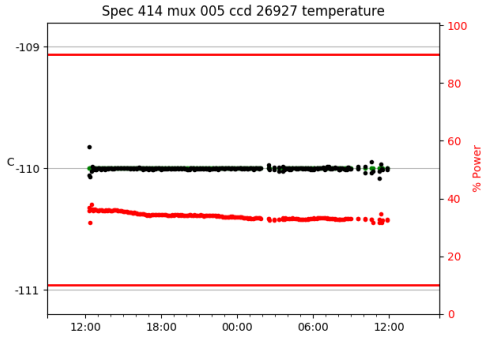
12:00


Spec 414 mux 005 ccd 26927 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
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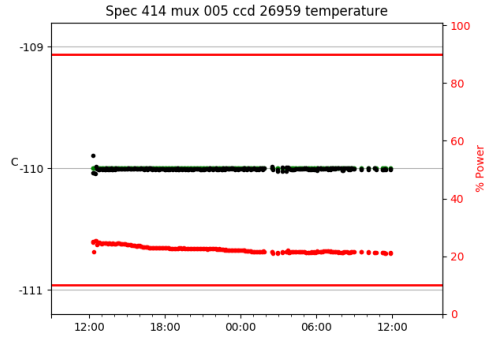
06:00
12:00


Spec 414 mux 005 ccd 26959 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
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12:00
18:00
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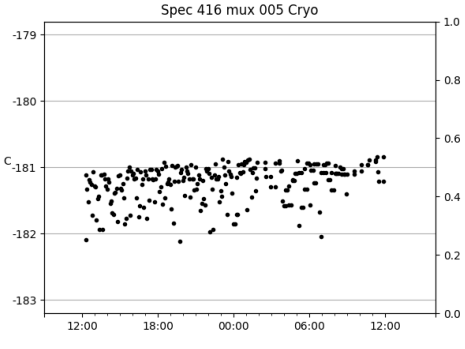
06:00
12:00


Spec 416 mux 005 Cryo
C
-179
-180
-181
-182
-183
1.0
0.8
0.6
0.4
0.2
0.0
12:00
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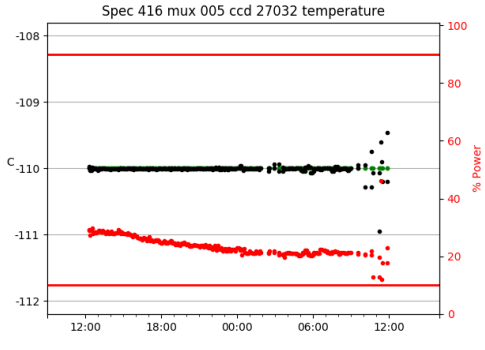
Spec 416 mux 005 ccd 27032 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
0
12:00
18:00
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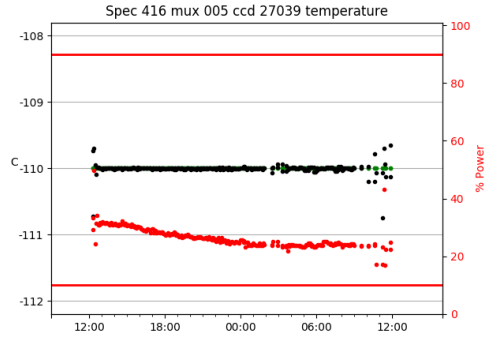
06:00
12:00


Spec 416 mux 005 ccd 27039 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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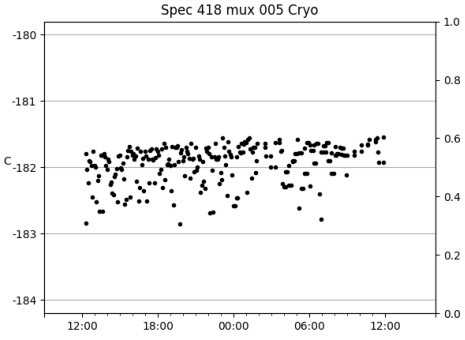
06:00
12:00


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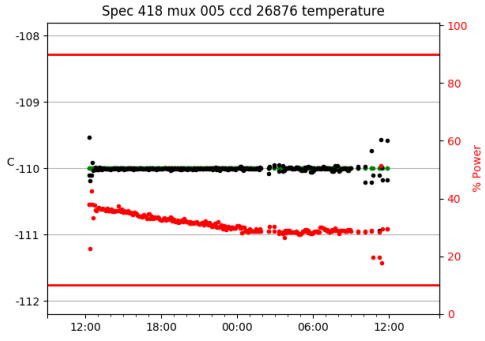
Spec 418 mux 005 ccd 26876 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
0
12:00
18:00
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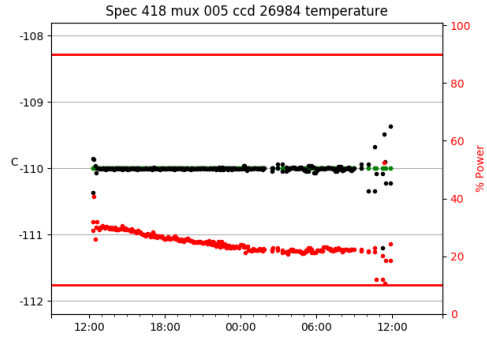
06:00
12:00


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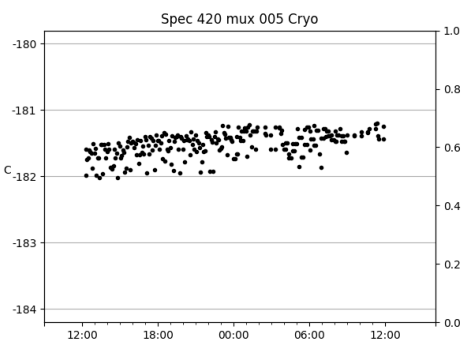
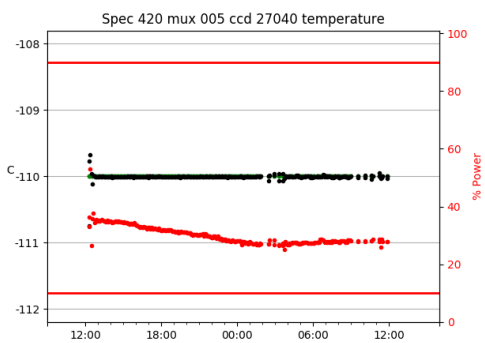
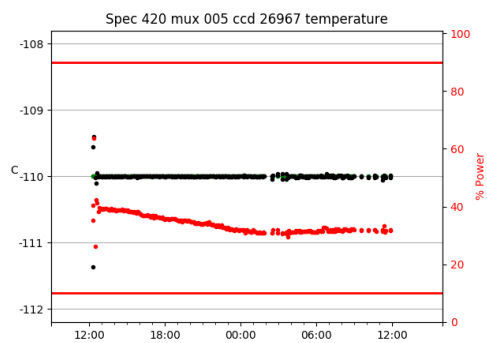
06:00
12:00


Spec 420 mux 005 Cryo
C
-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
-108
-109
-110
-111
-112
% 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
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
0
12:00
18:00
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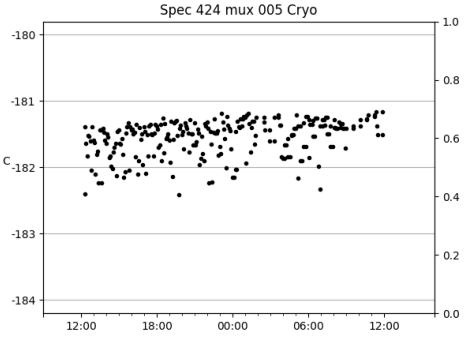
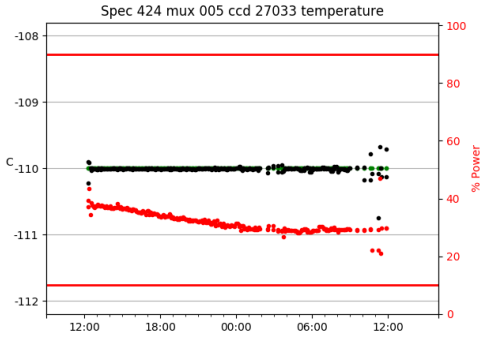
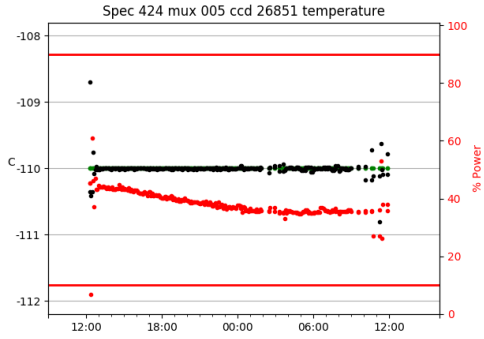
06:00
12:00


Spec 424 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 424 mux 005 ccd 27033 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 424 mux 005 ccd 26851 temperature
C
% Power
-108
-109
-110
-111
-112
100
80
60
40
20
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12:00
18:00
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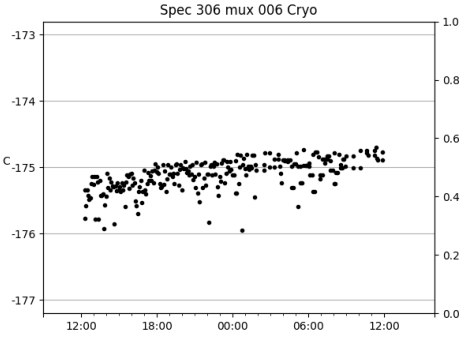
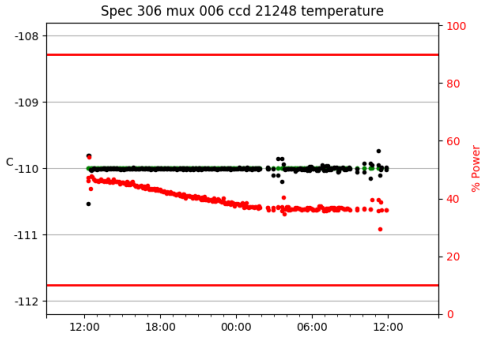
06:00
12:00


