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

2020-10-23 10:21:38 to 2020-10-24 23:59:59 UTC

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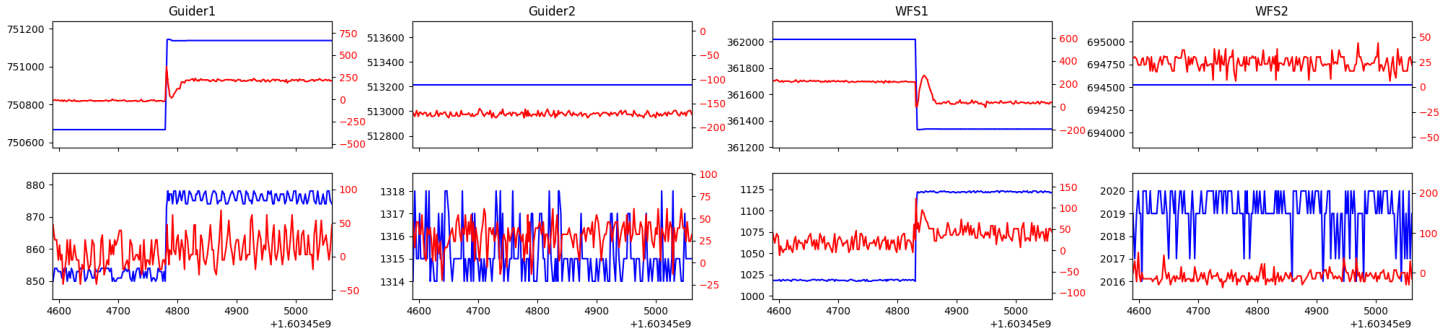
*This report has been automatically generated. Id: status_report.py 12064 2020-10-12 21:59:51Z fowler

1 Trajectories

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

1.1 479

Trajectory 479 for desired Azimuth 83.009633 was loaded at 12:00:33.45. The go_next command was sent at 12:00:40.869 and took 189.715 seconds to complete. The setup took 233.00 seconds at an actual azimuth of 83.011655 The trajectory was cancelled at 12:11:00.26. The trajectory was stopped at 12:11:05.37 with the message "Reached end of track.".

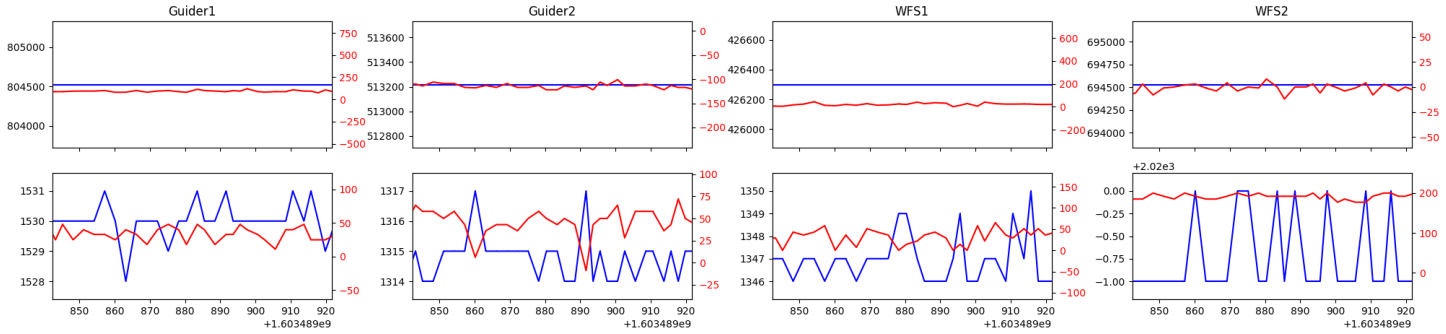


1.2 342

Trajectory 342 for desired Azimuth 65.453 was loaded at 21:44:44.37. The go_next command was sent at 21:44:44.956. But no ready_time was found. The trajectory was cancelled at 21:44:57.33.

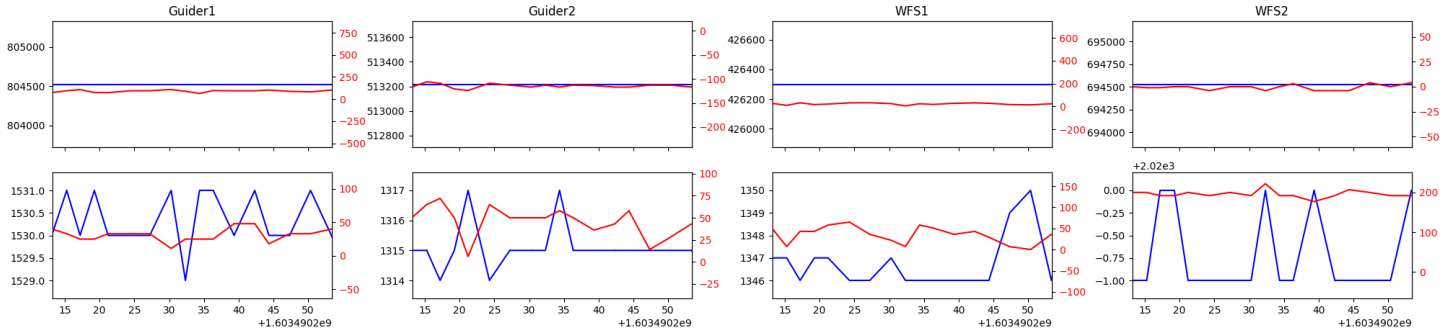
1.3 955

Trajectory 955 for desired Azimuth 65.453 was loaded at 21:48:47.13. The go_next command was sent at 21:49:21.304 and took 81.276 seconds to complete. The trajectory was cancelled at 21:52:01.72. The trajectory was stopped at 21:52:07.05 with the message "Reached end of track.".



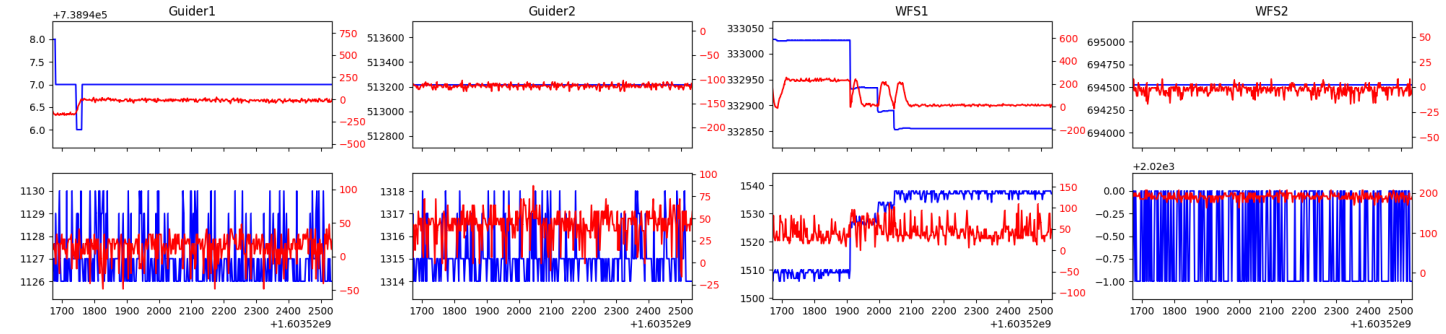
1.4 869

Trajectory 869 for desired Azimuth 180.333338 was loaded at 21:56:01.84. The go_next command was sent at 21:56:01.857 and took 51.317 seconds to complete. The trajectory was cancelled at 21:57:33.41. The trajectory was stopped at 21:57:38.95 with the message "Reached end of track.".



