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

2024-04-30 12:00:07 to 2024-05-01 12:00:01 UTC

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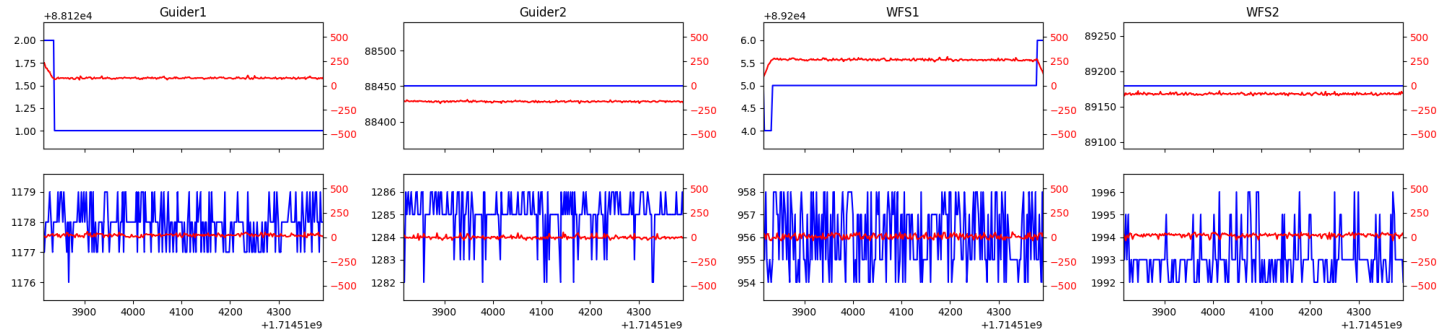
*This report has been automatically generated. Id: status_report.py 13712 2023-09-20 20:12:14Z jrf

1 Trajectories

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

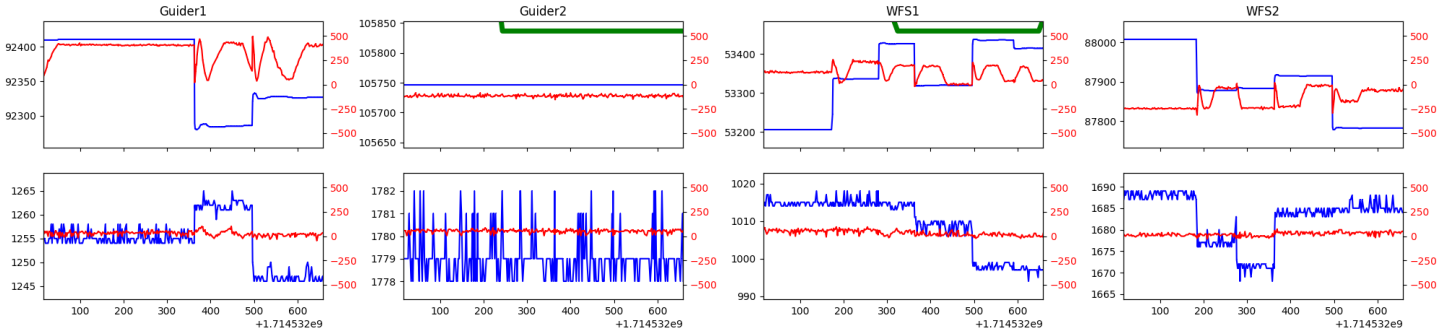
1.1 188

Trajectory 188 for desired Azimuth 65.453 was loaded at 21:49:11.13. The go_next command was sent at 21:49:14.110 and took 114.152 seconds to complete. The trajectory was cancelled at 21:59:51.38. The trajectory was stopped at 21:59:57.07 with the message "Reached end of track.".



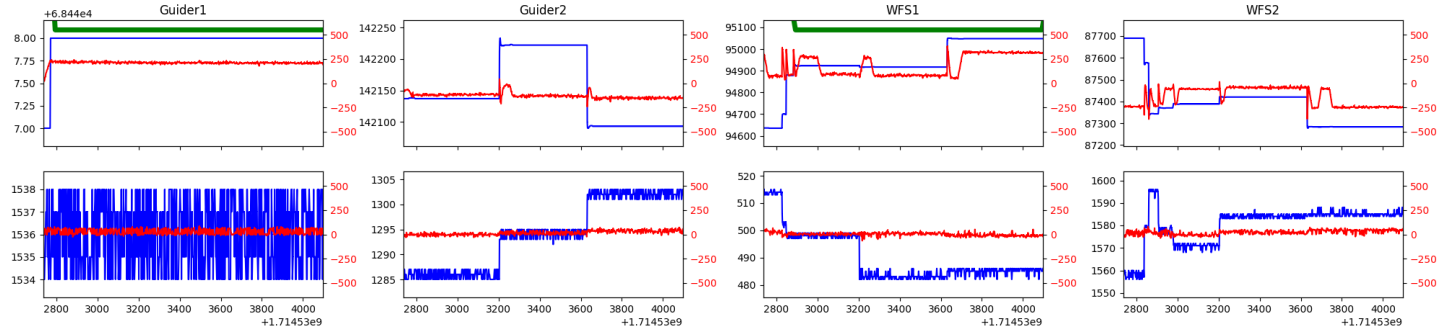
1.2 933

Trajectory 933 for desired Azimuth 95.385493 was loaded at 02:52:33.49. The go_next command was sent at 02:52:38.822 and took 80.335 seconds to complete. The setup took 228.25 seconds at an actual azimuth of 95.393252 The trajectory was cancelled at 03:04:18.18. The trajectory was stopped at 03:04:23.51 with the message "Reached end of track.".



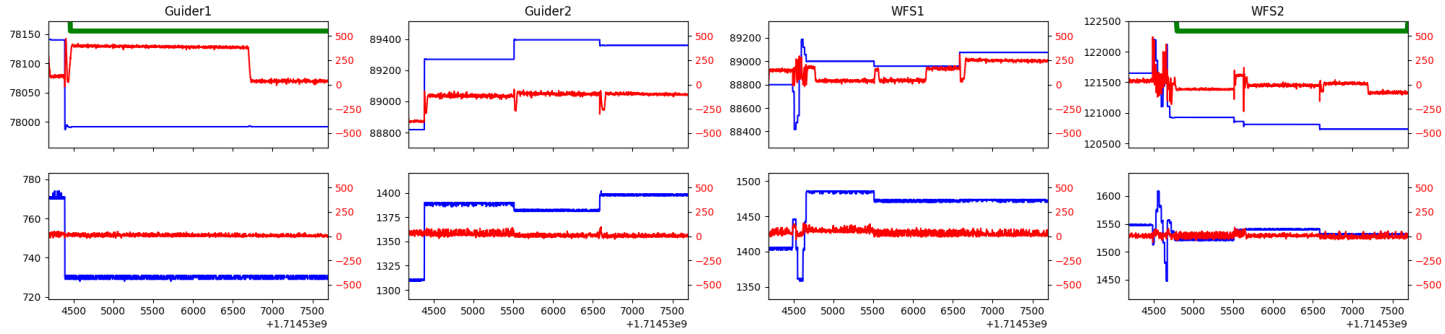
1.3 453

Trajectory 453 for desired Azimuth 46.8355 was loaded at 03:04:24.00. The go_next command was sent at 03:04:24.721 and took 90.012 seconds to complete. The setup took 56.44 seconds at an actual azimuth of 46.839359 The trajectory was cancelled at 03:28:17.34. The trajectory was stopped at 03:28:23.06 with the message "Reached end of track.".



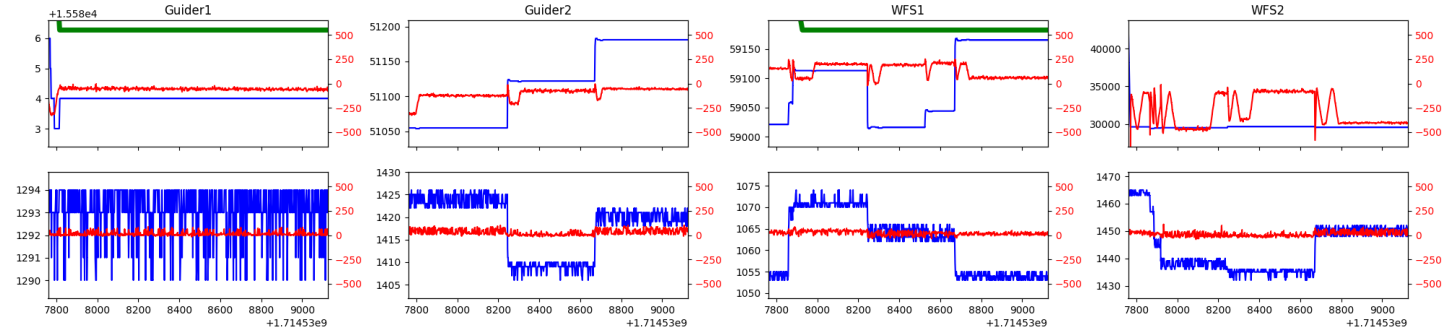
1.4 515

Trajectory 515 for desired Azimuth 39.879546 was loaded at 03:28:24.65. The go_next command was sent at 03:28:29.996 and took 80.598 seconds to complete. The setup took 283.23 seconds at an actual azimuth of 39.878302 The trajectory was cancelled at 04:28:13.27. The trajectory was stopped at 04:28:19.43 with the message "Reached end of track.".



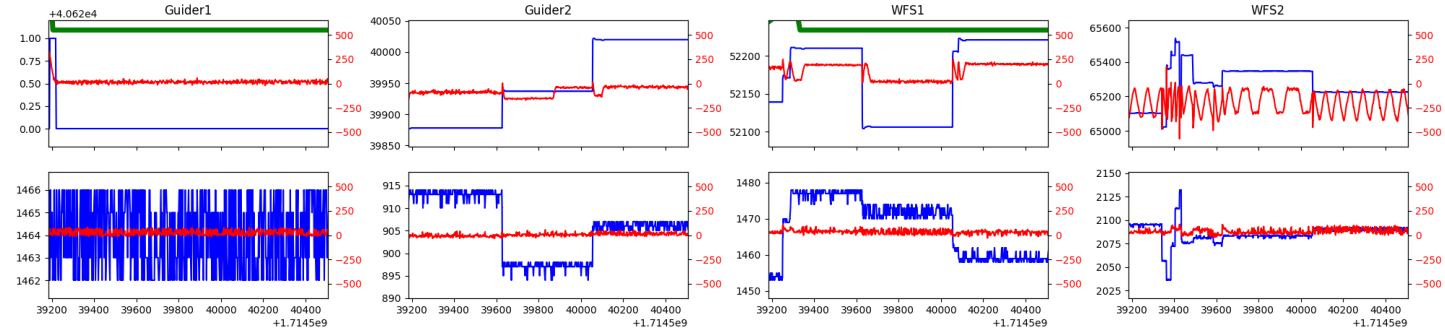
1.5 771

Trajectory 771 for desired Azimuth 45.5642 was loaded at 04:28:19.94. The go_next command was sent at 04:28:20.986 and took 81.495 seconds to complete. The setup took 66.45 seconds at an actual azimuth of 45.576863 The trajectory was cancelled at 04:52:05.96. The trajectory was stopped at 04:52:11.66 with the message "Reached end of track.".



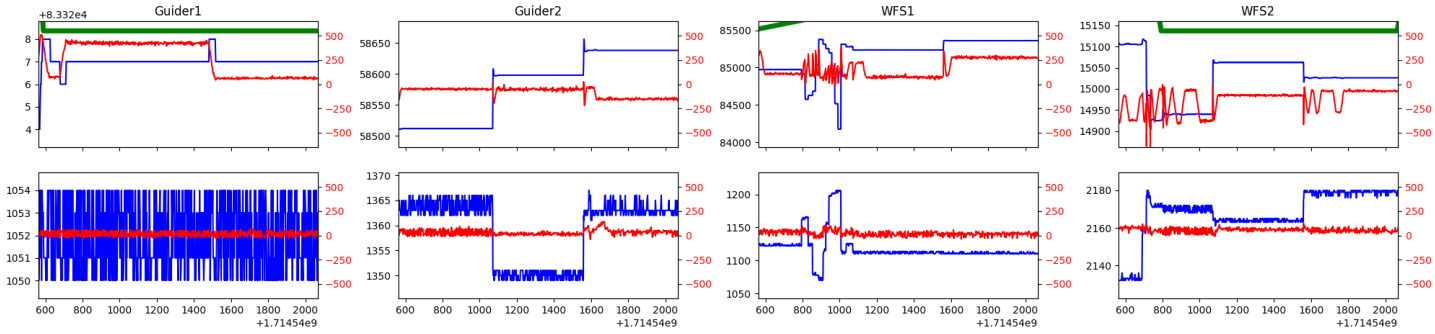
1.6 948

Trajectory 948 for desired Azimuth 45.5769 was loaded at 04:52:12.14. The go_next command was sent at 04:52:13.112 and took 49.300 seconds to complete. The setup took 51.03 seconds at an actual azimuth of 45.576863 The trajectory was cancelled at 05:15:06.24. The trajectory was stopped at 05:15:11.57 with the message "Reached end of track.".



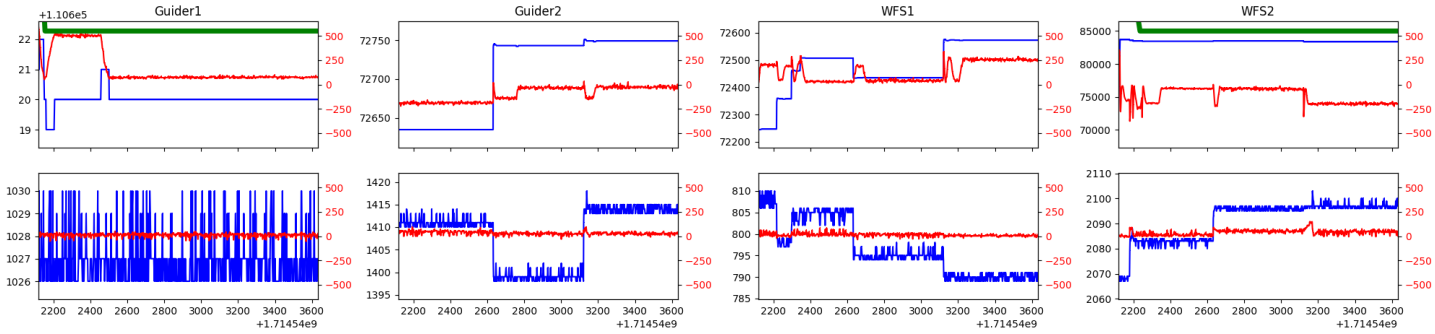
1.7 364

Trajectory 364 for desired Azimuth 45.5769 was loaded at 05:15:12.05. The go_next command was sent at 05:15:12.754 and took 48.580 seconds to complete. The setup took 56.29 seconds at an actual azimuth of 45.576863 The trajectory was cancelled at 05:41:06.89. The trajectory was stopped at 05:41:12.92 with the message "Reached end of track.".



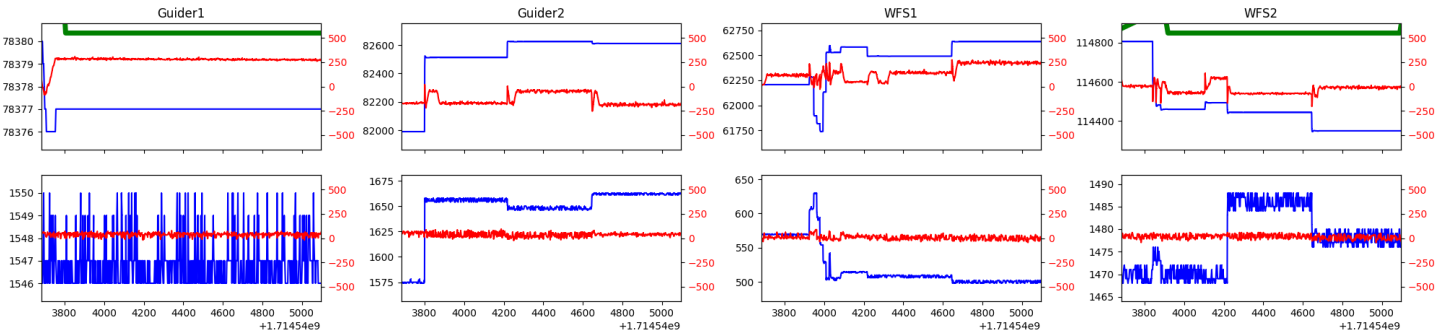
1.8 482

Trajectory 482 for desired Azimuth 45.5769 was loaded at 05:41:13.41. The go_next command was sent at 05:41:14.125 and took 58.400 seconds to complete. The setup took 45.45 seconds at an actual azimuth of 45.576863 The trajectory was cancelled at 06:07:12.02. The trajectory was stopped at 06:07:17.59 with the message "Reached end of track.".



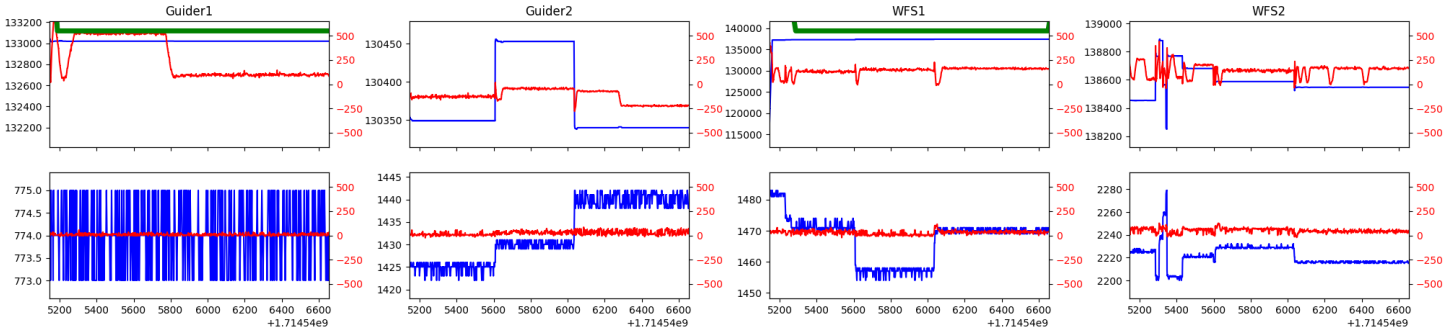
1.9 704

Trajectory 704 for desired Azimuth 315.5432 was loaded at 06:07:18.08. The go_next command was sent at 06:07:18.803 and took 116.749 seconds to complete. The setup took 69.45 seconds at an actual azimuth of 315.547612 The trajectory was cancelled at 06:31:35.53. The trajectory was stopped at 06:31:41.16 with the message "Reached end of track.".



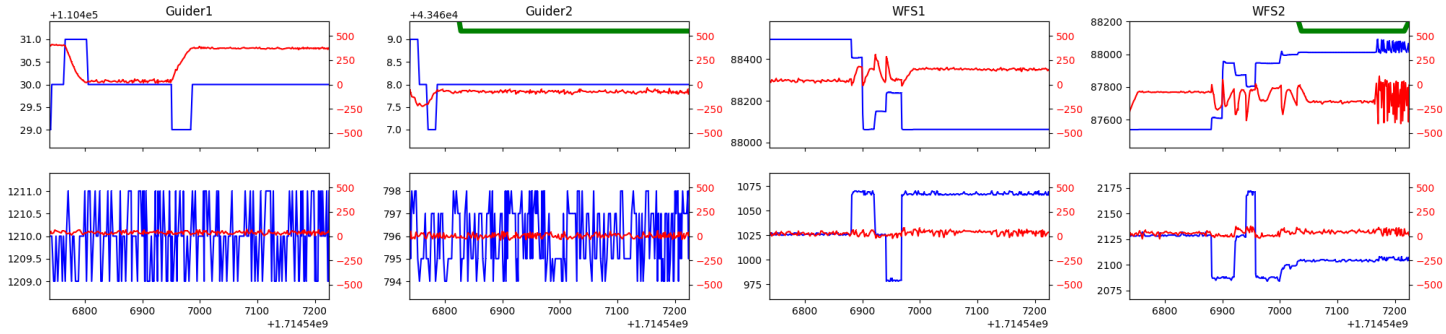
1.10 659

Trajectory 659 for desired Azimuth 315.5478 was loaded at 06:31:41.66. The go_next command was sent at 06:31:42.366 and took 63.519 seconds to complete. The setup took 49.12 seconds at an actual azimuth of 315.547812 The trajectory was cancelled at 06:57:35.29. The trajectory was stopped at 06:57:40.45 with the message "Reached end of track.".



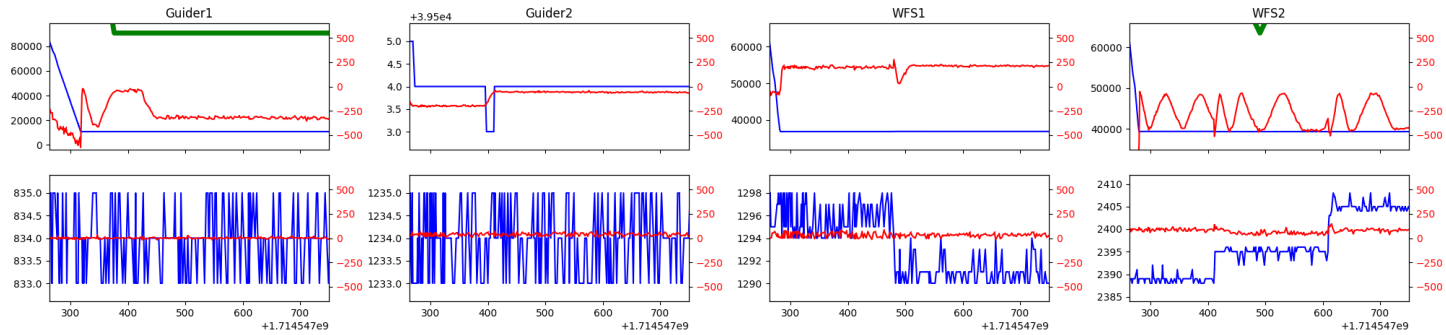
1.11 908

Trajectory 908 for desired Azimuth 224.642954 was loaded at 06:57:41.84. The go_next command was sent at 06:57:47.176 and took 116.557 seconds to complete. The setup took 79.80 seconds at an actual azimuth of 224.643754 The trajectory was cancelled at 07:07:04.43. The trajectory was stopped at 07:07:10.29 with the message "Reached end of track.".



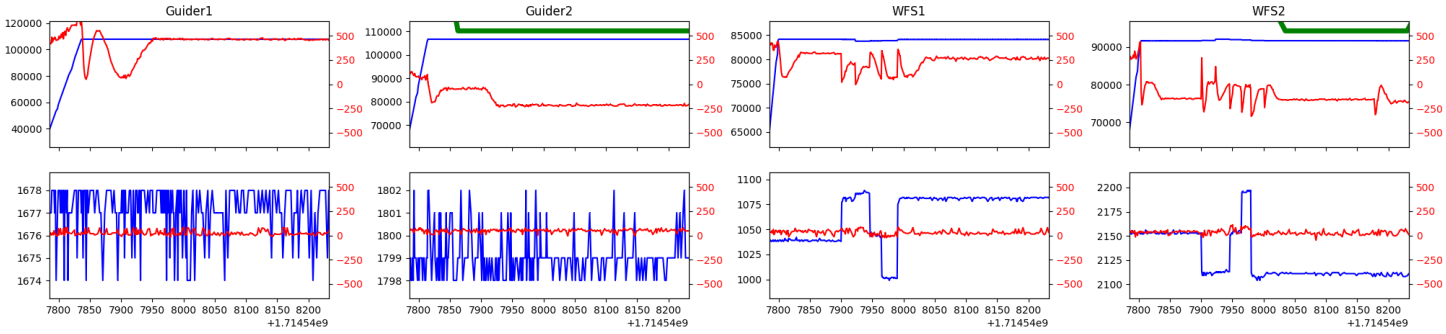
1.12 135

Trajectory 135 for desired Azimuth 224.674121 was loaded at 07:07:11.69. The go_next command was sent at 07:07:21.768 and took 84.363 seconds to complete. The setup took 73.25 seconds at an actual azimuth of 224.676254 The trajectory was cancelled at 07:15:49.98. The trajectory was stopped at 07:15:55.35 with the message "Reached end of track.".



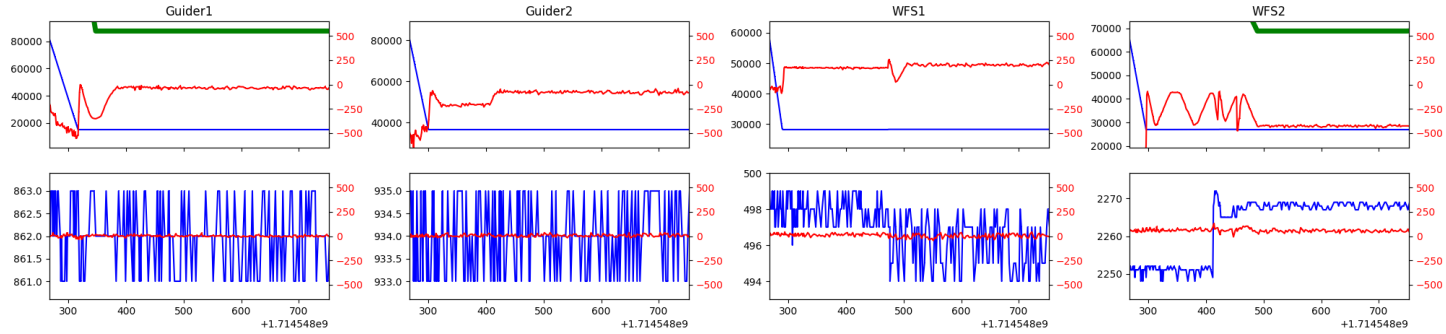
1.13 577

Trajectory 577 for desired Azimuth 224.617744 was loaded at 07:15:56.81. The go_next command was sent at 07:16:02.148 and took 84.351 seconds to complete. The setup took 41.18 seconds at an actual azimuth of 224.615654 The trajectory was cancelled at 07:23:52.63. The trajectory was stopped at 07:23:58.78 with the message "Reached end of track.".



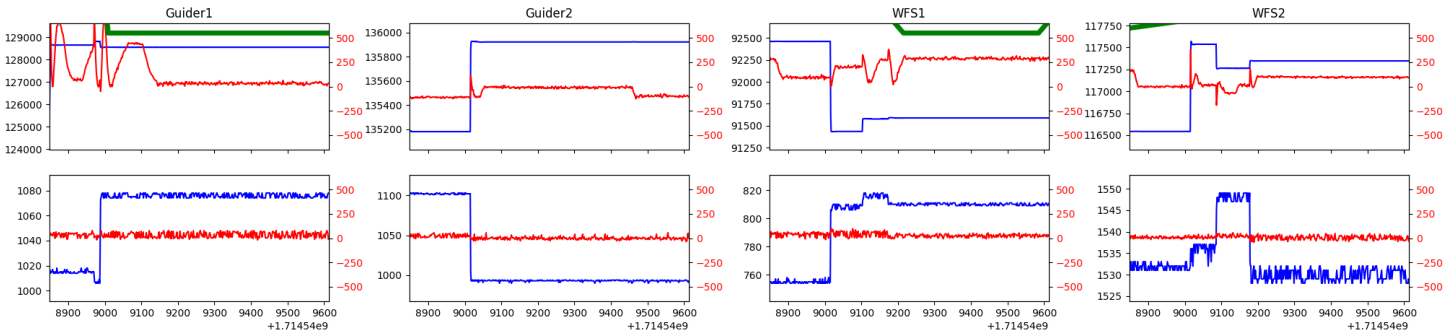
1.14 512

Trajectory 512 for desired Azimuth 224.648923 was loaded at 07:24:00.17. The go_next command was sent at 07:24:05.506 and took 79.535 seconds to complete. The setup took 58.45 seconds at an actual azimuth of 224.651454 The trajectory was cancelled at 07:32:32.14. The trajectory was stopped at 07:32:38.01 with the message "Reached end of track.".