Spec 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
% Power
-108
-109
-110
-111
-112
100
80
60
40
20
0
12:00
18:00
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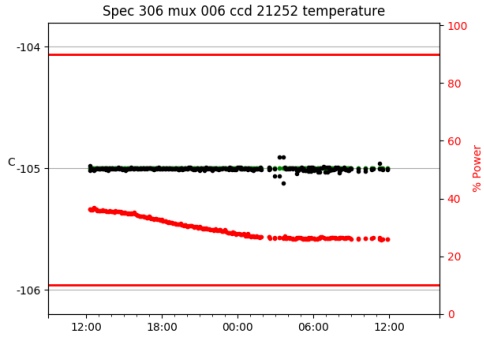
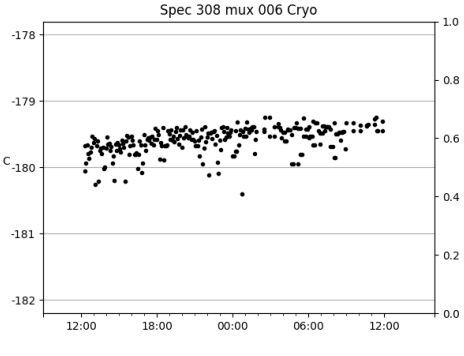
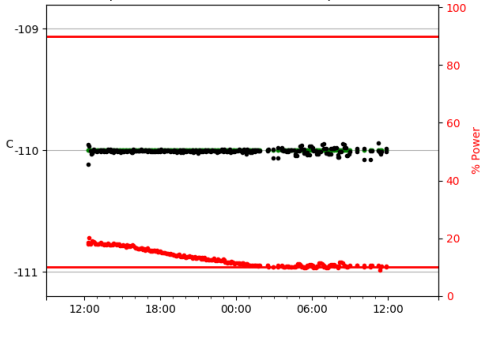
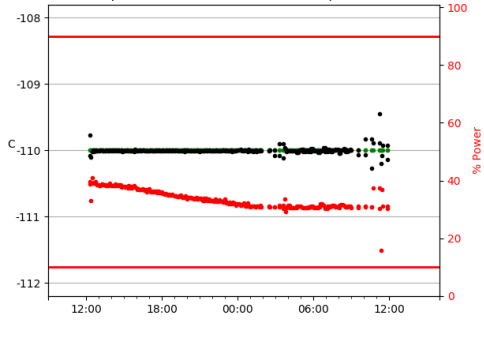
06:00
12:00


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


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


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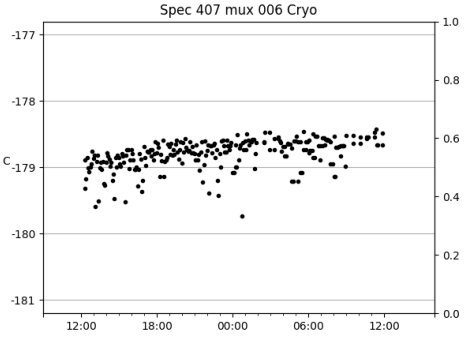
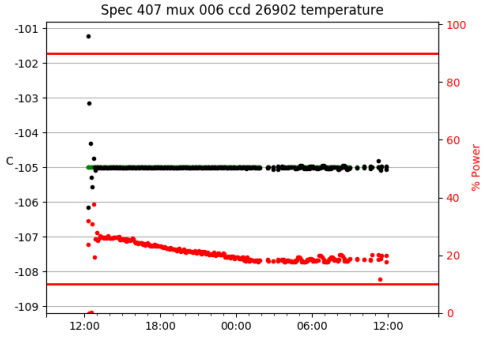
06:00
12:00


Spec 407 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 407 mux 006 ccd 26902 temperature
C
% Power
-101
-102
-103
-104
-105
-106
-107
-108
-109
100
80
60
40
20
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12:00
18:00
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06:00
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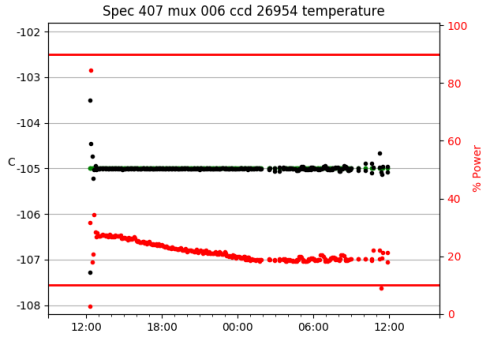
Spec 407 mux 006 ccd 26954 temperature
C
% Power
-102
-103
-104
-105
-106
-107
-108
100
80
60
40
20
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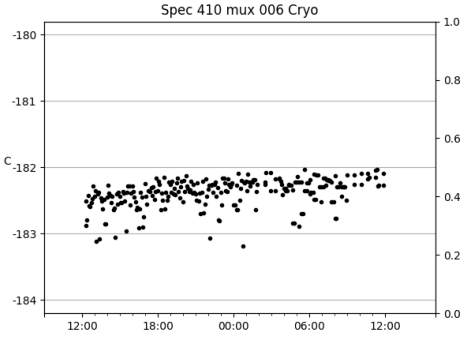
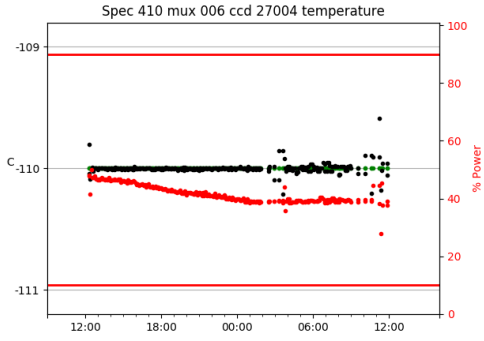
12:00
18:00
00:00
06:00
12:00


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


Spec 410 mux 006 ccd 27004 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
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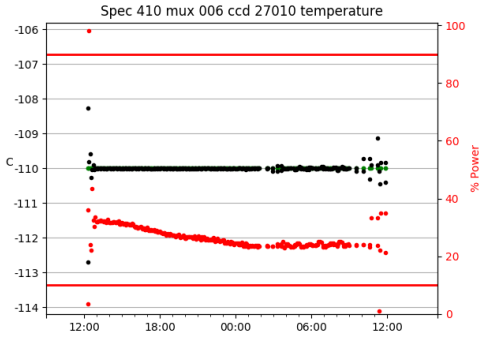
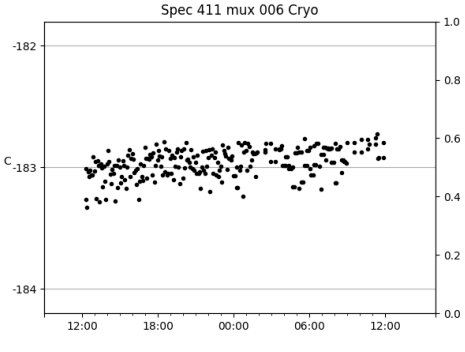
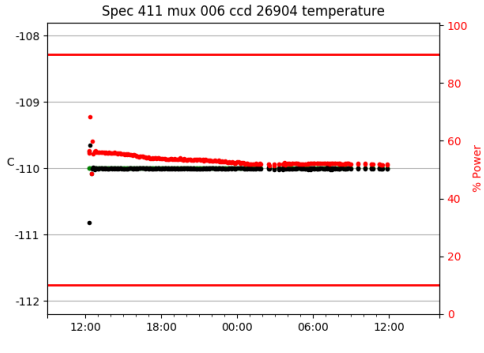
06:00
12:00


Spec 410 mux 006 ccd 27010 temperature
C
-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 411 mux 006 Cryo
C
-182
-183
-184
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


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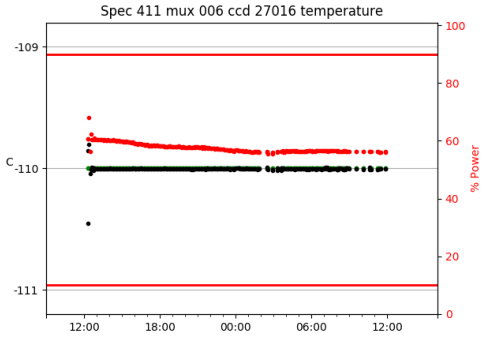
06:00
12:00