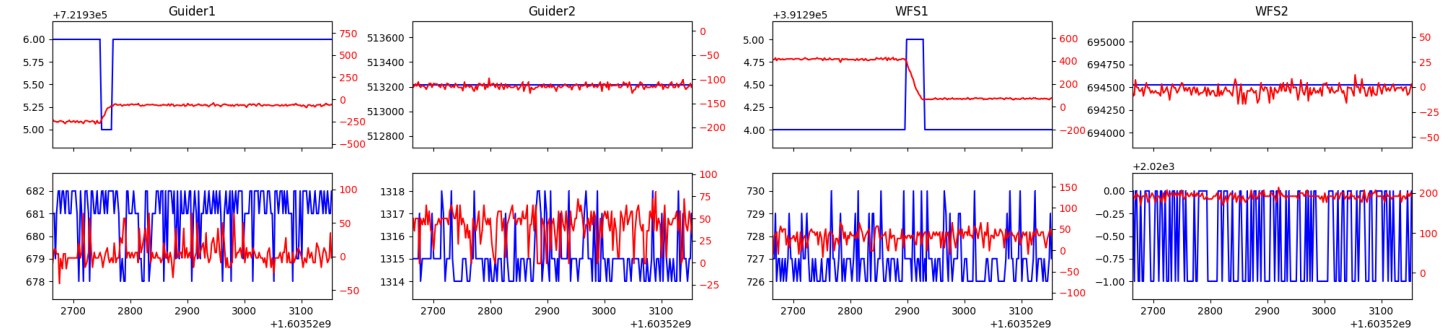
1.5 263

Trajectory 263 for desired Azimuth 180 was loaded at 06:39:40.27. The go_next command was sent at 06:39:47.360 and took 132.878 seconds to complete. The trajectory was cancelled at 06:55:34.15. The trajectory was stopped at 06:55:39.76 with the message "Reached end of track.".



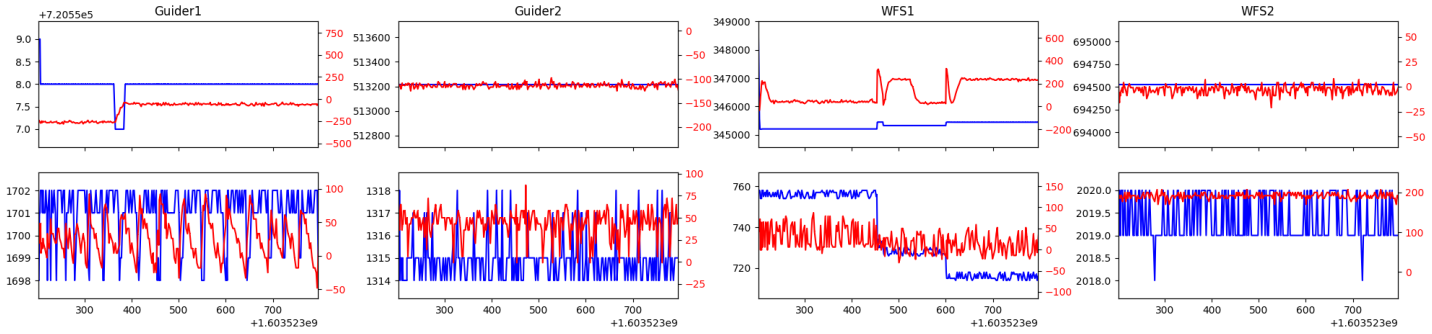
1.6 138

Trajectory 138 for desired Azimuth 148.476066 was loaded at 06:55:41.53. The go_next command was sent at 06:55:48.638 and took 114.620 seconds to complete. The trajectory was cancelled at 07:05:53.51. The trajectory was stopped at 07:05:59.00 with the message "Reached end of track.".



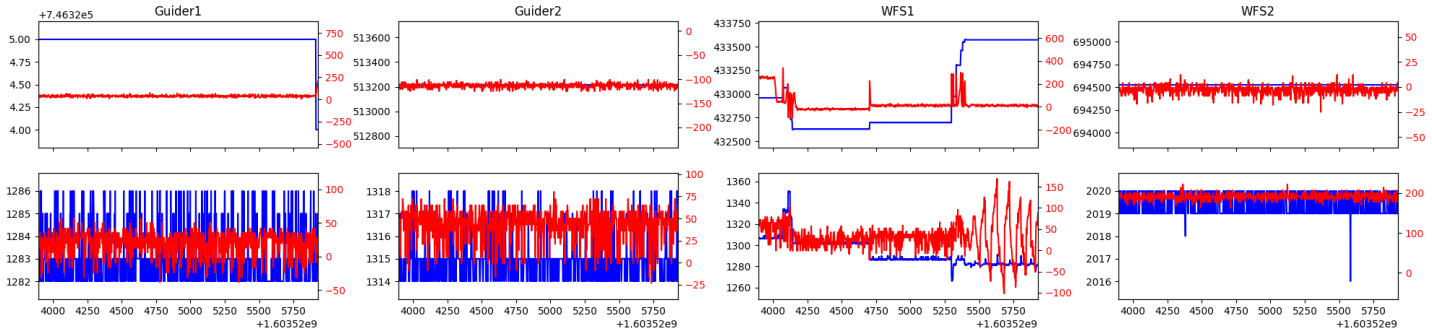
1.7 812

Trajectory 812 for desired Azimuth 148.476081 was loaded at 07:06:00.72. The go_next command was sent at 07:06:07.833 and took 43.530 seconds to complete. The setup took 102.72 seconds at an actual azimuth of 148.479861 The trajectory was cancelled at 07:16:35.75. The trajectory was stopped at 07:16:41.13 with the message "Reached end of track.".



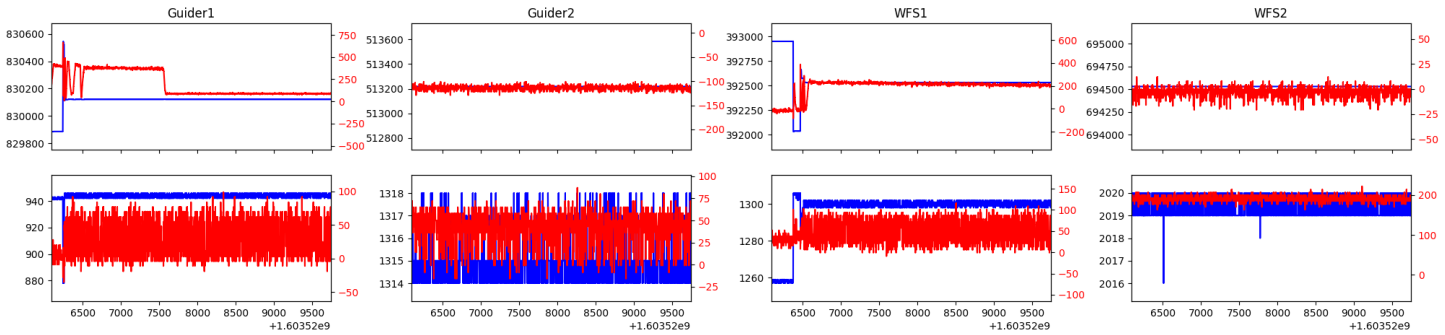
1.8 922

Trajectory 922 for desired Azimuth 215.9284 was loaded at 07:16:41.47. The go_next command was sent at 07:16:43.659 and took 174.427 seconds to complete. The setup took 141.40 seconds at an actual azimuth of 215.930423 The trajectory was cancelled at 07:52:06.94. The trajectory was stopped at 07:52:11.84 with the message "Reached end of track.".



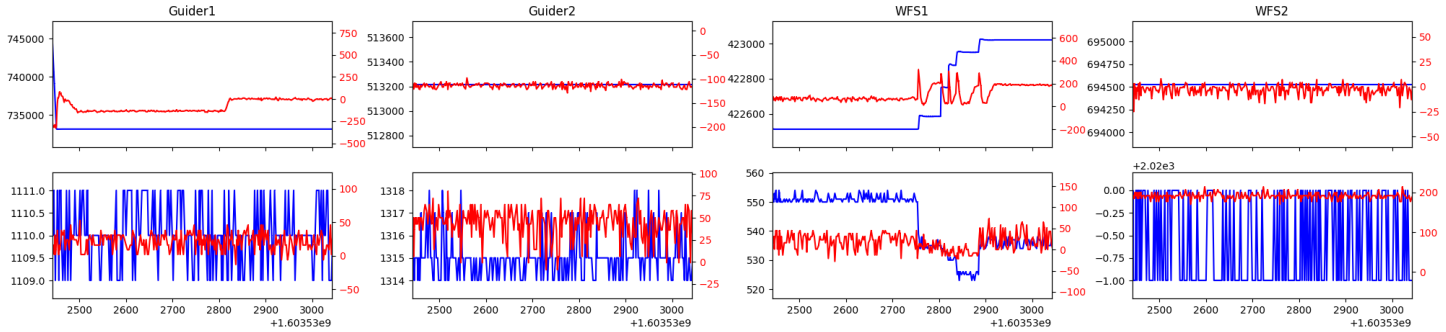
1.9 444

Trajectory 444 for desired Azimuth 220.565243 was loaded at 07:52:13.69. The go_next command was sent at 07:52:20.760 and took 143.895 seconds to complete. The setup took 325.66 seconds at an actual azimuth of 220.568045 The trajectory was stopped at 08:55:45.88 with the message "Reached end of track.".