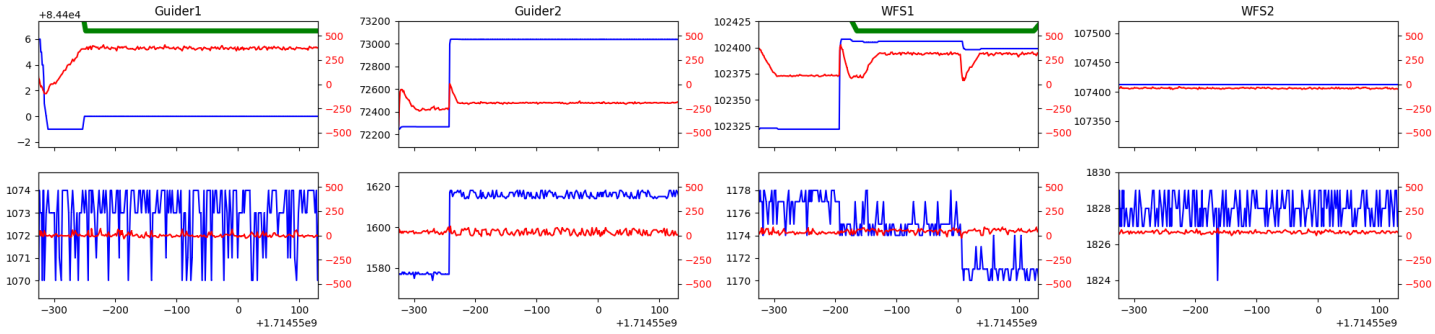
1.15 741

Trajectory 741 for desired Azimuth 254.986623 was loaded at 07:32:39.41. The go_next command was sent at 07:32:44.743 and took 106.244 seconds to complete. The setup took 168.36 seconds at an actual azimuth of 254.986749 The trajectory was cancelled at 07:46:53.26. The trajectory was stopped at 07:46:59.25 with the message "Reached end of track.".



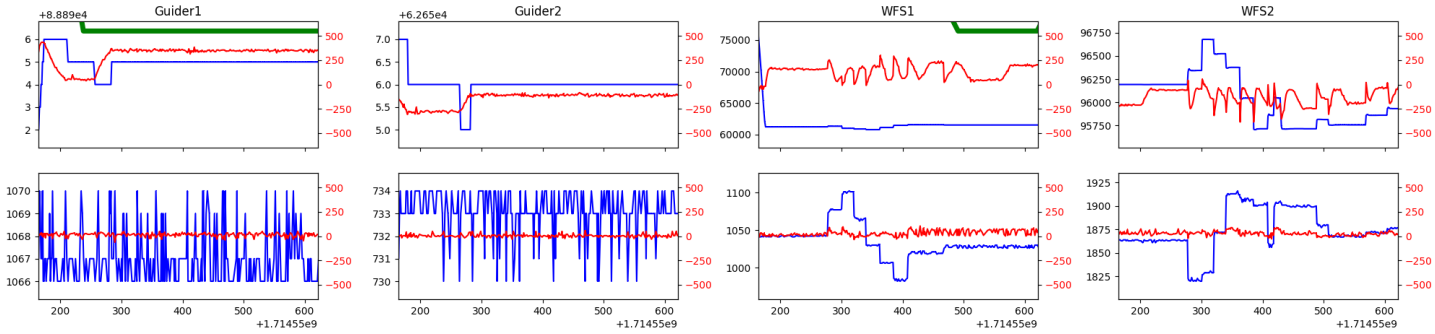
1.16 369

Trajectory 369 for desired Azimuth 198.221153 was loaded at 07:47:00.64. The go_next command was sent at 07:47:05.973 and took 92.456 seconds to complete. The setup took 60.47 seconds at an actual azimuth of 198.224054 The trajectory was cancelled at 07:55:30.30. The trajectory was stopped at 07:55:35.77 with the message "Reached end of track.".



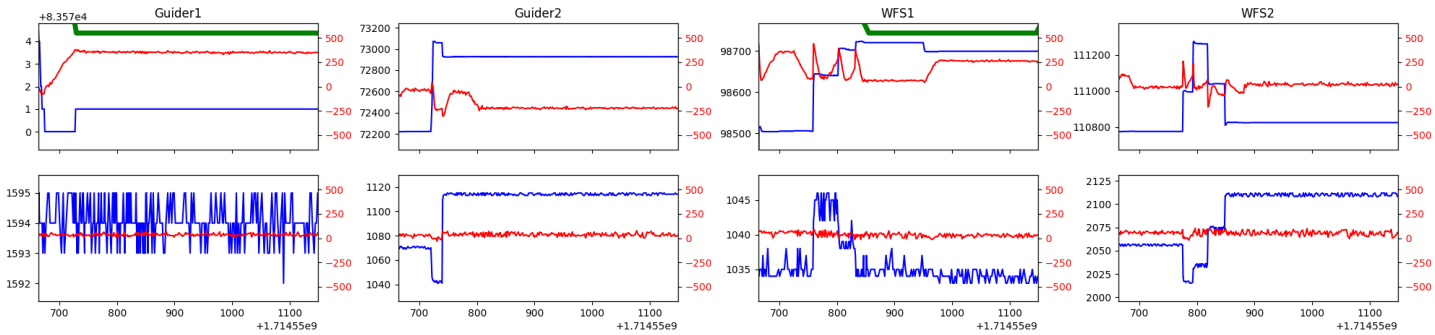
1.17 490

Trajectory 490 for desired Azimuth 198.307326 was loaded at 07:55:37.16. The go_next command was sent at 07:55:42.501 and took 56.778 seconds to complete. The setup took 61.87 seconds at an actual azimuth of 198.308314 The trajectory was cancelled at 08:03:41.72. The trajectory was stopped at 08:03:47.24 with the message "Reached end of track.".



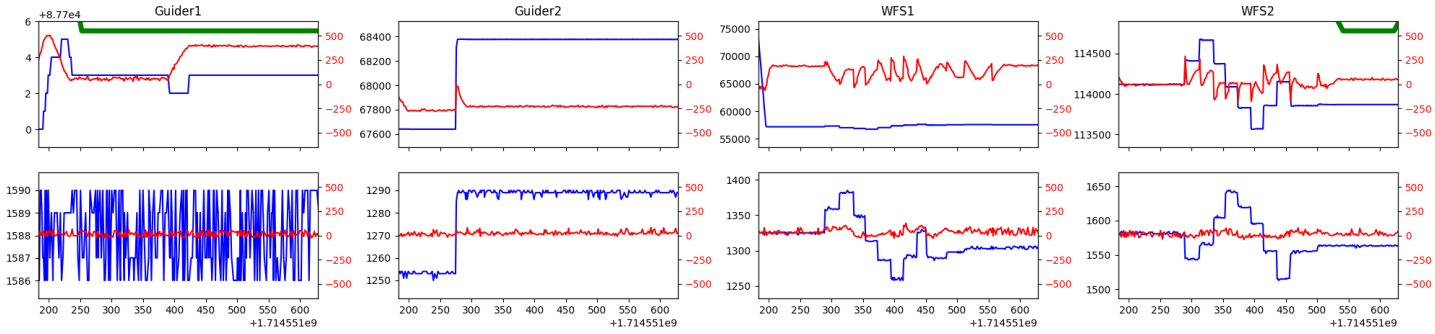
1.18 51

Trajectory 51 for desired Azimuth 198.193972 was loaded at 08:03:48.63. The go_next command was sent at 08:03:53.968 and took 56.701 seconds to complete. The setup took 60.57 seconds at an actual azimuth of 198.195767 The trajectory was cancelled at 08:12:29.51. The trajectory was stopped at 08:12:35.85 with the message "Reached end of track.".



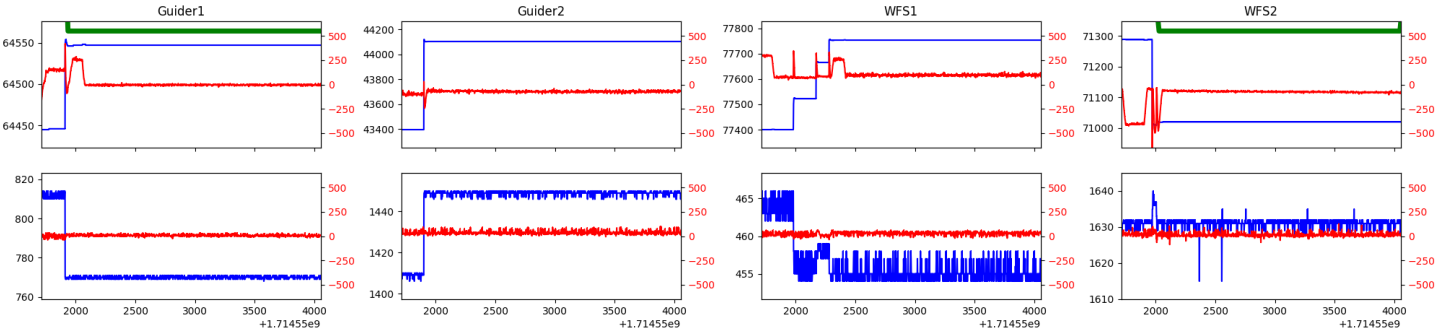
1.19 683

Trajectory 683 for desired Azimuth 198.280165 was loaded at 08:12:37.30. The go_next command was sent at 08:12:42.638 and took 56.711 seconds to complete. The setup took 58.71 seconds at an actual azimuth of 198.280128 The trajectory was cancelled at 08:20:28.77. The trajectory was stopped at 08:20:34.58 with the message "Reached end of track.".



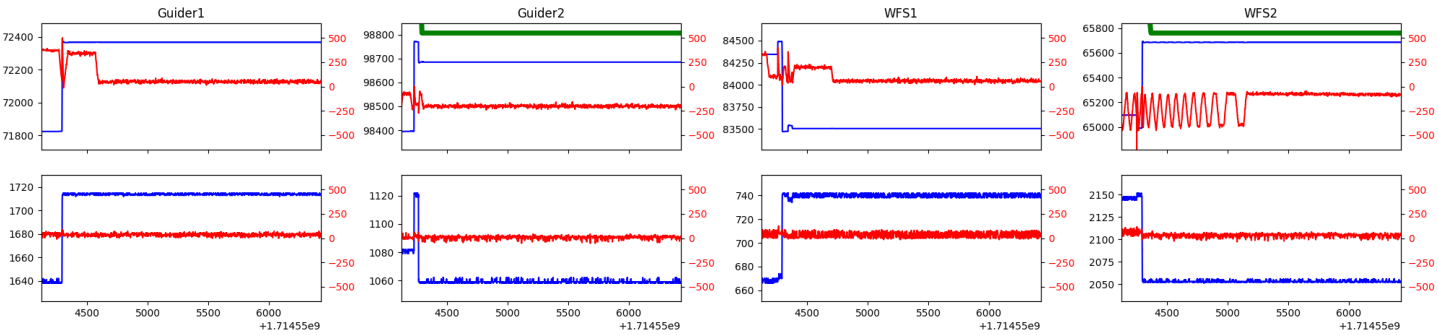
1.20 852

Trajectory 852 for desired Azimuth 66.656484 was loaded at 08:20:36.06. The go_next command was sent at 08:20:41.390 and took 155.414 seconds to complete. The setup took 156.37 seconds at an actual azimuth of 66.657621 The trajectory was cancelled at 09:00:53.78. The trajectory was stopped at 09:00:58.85 with the message "Reached end of track.".



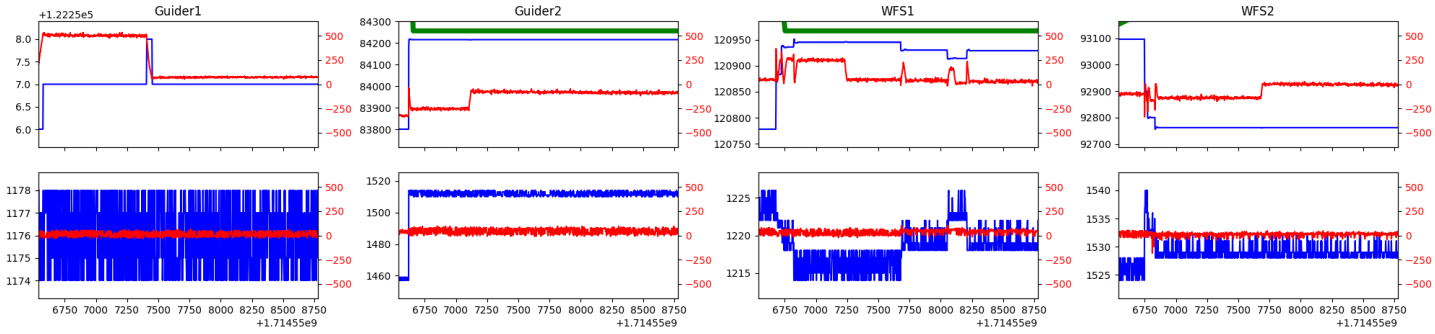
1.21 896

Trajectory 896 for desired Azimuth 125.224063 was loaded at 09:01:00.38. The go_next command was sent at 09:01:05.721 and took 94.444 seconds to complete. The setup took 153.68 seconds at an actual azimuth of 125.223864 The trajectory was cancelled at 09:40:28.70. The trajectory was stopped at 09:40:34.19 with the message "Reached end of track.".



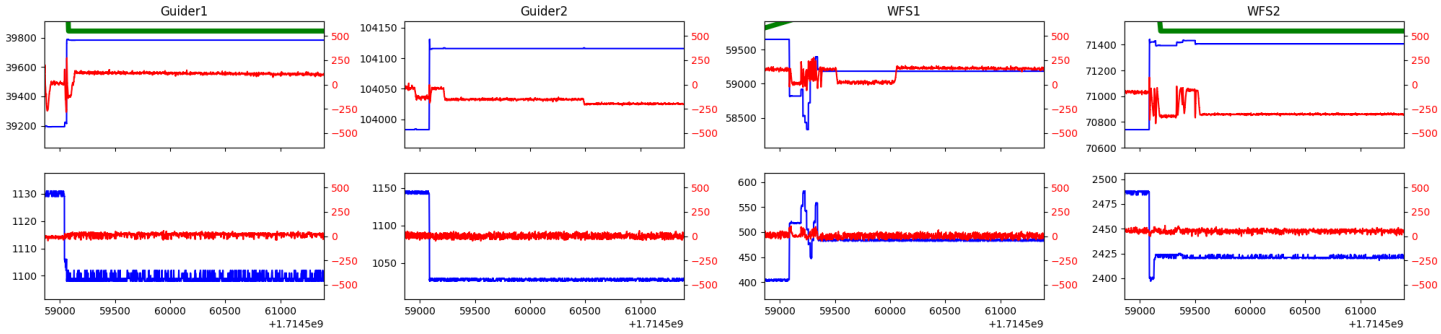
1.22 705

Trajectory 705 for desired Azimuth 131.744924 was loaded at 09:40:35.58. The go_next command was sent at 09:40:40.916 and took 96.395 seconds to complete. The setup took 135.80 seconds at an actual azimuth of 131.746414 The trajectory was cancelled at 10:19:38.79. The trajectory was stopped at 10:19:44.87 with the message "Reached end of track.".



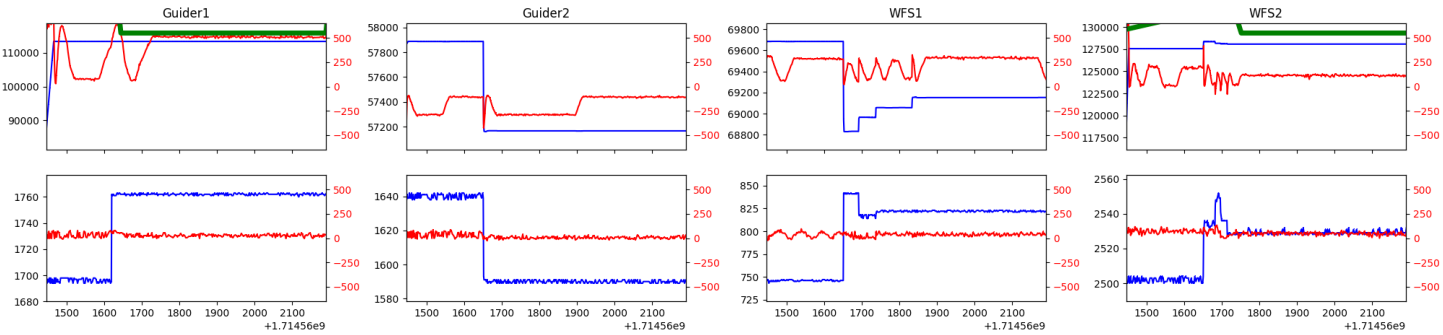
1.23 387

Trajectory 387 for desired Azimuth 278.570788 was loaded at 10:19:46.32. The go_next command was sent at 10:19:51.654 and took 158.869 seconds to complete. The setup took 157.99 seconds at an actual azimuth of 278.570109 The trajectory was cancelled at 11:03:15.61. The trajectory was stopped at 11:03:21.73 with the message "Reached end of track.".



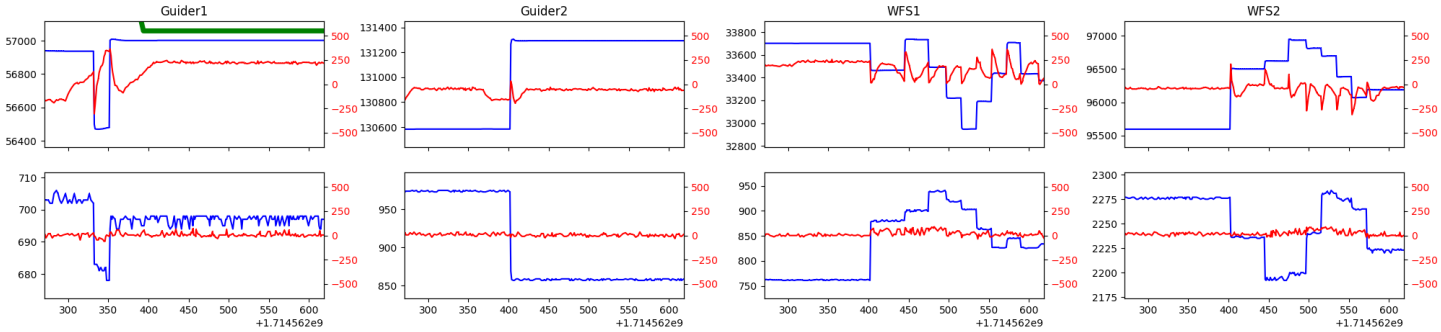
1.24 122

Trajectory 122 for desired Azimuth 46.837499 was loaded at 11:03:23.33. The go_next command was sent at 11:03:28.662 and took 146.885 seconds to complete. The setup took 109.60 seconds at an actual azimuth of 46.838759 The trajectory was cancelled at 11:16:29.89. The trajectory was stopped at 11:16:34.88 with the message "Reached end of track.".



1.25 498

Trajectory 498 for desired Azimuth 53.135525 was loaded at 11:16:36.54. The go_next command was sent at 11:16:41.879 and took 80.539 seconds to complete. The setup took 143.15 seconds at an actual azimuth of 53.135837 The trajectory was cancelled at 11:23:38.46. The trajectory was stopped at 11:23:44.57 with the message "Reached end of track.".


Guider1
Guider2
WFS1
WFS2
+1.714562e9

2 Spectrographs

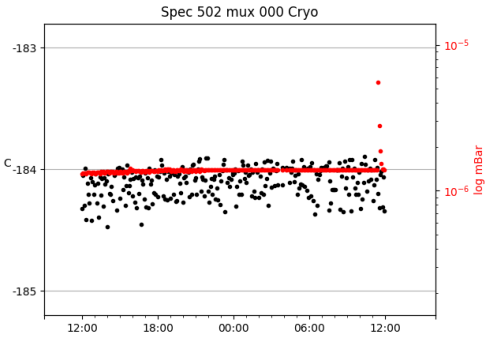
2.1 Legend

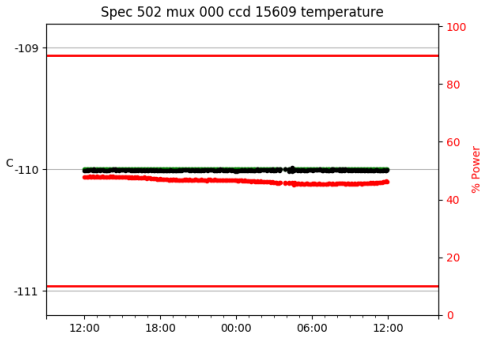
For the Spectrograph Cryo plots the Black point are the cryo temperature reading and the Red points are the cryo pressure in Torr on a log scale with the scale on the right hand vertical axis.

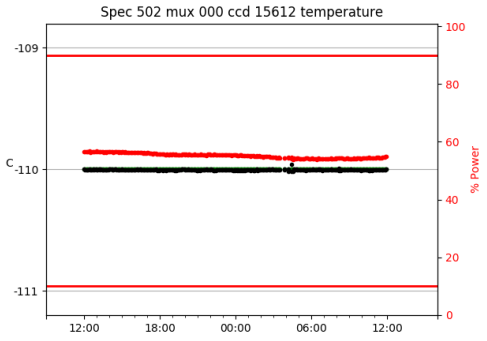
For all Spectrograph Temperature plots, the Black points are the ccd temperature reading, the Green points are the ccd set point, and the Red points are the percentage heater power with the scale on the right hand vertical axis. The two straight Red lines are the 5% and 95% power levels for the heater.

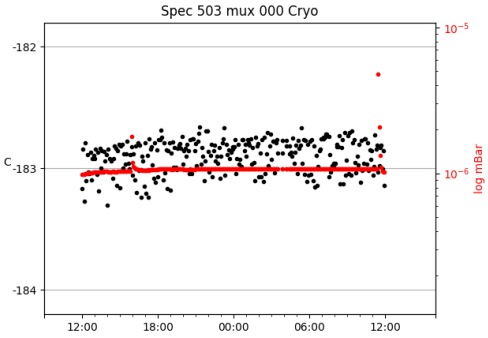
2.2 lrs2

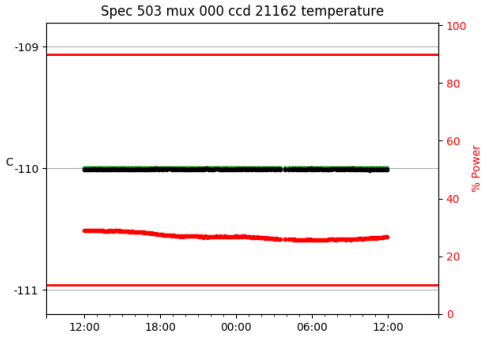
lrs2 uptime: 836:05:56 (hh:mm:ss)

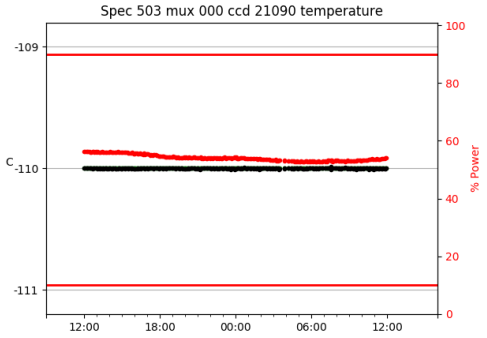






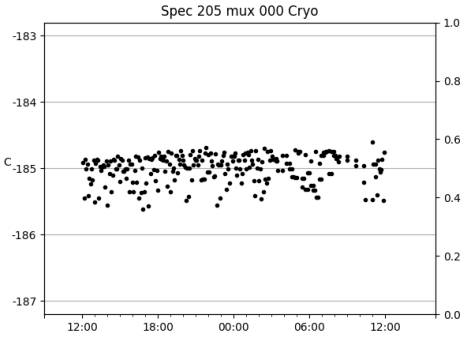


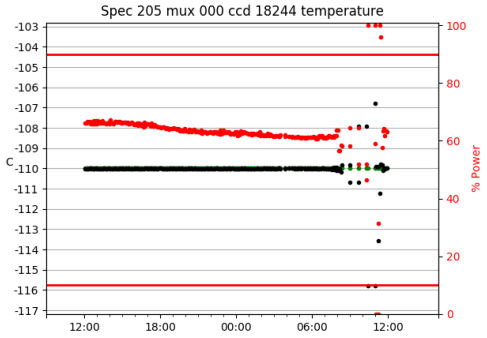


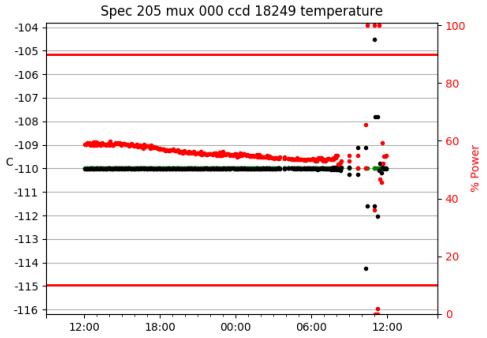


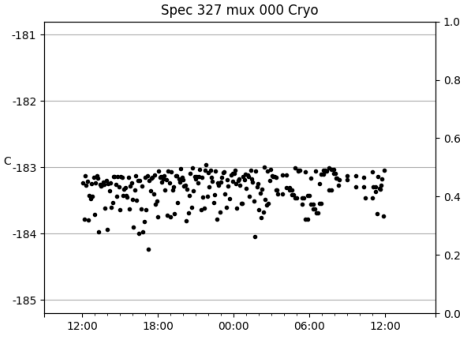
2.3 virus

virus uptime: 92:49:16 (hh:mm:ss)