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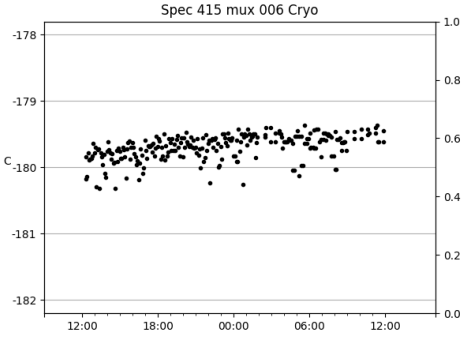
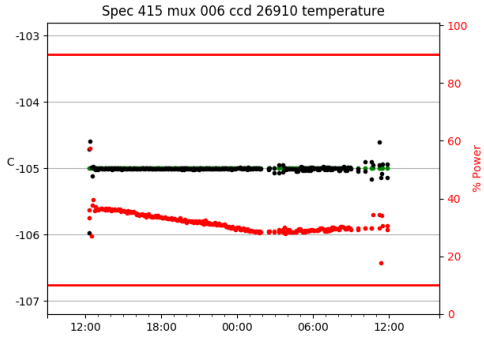
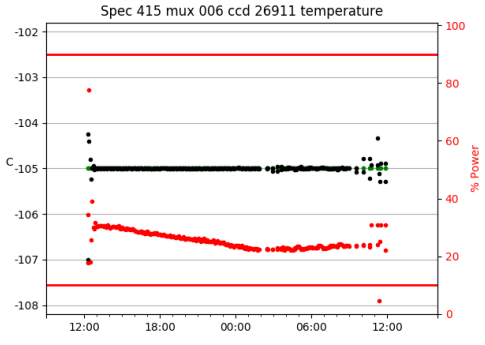
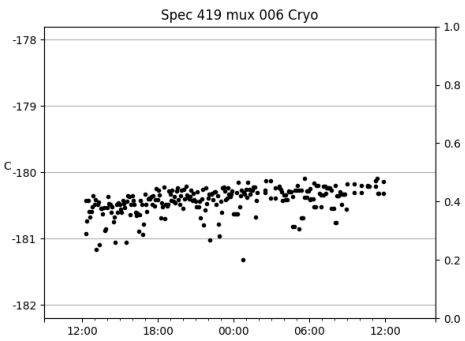
06:00
12:00


Spec 415 mux 006 Cryo
C
-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 415 mux 006 ccd 26910 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 415 mux 006 ccd 26911 temperature
C
-102
-103
-104
-105
-106
-107
-108
% Power
100
80
60
40
20
0
12:00
18:00
00:00
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
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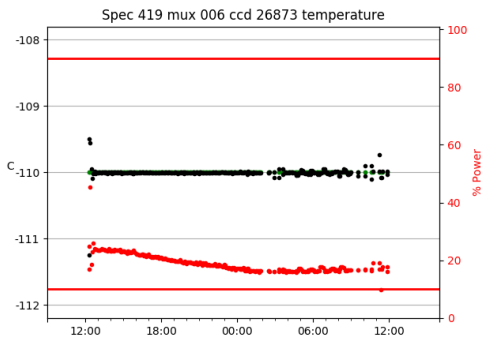
06:00
12:00


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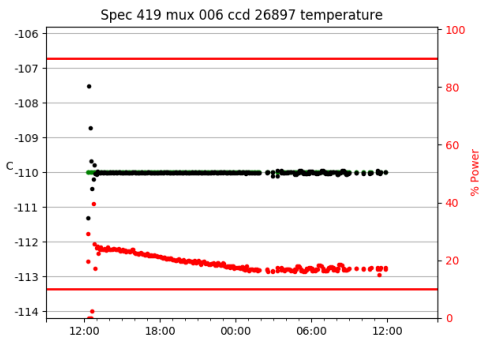
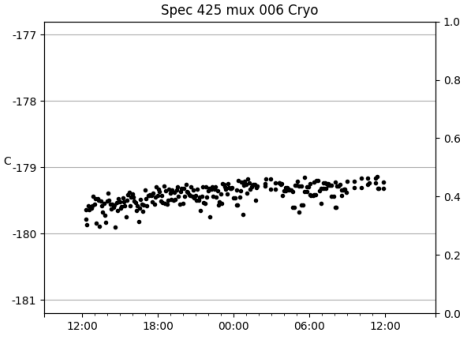
06:00
12:00


Spec 419 mux 006 ccd 26897 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 425 mux 006 Cryo
C
-177
-178
-179
-180
-181
1.0
0.8
0.6
0.4
0.2
0.0
12:00
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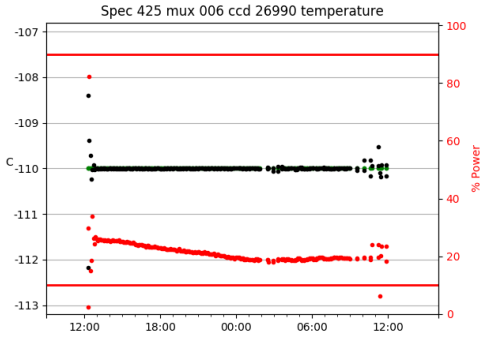
Spec 425 mux 006 ccd 26990 temperature
C
% Power
-107
-108
-109
-110
-111
-112
-113
100
80
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20
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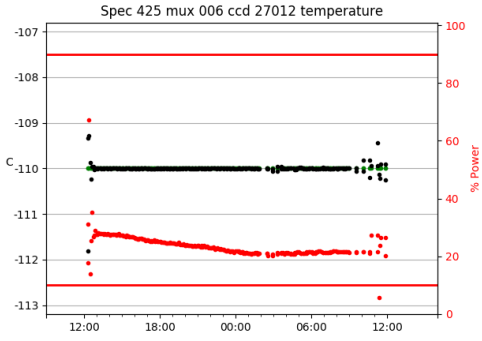
Spec 425 mux 006 ccd 27012 temperature
C
% Power
-107
-108
-109
-110
-111
-112
-113
100
80
60
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20
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06:00
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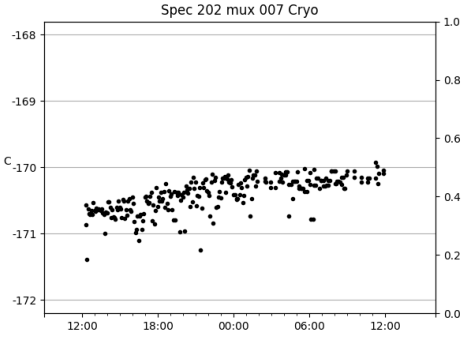
Spec 202 mux 007 Cryo
C
-168
-169
-170
-171
-172
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
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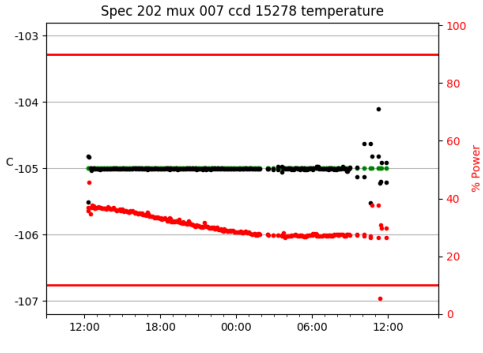
06:00
12:00


Spec 202 mux 007 ccd 15278 temperature
C
% Power
-103
-104
-105
-106
-107
100
80
60
40
20
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18:00
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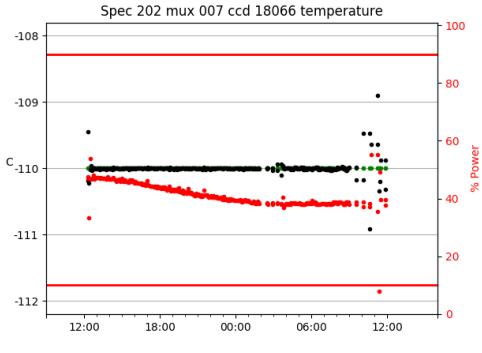
06:00
12:00


Spec 202 mux 007 ccd 18066 temperature
C
% Power
-108
-109
-110
-111
-112
100
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60
40
20
0
12:00
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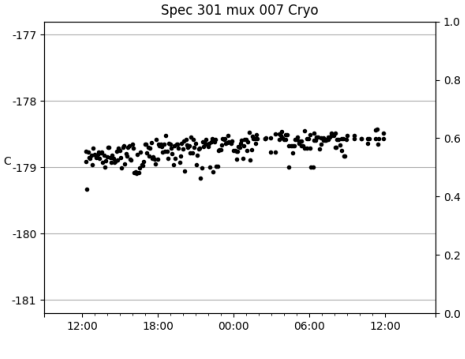
06:00
12:00


Spec 301 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
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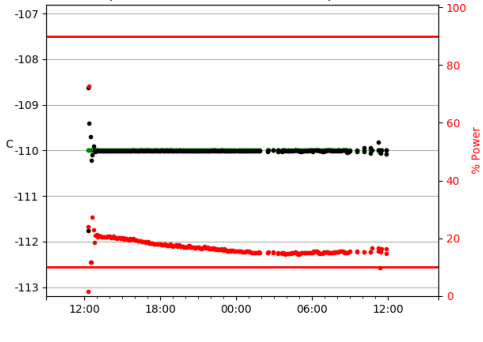
06:00
12:00


Spec 301 mux 007 ccd 21123 temperature
C
% Power
-107
-108
-109
-110
-111
-112
-113
100
80
60
40
20
0
12:00
18:00
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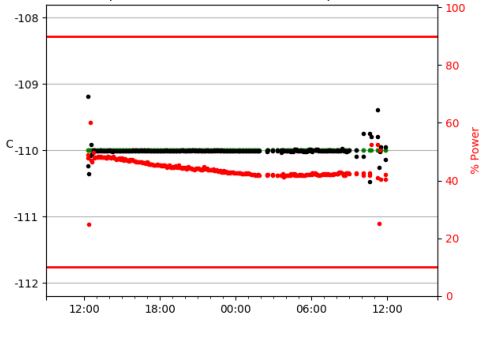
06:00
12:00