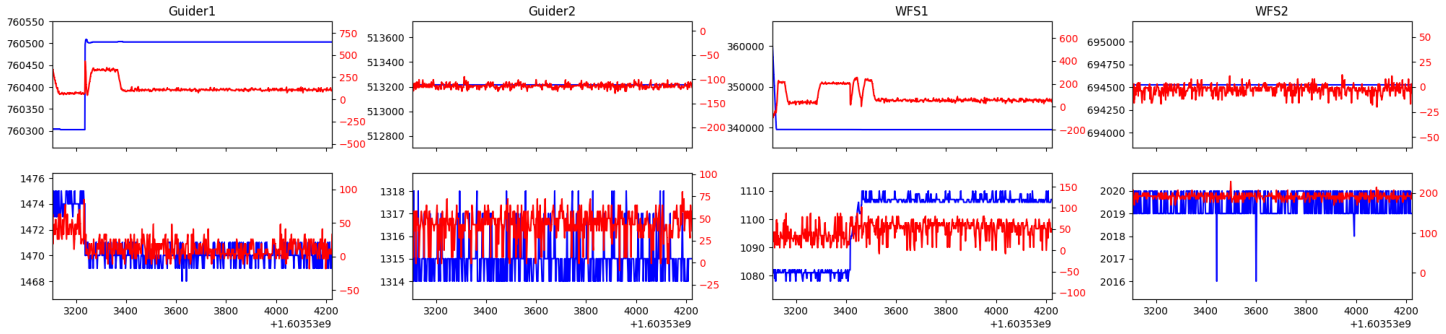
1.10 52

Trajectory 52 for desired Azimuth 211.623979 was loaded at 09:39:29.83. The go_next command was sent at 09:39:36.959 and took 152.923 seconds to complete. The setup took 121.89 seconds at an actual azimuth of 211.629254 The trajectory was cancelled at 09:50:42.12. The trajectory was stopped at 09:50:47.91 with the message "Reached end of track.".



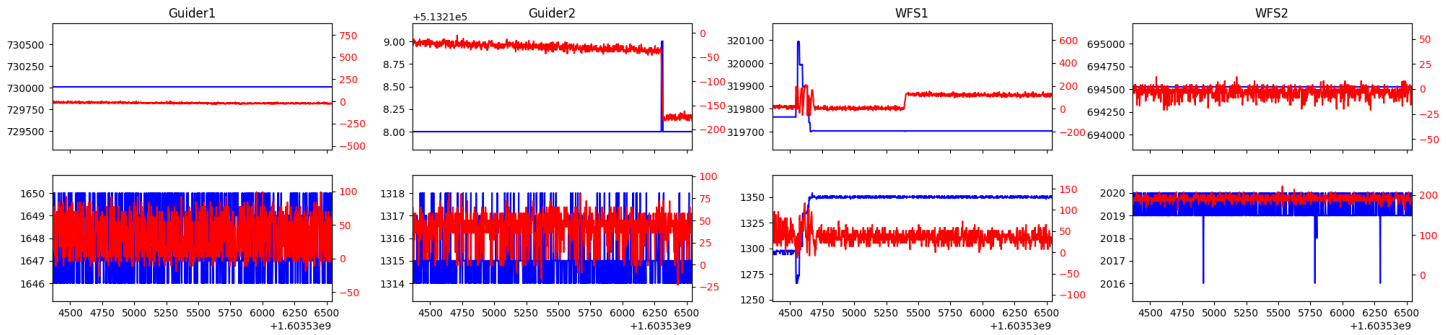
1.11 178

Trajectory 178 for desired Azimuth 268.757656 was loaded at 09:50:49.79. The go_next command was sent at 09:50:57.062 and took 93.977 seconds to complete. The setup took 99.46 seconds at an actual azimuth of 268.759091 The trajectory was cancelled at 10:10:22.94. The trajectory was stopped at 10:10:28.38 with the message "Reached end of track.".



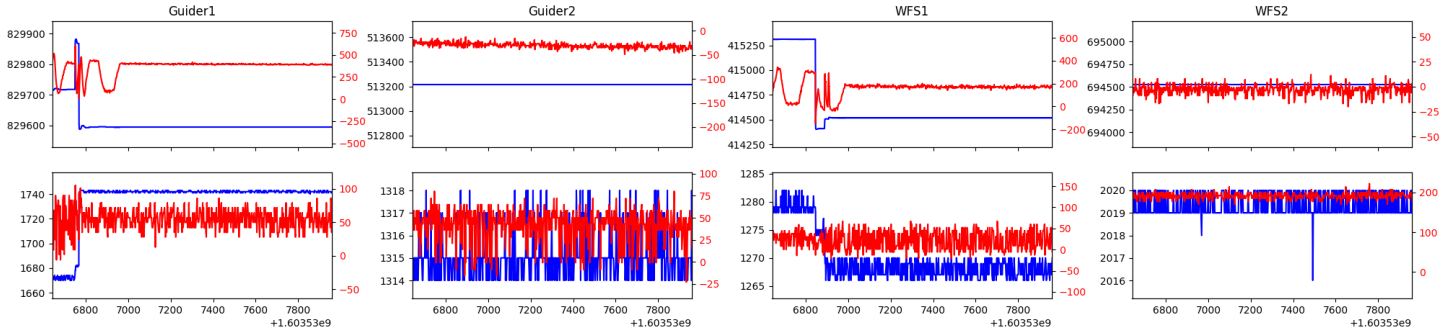
1.12 160

Trajectory 160 for desired Azimuth 246.13455 was loaded at 10:10:30.17. The go_next command was sent at 10:10:38.012 and took 122.603 seconds to complete. The setup took 109.26 seconds at an actual azimuth of 246.140607 The trajectory was cancelled at 10:49:01.58. The trajectory was stopped at 10:49:06.72 with the message "Reached end of track.".



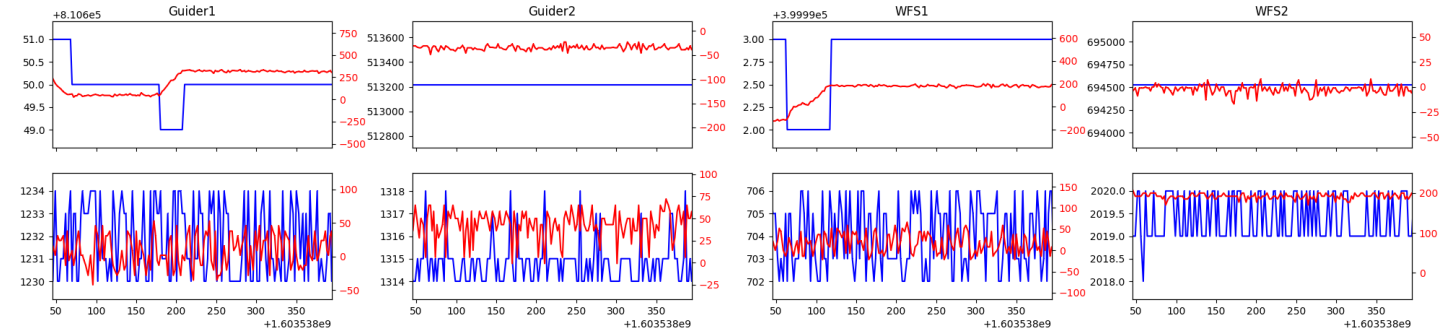
1.13 61

Trajectory 61 for desired Azimuth 265.933223 was loaded at 10:49:08.59. The go_next command was sent at 10:49:15.721 and took 86.307 seconds to complete. The setup took 228.07 seconds at an actual azimuth of 265.935219 The trajectory was cancelled at 11:12:38.91. The trajectory was stopped at 11:12:43.75 with the message "Reached end of track.".