Spec 327 mux 000 Cryo
C
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-182
-183
-184
-185
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0.8
0.6
0.4
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12:00
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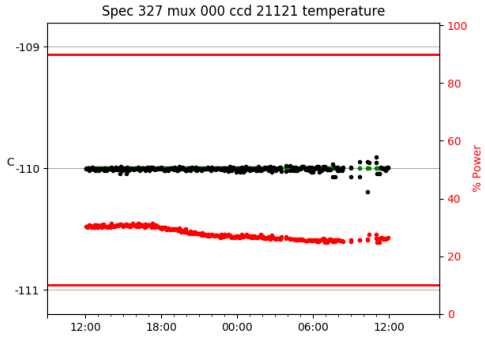
Spec 327 mux 000 ccd 21121 temperature
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12:00
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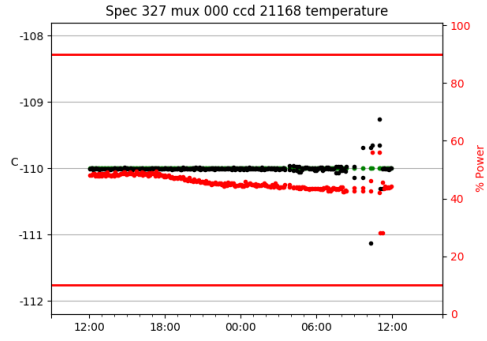
Spec 327 mux 000 ccd 21168 temperature
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% Power
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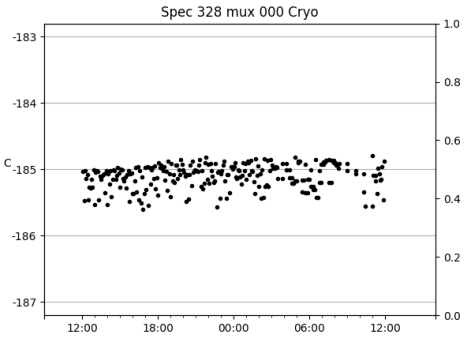
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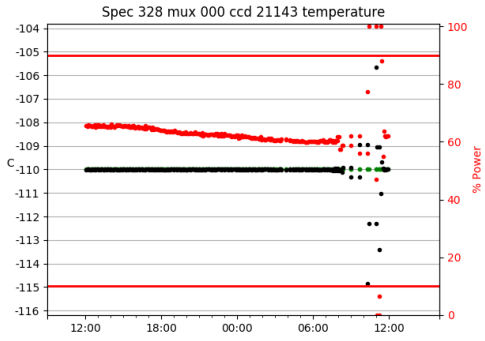
Spec 328 mux 000 ccd 21143 temperature
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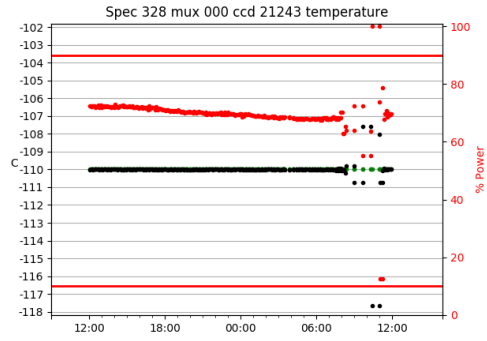
Spec 328 mux 000 ccd 21243 temperature
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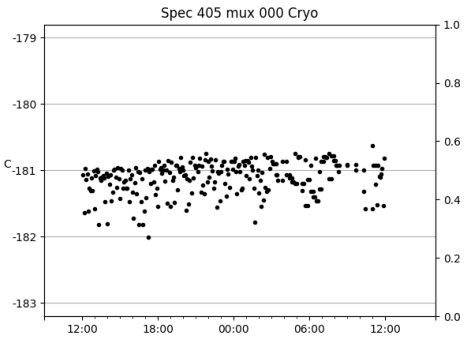
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-180
-181
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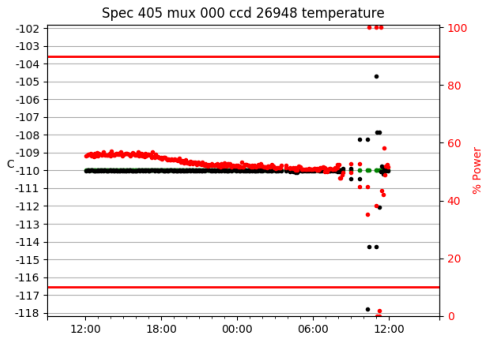
Spec 405 mux 000 ccd 26948 temperature
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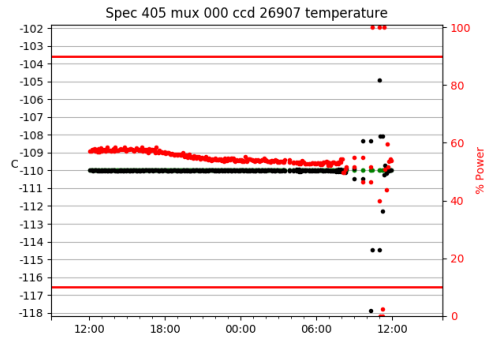
Spec 405 mux 000 ccd 26907 temperature
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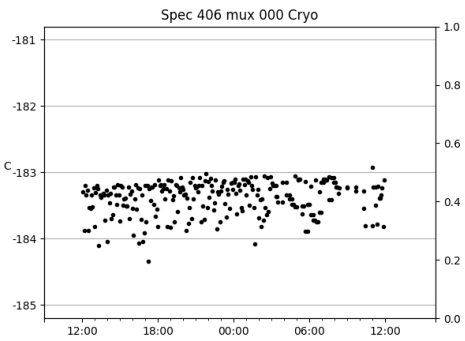
Spec 406 mux 000 Cryo
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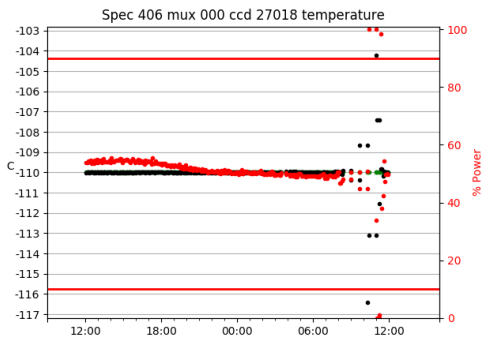
Spec 406 mux 000 ccd 27018 temperature
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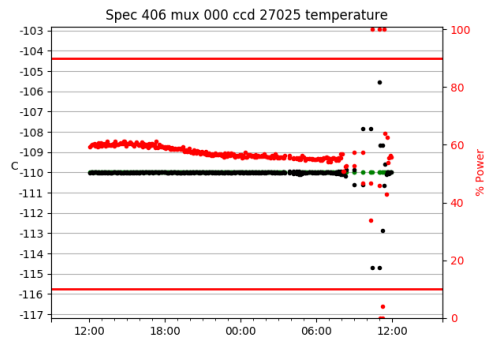
Spec 406 mux 000 ccd 27025 temperature
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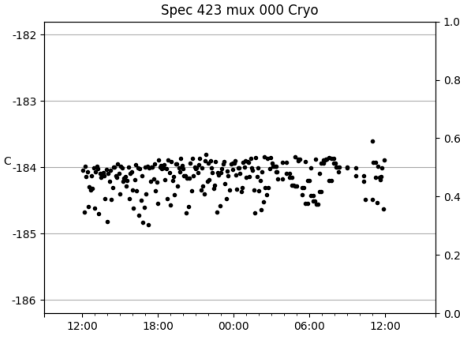
Spec 423 mux 000 Cryo
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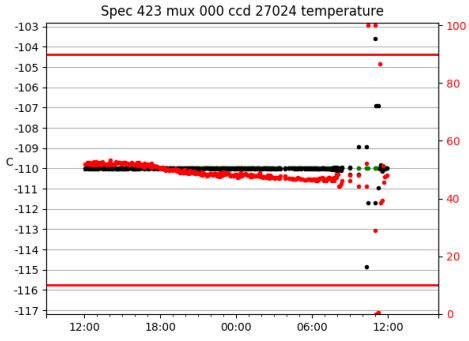
Spec 423 mux 000 ccd 27024 temperature
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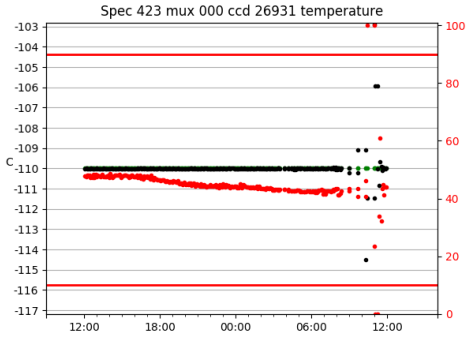
Spec 423 mux 000 ccd 26931 temperature
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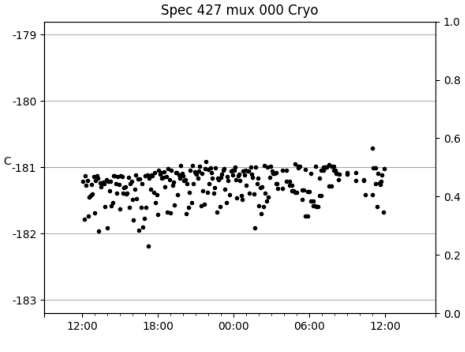
Spec 427 mux 000 Cryo
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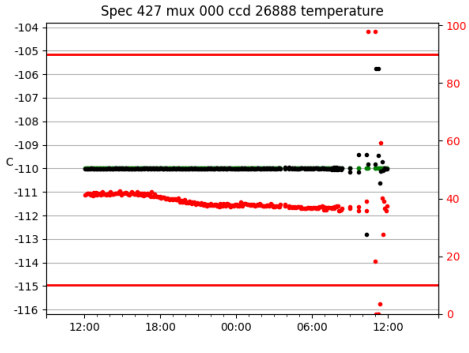
Spec 427 mux 000 ccd 26888 temperature
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% Power
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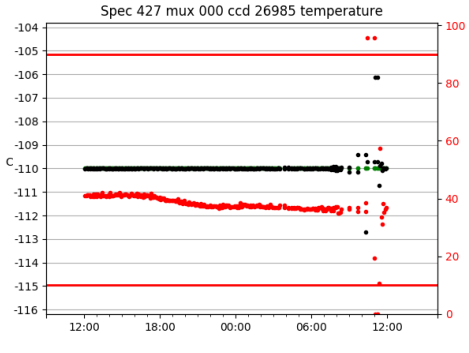
Spec 427 mux 000 ccd 26985 temperature
C
% Power
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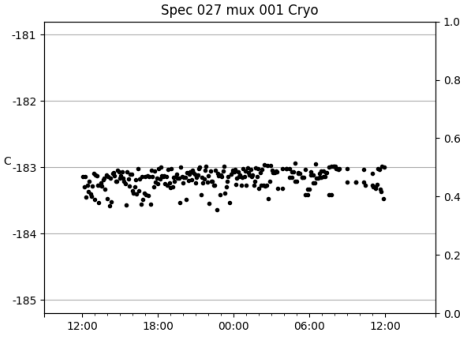
Spec 027 mux 001 Cryo
C
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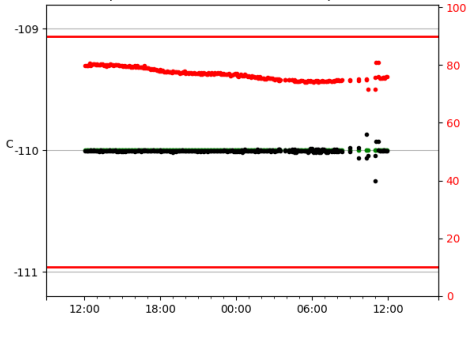
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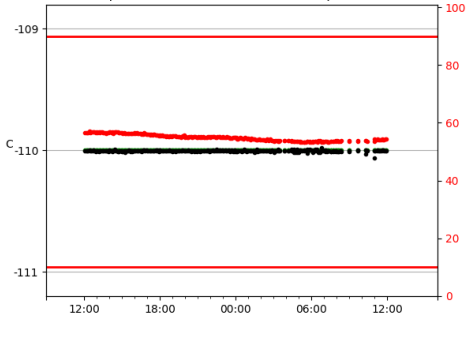
Spec 027 mux 001 ccd 12849 temperature
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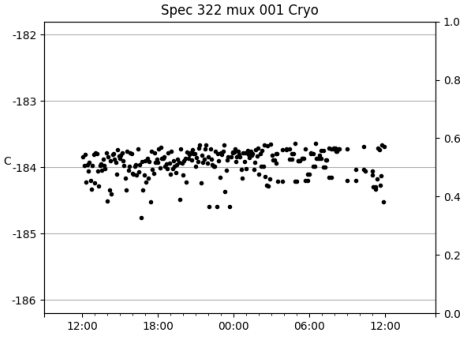
Spec 322 mux 001 Cryo
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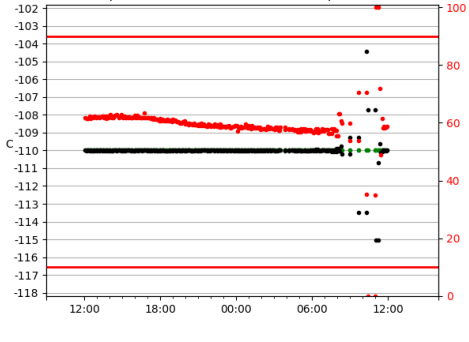
Spec 322 mux 001 ccd 21135 temperature
C
% Power
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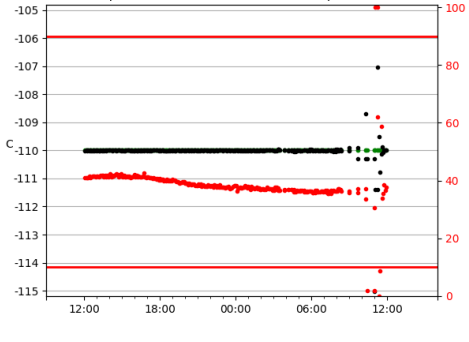
Spec 322 mux 001 ccd 21151 temperature
C
% Power
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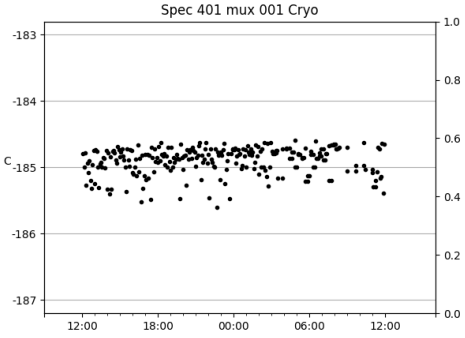
Spec 401 mux 001 Cryo
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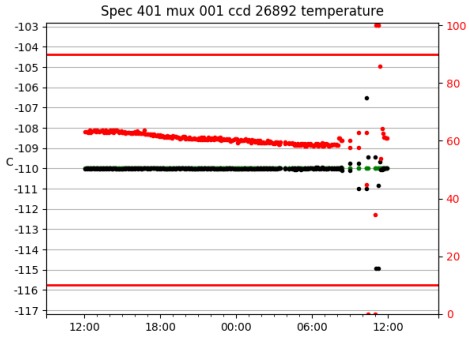
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C
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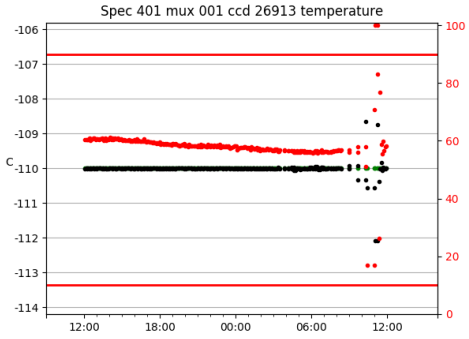
Spec 401 mux 001 ccd 26913 temperature
C
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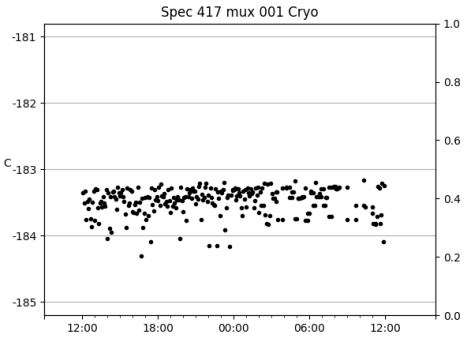
Spec 417 mux 001 Cryo
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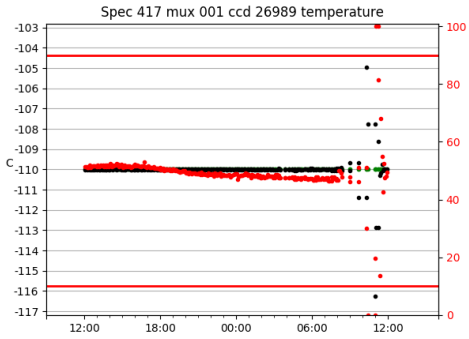
Spec 417 mux 001 ccd 26989 temperature
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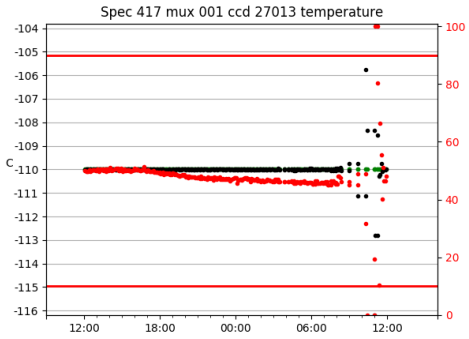
Spec 417 mux 001 ccd 27013 temperature
C
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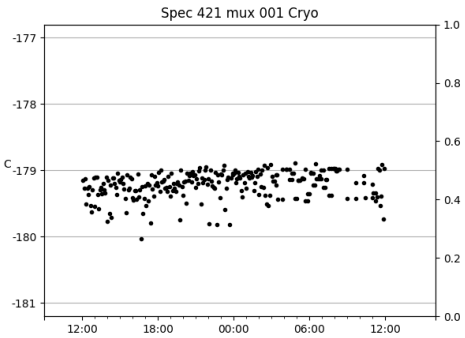
Spec 421 mux 001 Cryo
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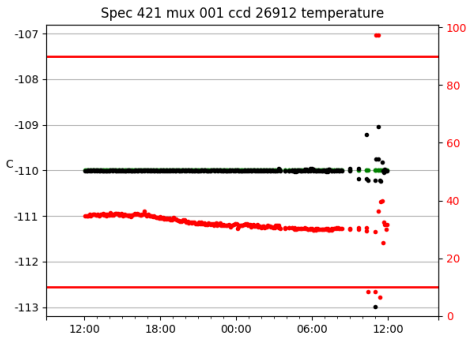
Spec 421 mux 001 ccd 26912 temperature
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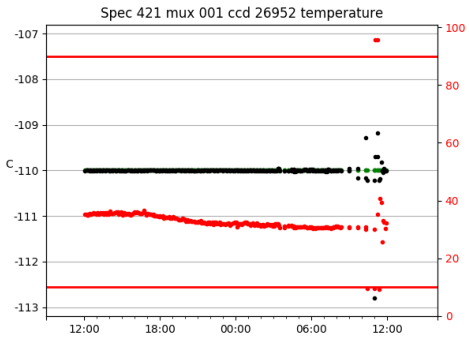
Spec 421 mux 001 ccd 26952 temperature
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% Power
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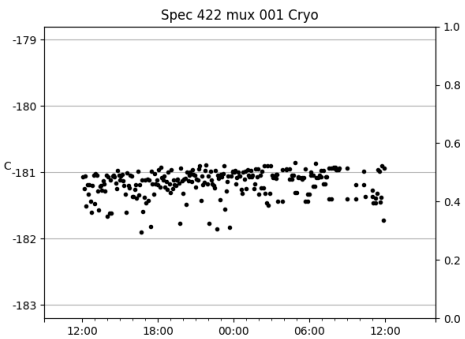
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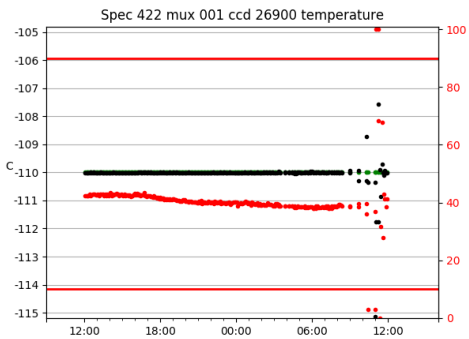
Spec 422 mux 001 ccd 26900 temperature
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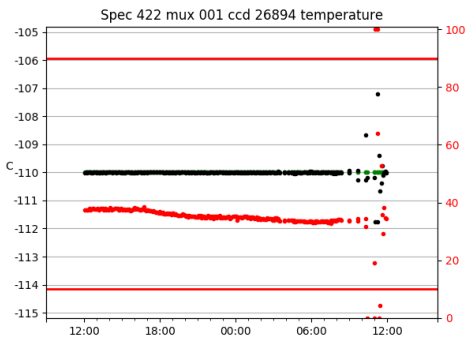
Spec 422 mux 001 ccd 26894 temperature
C
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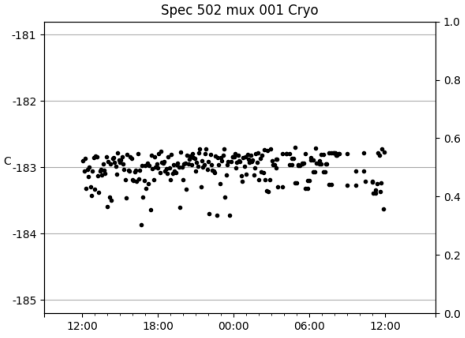
Spec 502 mux 001 Cryo
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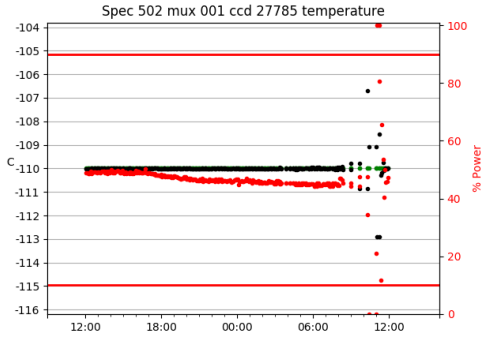
Spec 502 mux 001 ccd 27785 temperature
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% Power
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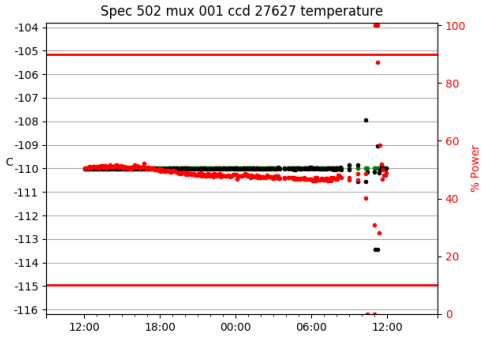
Spec 502 mux 001 ccd 27627 temperature
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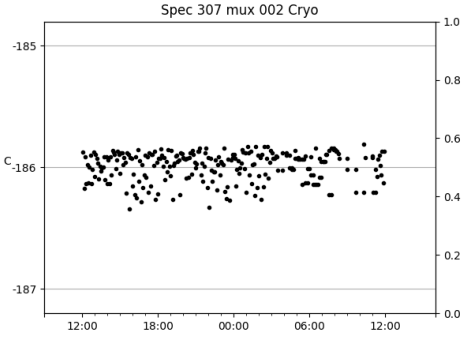
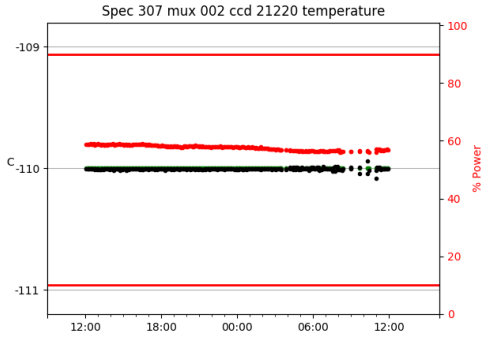
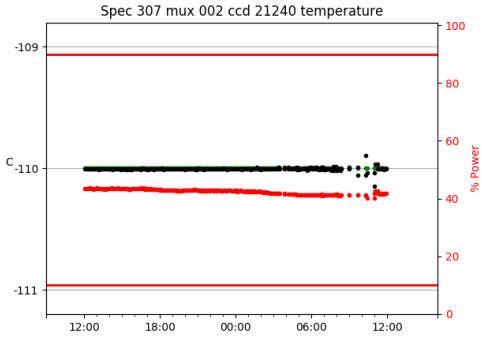

Spec 307 mux 002 Cryo
C
-185
-186
-187
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


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


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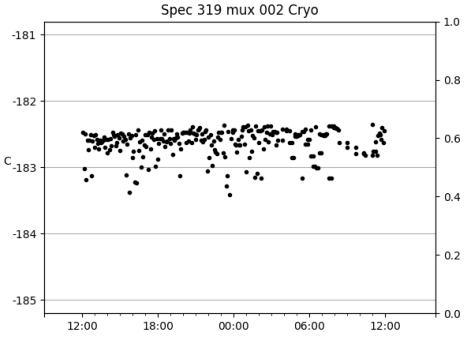
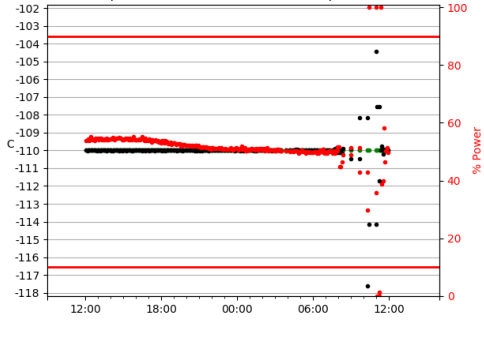
06:00
12:00


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


Spec 319 mux 002 ccd 21166 temperature
C
% Power
-102
-103
-104
-105
-106
-107
-108
-109
-110
-111
-112
-113
-114
-115
-116
-117
-118
100
80
60
40
20
0
12:00
18:00
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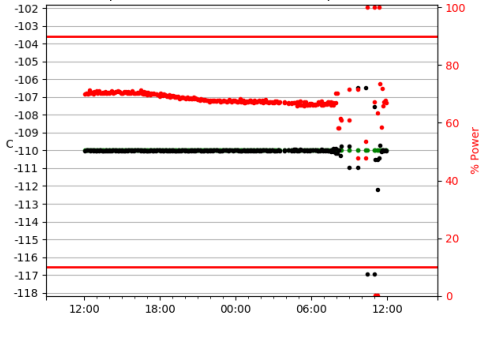
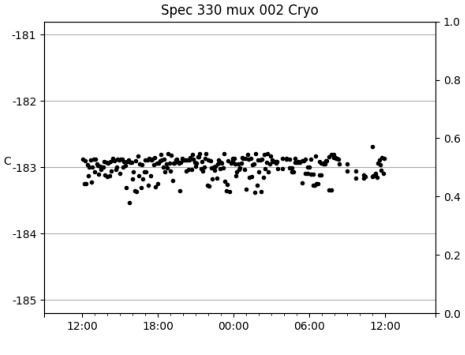
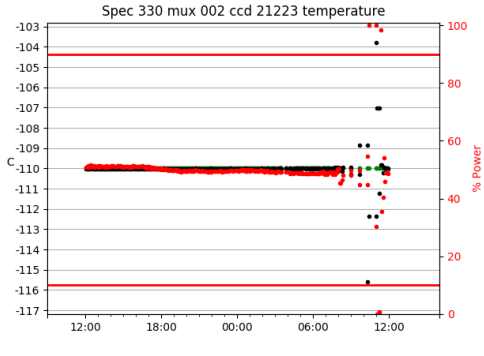
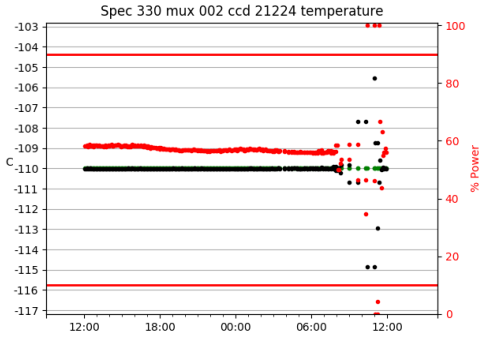
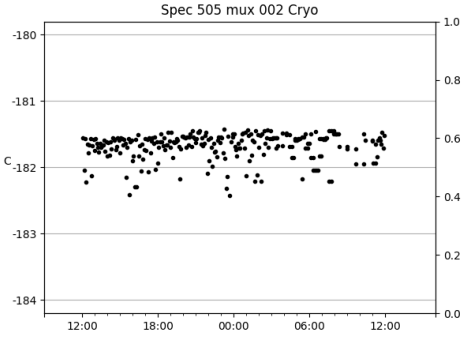
06:00
12:00