Spec 301 mux 007 ccd 21185 temperature
C
% Power
-108
-109
-110
-111
-112
100
80
60
40
20
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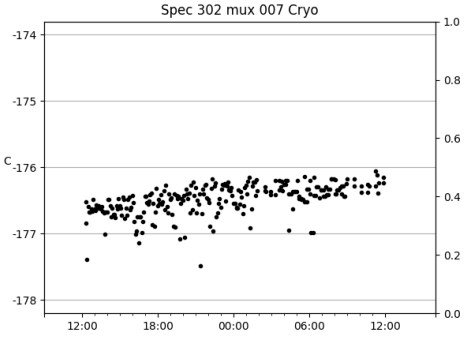
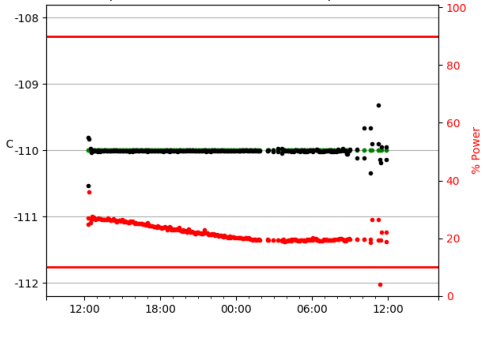
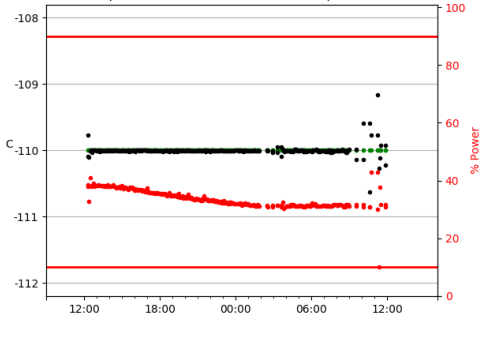
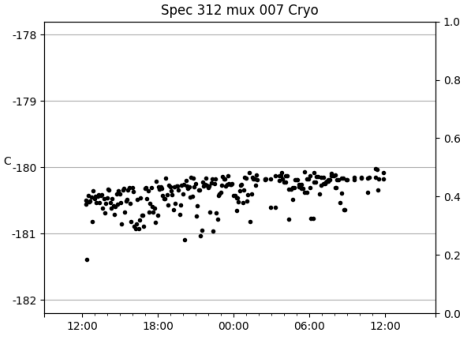
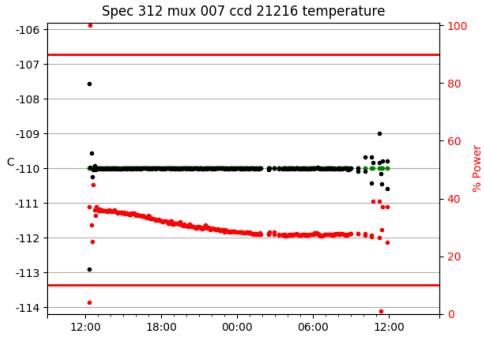
06:00
12:00

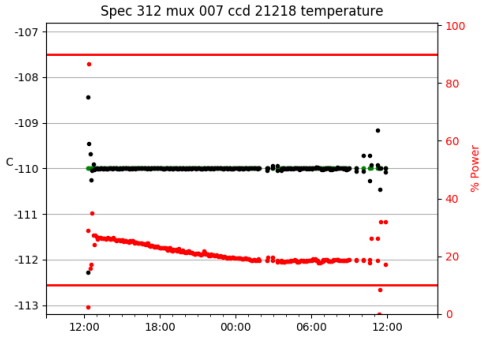

Spec 302 mux 007 Cryo
C
-174
-175
-176
-177
-178
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 302 mux 007 ccd 21102 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 302 mux 007 ccd 21264 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 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
% Power
-106
-107
-108
-109
-110
-111
-112
-113
-114
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 312 mux 007 ccd 21218 temperature
C
% Power
-107
-108
-109
-110
-111
-112
-113
100
80
60
40
20
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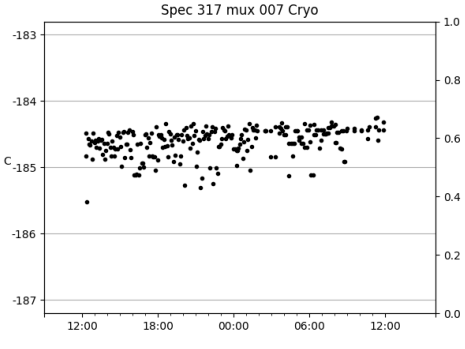
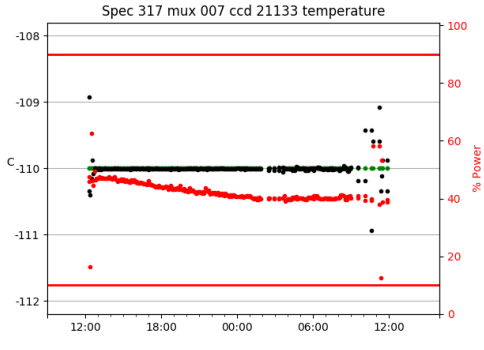
12:00
18:00
00:00
06:00
12:00


Spec 317 mux 007 Cryo
C
-183
-184
-185
-186
-187
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 317 mux 007 ccd 21133 temperature
C
% Power
-108
-109
-110
-111
-112
100
80
60
40
20
0
12:00
18:00
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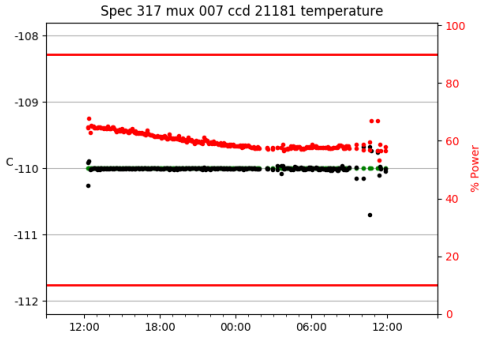
06:00
12:00


Spec 317 mux 007 ccd 21181 temperature
C
% Power
-108
-109
-110
-111
-112
100
80
60
40
20
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12:00
18:00
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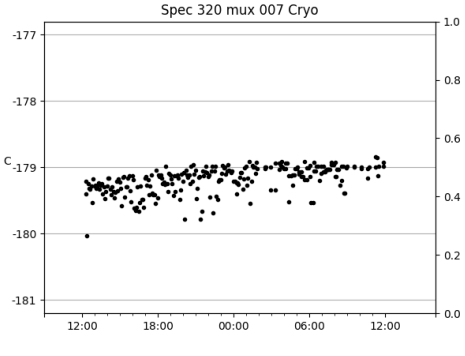
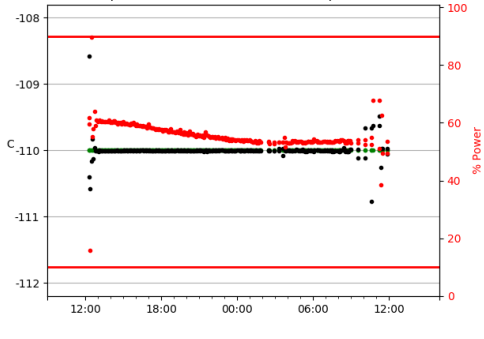
06:00
12:00


Spec 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
% Power
-108
-109
-110
-111
-112
100
80
60
40
20
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12:00
18:00
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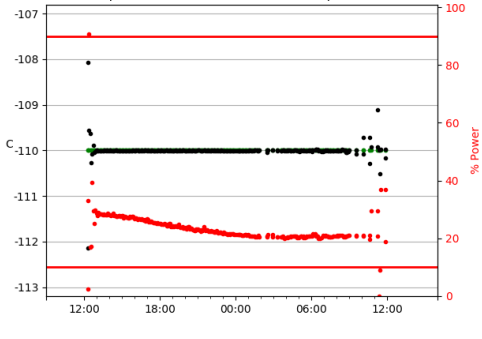
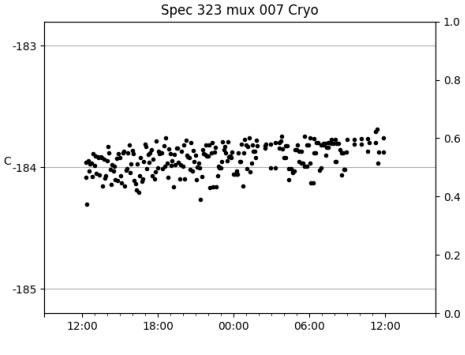
06:00
12:00


Spec 320 mux 007 ccd 21262 temperature
C
% Power
-107
-108
-109
-110
-111
-112
-113
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


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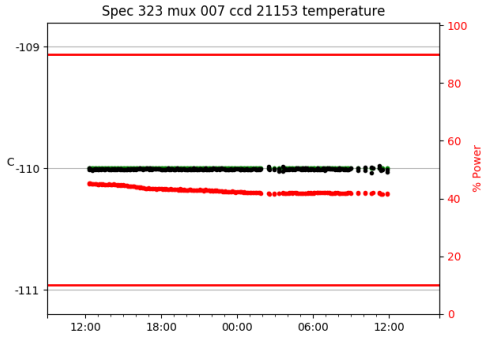
06:00
12:00


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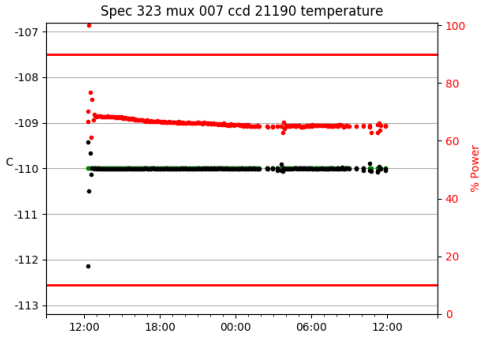
12:00
18:00
00:00
06:00
12:00