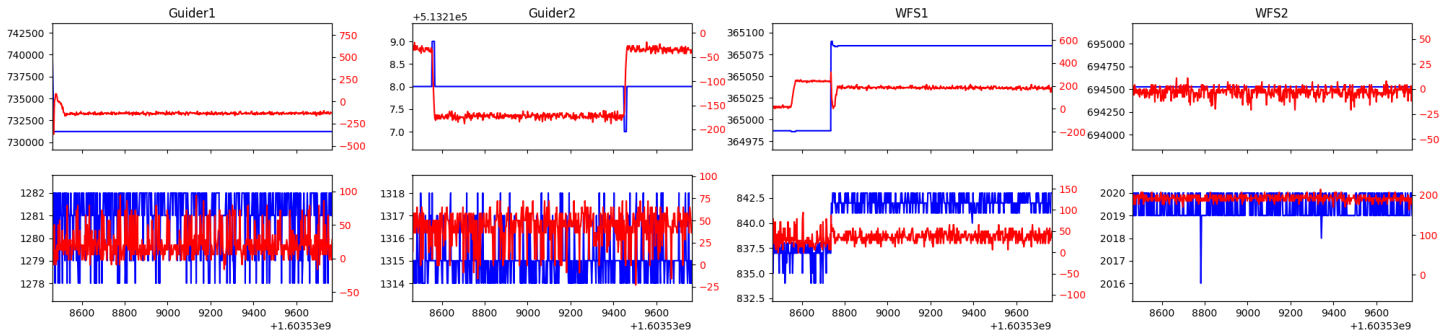
1.14 107

Trajectory 107 for desired Azimuth 237.18374 was loaded at 11:12:45.56. The go_next command was sent at 11:12:52.711 and took 78.861 seconds to complete. The setup took 109.00 seconds at an actual azimuth of 237.186516 The trajectory was cancelled at 11:19:54.39. The trajectory was stopped at 11:19:59.39 with the message "Reached end of track.".



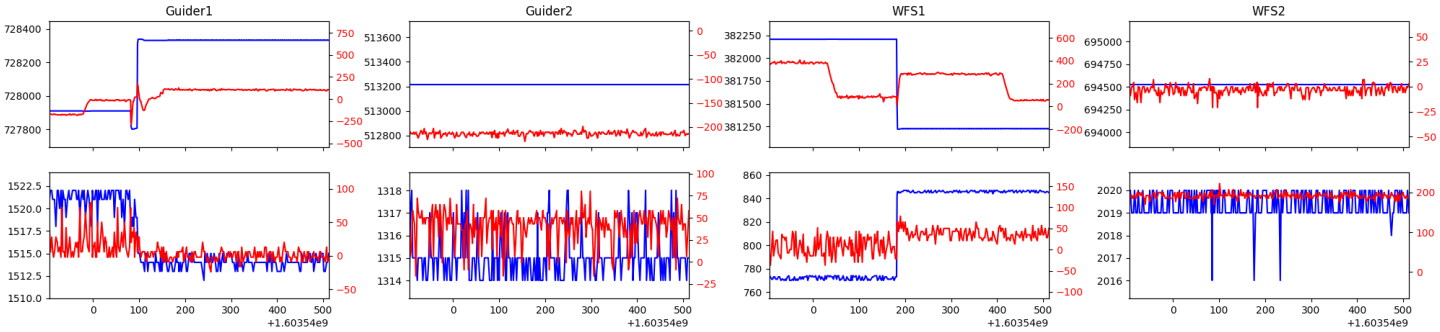
1.15 367

Trajectory 367 for desired Azimuth 115.94399 was loaded at 11:20:01.16. The go_next command was sent at 11:20:08.240 and took 138.809 seconds to complete. The setup took 162.68 seconds at an actual azimuth of 115.947505 The trajectory was cancelled at 11:42:46.24. The trajectory was stopped at 11:42:51.33 with the message "Reached end of track.".



1.16 486

Trajectory 486 for desired Azimuth 92.000996 was loaded at 11:42:53.08. The go_next command was sent at 11:43:00.117 and took 193.975 seconds to complete. The setup took 240.86 seconds at an actual azimuth of 92.003604 The trajectory was cancelled at 11:55:12.50. The trajectory was stopped at 11:55:17.75 with the message "Reached end of track.".


Guider1
Guider2
WFS1
WFS2
+1.60354e9
+1.60354e9
+1.60354e9
+1.60354e9

2 Spectrographs

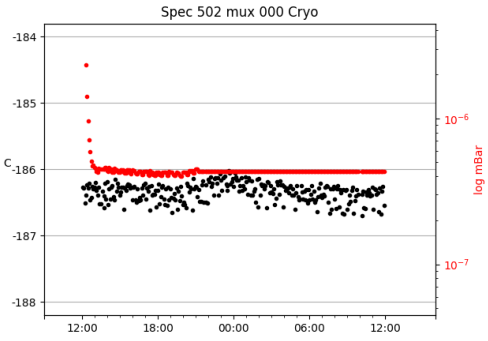
2.1 Legend

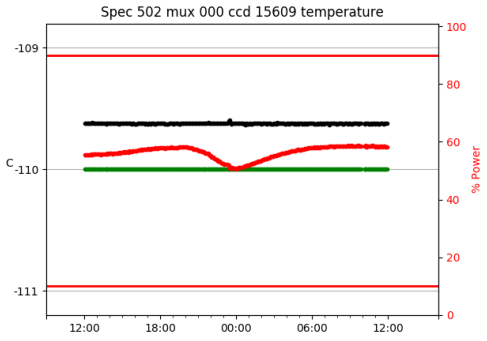
For the Spectrograph Cryo plots the Black point are the cryo temperature reading and the Red points are the cryo pressure in Torr on a log scale with the scale on the right hand vertical axis.

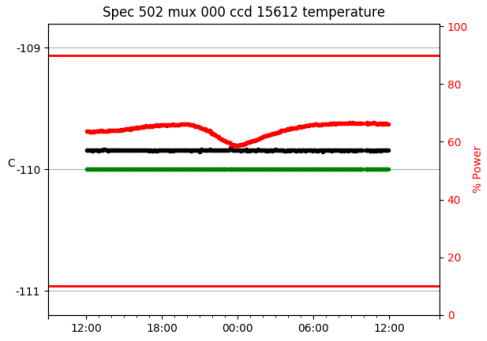
For all Spectrograph Temperature plots, the Black points are the ccd temperature reading, the Green points are the ccd set point, and the Red points are the percentage heater power with the scale on the right hand vertical axis. The two straight Red lines are the 5% and 95% power levels for the heater.