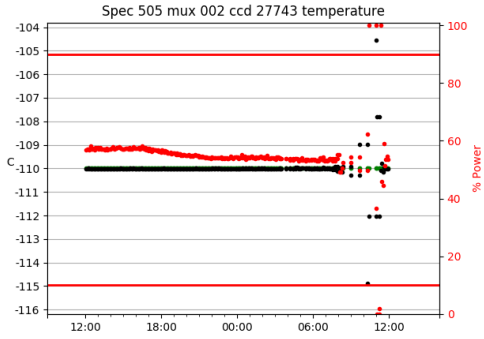

Spec 319 mux 002 ccd 21200 temperature
C
% Power
-102
-103
-104
-105
-106
-107
-108
-109
-110
-111
-112
-113
-114
-115
-116
-117
-118
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

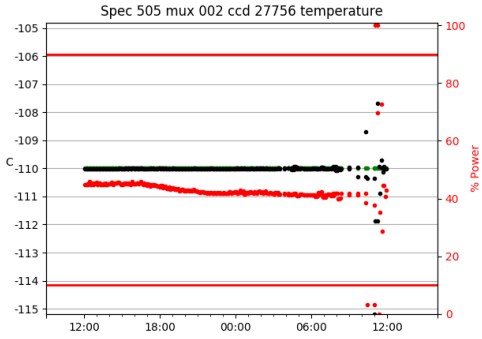

Spec 330 mux 002 Cryo
C
-181
-182
-183
-184
-185
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

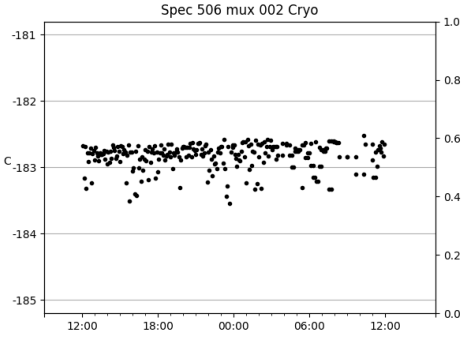

Spec 330 mux 002 ccd 21223 temperature
C
% Power
-103
-104
-105
-106
-107
-108
-109
-110
-111
-112
-113
-114
-115
-116
-117
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

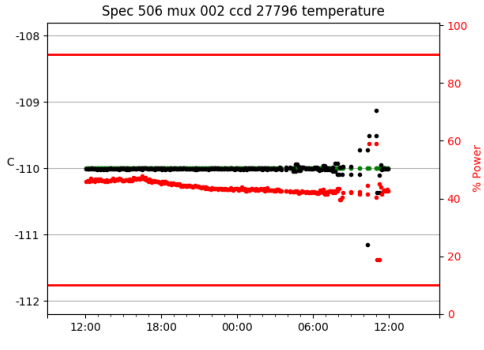

Spec 330 mux 002 ccd 21224 temperature
C
% Power
-103
-104
-105
-106
-107
-108
-109
-110
-111
-112
-113
-114
-115
-116
-117
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

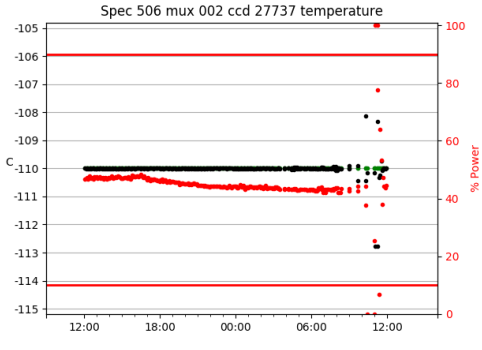

Spec 505 mux 002 Cryo
C
-180
-181
-182
-183
-184
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

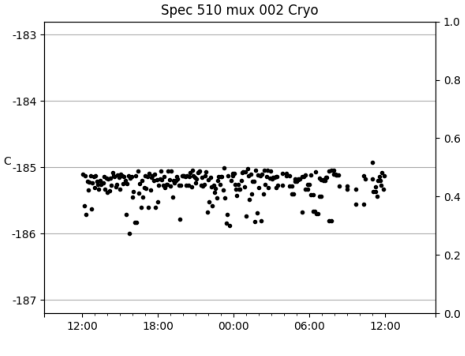

Spec 505 mux 002 ccd 27743 temperature
C
% Power
-104
-105
-106
-107
-108
-109
-110
-111
-112
-113
-114
-115
-116
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

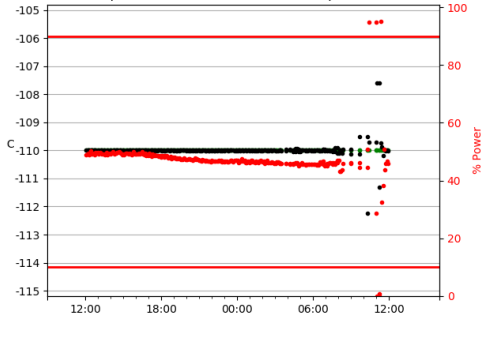

Spec 505 mux 002 ccd 27756 temperature
C
% Power
-105
-106
-107
-108
-109
-110
-111
-112
-113
-114
-115
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

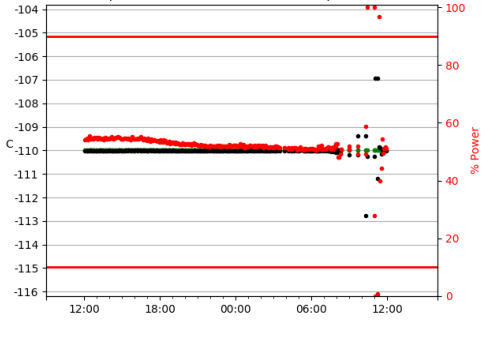

Spec 506 mux 002 Cryo
C
-181
-182
-183
-184
-185
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

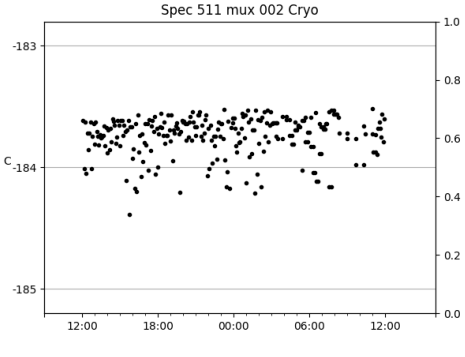

Spec 506 mux 002 ccd 27796 temperature
C
% Power
-108
-109
-110
-111
-112
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

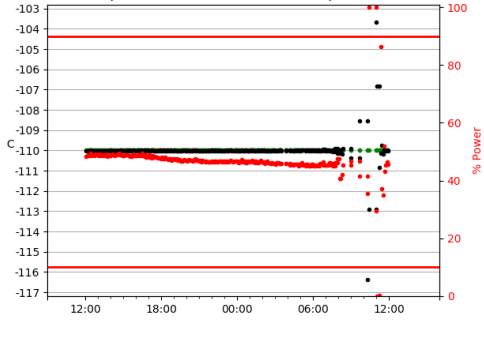

Spec 506 mux 002 ccd 27737 temperature
C
% Power
-105
-106
-107
-108
-109
-110
-111
-112
-113
-114
-115
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

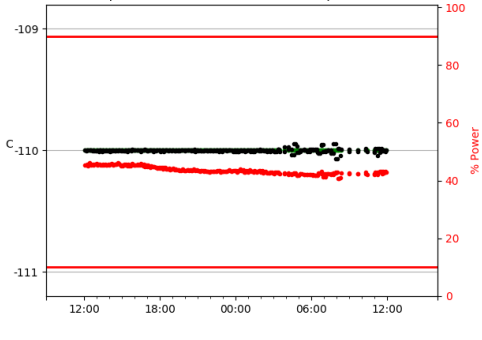

Spec 510 mux 002 Cryo
C
-183
-184
-185
-186
-187
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

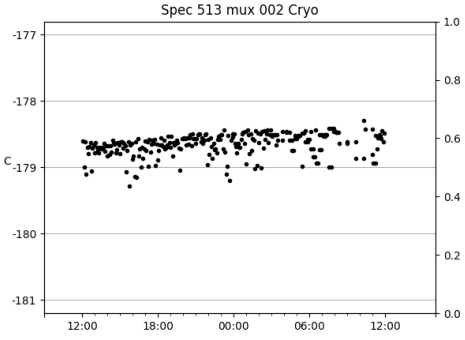

Spec 510 mux 002 ccd 27680 temperature
C
% Power
-105
-106
-107
-108
-109
-110
-111
-112
-113
-114
-115
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

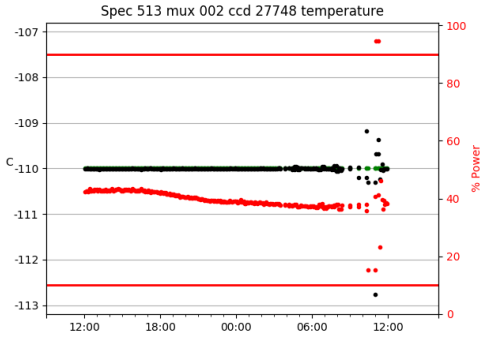

Spec 510 mux 002 ccd 27691 temperature
C
% Power
-104
-105
-106
-107
-108
-109
-110
-111
-112
-113
-114
-115
-116
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

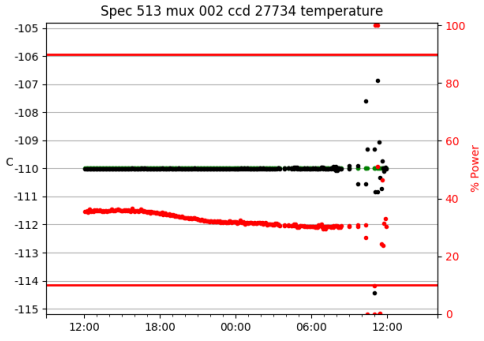

Spec 511 mux 002 Cryo
C
-183
-184
-185
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

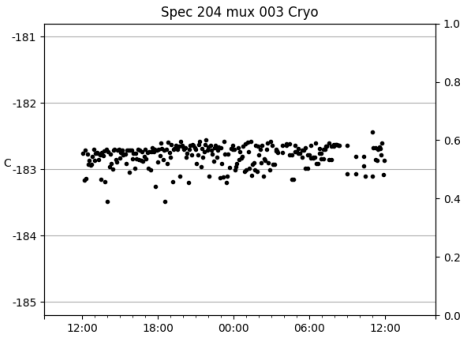

Spec 511 mux 002 ccd 27661 temperature
C
% Power
-103
-104
-105
-106
-107
-108
-109
-110
-111
-112
-113
-114
-115
-116
-117
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

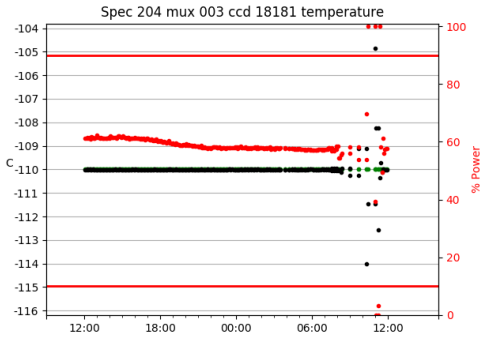

Spec 511 mux 002 ccd 27668 temperature
C
% Power
-109
-110
-111
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


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


Spec 513 mux 002 ccd 27748 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 513 mux 002 ccd 27734 temperature
C
% Power
-105
-106
-107
-108
-109
-110
-111
-112
-113
-114
-115
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


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


Spec 204 mux 003 ccd 18181 temperature
C
% Power
-104
-105
-106
-107
-108
-109
-110
-111
-112
-113
-114
-115
-116
100
80
60
40
20
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12:00
18:00
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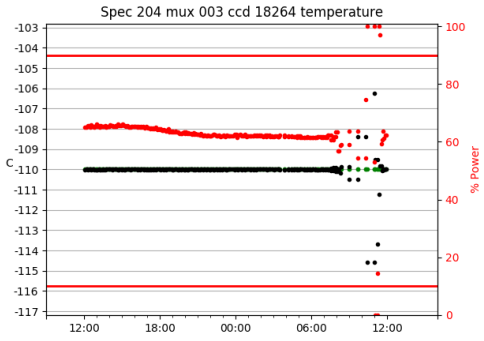
06:00
12:00


Spec 204 mux 003 ccd 18264 temperature
C
% Power
-103
-104
-105
-106
-107
-108
-109
-110
-111
-112
-113
-114
-115
-116
-117
100
80
60
40
20
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12:00
18:00
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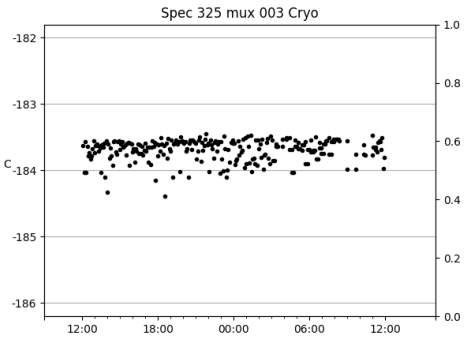
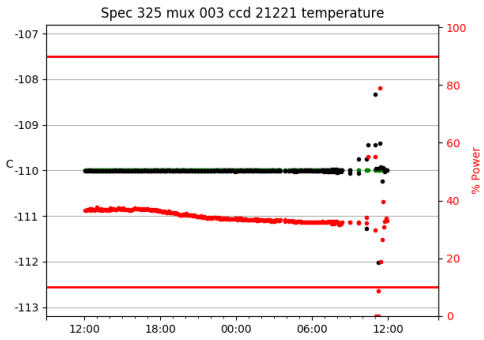
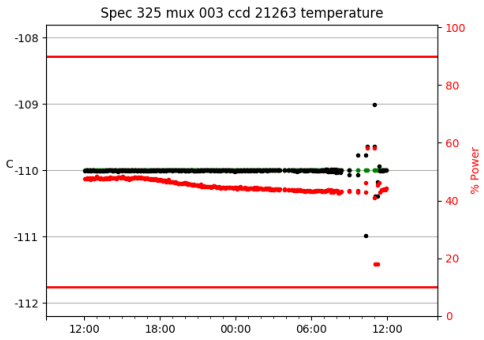
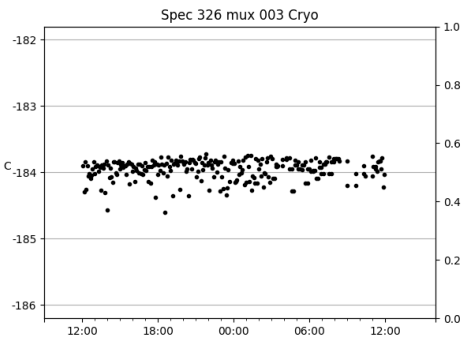
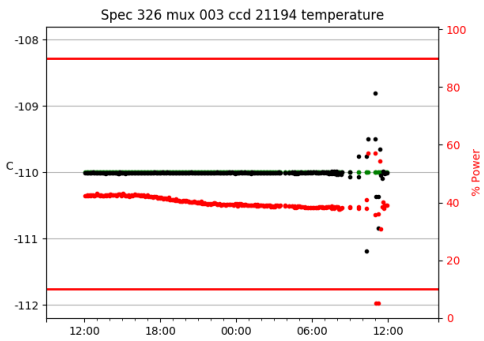
06:00
12:00

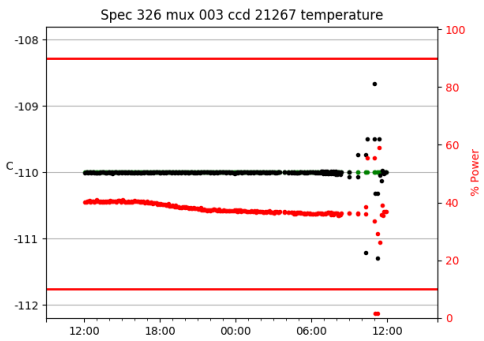

Spec 325 mux 003 Cryo
C
-182
-183
-184
-185
-186
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

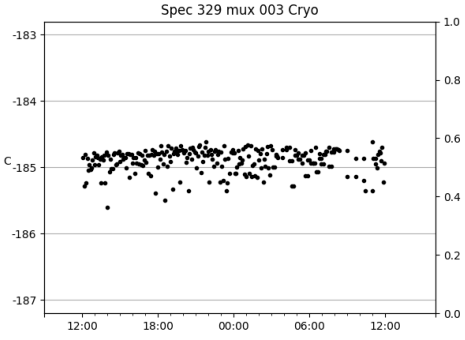

Spec 325 mux 003 ccd 21221 temperature
C
% Power
-107
-108
-109
-110
-111
-112
-113
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

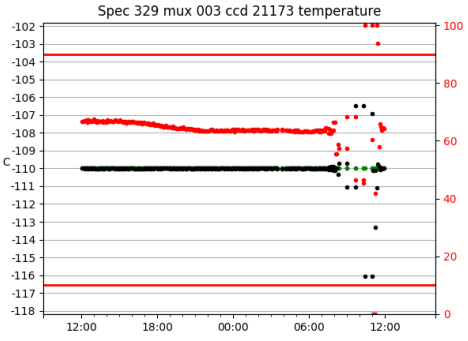

Spec 325 mux 003 ccd 21263 temperature
C
% Power
-108
-109
-110
-111
-112
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


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


Spec 326 mux 003 ccd 21194 temperature
C
% Power
-108
-109
-110
-111
-112
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 326 mux 003 ccd 21267 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 329 mux 003 Cryo
C
12:00
18:00
00:00
06:00
12:00


Spec 329 mux 003 ccd 21173 temperature
C
% Power
12:00
18:00
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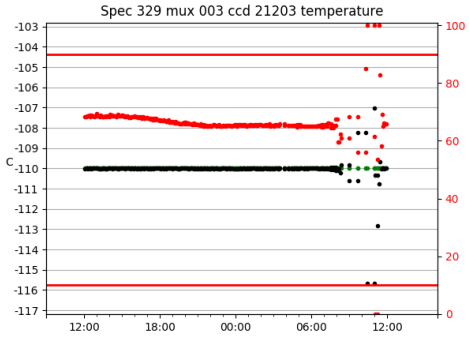
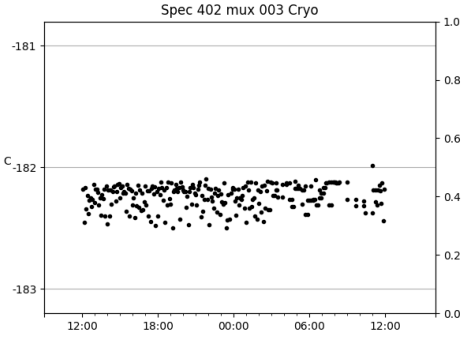
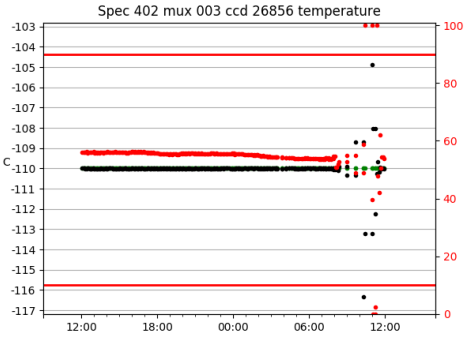
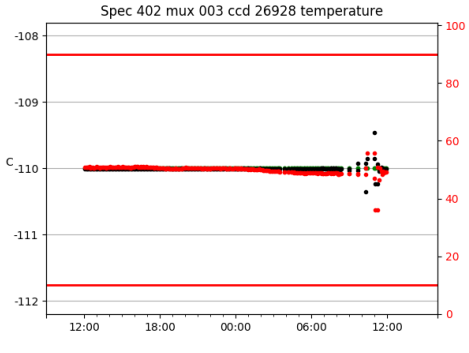
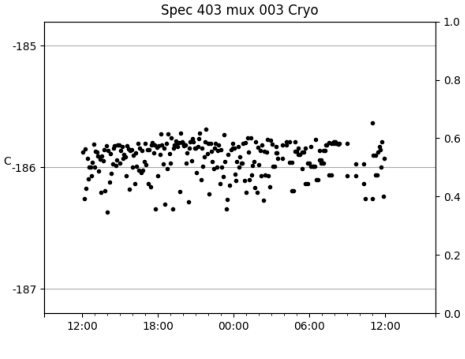
06:00
12:00

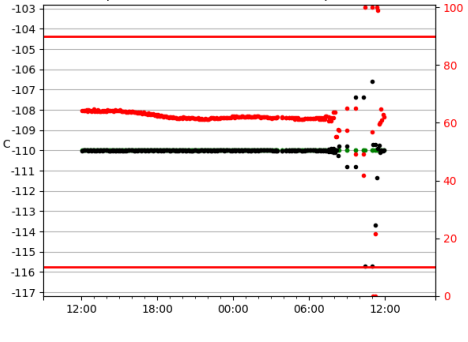

Spec 329 mux 003 ccd 21203 temperature
C
% Power
12:00
18:00
00:00
06:00
12:00

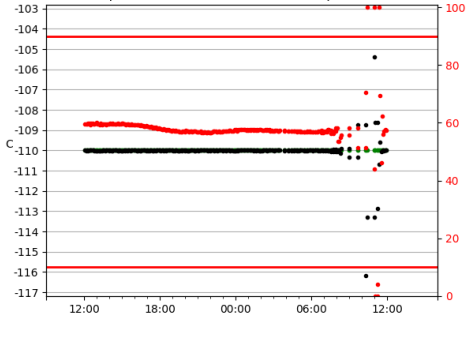

Spec 402 mux 003 Cryo
C
12:00
18:00
00:00
06:00
12:00

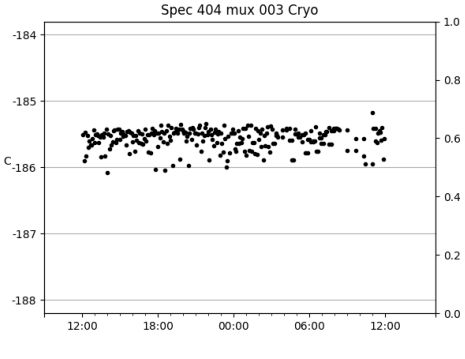

Spec 402 mux 003 ccd 26856 temperature
C
% Power
12:00
18:00
00:00
06:00
12:00

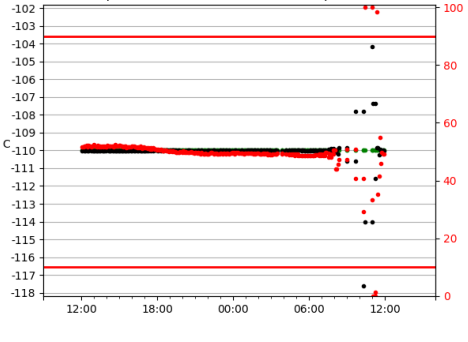

Spec 402 mux 003 ccd 26928 temperature
C
% Power
12:00
18:00
00:00
06:00
12:00

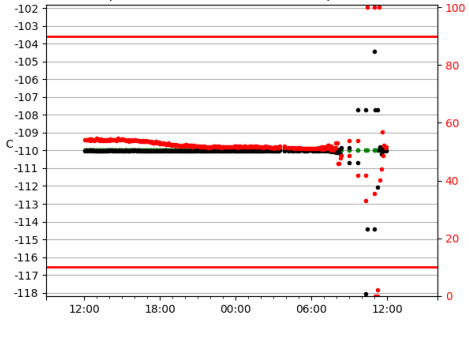

Spec 403 mux 003 Cryo
C
12:00
18:00
00:00
06:00
12:00

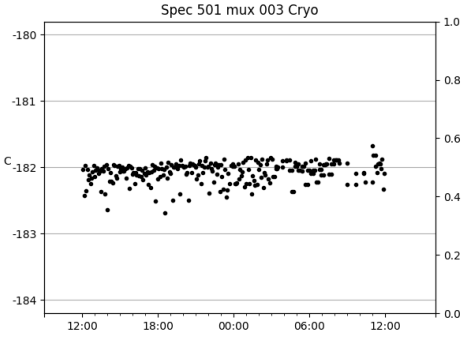

Spec 403 mux 003 ccd 26956 temperature
C
% Power
12:00
18:00
00:00
06:00
12:00

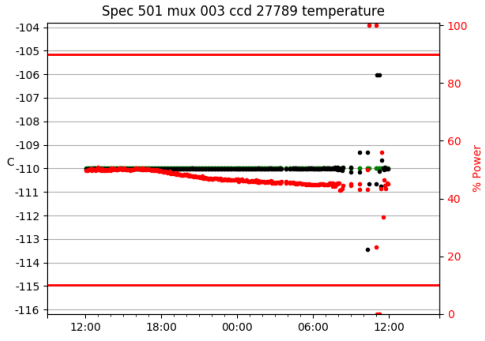

Spec 403 mux 003 ccd 27061 temperature
C
% Power
12:00
18:00
00:00
06:00
12:00

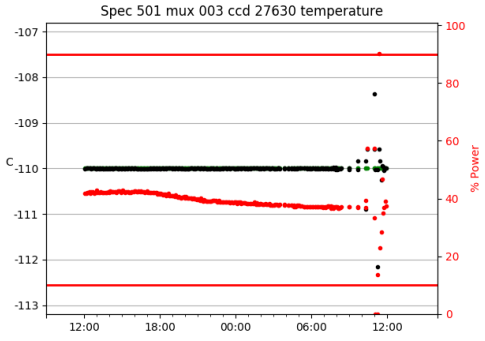

Spec 404 mux 003 Cryo
C
12:00
18:00
00:00
06:00
12:00

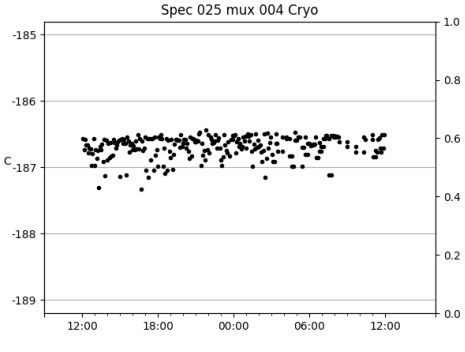

Spec 404 mux 003 ccd 26866 temperature
C
% Power
12:00
18:00
00:00
06:00
12:00

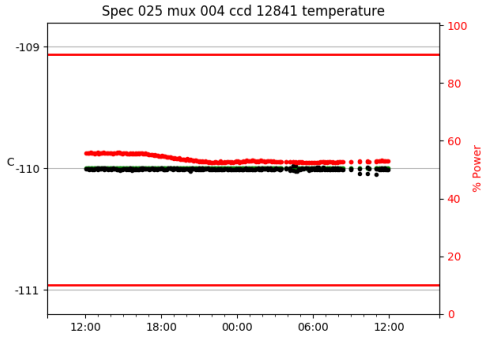

Spec 404 mux 003 ccd 26939 temperature
C
% Power
12:00
18:00
00:00
06:00
12:00

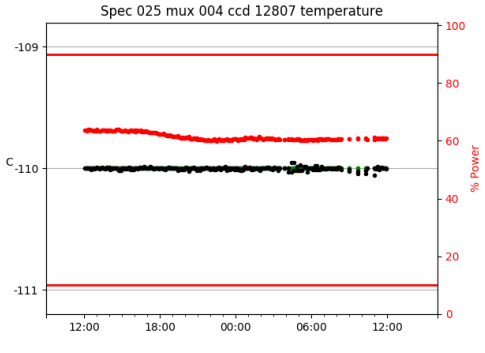

Spec 501 mux 003 Cryo
C
-180
-181
-182
-183
-184
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

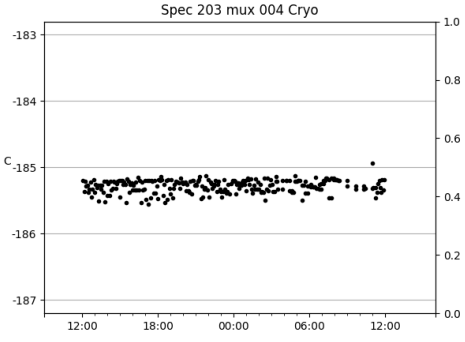

Spec 501 mux 003 ccd 27789 temperature
C
% Power
-104
-105
-106
-107
-108
-109
-110
-111
-112
-113
-114
-115
-116
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