Spec 323 mux 007 ccd 21190 temperature
C
% Power
-107
-108
-109
-110
-111
-112
-113
100
80
60
40
20
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12:00
18:00
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06:00
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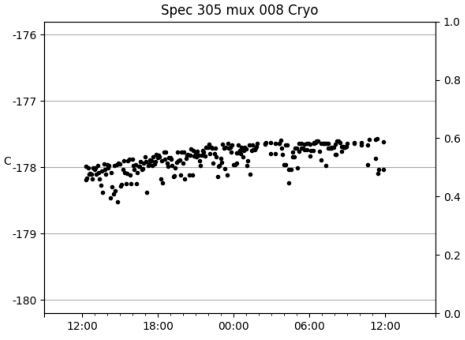
Spec 305 mux 008 Cryo
C
-176
-177
-178
-179
-180
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
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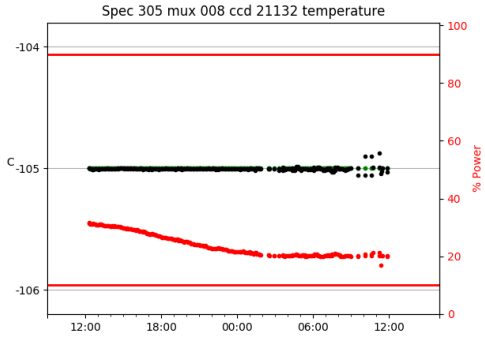
06:00
12:00


Spec 305 mux 008 ccd 21132 temperature
C
-104
-105
-106
% Power
100
80
60
40
20
0
12:00
18:00
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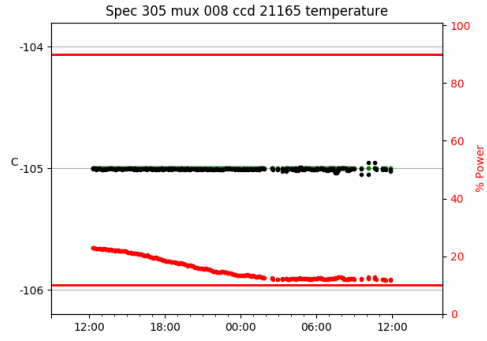
06:00
12:00


Spec 305 mux 008 ccd 21165 temperature
C
-104
-105
-106
% Power
100
80
60
40
20
0
12:00
18:00
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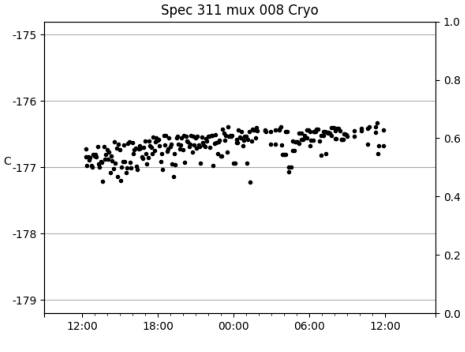
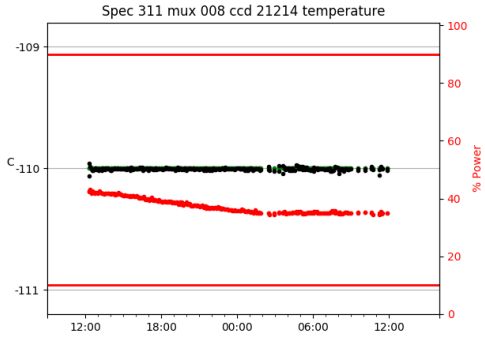
06:00
12:00


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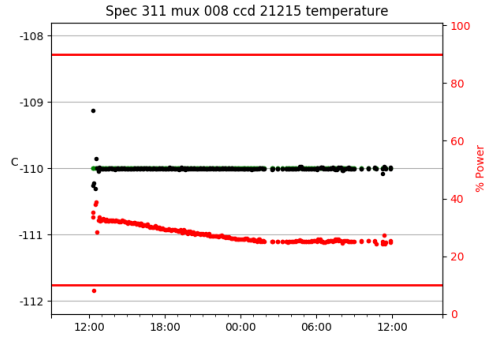
06:00
12:00


Spec 311 mux 008 ccd 21215 temperature
C
-108
-109
-110
-111
-112
% Power
100
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60
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20
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12:00
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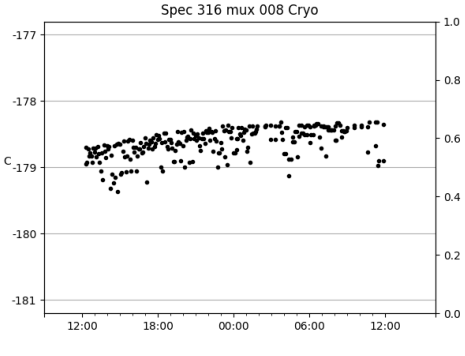
06:00
12:00


Spec 316 mux 008 Cryo
C
-177
-178
-179
-180
-181
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
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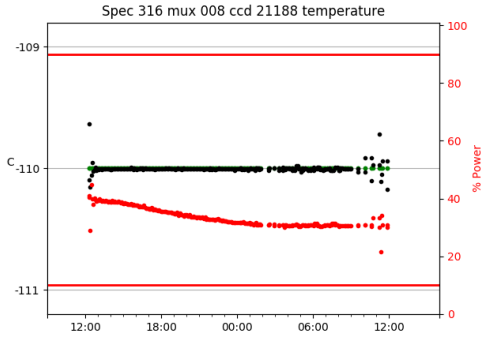
06:00
12:00


Spec 316 mux 008 ccd 21188 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
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12:00
18:00
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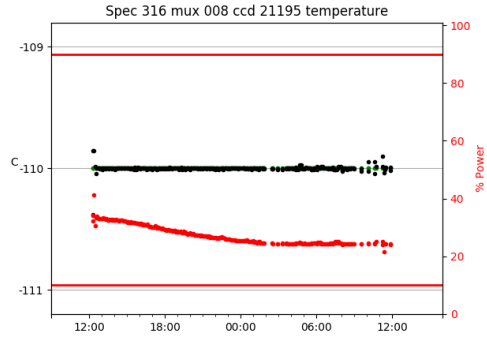
06:00
12:00


Spec 316 mux 008 ccd 21195 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
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12:00
18:00
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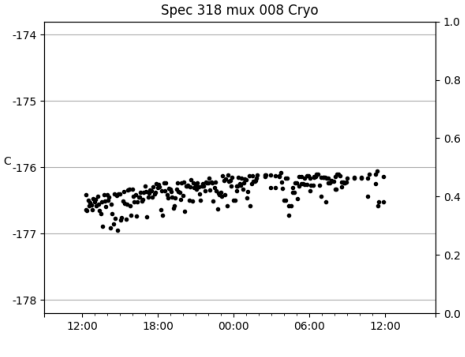
06:00
12:00


Spec 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
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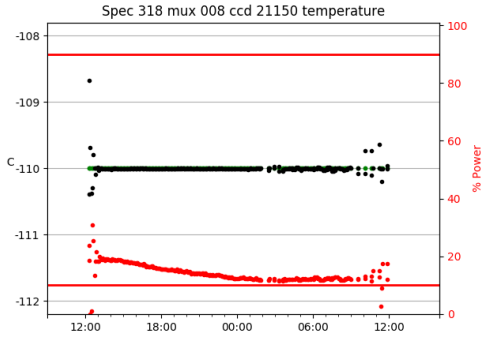
06:00
12:00


Spec 318 mux 008 ccd 21150 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
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12:00
18:00
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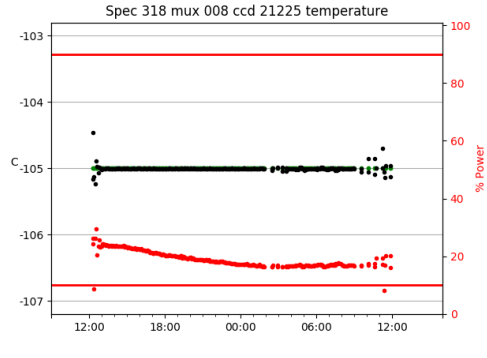
Spec 318 mux 008 ccd 21225 temperature
C
-103
-104
-105
-106
-107
% Power
100
80
60
40
20
0
12:00
18:00
00:00
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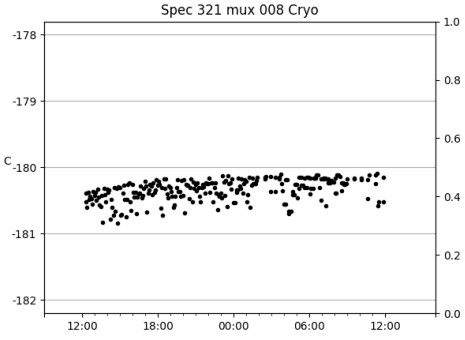
12:00


Spec 321 mux 008 Cryo
C
-178
-179
-180
-181
-182
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0.8
0.6
0.4
0.2
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12:00
18:00
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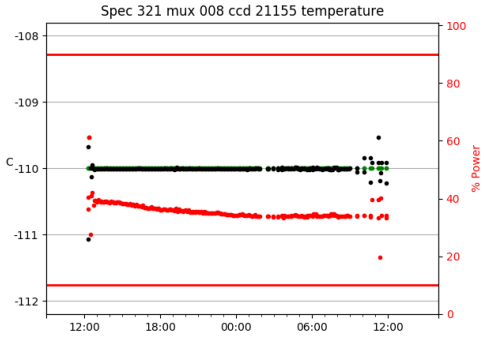
Spec 321 mux 008 ccd 21155 temperature
C
-108
-109
-110
-111
-112
% Power
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60
40
20
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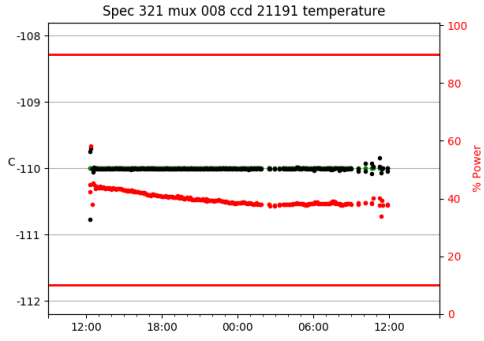
06:00
12:00