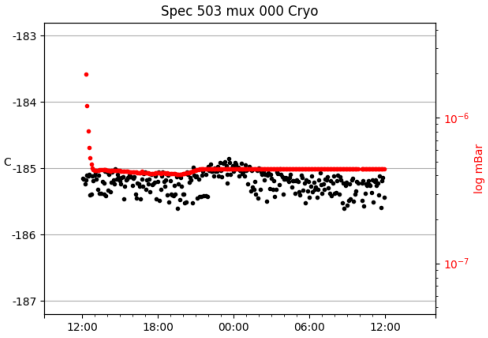
2.2 lrs2

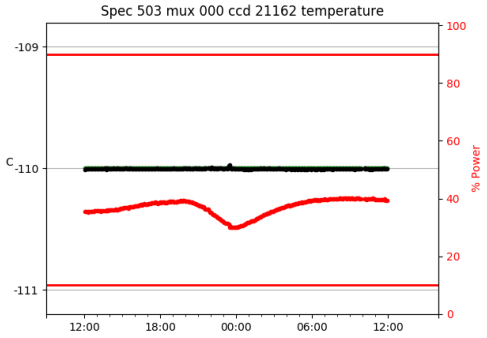
lrs2 uptime: 39:57:34 (hh:mm:ss)

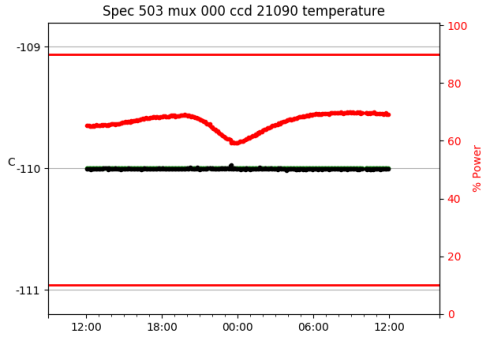






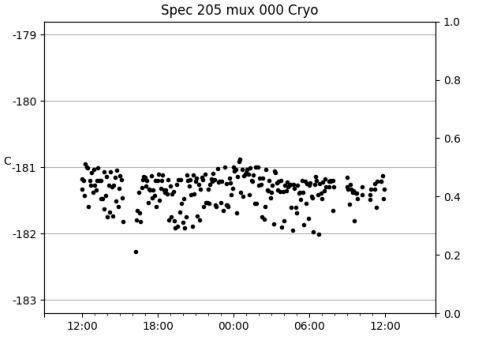


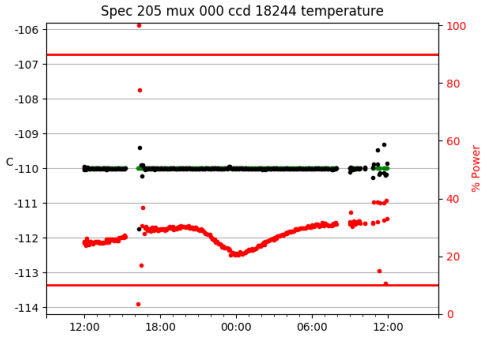


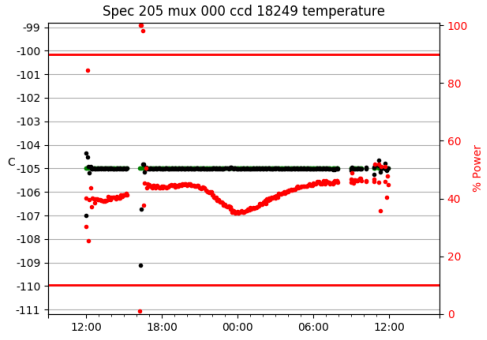


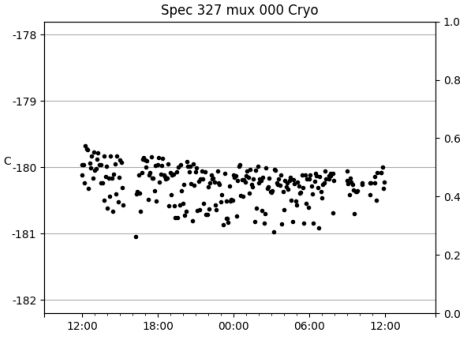
2.3 virus

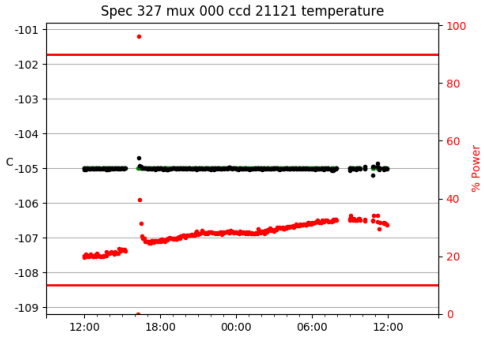
virus uptime: 21:33:50 (hh:mm:ss)

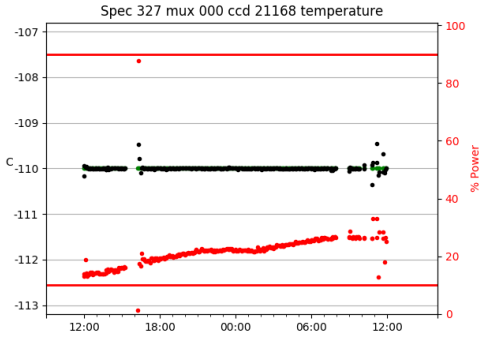







Spec 327 mux 000 Cryo
C
-178
-179
-180
-181
-182
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 327 mux 000 ccd 21121 temperature
C
% Power
-101
-102
-103
-104
-105
-106
-107
-108
-109
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00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C
% Power
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-108
-109
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-111
-112
-113
100
80
60
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20
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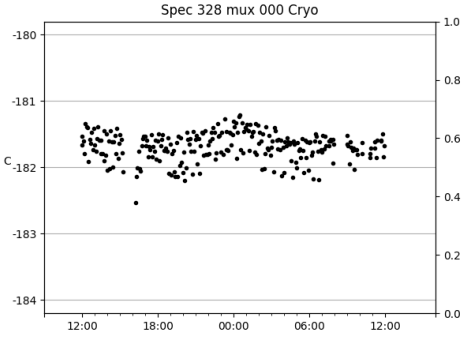
12:00
18:00
00:00
06:00
12:00


Spec 328 mux 000 Cryo
C
-180
-181
-182
-183
-184
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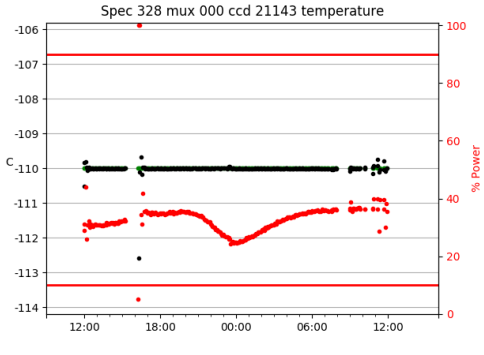
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00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C
% Power
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-108
-109
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-111
-112
-113
-114
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40
20
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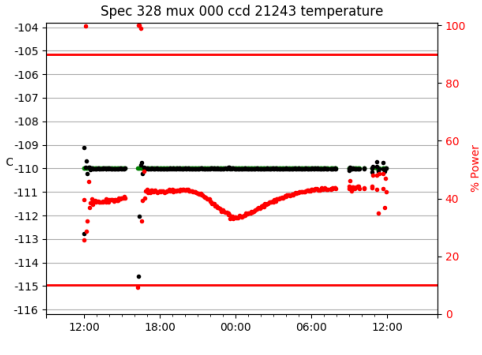
12:00
18:00
00:00
06:00
12:00


Spec 328 mux 000 ccd 21243 temperature
C
% Power
-104
-105
-106
-107
-108
-109
-110
-111
-112
-113
-114
-115
-116
100
80
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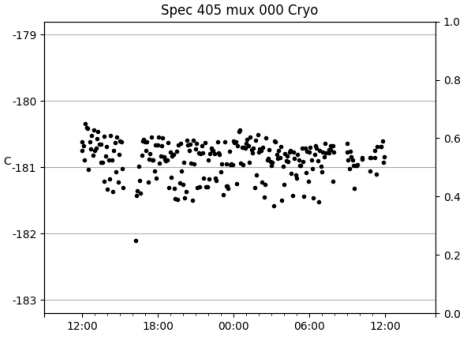
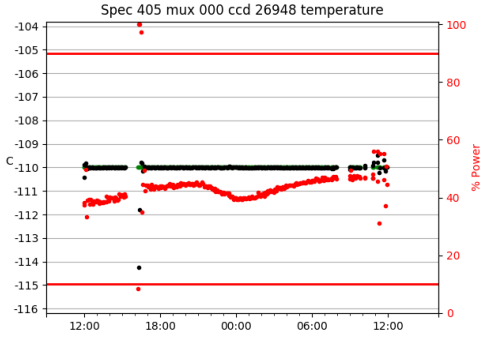
12:00
18:00
00:00
06:00
12:00