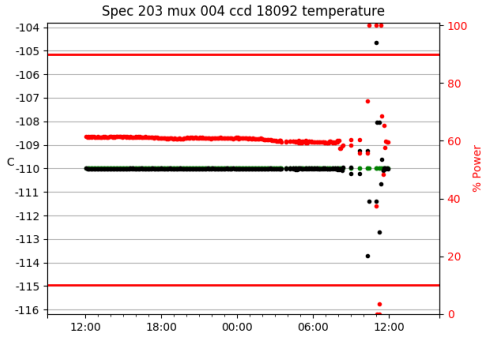

Spec 501 mux 003 ccd 27630 temperature
C
% Power
-107
-108
-109
-110
-111
-112
-113
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

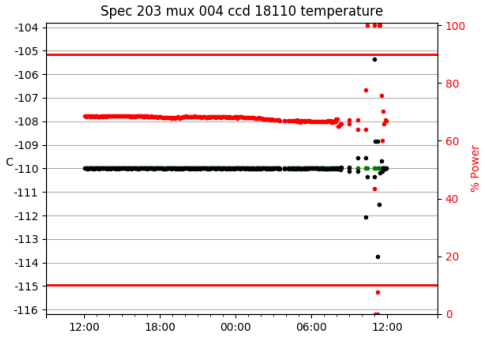

Spec 025 mux 004 Cryo
C
-185
-186
-187
-188
-189
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

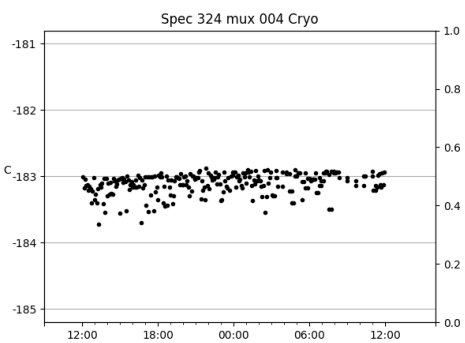

Spec 025 mux 004 ccd 12841 temperature
C
% Power
-109
-110
-111
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

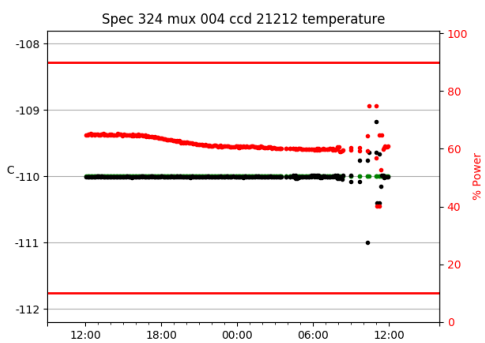

Spec 025 mux 004 ccd 12807 temperature
C
% Power
-109
-110
-111
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

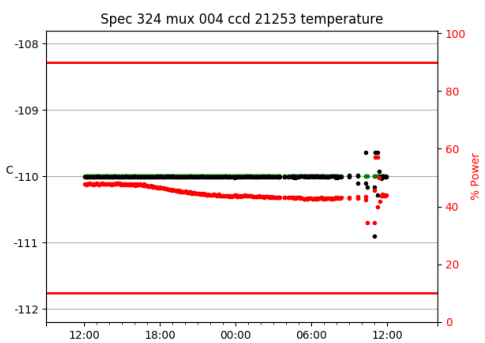

Spec 203 mux 004 Cryo
C
-183
-184
-185
-186
-187
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

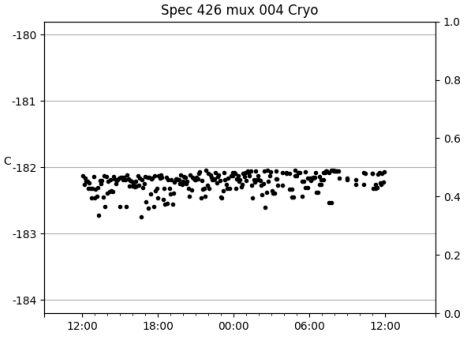

Spec 203 mux 004 ccd 18092 temperature
C
% Power
-104
-105
-106
-107
-108
-109
-110
-111
-112
-113
-114
-115
-116
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

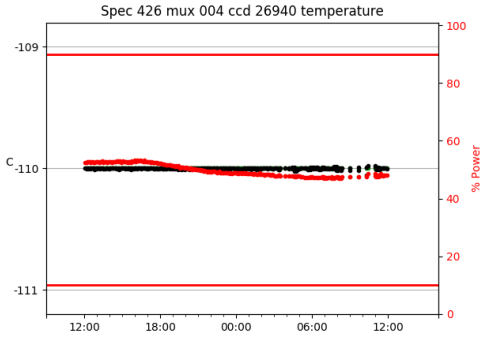

Spec 203 mux 004 ccd 18110 temperature
C
% Power
-104
-105
-106
-107
-108
-109
-110
-111
-112
-113
-114
-115
-116
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

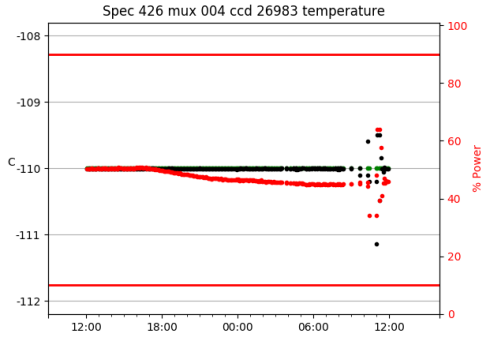

Spec 324 mux 004 Cryo
C
-181
-182
-183
-184
-185
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

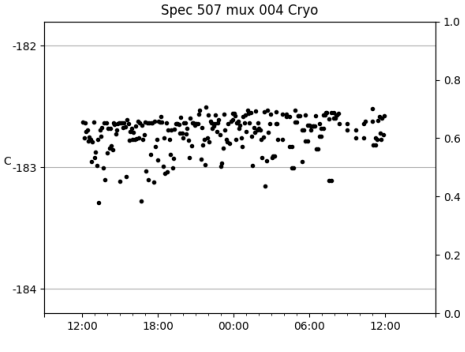

Spec 324 mux 004 ccd 21212 temperature
C
% Power
-108
-109
-110
-111
-112
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

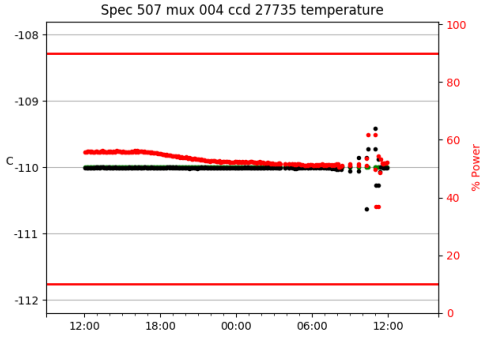

Spec 324 mux 004 ccd 21253 temperature
C
% Power
-108
-109
-110
-111
-112
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

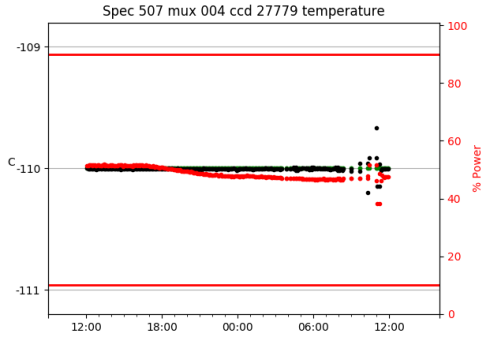

Spec 426 mux 004 Cryo
C
-180
-181
-182
-183
-184
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

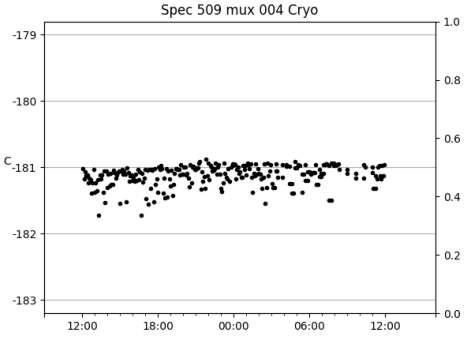

Spec 426 mux 004 ccd 26940 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

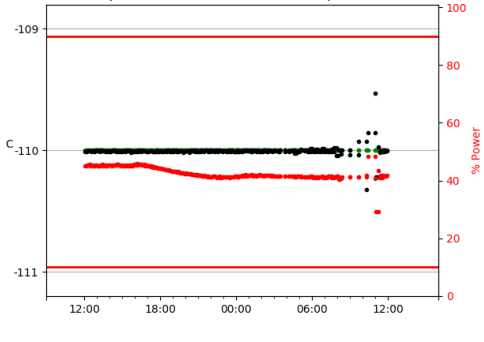

Spec 426 mux 004 ccd 26983 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

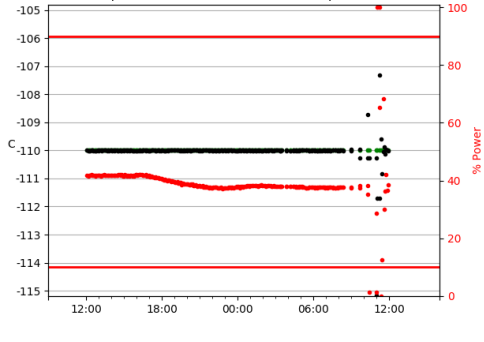

Spec 507 mux 004 Cryo
C
-182
-183
-184
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

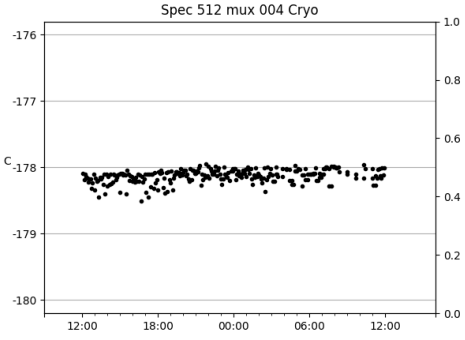

Spec 507 mux 004 ccd 27735 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

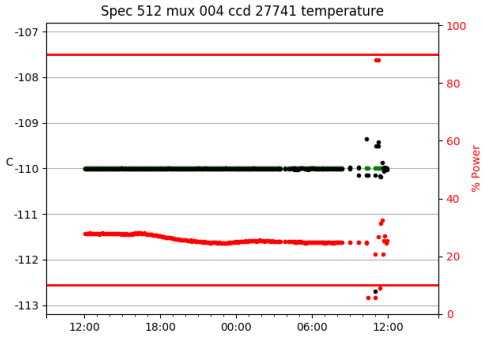

Spec 507 mux 004 ccd 27779 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

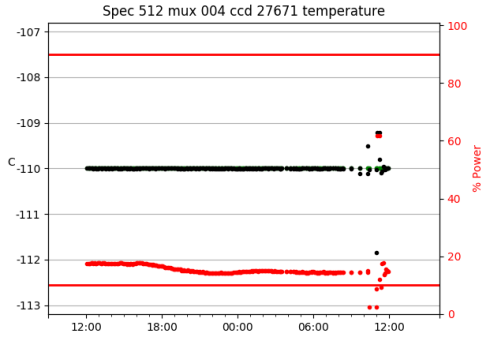

Spec 509 mux 004 Cryo
C
-179
-180
-181
-182
-183
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

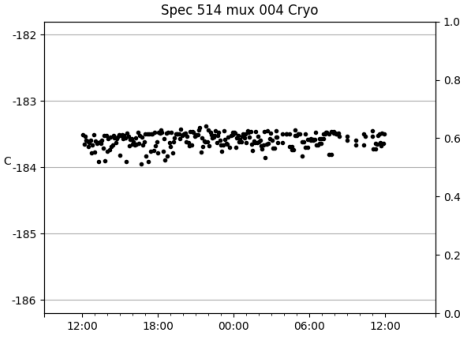

Spec 509 mux 004 ccd 27771 temperature
C
-109
-110
-111
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

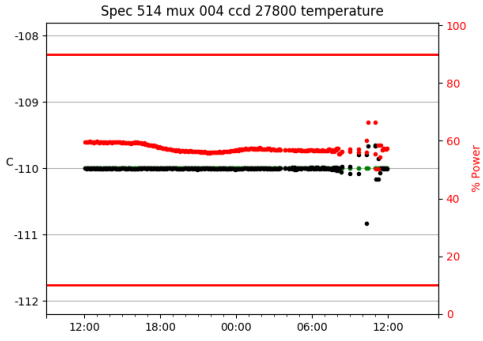

Spec 509 mux 004 ccd 27679 temperature
C
-105
-106
-107
-108
-109
-110
-111
-112
-113
-114
-115
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

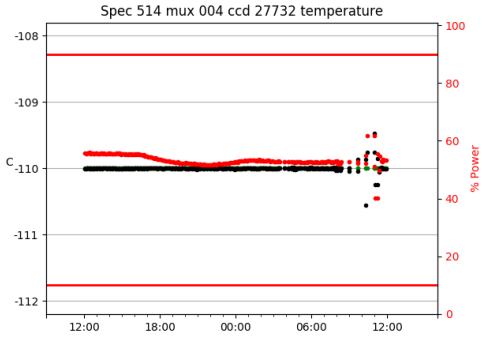

Spec 512 mux 004 Cryo
C
-176
-177
-178
-179
-180
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 512 mux 004 ccd 27741 temperature
C
-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 512 mux 004 ccd 27671 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 514 mux 004 Cryo
C
-182
-183
-184
-185
-186
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 514 mux 004 ccd 27800 temperature
C
% Power
-108
-109
-110
-111
-112
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 514 mux 004 ccd 27732 temperature
C
% Power
-108
-109
-110
-111
-112
100
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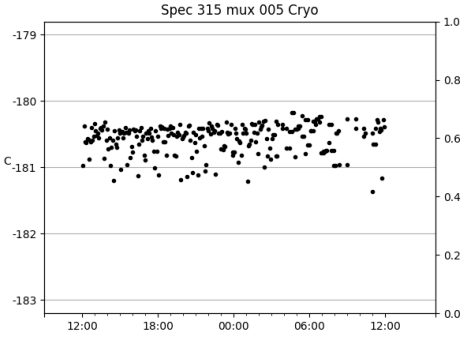
Spec 315 mux 005 Cryo
C
-179
-180
-181
-182
-183
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0.8
0.6
0.4
0.2
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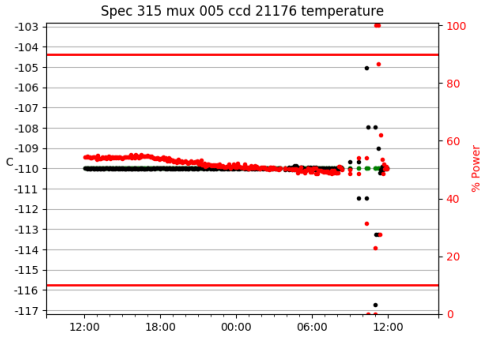
Spec 315 mux 005 ccd 21176 temperature
C
% Power
-103
-104
-105
-106
-107
-108
-109
-110
-111
-112
-113
-114
-115
-116
-117
100
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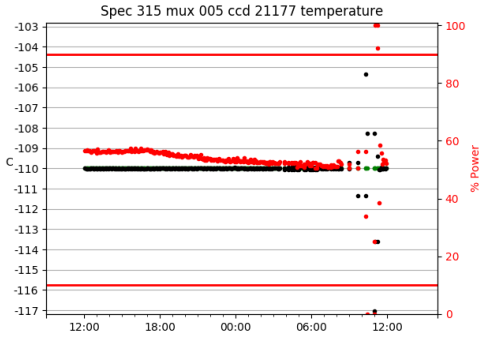
Spec 315 mux 005 ccd 21177 temperature
C
% Power
-103
-104
-105
-106
-107
-108
-109
-110
-111
-112
-113
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100
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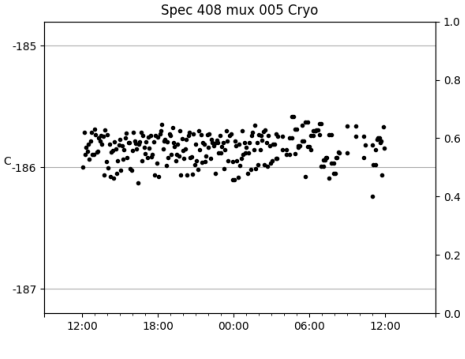
Spec 408 mux 005 Cryo
C
-185
-186
-187
1.0
0.8
0.6
0.4
0.2
0.0
12:00
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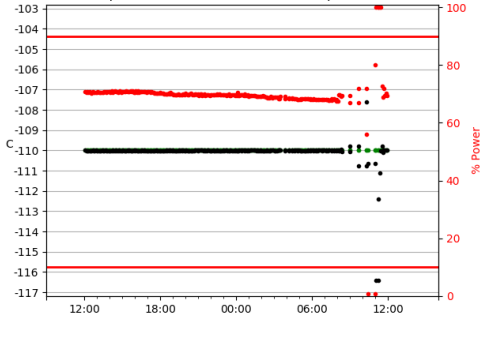
Spec 408 mux 005 ccd 26915 temperature
C
% Power
-103
-104
-105
-106
-107
-108
-109
-110
-111
-112
-113
-114
-115
-116
-117
100
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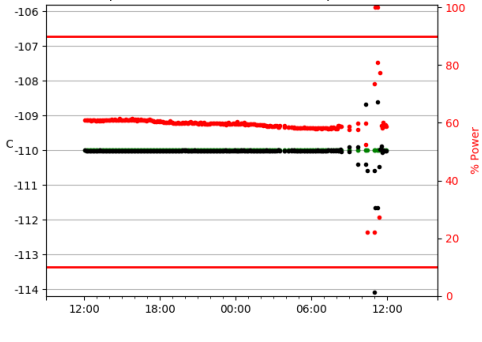
Spec 408 mux 005 ccd 26951 temperature
C
% Power
-106
-107
-108
-109
-110
-111
-112
-113
-114
100
80
60
40
20
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12:00
18:00
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06:00
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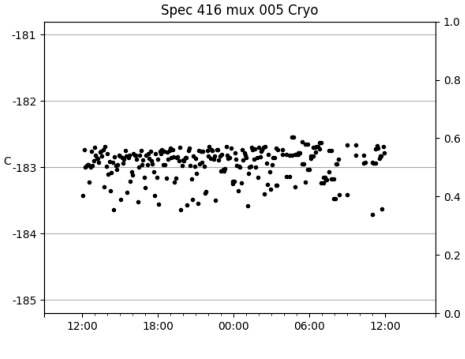
Spec 416 mux 005 Cryo
C
-181
-182
-183
-184
-185
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
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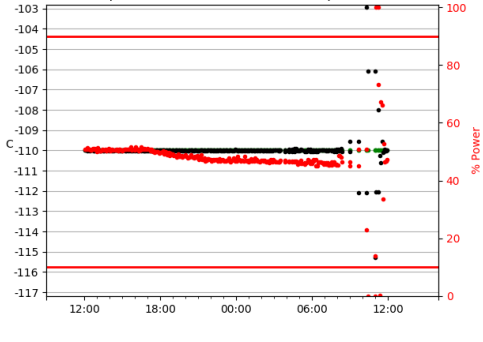
Spec 416 mux 005 ccd 27032 temperature
C
% Power
-103
-104
-105
-106
-107
-108
-109
-110
-111
-112
-113
-114
-115
-116
-117
100
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60
40
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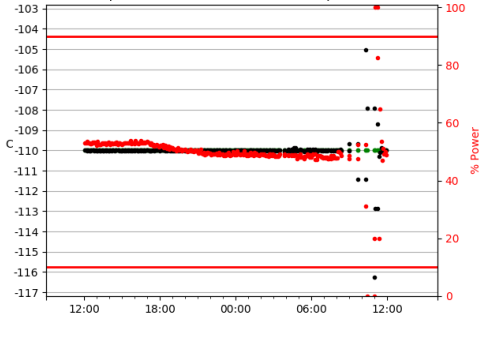
Spec 416 mux 005 ccd 27039 temperature
C
% Power
-103
-104
-105
-106
-107
-108
-109
-110
-111
-112
-113
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-115
-116
-117
100
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60
40
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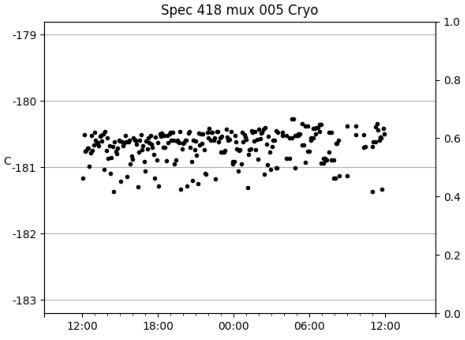
Spec 418 mux 005 Cryo
C
-179
-180
-181
-182
-183
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
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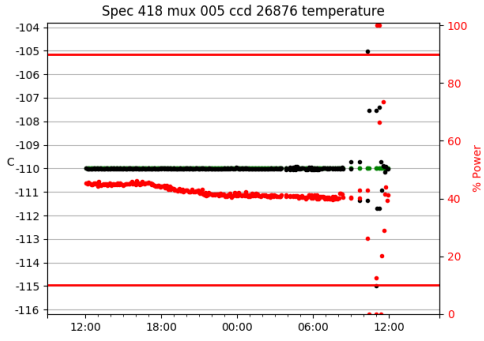
Spec 418 mux 005 ccd 26876 temperature
C
% Power
-104
-105
-106
-107
-108
-109
-110
-111
-112
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-114
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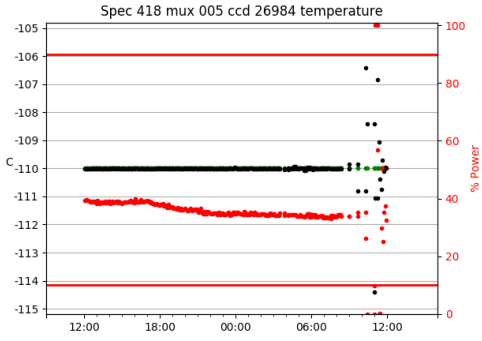
Spec 418 mux 005 ccd 26984 temperature
C
% Power
-105
-106
-107
-108
-109
-110
-111
-112
-113
-114
-115
100
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60
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20
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12:00
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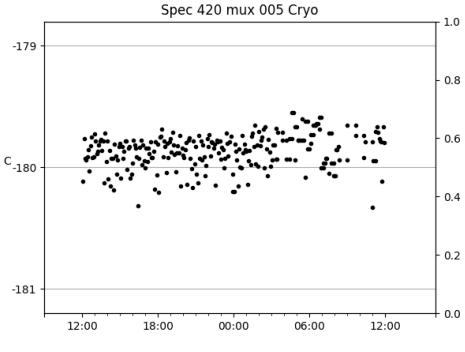
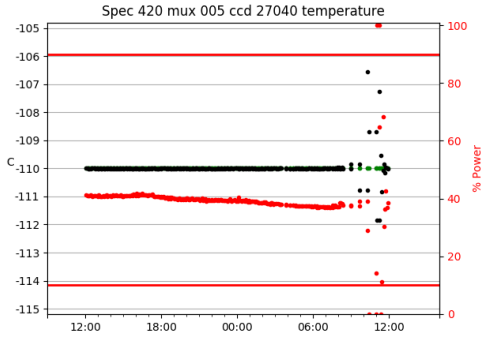

Spec 420 mux 005 Cryo
C
-179
-180
-181
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 420 mux 005 ccd 27040 temperature
C
% Power
-105
-106
-107
-108
-109
-110
-111
-112
-113
-114
-115
100
80
60
40
20
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12:00
18:00
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06:00
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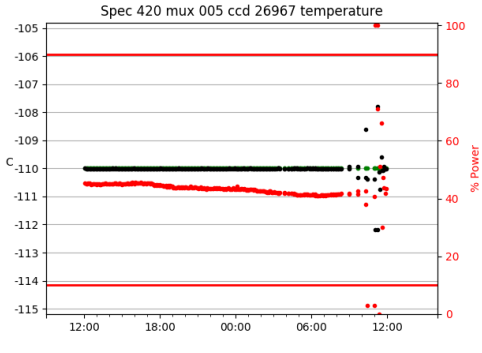
Spec 420 mux 005 ccd 26967 temperature
C
% Power
-105
-106
-107
-108
-109
-110
-111
-112
-113
-114
-115
100
80
60
40
20
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12:00
18:00
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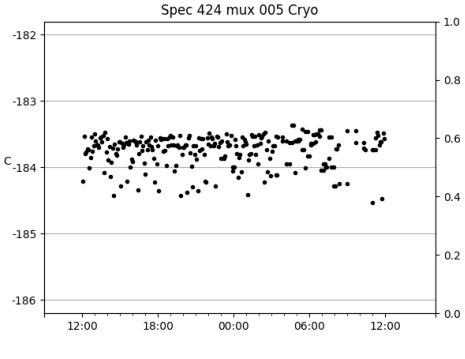
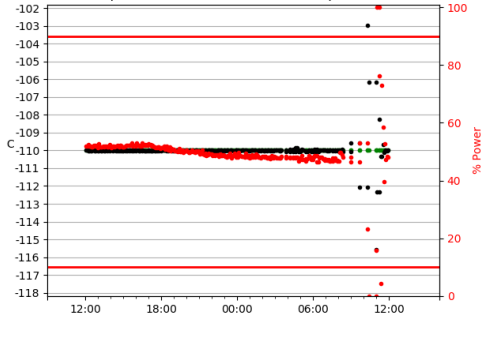
06:00
12:00


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


Spec 424 mux 005 ccd 27033 temperature
C
% Power
-102
-103
-104
-105
-106
-107
-108
-109
-110
-111
-112
-113
-114
-115
-116
-117
-118
100
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60
40
20
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12:00
18:00
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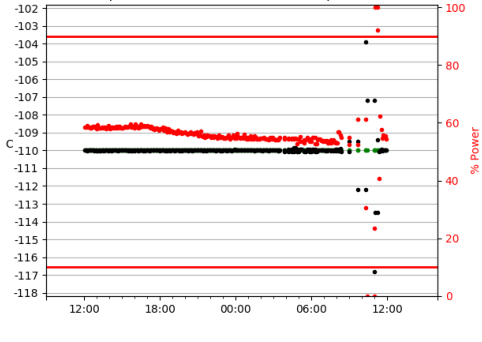
06:00
12:00


Spec 424 mux 005 ccd 26851 temperature
C
% Power
-102
-103
-104
-105
-106
-107
-108
-109
-110
-111
-112
-113
-114
-115
-116
-117
-118
100
80
60
40
20
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12:00
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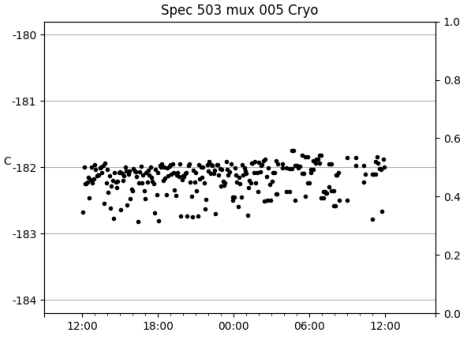
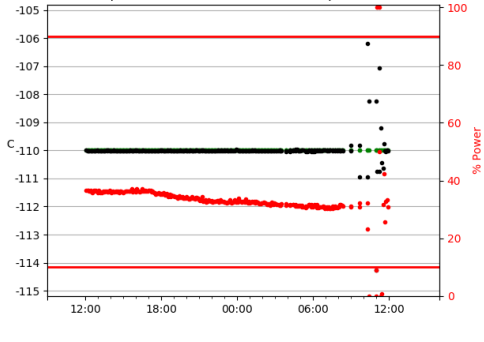
06:00
12:00