Spec 321 mux 008 ccd 21191 temperature
C
-108
-109
-110
-111
-112
% Power
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80
60
40
20
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12:00
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06:00
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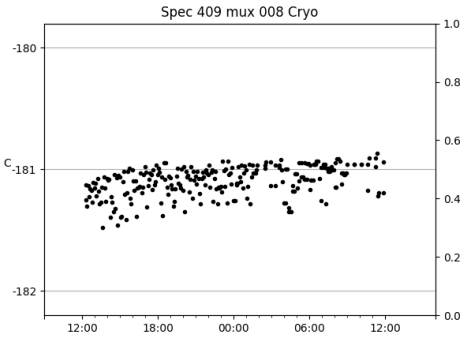
Spec 409 mux 008 Cryo
C
-180
-181
-182
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0.8
0.6
0.4
0.2
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12:00
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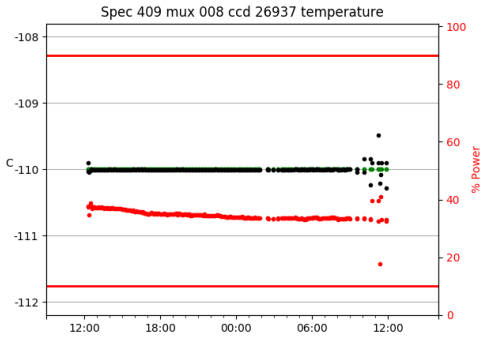
12:00


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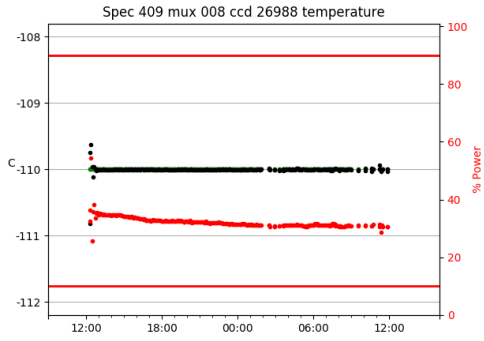
12:00


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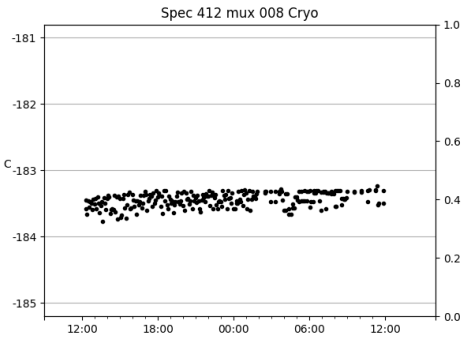
06:00
12:00


Spec 412 mux 008 Cryo
C
-181
-182
-183
-184
-185
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
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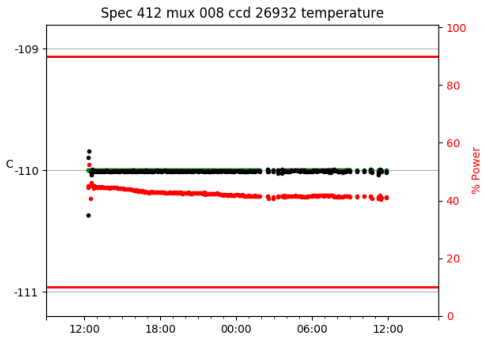
06:00
12:00


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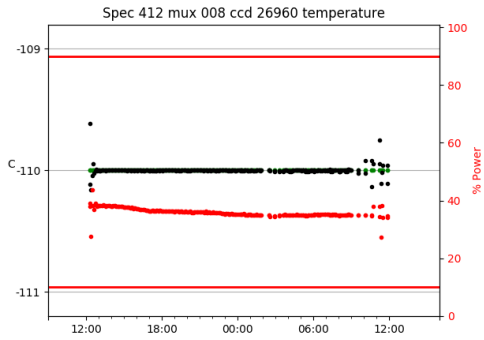
06:00
12:00


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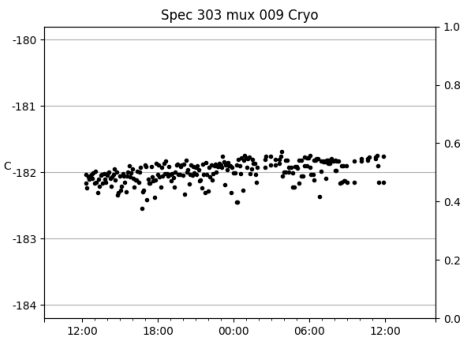
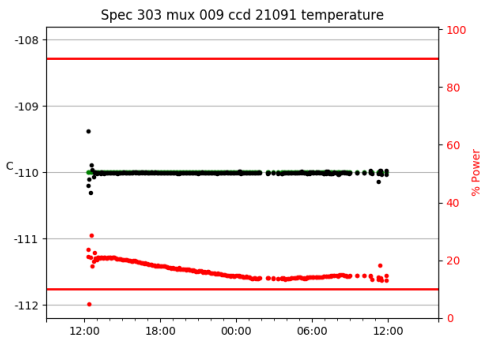
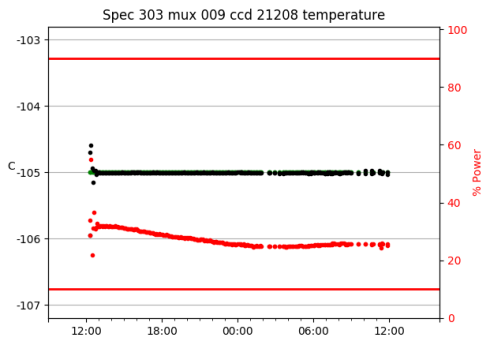
12:00
18:00
00:00
06:00
12:00


Spec 303 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 303 mux 009 ccd 21091 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 303 mux 009 ccd 21208 temperature
C
-103
-104
-105
-106
-107
% Power
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60
40
20
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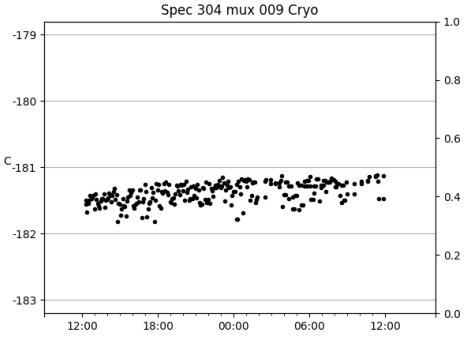
06:00
12:00


Spec 304 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
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06:00
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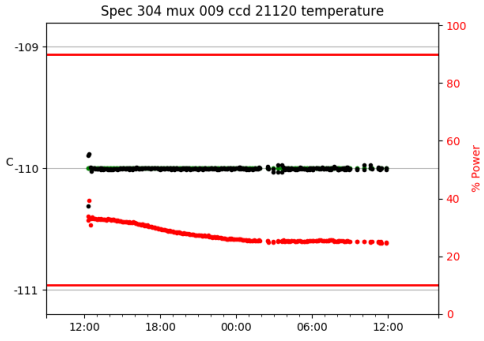
Spec 304 mux 009 ccd 21120 temperature
C
-109
-110
-111
% Power
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80
60
40
20
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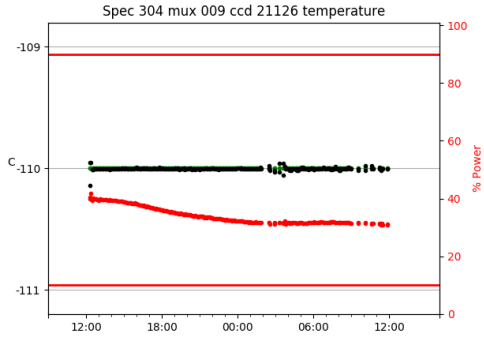
Spec 304 mux 009 ccd 21126 temperature
C
-109
-110
-111
% Power
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60
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06:00
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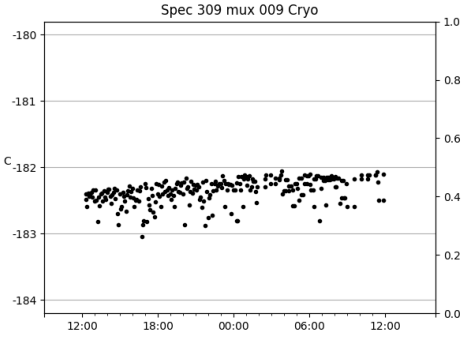
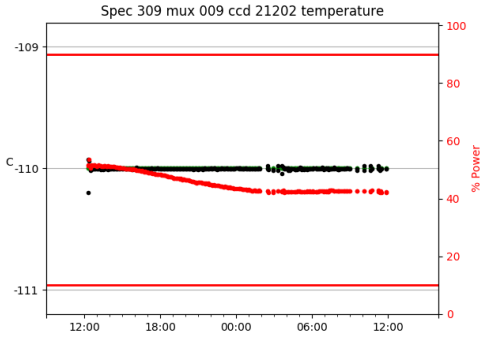

Spec 309 mux 009 Cryo
C
-180
-181
-182
-183
-184
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


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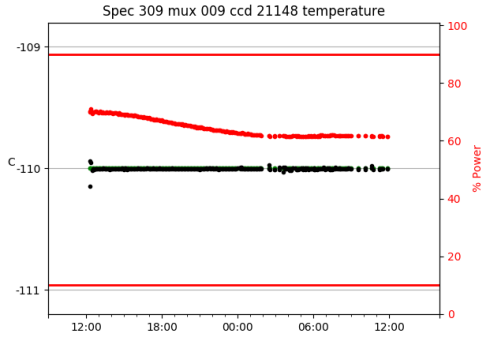
12:00
18:00
00:00
06:00
12:00