Spec 405 mux 000 Cryo
C
-179
-180
-181
-182
-183
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00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C
% Power
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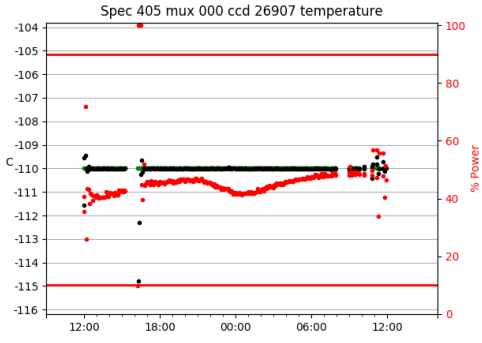
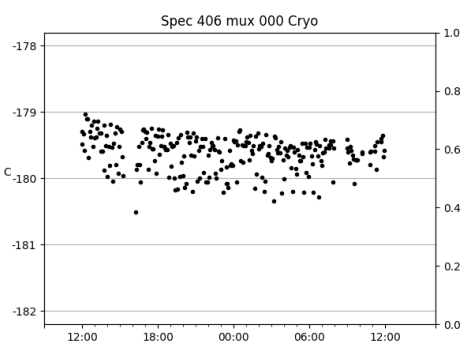
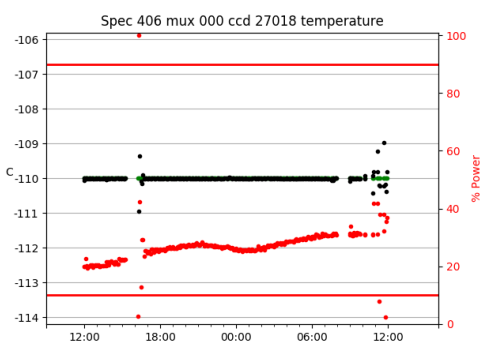
-105
-106
-107
-108
-109
-110
-111
-112
-113
-114
-115
-116
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 405 mux 000 ccd 26907 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 406 mux 000 Cryo
C
-178
-179
-180
-181
-182
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 406 mux 000 ccd 27018 temperature
C
% Power
-106
-107
-108
-109
-110
-111
-112
-113
-114
100
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60
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20
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12:00
18:00
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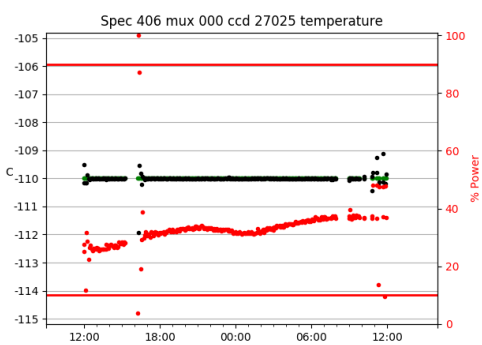
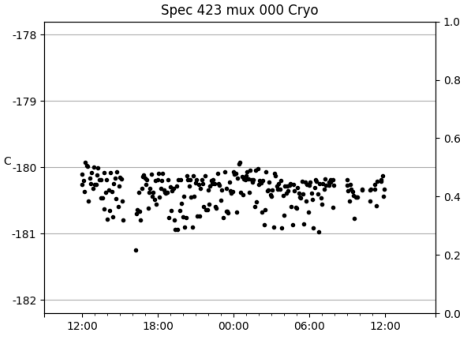
06:00
12:00


Spec 406 mux 000 ccd 27025 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 423 mux 000 Cryo
C
12:00
18:00
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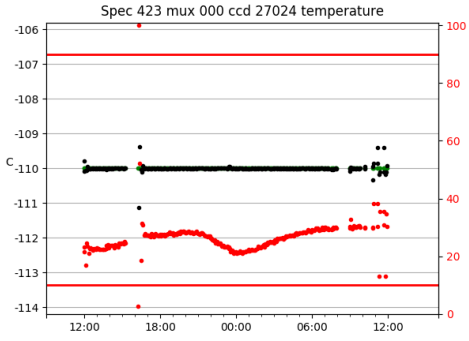
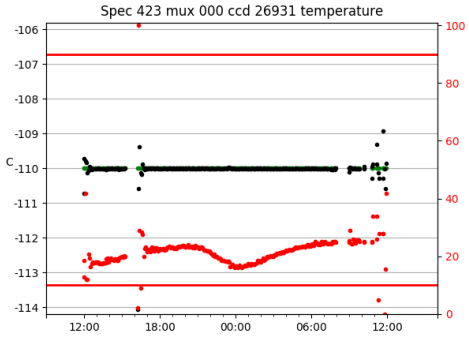
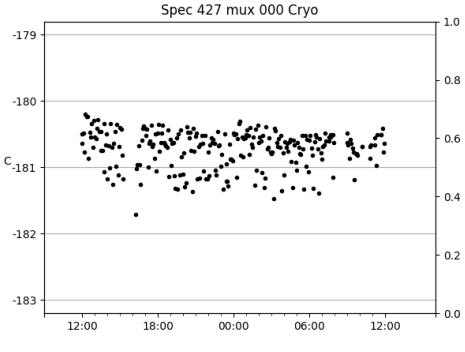
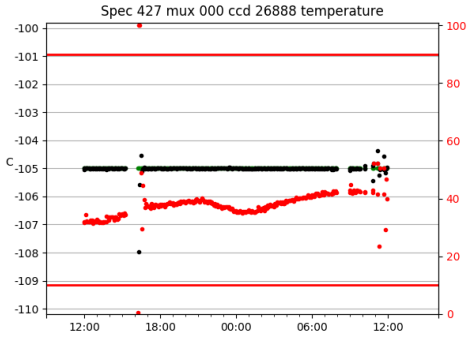
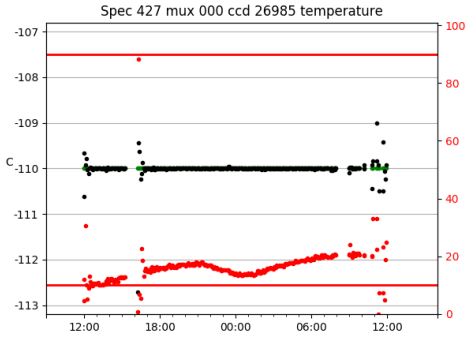
06:00
12:00