Spec 503 mux 005 Cryo
C
-180
-181
-182
-183
-184
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 503 mux 005 ccd 27702 temperature
C
% Power
-105
-106
-107
-108
-109
-110
-111
-112
-113
-114
-115
100
80
60
40
20
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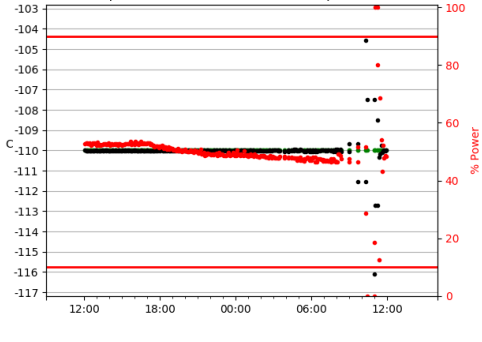
Spec 503 mux 005 ccd 27693 temperature
C
% Power
-103
-104
-105
-106
-107
-108
-109
-110
-111
-112
-113
-114
-115
-116
-117
100
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60
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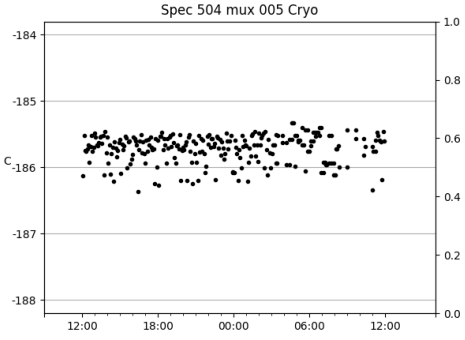
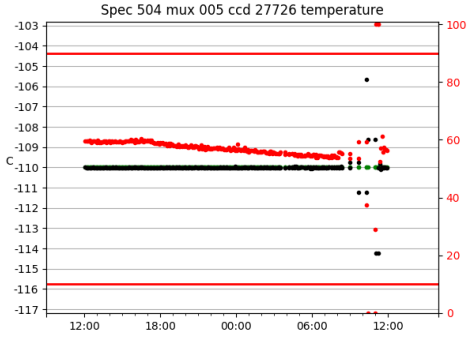

Spec 504 mux 005 Cryo
C
-184
-185
-186
-187
-188
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 504 mux 005 ccd 27726 temperature
C
% Power
-103
-104
-105
-106
-107
-108
-109
-110
-111
-112
-113
-114
-115
-116
-117
100
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60
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20
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12:00
18:00
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06:00
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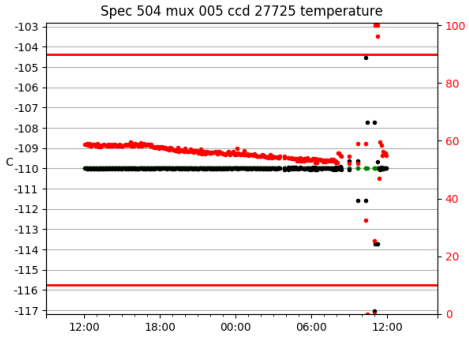
Spec 504 mux 005 ccd 27725 temperature
C
% Power
-103
-104
-105
-106
-107
-108
-109
-110
-111
-112
-113
-114
-115
-116
-117
100
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60
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20
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12:00
18:00
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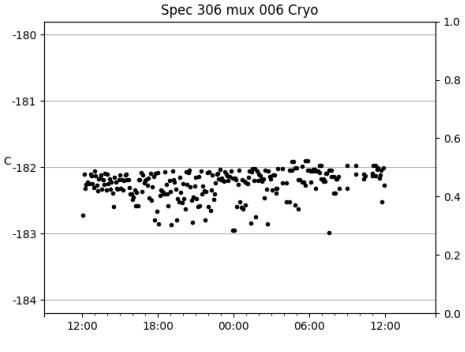
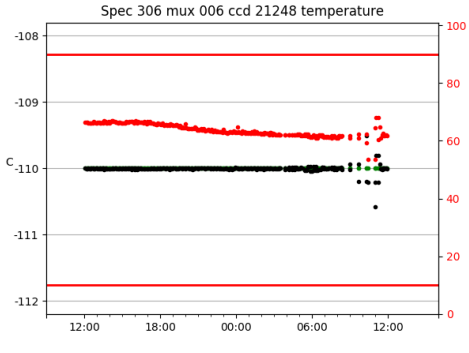
06:00
12:00


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


Spec 306 mux 006 ccd 21248 temperature
C
% Power
-108
-109
-110
-111
-112
100
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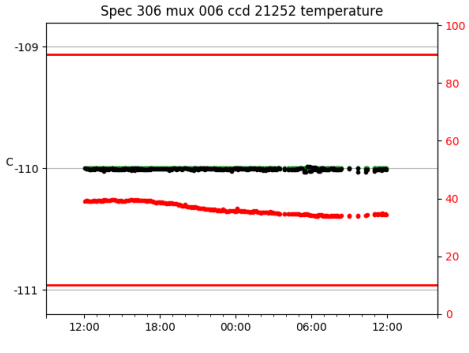
06:00
12:00


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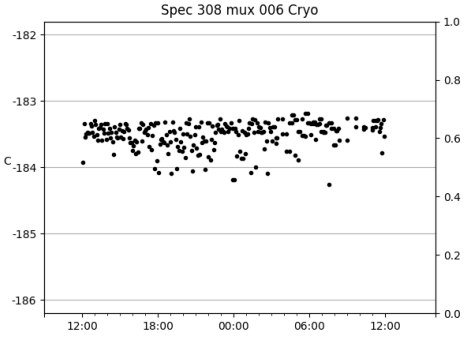
06:00
12:00


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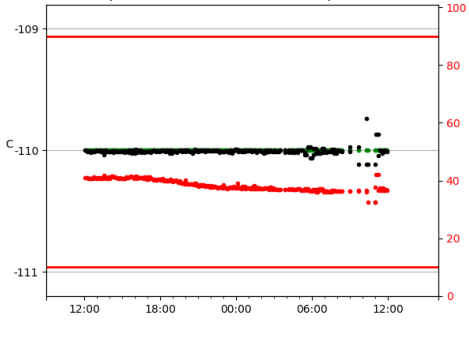
06:00
12:00


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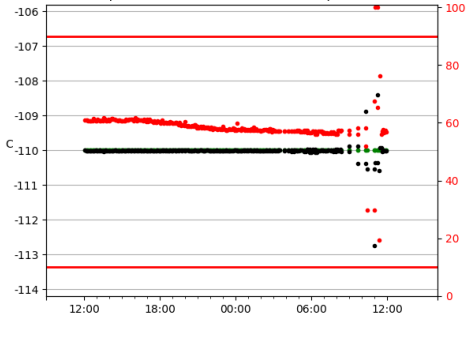
06:00
12:00


Spec 308 mux 006 ccd 21229 temperature
C
% Power
-106
-107
-108
-109
-110
-111
-112
-113
-114
100
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40
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12:00
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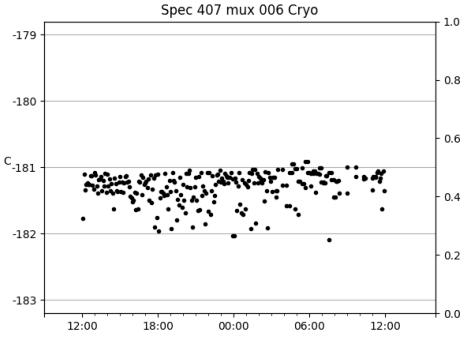
Spec 407 mux 006 Cryo
C
-179
-180
-181
-182
-183
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
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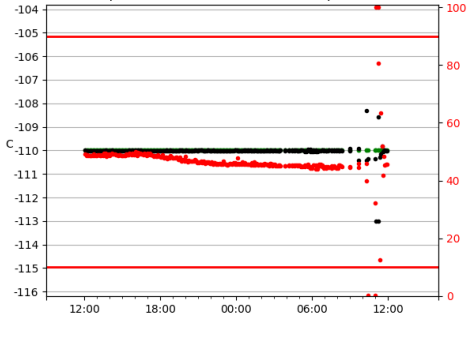
Spec 407 mux 006 ccd 26902 temperature
C
% Power
-104
-105
-106
-107
-108
-109
-110
-111
-112
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-114
-115
-116
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60
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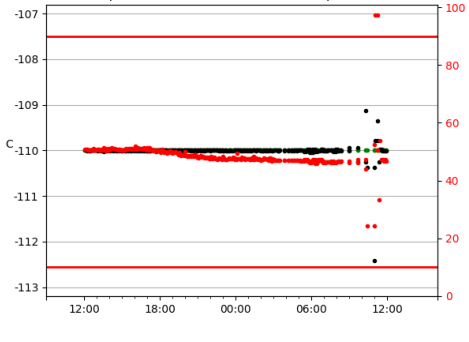
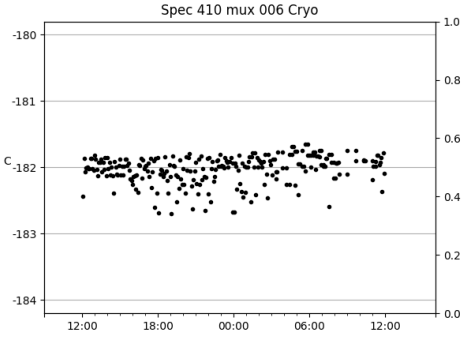

Spec 407 mux 006 ccd 26954 temperature
C
% Power
-107
-108
-109
-110
-111
-112
-113
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 410 mux 006 Cryo
C
-180
-181
-182
-183
-184
1.0
0.8
0.6
0.4
0.2
0.0
12:00
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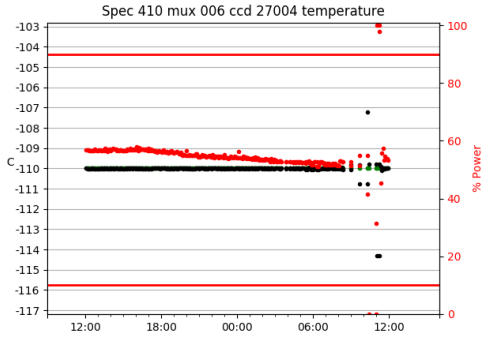
Spec 410 mux 006 ccd 27004 temperature
C
% Power
-103
-104
-105
-106
-107
-108
-109
-110
-111
-112
-113
-114
-115
-116
-117
100
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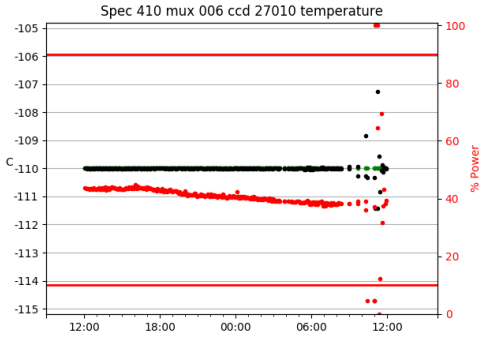
Spec 410 mux 006 ccd 27010 temperature
C
% Power
-105
-106
-107
-108
-109
-110
-111
-112
-113
-114
-115
100
80
60
40
20
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12:00
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06:00
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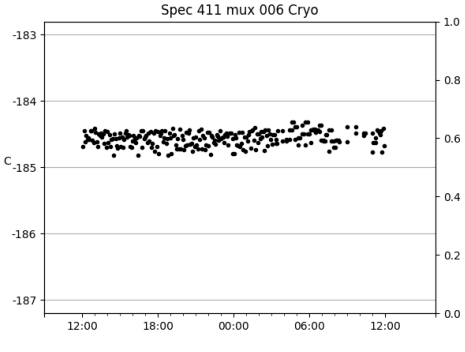
Spec 411 mux 006 Cryo
C
-183
-184
-185
-186
-187
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
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06:00
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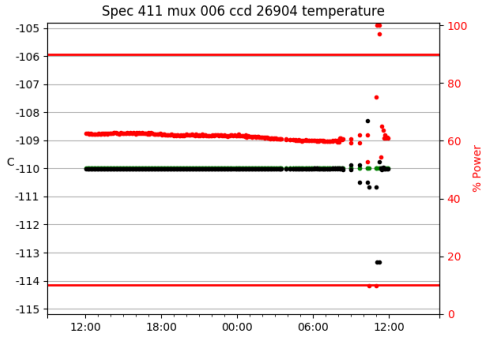
Spec 411 mux 006 ccd 26904 temperature
C
% Power
-105
-106
-107
-108
-109
-110
-111
-112
-113
-114
-115
100
80
60
40
20
0
12:00
18:00
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06:00
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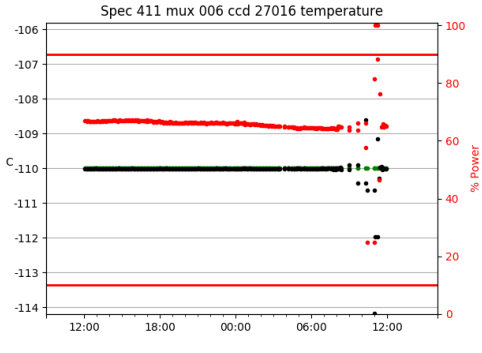
Spec 411 mux 006 ccd 27016 temperature
C
% Power
-106
-107
-108
-109
-110
-111
-112
-113
-114
100
80
60
40
20
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12:00
18:00
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06:00
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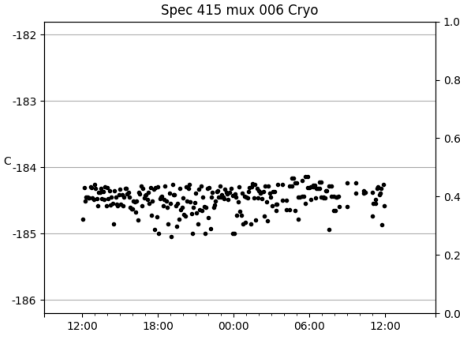
Spec 415 mux 006 Cryo
C
-182
-183
-184
-185
-186
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
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06:00
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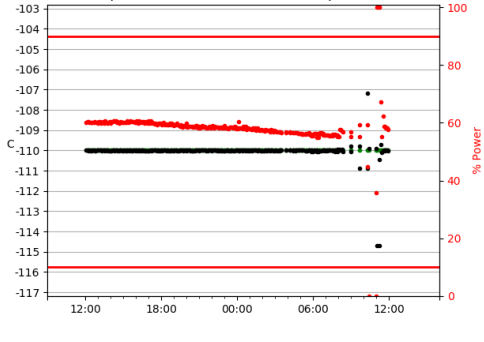
Spec 415 mux 006 ccd 26910 temperature
C
% Power
-103
-104
-105
-106
-107
-108
-109
-110
-111
-112
-113
-114
-115
-116
-117
100
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60
40
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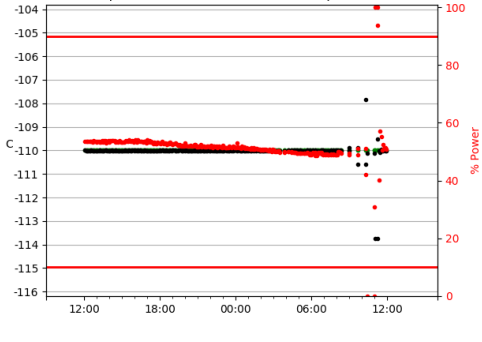
Spec 415 mux 006 ccd 26911 temperature
C
% Power
-104
-105
-106
-107
-108
-109
-110
-111
-112
-113
-114
-115
-116
100
80
60
40
20
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12:00
18:00
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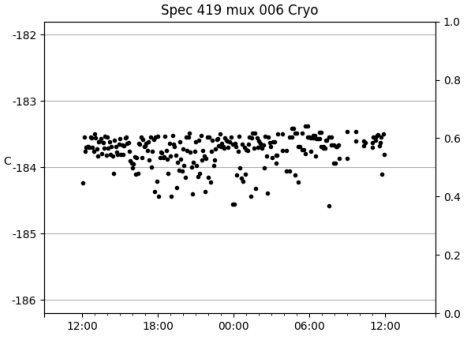
06:00
12:00


Spec 419 mux 006 Cryo
C
-182
-183
-184
-185
-186
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
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06:00
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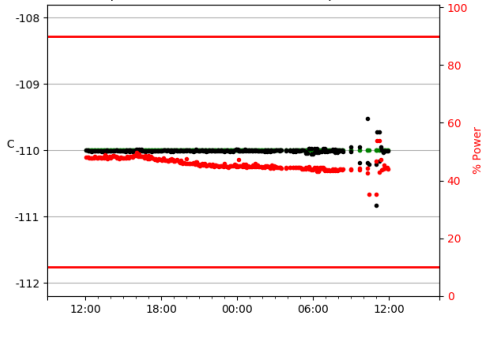
Spec 419 mux 006 ccd 26873 temperature
C
% Power
-108
-109
-110
-111
-112
100
80
60
40
20
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12:00
18:00
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06:00
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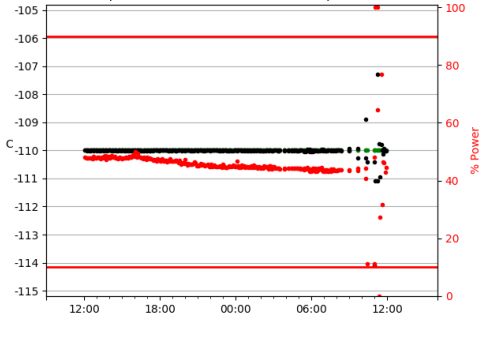
Spec 419 mux 006 ccd 26897 temperature
C
% Power
-105
-106
-107
-108
-109
-110
-111
-112
-113
-114
-115
100
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60
40
20
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12:00
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06:00
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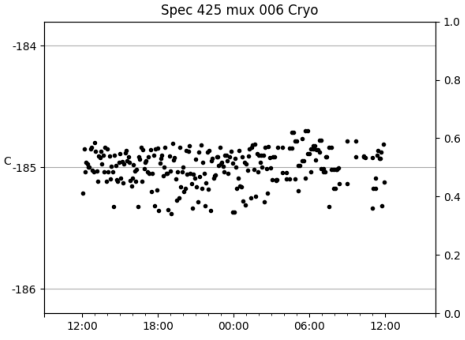
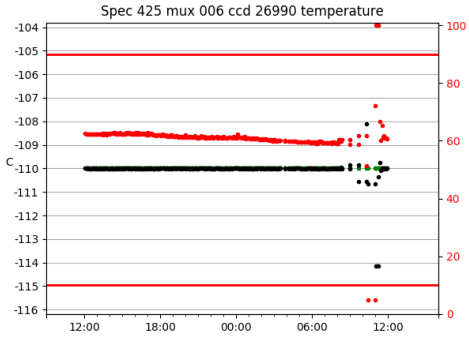
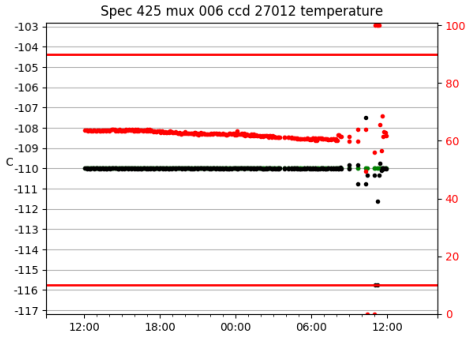
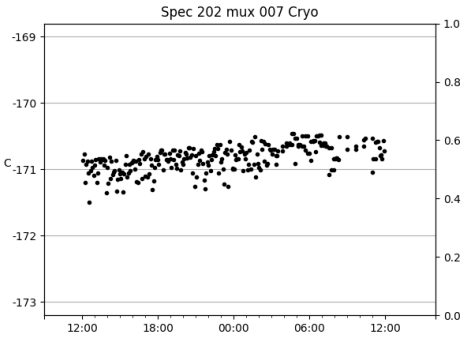
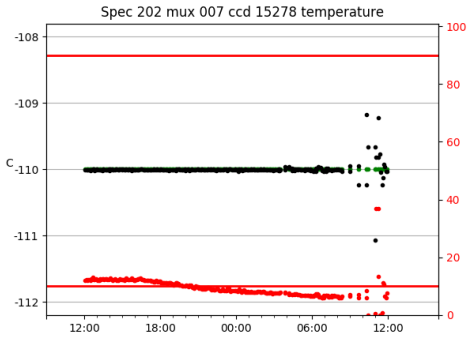
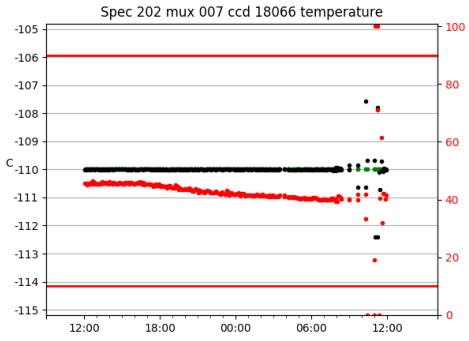

Spec 425 mux 006 Cryo
C
12:00
18:00
00:00
06:00
12:00

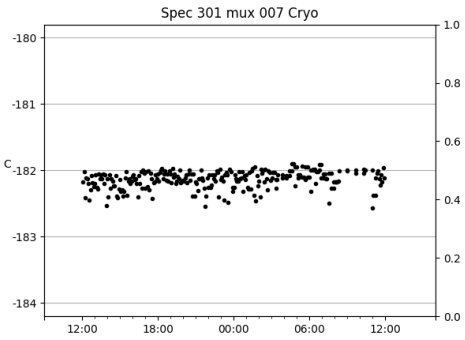

Spec 425 mux 006 ccd 26990 temperature
C
% Power
12:00
18:00
00:00
06:00
12:00

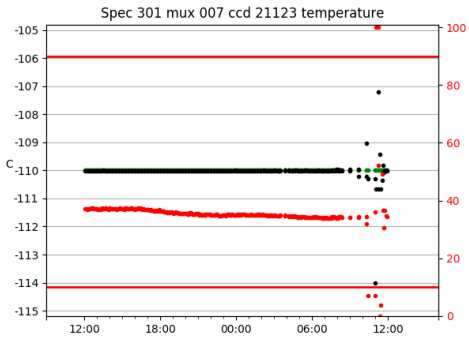

Spec 425 mux 006 ccd 27012 temperature
C
% Power
12:00
18:00
00:00
06:00
12:00

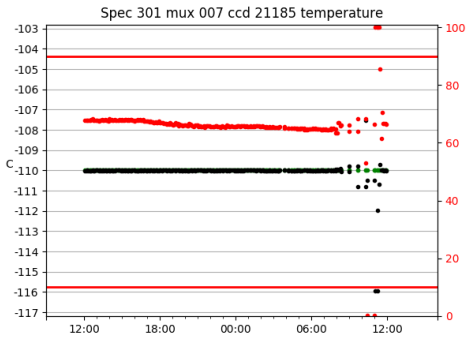

Spec 202 mux 007 Cryo
C
12:00
18:00
00:00
06:00
12:00

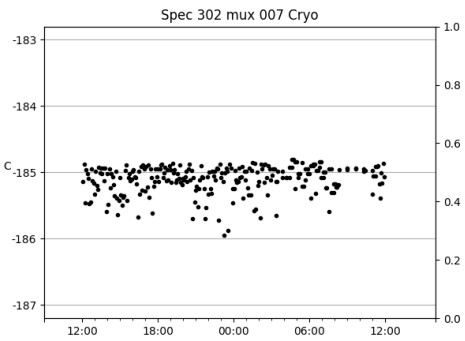

Spec 202 mux 007 ccd 15278 temperature
C
% Power
12:00
18:00
00:00
06:00
12:00

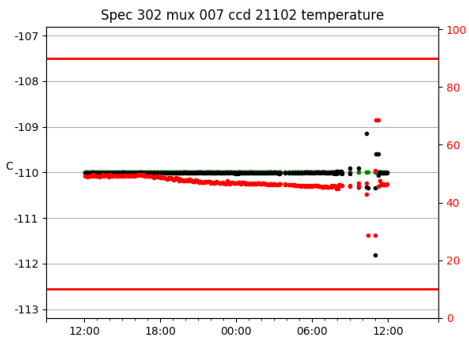

Spec 202 mux 007 ccd 18066 temperature
C
% Power
12:00
18:00
00:00
06:00
12:00

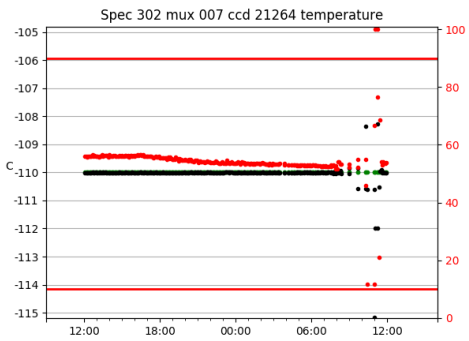

Spec 301 mux 007 Cryo
C
12:00
18:00
00:00
06:00
12:00

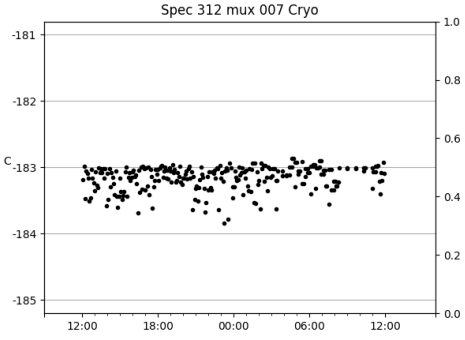

Spec 301 mux 007 ccd 21123 temperature
C
% Power
12:00
18:00
00:00
06:00
12:00

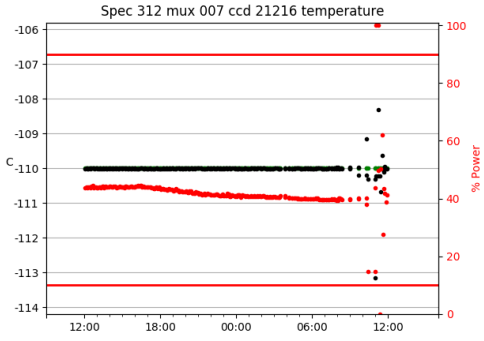

Spec 301 mux 007 ccd 21185 temperature
C
% Power
12:00
18:00
00:00
06:00
12:00


Spec 302 mux 007 Cryo
C
12:00
18:00
00:00
06:00
12:00


Spec 302 mux 007 ccd 21102 temperature
C
% Power
12:00
18:00
00:00
06:00
12:00


Spec 302 mux 007 ccd 21264 temperature
C
% Power
12:00
18:00
00:00
06:00
12:00


Spec 312 mux 007 Cryo
C
-181
-182
-183
-184
-185
1.0
0.8
0.6
0.4
0.2
0.0
12:00
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
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12:00
18:00
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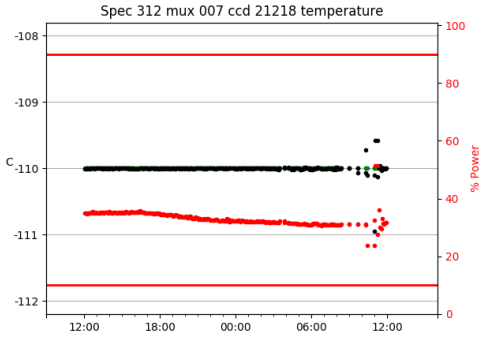
06:00
12:00