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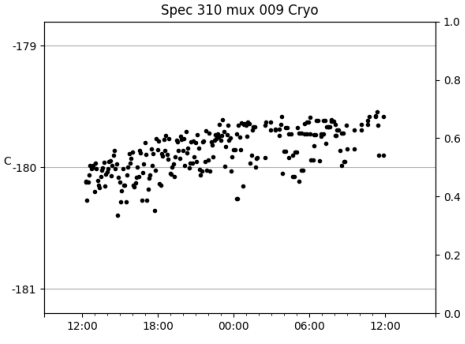
06:00
12:00


Spec 310 mux 009 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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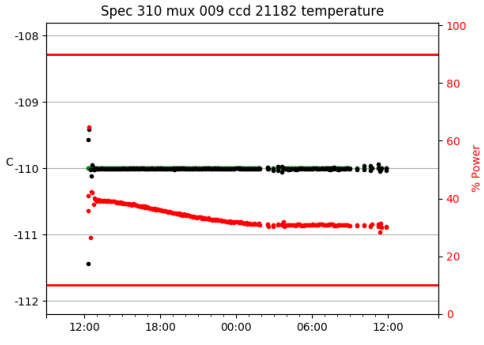
06:00
12:00


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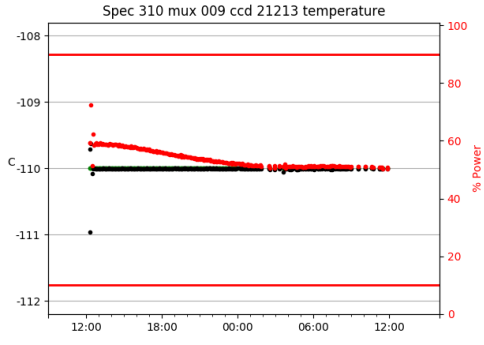
06:00
12:00


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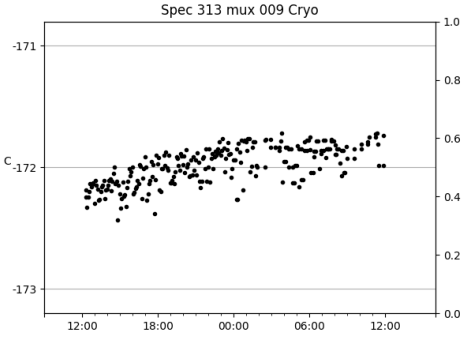
06:00
12:00


Spec 313 mux 009 Cryo
C
-171
-172
-173
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
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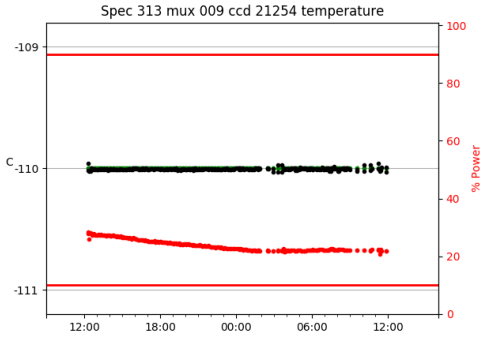
06:00
12:00


Spec 313 mux 009 ccd 21254 temperature
C
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-110
-111
% Power
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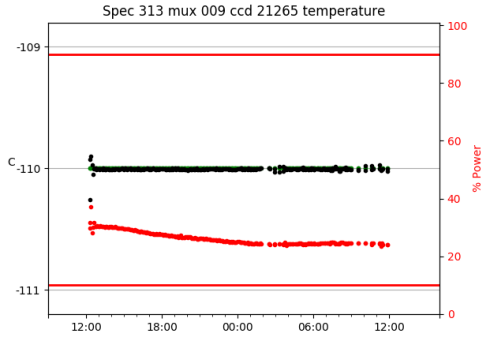
Spec 313 mux 009 ccd 21265 temperature
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-110
-111
% Power
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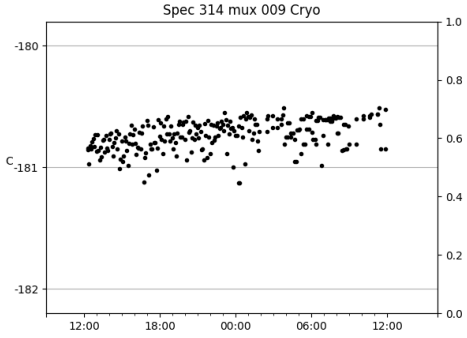
Spec 314 mux 009 Cryo
C
-180
-181
-182
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0.6
0.4
0.2
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12:00
18:00
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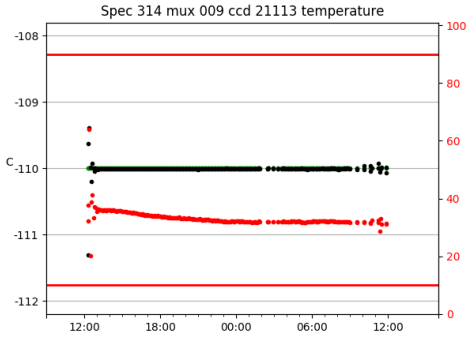
Spec 314 mux 009 ccd 21113 temperature
C
-108
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-111
-112
% Power
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60
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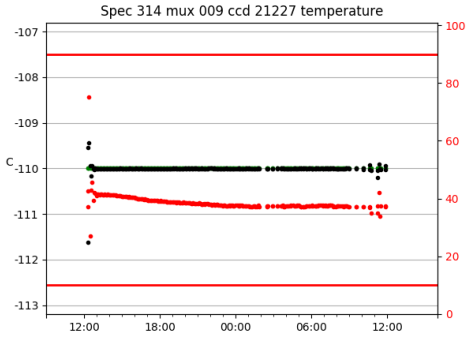
12:00


Spec 314 mux 009 ccd 21227 temperature
C
-107
-108
-109
-110
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-112
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% Power
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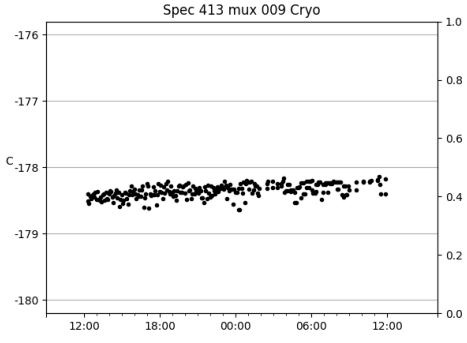
12:00


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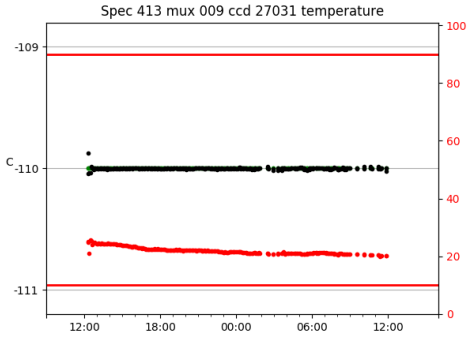
12:00


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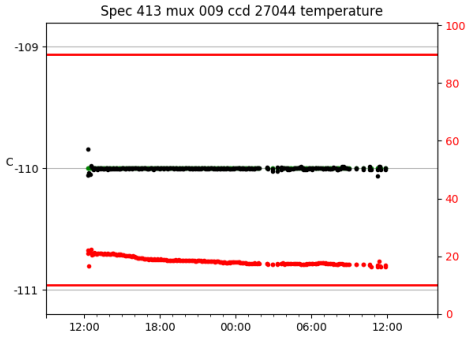
12:00