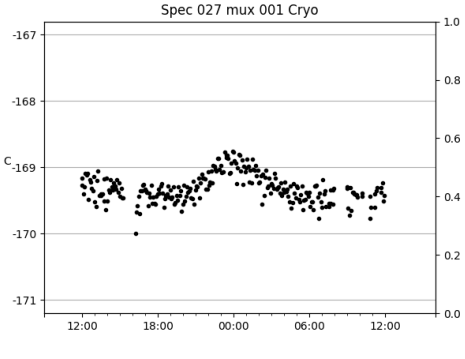

Spec 423 mux 000 ccd 27024 temperature
C
% Power
12:00
18:00
00:00
06:00
12:00

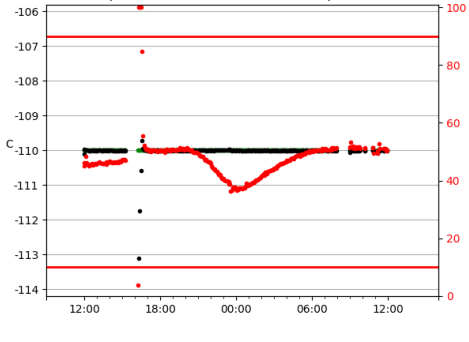

Spec 423 mux 000 ccd 26931 temperature
C
% Power
12:00
18:00
00:00
06:00
12:00

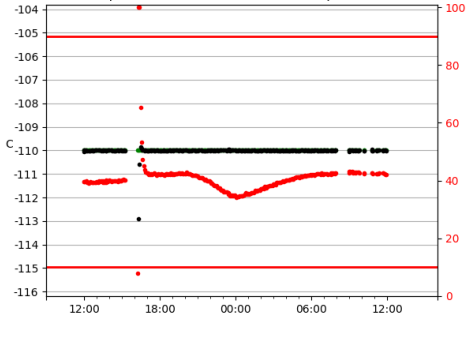

Spec 427 mux 000 Cryo
C
12:00
18:00
00:00
06:00
12:00

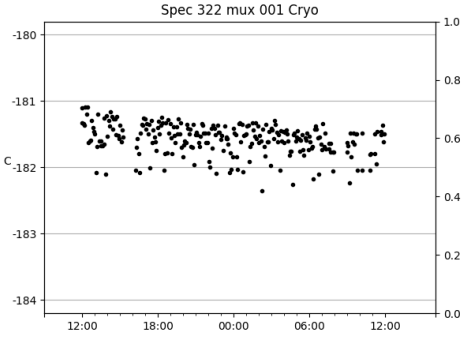

Spec 427 mux 000 ccd 26888 temperature
C
% Power
12:00
18:00
00:00
06:00
12:00

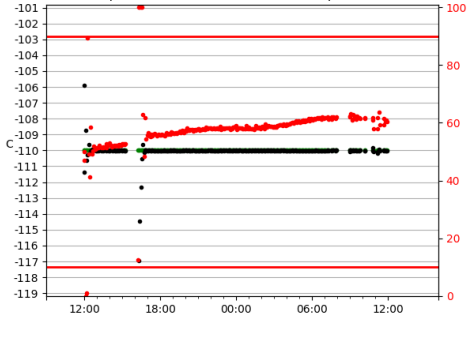

Spec 427 mux 000 ccd 26985 temperature
C
% Power
12:00
18:00
00:00
06:00
12:00

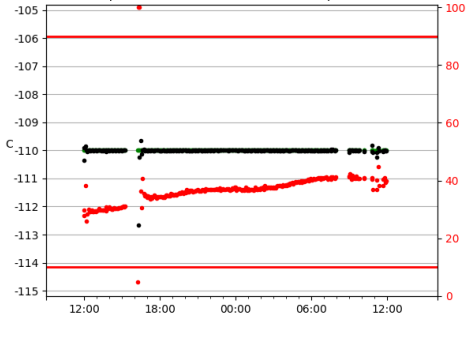

Spec 027 mux 001 Cryo
C
12:00
18:00
00:00
06:00
12:00

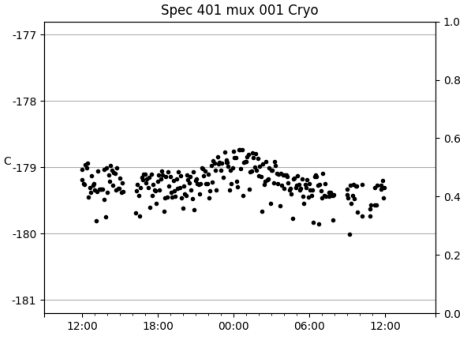

Spec 027 mux 001 ccd 12808 temperature
C
% Power
12:00
18:00
00:00
06:00
12:00

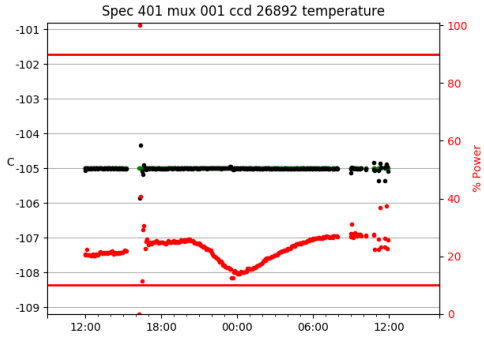

Spec 027 mux 001 ccd 12849 temperature
C
% Power
12:00
18:00
00:00
06:00
12:00

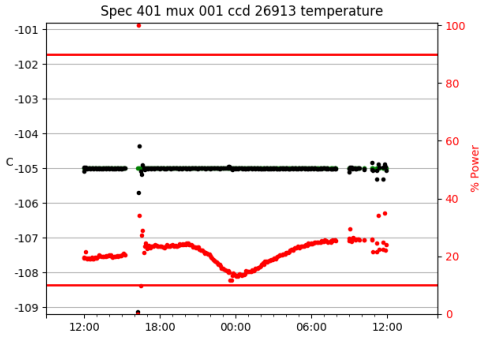

Spec 322 mux 001 Cryo
C
12:00
18:00
00:00
06:00
12:00

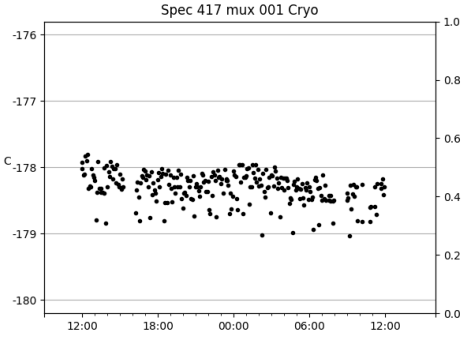

Spec 322 mux 001 ccd 21135 temperature
C
% Power
12:00
18:00
00:00
06:00
12:00

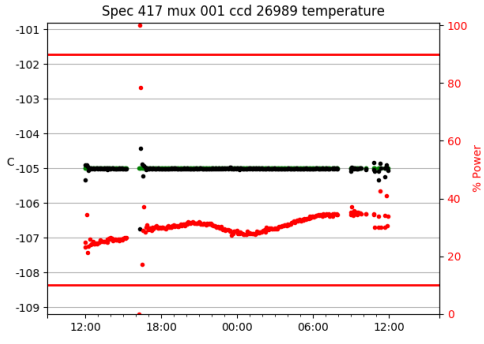

Spec 322 mux 001 ccd 21151 temperature
C
% Power
12:00
18:00
00:00
06:00
12:00

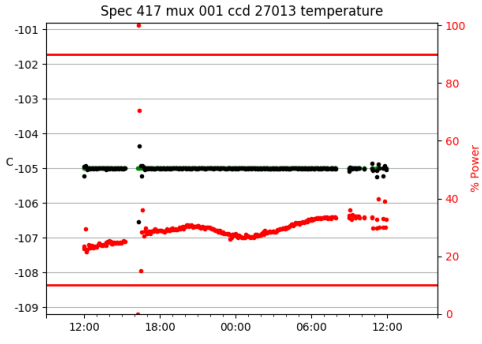

Spec 401 mux 001 Cryo
C
-177
-178
-179
-180
-181
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

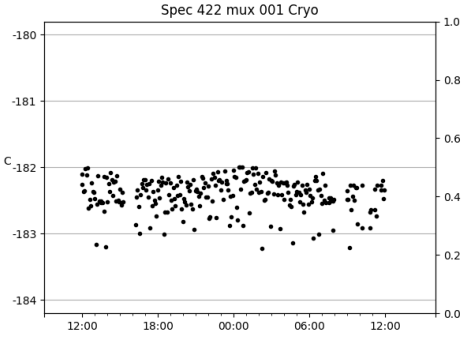

Spec 401 mux 001 ccd 26892 temperature
C
% Power
-101
-102
-103
-104
-105
-106
-107
-108
-109
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

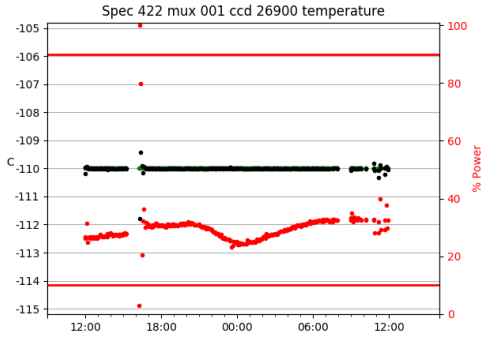

Spec 401 mux 001 ccd 26913 temperature
C
% Power
-101
-102
-103
-104
-105
-106
-107
-108
-109
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

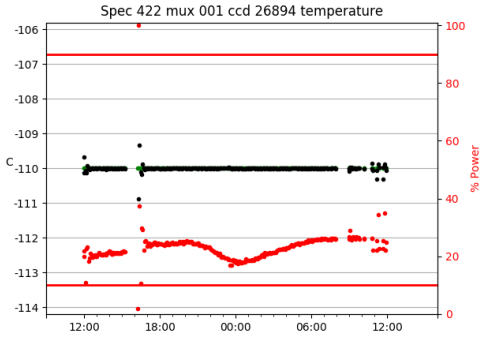

Spec 417 mux 001 Cryo
C
-176
-177
-178
-179
-180
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