Spec 312 mux 007 ccd 21218 temperature
C
% Power
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-109
-110
-111
-112
100
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60
40
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18:00
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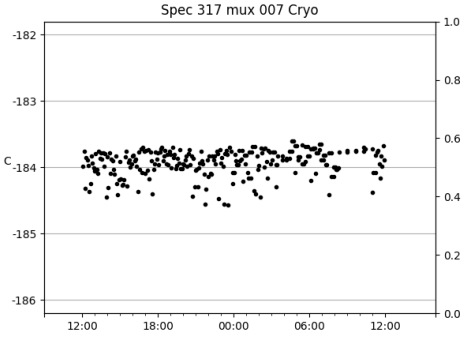
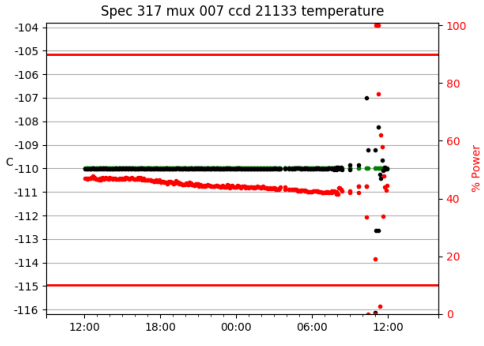
12:00


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


Spec 317 mux 007 ccd 21133 temperature
C
% Power
-104
-105
-106
-107
-108
-109
-110
-111
-112
-113
-114
-115
-116
100
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60
40
20
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12:00
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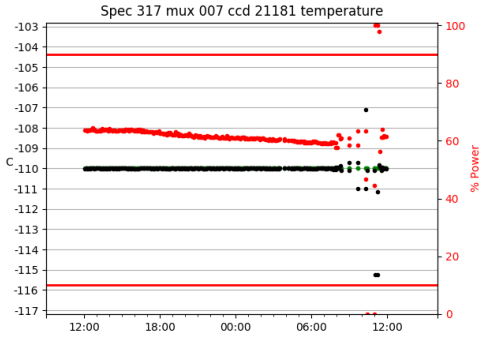
06:00
12:00


Spec 317 mux 007 ccd 21181 temperature
C
% Power
-103
-104
-105
-106
-107
-108
-109
-110
-111
-112
-113
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-117
100
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12:00
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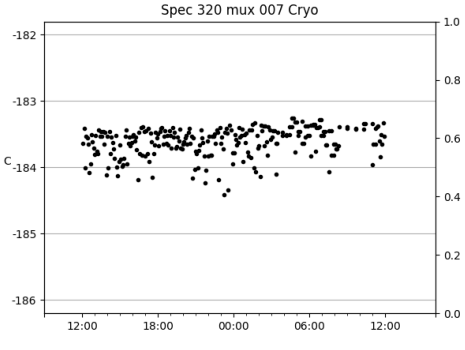
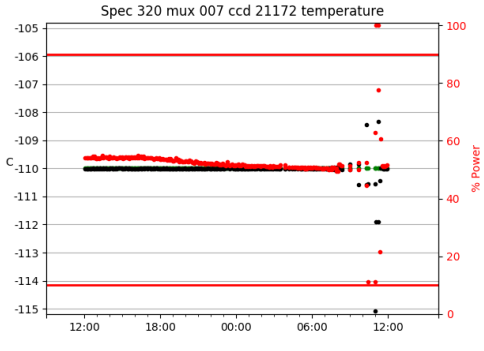
12:00


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


Spec 320 mux 007 ccd 21172 temperature
C
% Power
-105
-106
-107
-108
-109
-110
-111
-112
-113
-114
-115
100
80
60
40
20
0
12:00
18:00
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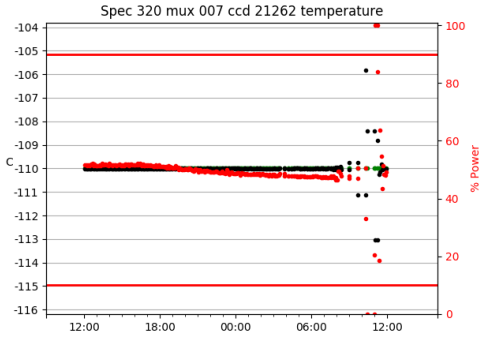
06:00
12:00


Spec 320 mux 007 ccd 21262 temperature
C
% Power
-104
-105
-106
-107
-108
-109
-110
-111
-112
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-114
-115
-116
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60
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12:00
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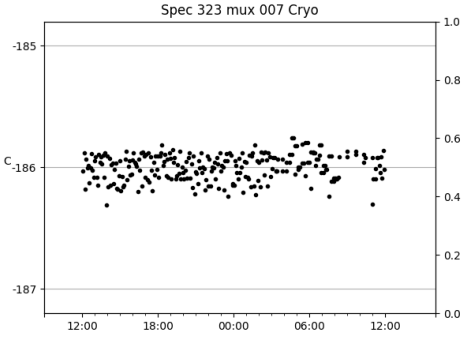
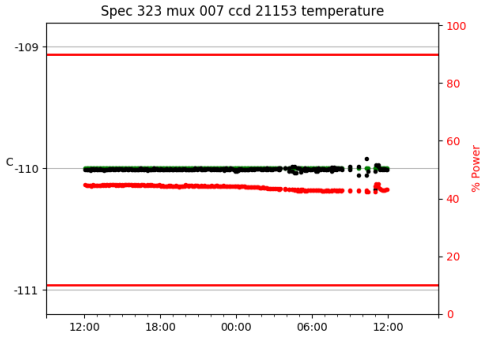
06:00
12:00


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


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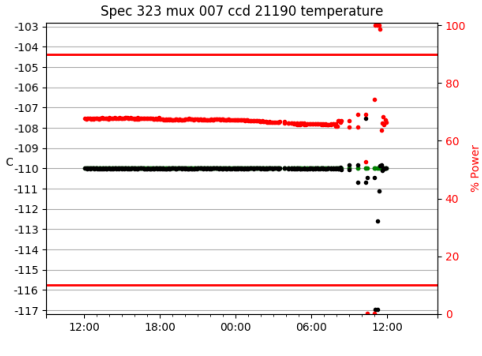
06:00
12:00


Spec 323 mux 007 ccd 21190 temperature
C
% Power
-103
-104
-105
-106
-107
-108
-109
-110
-111
-112
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-117
100
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12:00
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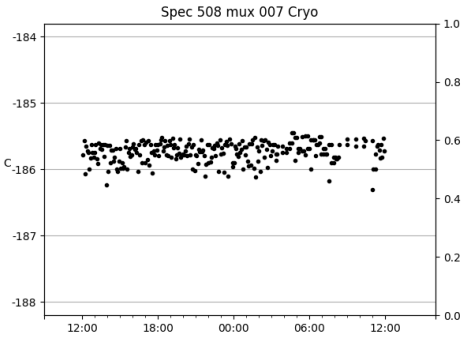
12:00


Spec 508 mux 007 Cryo
C
-184
-185
-186
-187
-188
1.0
0.8
0.6
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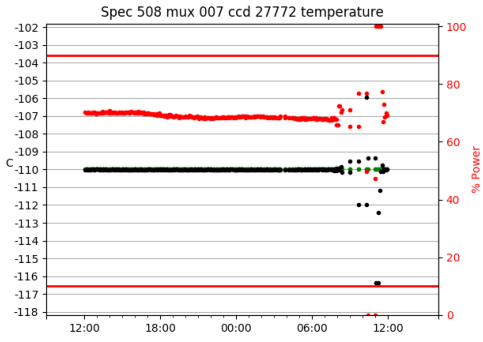
Spec 508 mux 007 ccd 27772 temperature
C
% Power
-102
-103
-104
-105
-106
-107
-108
-109
-110
-111
-112
-113
-114
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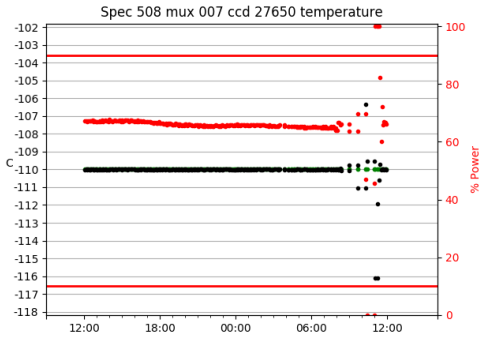
Spec 508 mux 007 ccd 27650 temperature
C
% Power
-102
-103
-104
-105
-106
-107
-108
-109
-110
-111
-112
-113
-114
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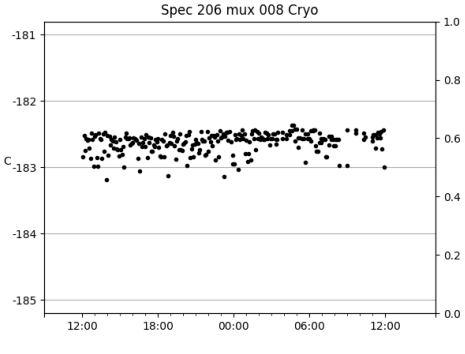
Spec 206 mux 008 Cryo
C
-181
-182
-183
-184
-185
1.0
0.8
0.6
0.4
0.2
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12:00
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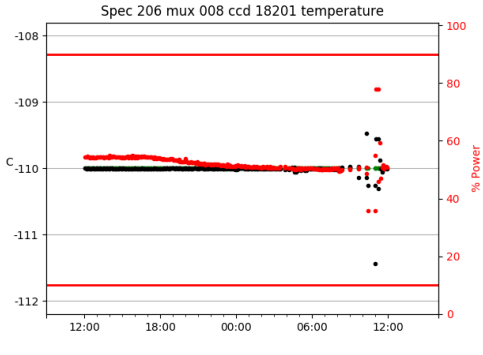
Spec 206 mux 008 ccd 18201 temperature
C
% Power
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-109
-110
-111
-112
100
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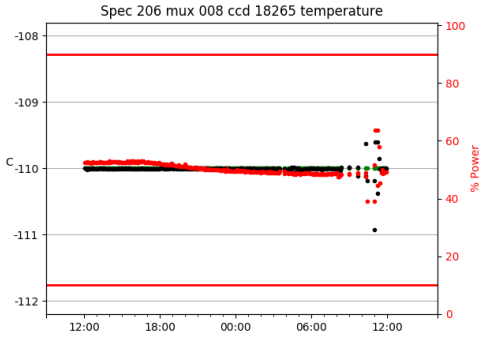
Spec 206 mux 008 ccd 18265 temperature
C
% Power
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-111
-112
100
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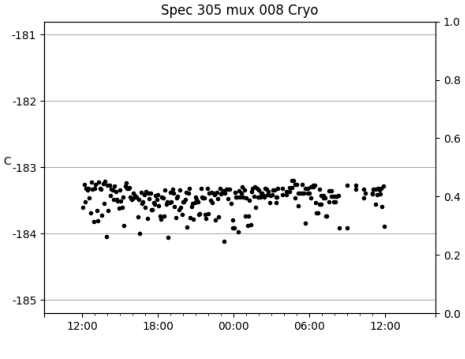
Spec 305 mux 008 Cryo
C
-181
-182
-183
-184
-185
1.0
0.8
0.6
0.4
0.2
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12:00
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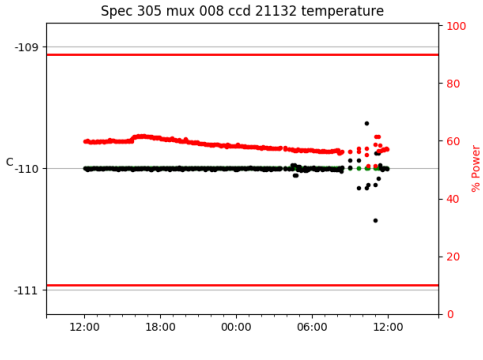
Spec 305 mux 008 ccd 21132 temperature
C
% Power
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-110
-111
100
80
60
40
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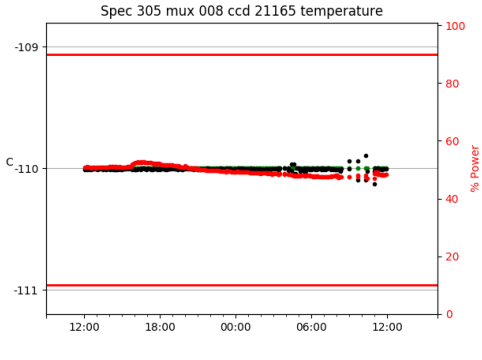
Spec 305 mux 008 ccd 21165 temperature
C
% Power
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-111
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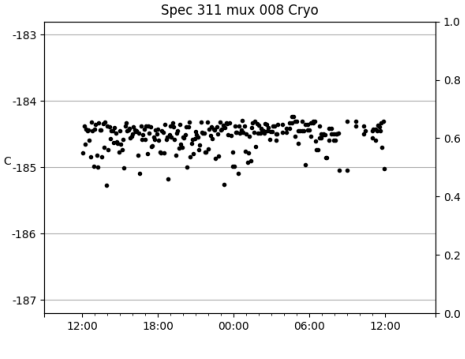
Spec 311 mux 008 Cryo
C
-183
-184
-185
-186
-187
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
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06:00
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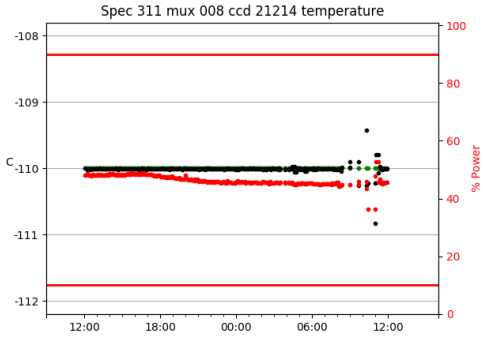
Spec 311 mux 008 ccd 21214 temperature
C
% Power
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-109
-110
-111
-112
100
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60
40
20
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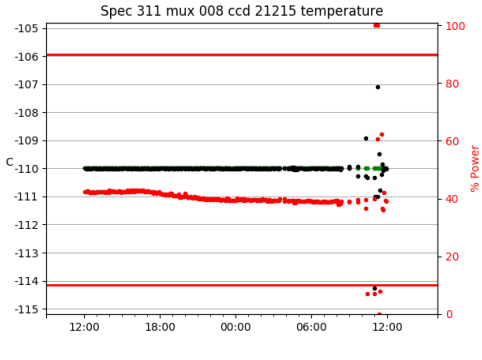
06:00
12:00


Spec 311 mux 008 ccd 21215 temperature
C
% Power
-105
-106
-107
-108
-109
-110
-111
-112
-113
-114
-115
100
80
60
40
20
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12:00
18:00
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06:00
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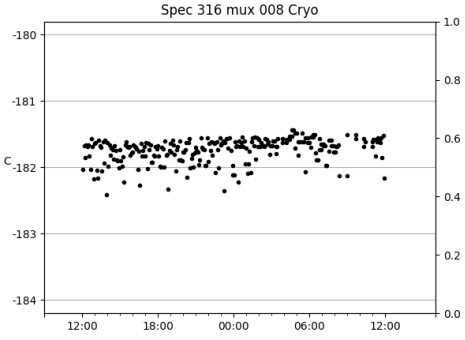
Spec 316 mux 008 Cryo
C
-180
-181
-182
-183
-184
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
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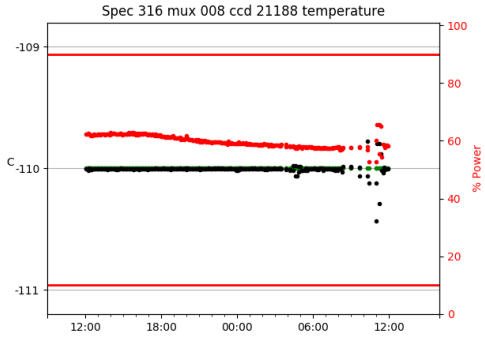
Spec 316 mux 008 ccd 21188 temperature
C
-109
-110
-111
% Power
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60
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20
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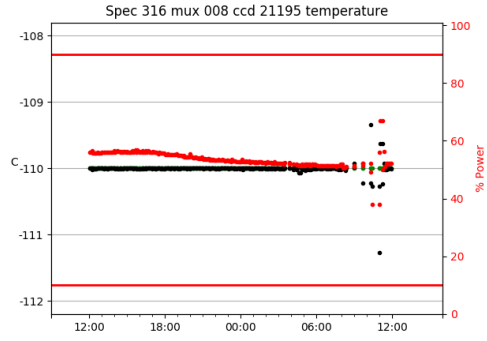
Spec 316 mux 008 ccd 21195 temperature
C
-108
-109
-110
-111
-112
% Power
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60
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20
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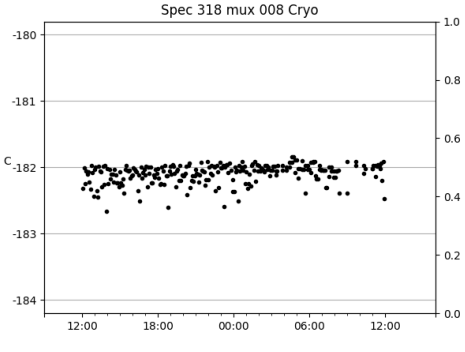
Spec 318 mux 008 Cryo
C
-180
-181
-182
-183
-184
1.0
0.8
0.6
0.4
0.2
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12:00
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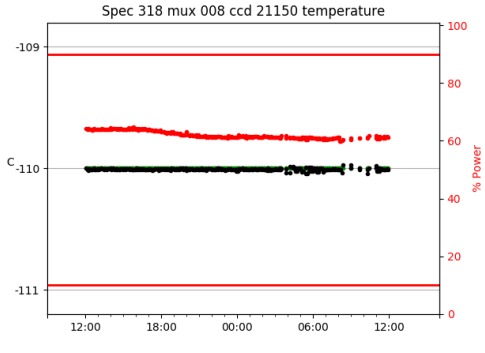
Spec 318 mux 008 ccd 21150 temperature
C
-109
-110
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% Power
100
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60
40
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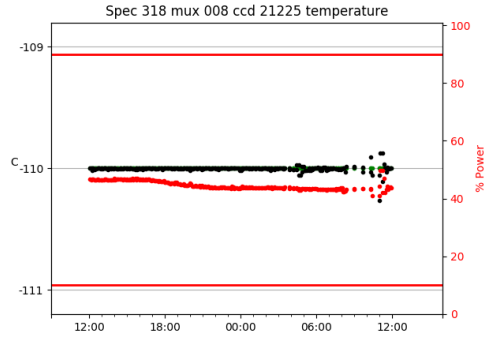
Spec 318 mux 008 ccd 21225 temperature
C
-109
-110
-111
% Power
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60
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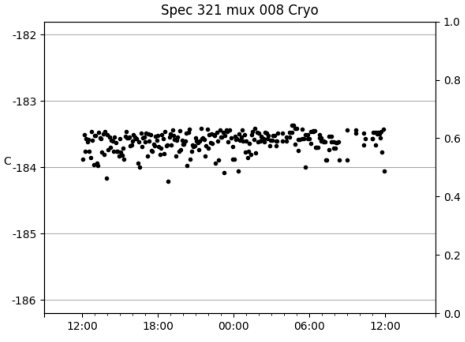
Spec 321 mux 008 Cryo
C
-182
-183
-184
-185
-186
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
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06:00
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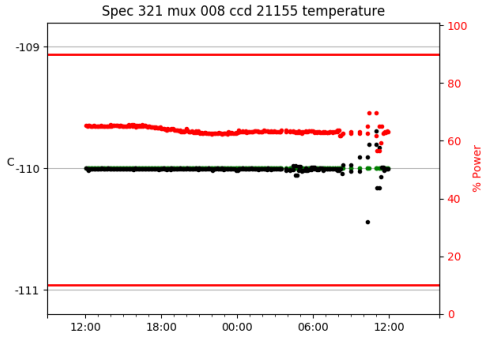
Spec 321 mux 008 ccd 21155 temperature
C
-109
-110
-111
% Power
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60
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20
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12:00
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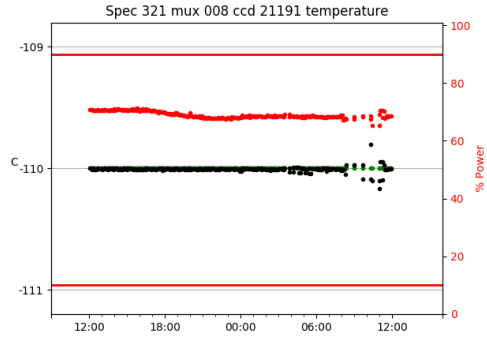
12:00


Spec 321 mux 008 ccd 21191 temperature
C
-109
-110
-111
% Power
100
80
60
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20
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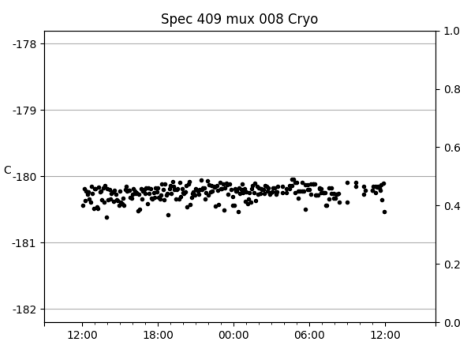
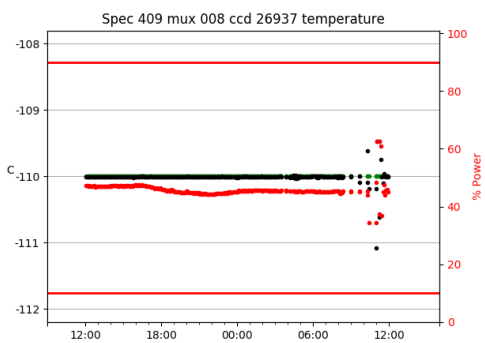

Spec 409 mux 008 Cryo
C
-178
-179
-180
-181
-182
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


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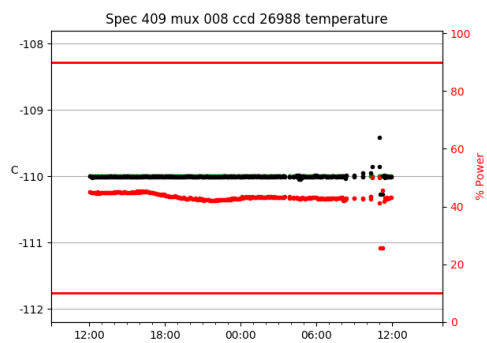
06:00
12:00


Spec 409 mux 008 ccd 26988 temperature
C
-108
-109
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-111
-112
% Power
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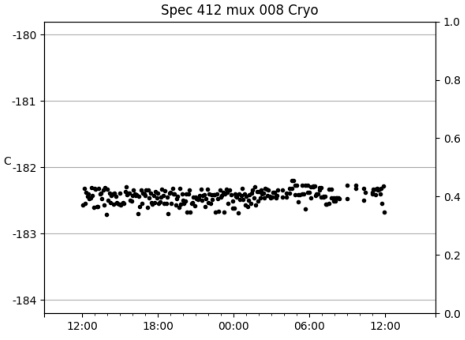
Spec 412 mux 008 Cryo
C
-180
-181
-182
-183
-184
1.0
0.8
0.6
0.4
0.2
0.0
12:00
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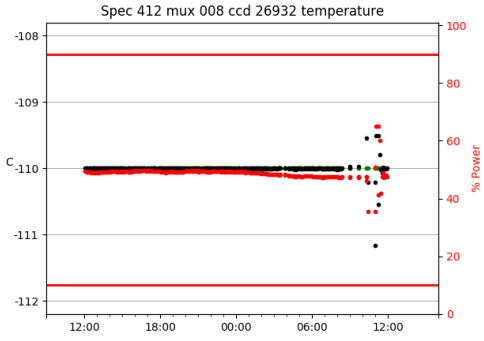
Spec 412 mux 008 ccd 26932 temperature
C
% Power
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-110
-111
-112
100
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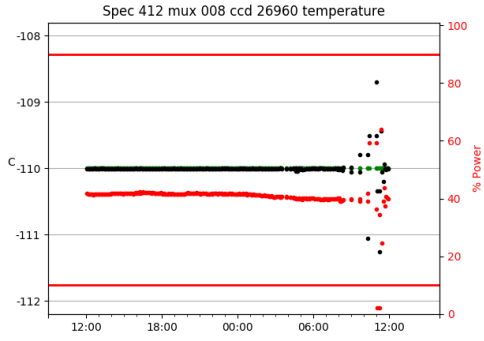
Spec 412 mux 008 ccd 26960 temperature
C
% Power
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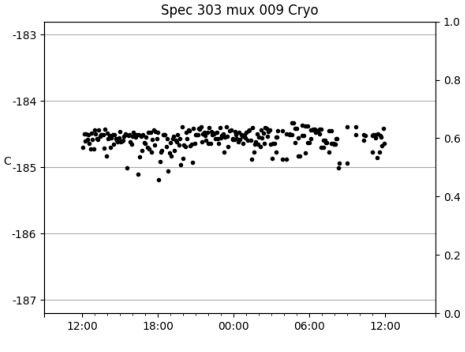
Spec 303 mux 009 Cryo
C
-183
-184
-185
-186
-187
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
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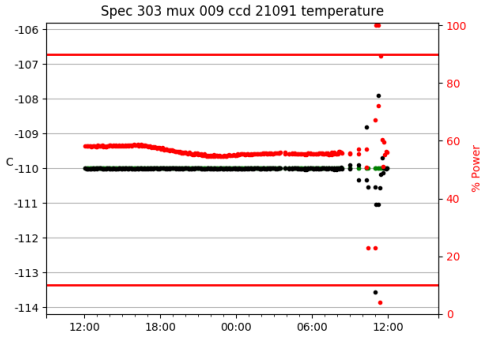
06:00
12:00


Spec 303 mux 009 ccd 21091 temperature
C
% Power
-106
-107
-108
-109
-110
-111
-112
-113
-114
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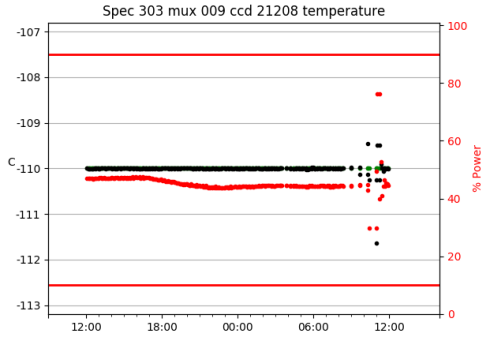
Spec 303 mux 009 ccd 21208 temperature
C
% Power
-107
-108
-109
-110
-111
-112
-113
100
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60
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12:00
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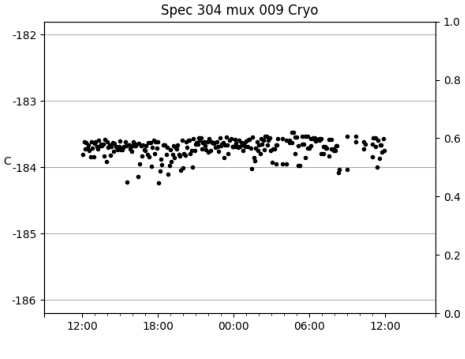
Spec 304 mux 009 Cryo
C
-182
-183
-184
-185
-186
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
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06:00
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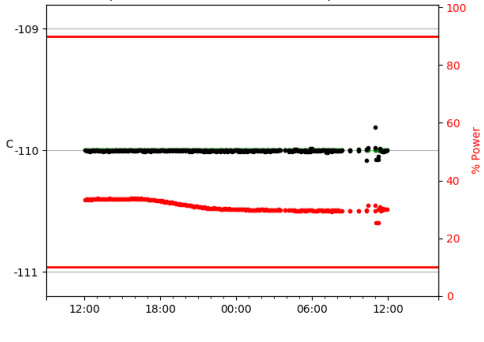
Spec 304 mux 009 ccd 21120 temperature
C
% Power
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-111
100
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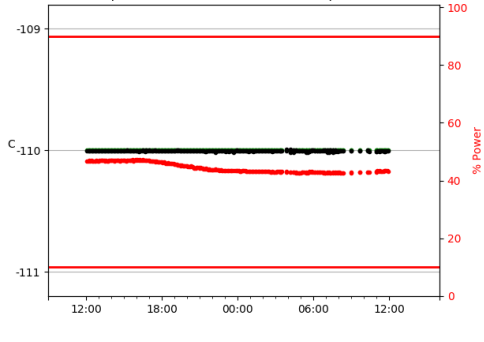
Spec 304 mux 009 ccd 21126 temperature
C
% Power
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-111
100
80
60
40
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12:00
18:00
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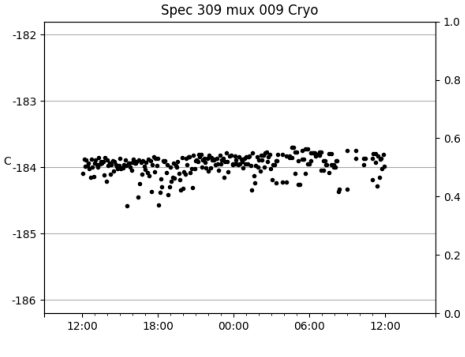
06:00
12:00