Spec 413 mux 009 ccd 27044 temperature
C
-109
-110
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% Power
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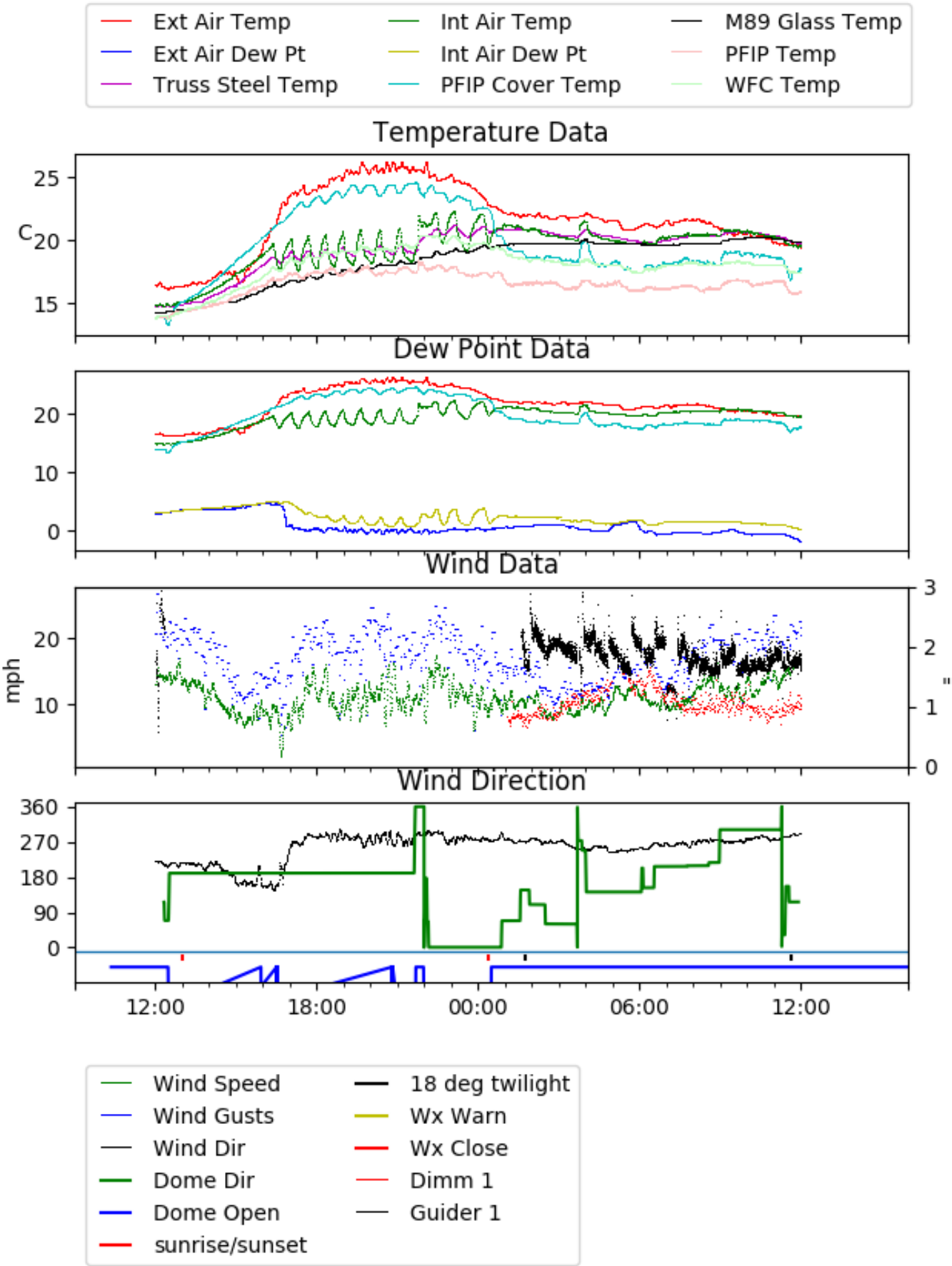
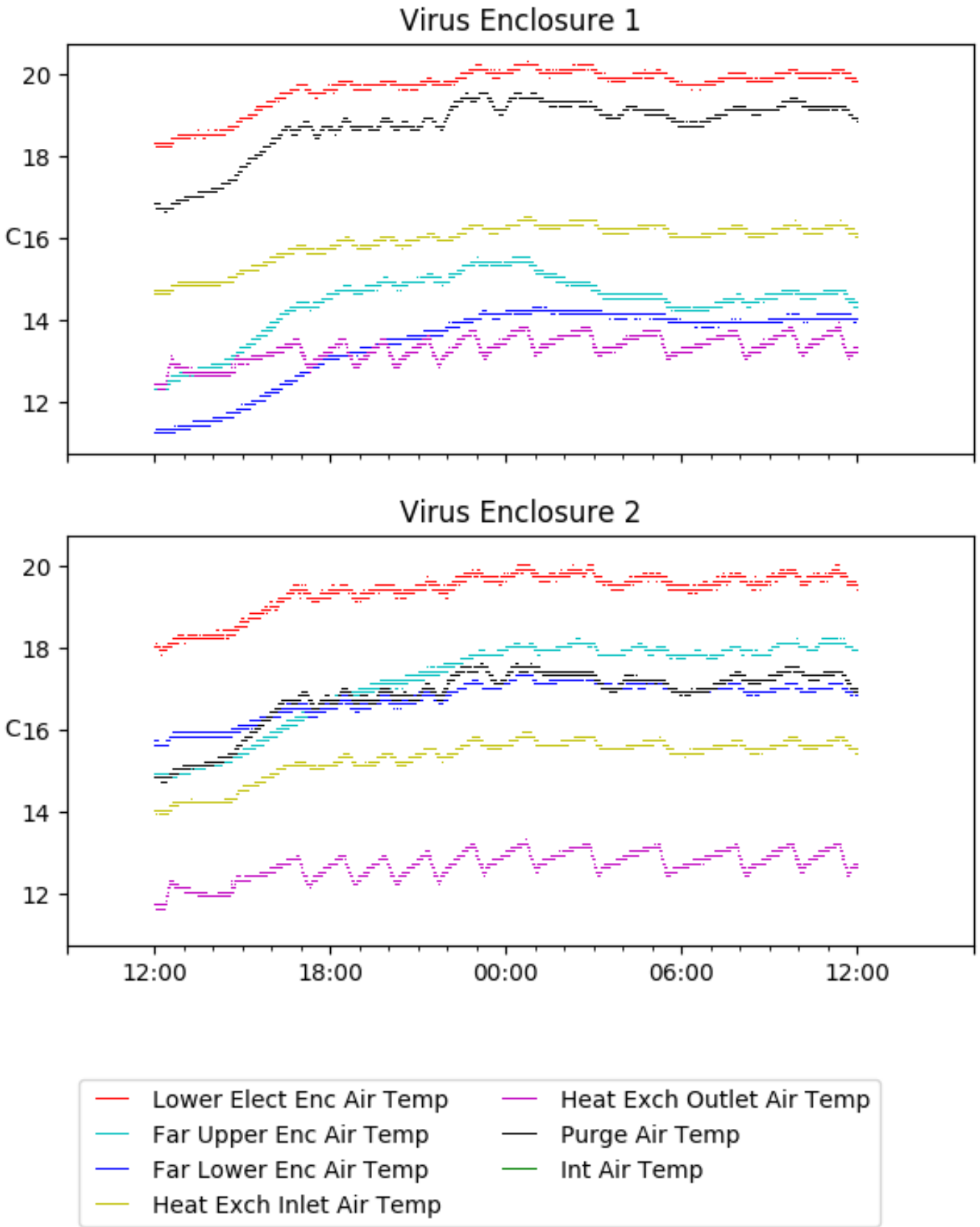
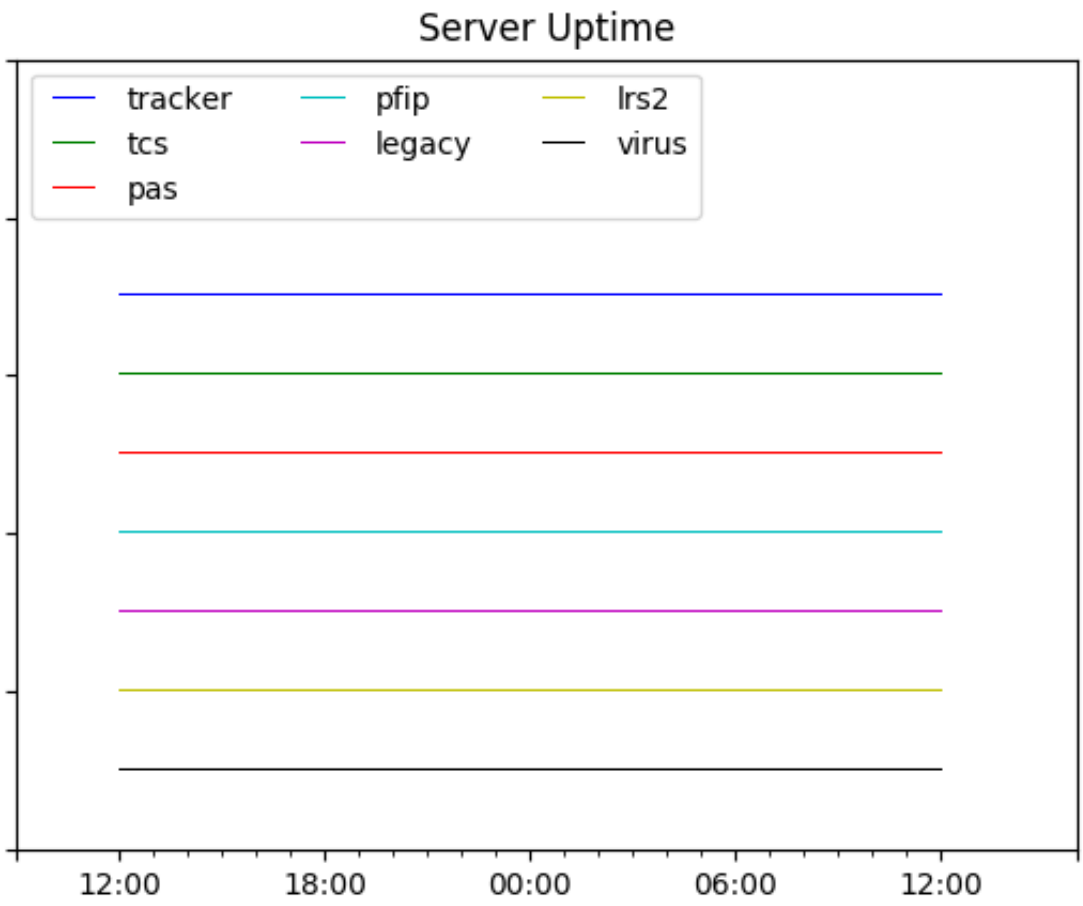
3 Weather


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
25
20
15
Dew Point Data
20
10
0
Wind Data
mph
20
10
3
2
1
0
"
Wind Direction
360
270
180
90
0
12:00
18:00
00:00
06:00
12:00
Wind Speed
Wind Gusts
Wind Dir
Dome Dir
Dome Open
sunrise/sunset
18 deg twilight
Wx Warn
Wx Close
Dimm 1
Guider 1

4 Virus Enclosures



5 Server Up Time

Current server run times:

tracker uptime: 16:28:57 (hh:mm:ss)
tcs uptime: 16:29:16 (hh:mm:ss)
pas uptime: 16:29:31 (hh:mm:ss)
pfip uptime: 16:29:40 (hh:mm:ss)
legacy uptime: 16:30:47 (hh:mm:ss)
lrs2 uptime: 1216:01:26 (hh:mm:ss)
virus uptime: 46:09:03 (hh:mm:ss)