Spec 309 mux 009 Cryo
C
-182
-183
-184
-185
-186
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
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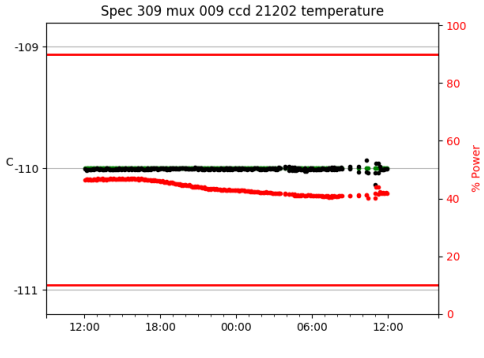
Spec 309 mux 009 ccd 21202 temperature
C
% Power
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-111
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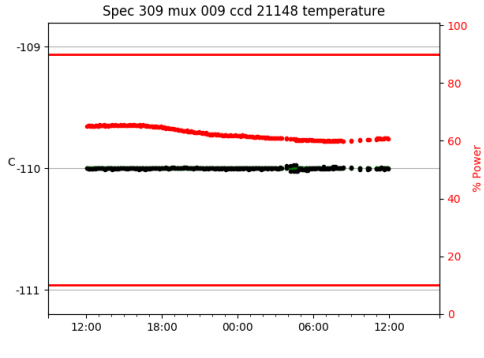
Spec 309 mux 009 ccd 21148 temperature
C
% Power
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-111
100
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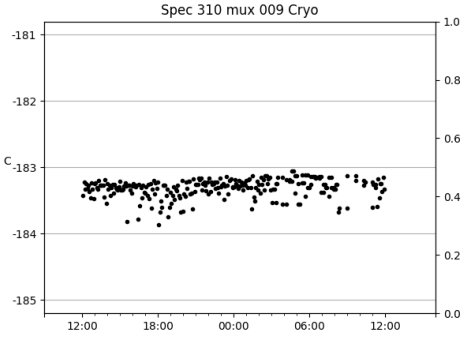
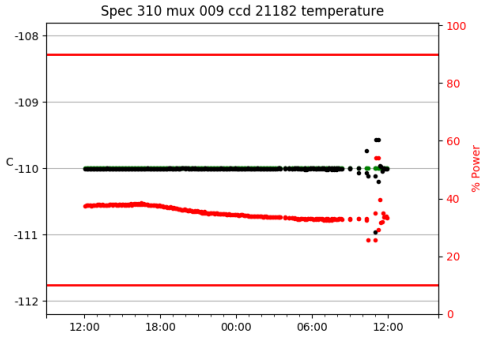
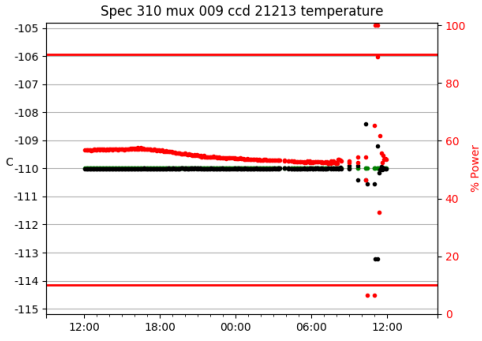
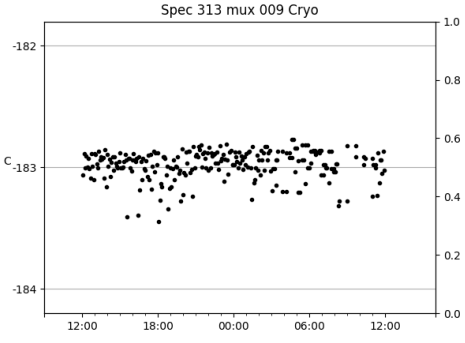
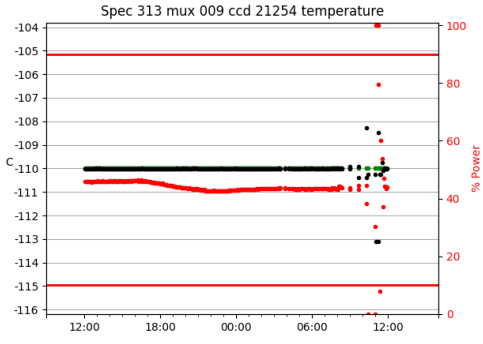
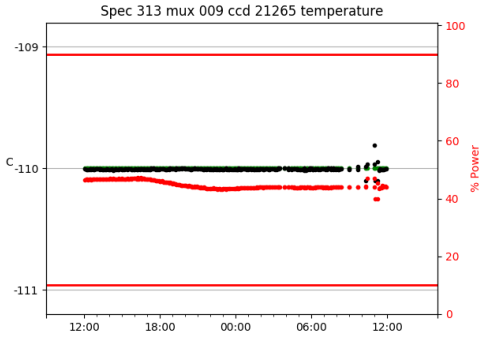

Spec 310 mux 009 Cryo
C
-181
-182
-183
-184
-185
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

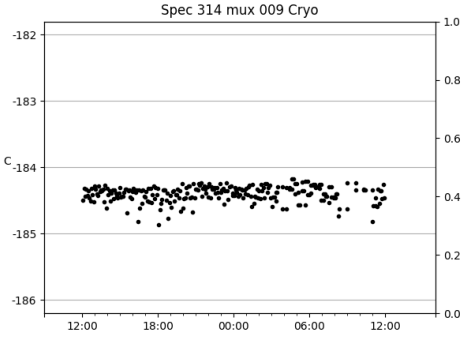

Spec 310 mux 009 ccd 21182 temperature
C
% Power
-108
-109
-110
-111
-112
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

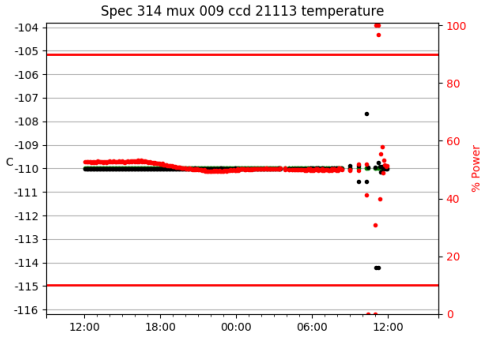

Spec 310 mux 009 ccd 21213 temperature
C
% Power
-105
-106
-107
-108
-109
-110
-111
-112
-113
-114
-115
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

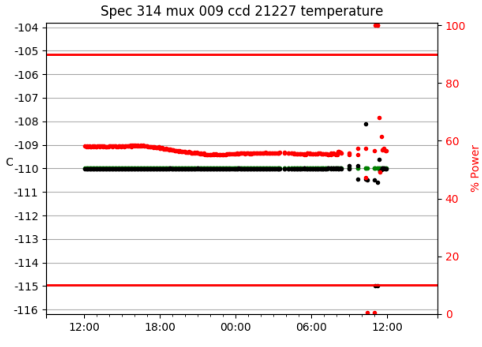

Spec 313 mux 009 Cryo
C
-182
-183
-184
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

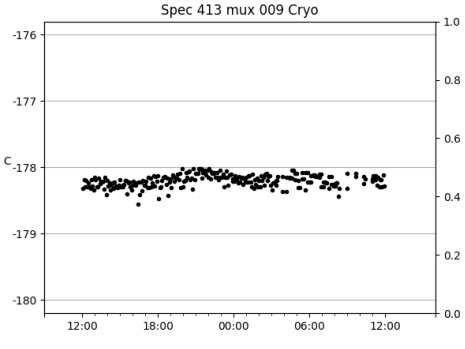

Spec 313 mux 009 ccd 21254 temperature
C
% Power
-104
-105
-106
-107
-108
-109
-110
-111
-112
-113
-114
-115
-116
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

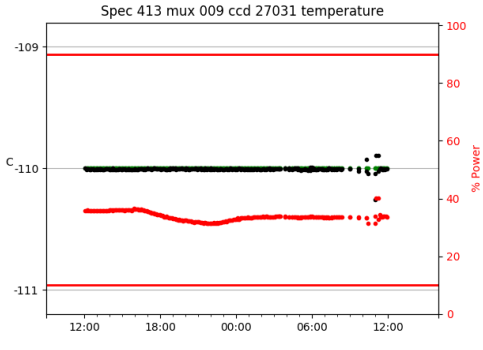

Spec 313 mux 009 ccd 21265 temperature
C
% Power
-109
-110
-111
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

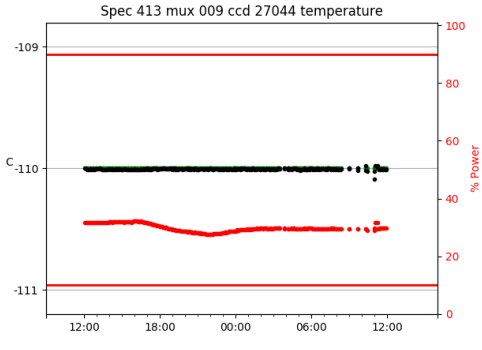

Spec 314 mux 009 Cryo
C
-182
-183
-184
-185
-186
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

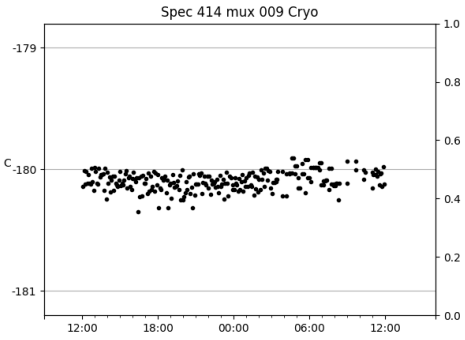

Spec 314 mux 009 ccd 21113 temperature
C
% Power
-104
-105
-106
-107
-108
-109
-110
-111
-112
-113
-114
-115
-116
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

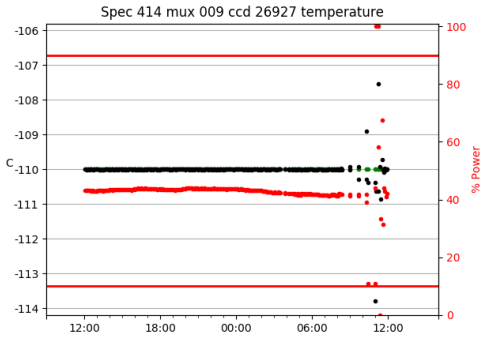

Spec 314 mux 009 ccd 21227 temperature
C
% Power
-104
-105
-106
-107
-108
-109
-110
-111
-112
-113
-114
-115
-116
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

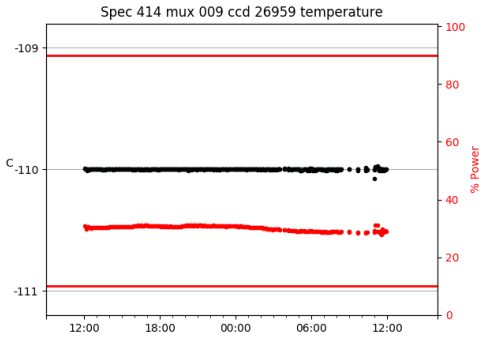

Spec 413 mux 009 Cryo
C
-176
-177
-178
-179
-180
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


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

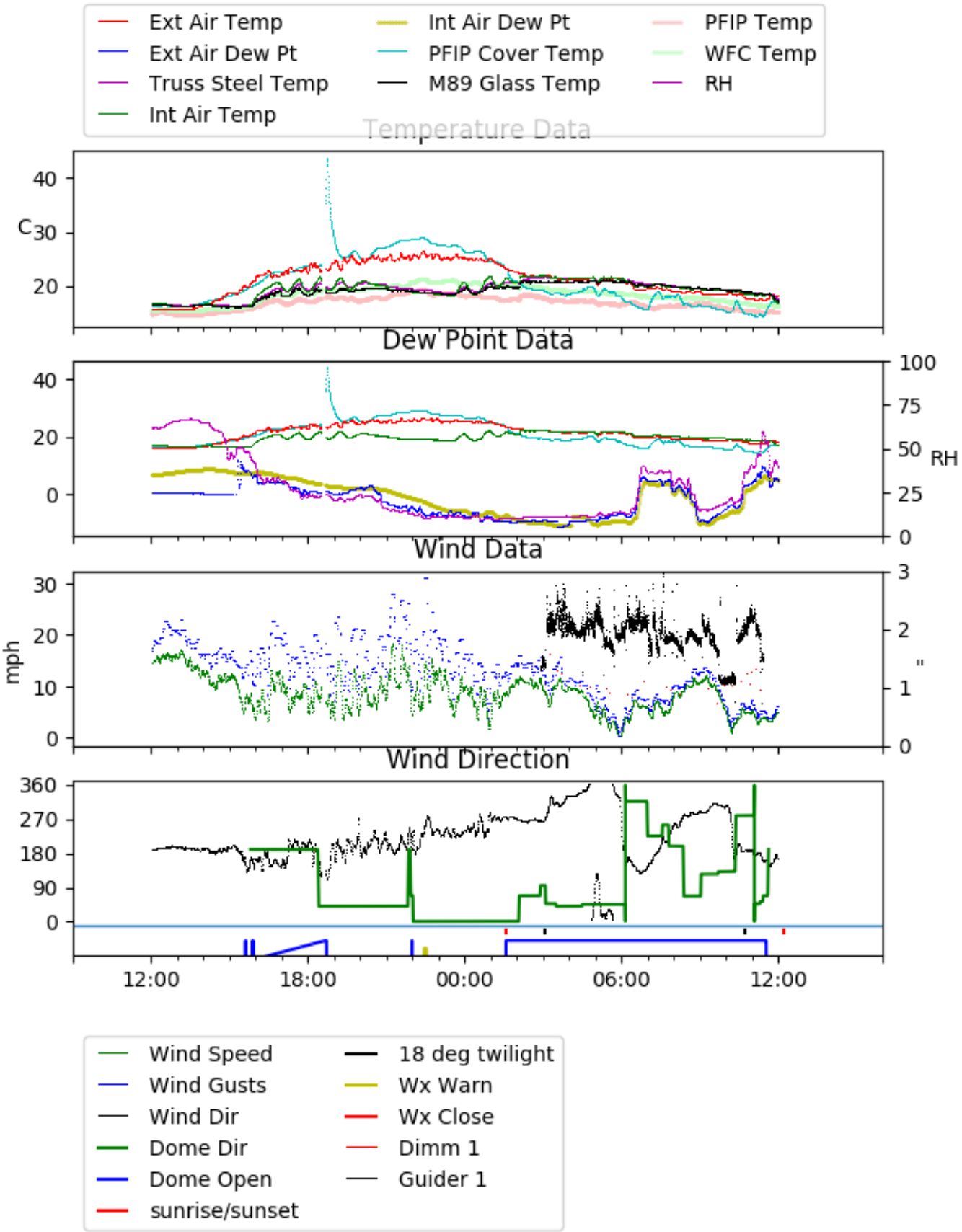

Spec 413 mux 009 ccd 27044 temperature
C
% Power
-109
-110
-111
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


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

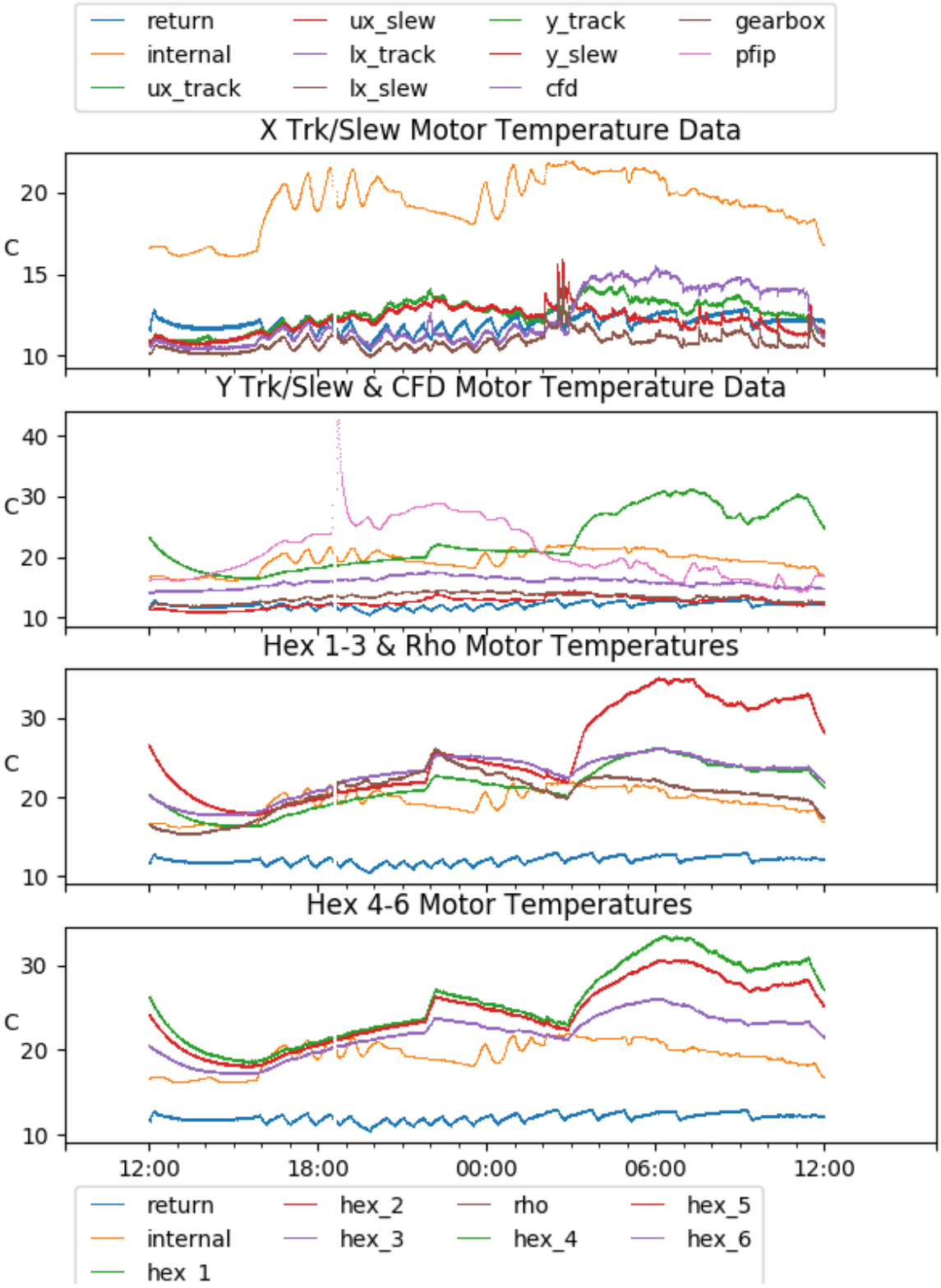

Spec 414 mux 009 ccd 26927 temperature
-106
-107
-108
-109
-110
-111
-112
-113
-114
C
100
80
60
40
20
0
% Power
12:00
18:00
00:00
06:00
12:00


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

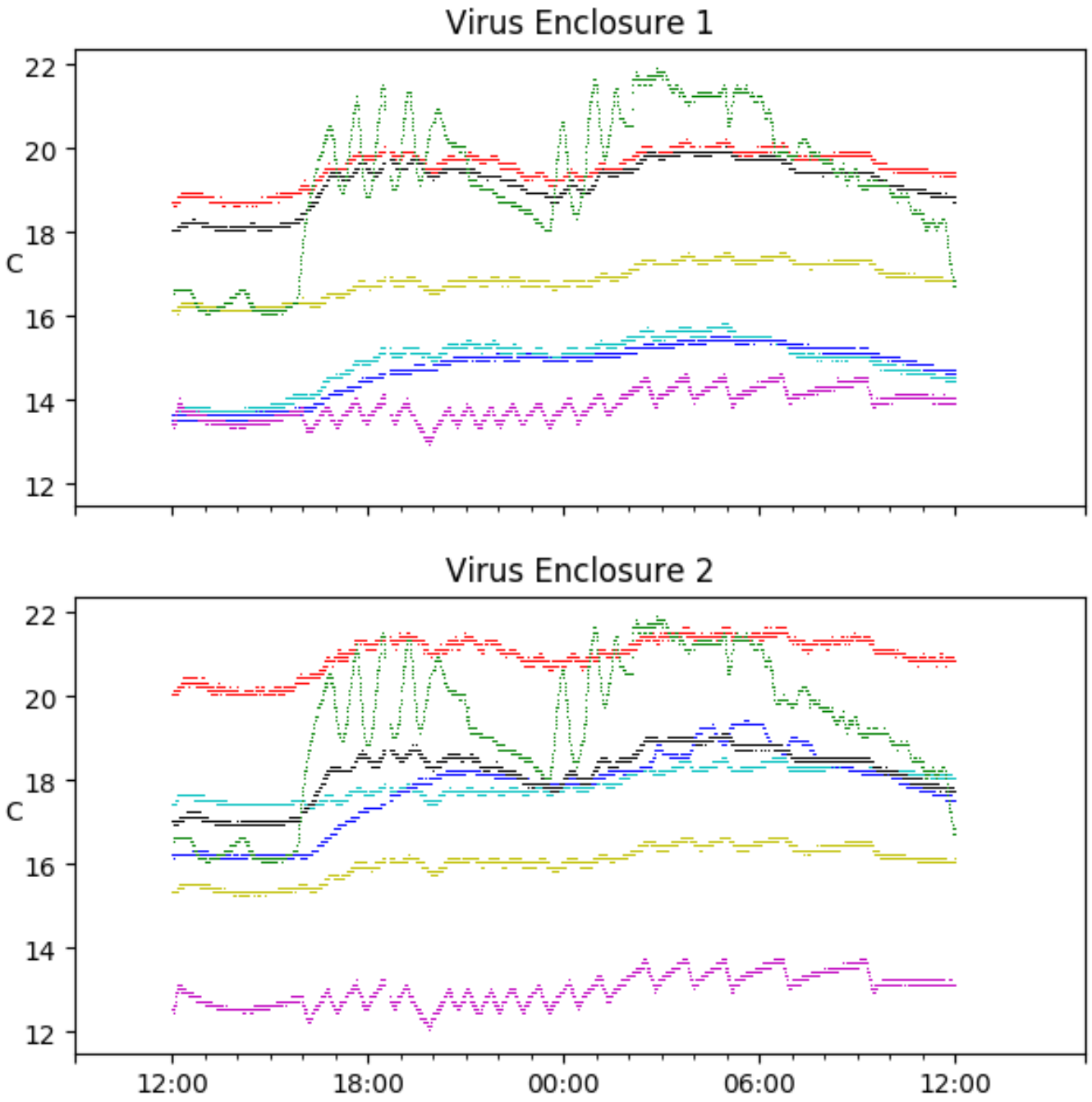
3 Weather


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

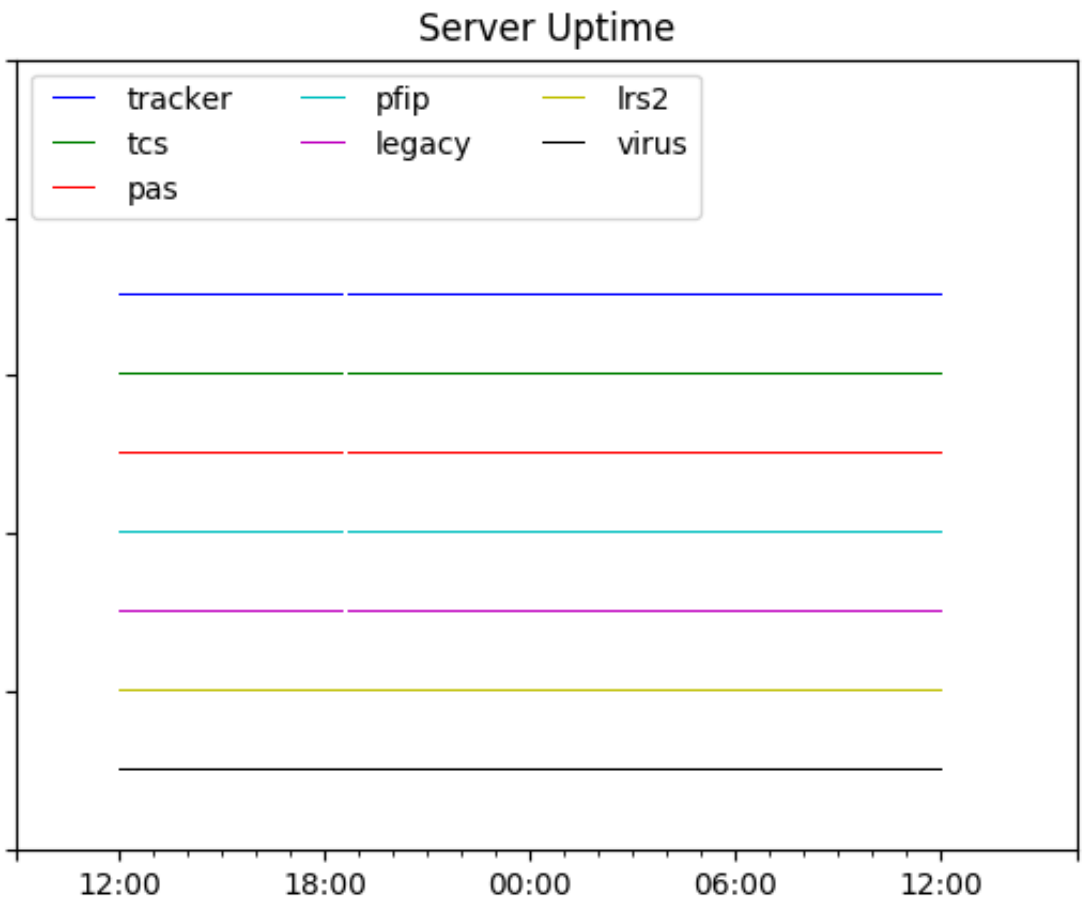
4 Tracker Engineering



5 Virus Enclosures



6 Server Up Time

Current server run times:

tracker uptime: 18:05:04 (hh:mm:ss)
tcs uptime: 18:06:11 (hh:mm:ss)
pas uptime: 18:07:11 (hh:mm:ss)
pfip uptime: 18:08:07 (hh:mm:ss)
legacy uptime: 18:10:06 (hh:mm:ss)
lrs2 uptime: 836:44:01 (hh:mm:ss)
virus uptime: 93:28:25 (hh:mm:ss)