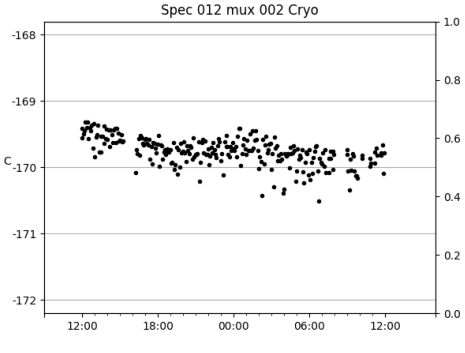

Spec 417 mux 001 ccd 26989 temperature
C
% Power
-101
-102
-103
-104
-105
-106
-107
-108
-109
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

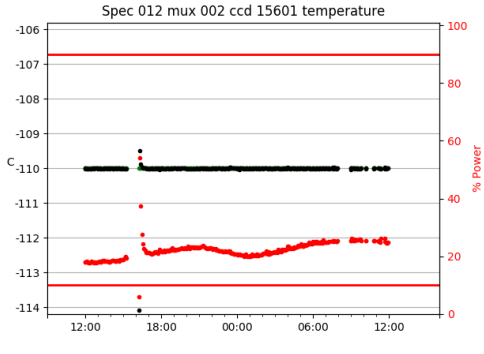

Spec 417 mux 001 ccd 27013 temperature
C
% Power
-101
-102
-103
-104
-105
-106
-107
-108
-109
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

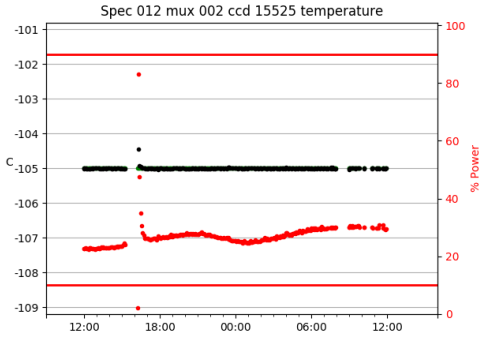

Spec 422 mux 001 Cryo
C
-180
-181
-182
-183
-184
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

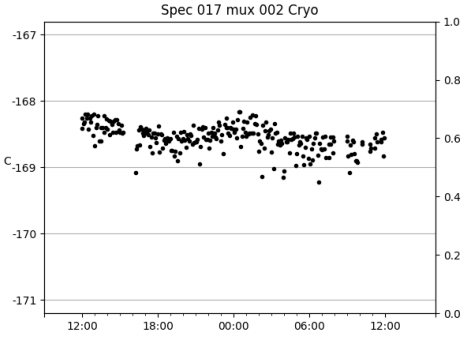

Spec 422 mux 001 ccd 26900 temperature
C
% Power
-105
-106
-107
-108
-109
-110
-111
-112
-113
-114
-115
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

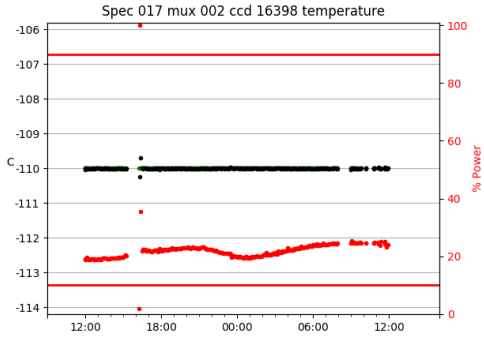

Spec 422 mux 001 ccd 26894 temperature
C
% Power
-106
-107
-108
-109
-110
-111
-112
-113
-114
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

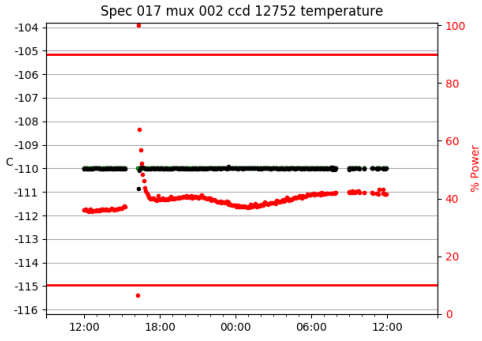

Spec 012 mux 002 Cryo
C
-168
-169
-170
-171
-172
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

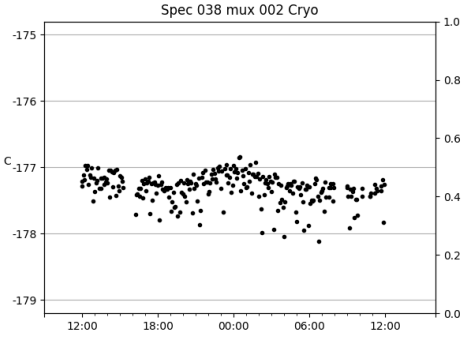

Spec 012 mux 002 ccd 15601 temperature
C
% Power
-106
-107
-108
-109
-110
-111
-112
-113
-114
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

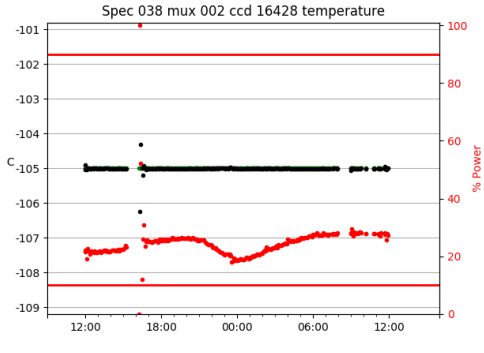

Spec 012 mux 002 ccd 15525 temperature
C
% Power
-101
-102
-103
-104
-105
-106
-107
-108
-109
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

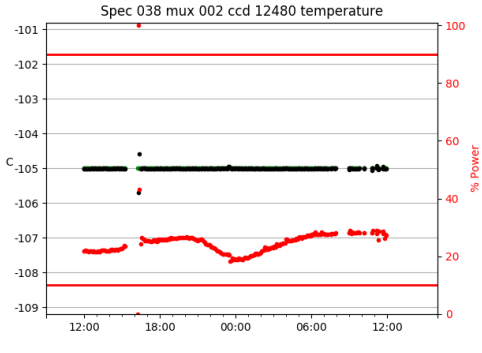

Spec 017 mux 002 Cryo
C
-167
-168
-169
-170
-171
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 017 mux 002 ccd 16398 temperature
C
% Power
-106
-107
-108
-109
-110
-111
-112
-113
-114
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 017 mux 002 ccd 12752 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 038 mux 002 Cryo
C
-175
-176
-177
-178
-179
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 038 mux 002 ccd 16428 temperature
C
% Power
-101
-102
-103
-104
-105
-106
-107
-108
-109
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 038 mux 002 ccd 12480 temperature
C
% Power
-101
-102
-103
-104
-105
-106
-107
-108
-109
100
80
60
40
20
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12:00
18:00
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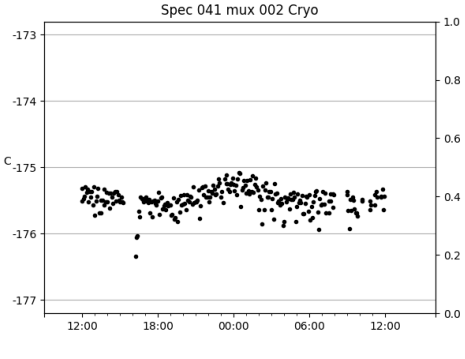
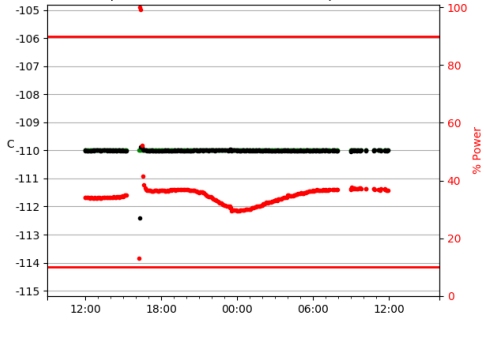
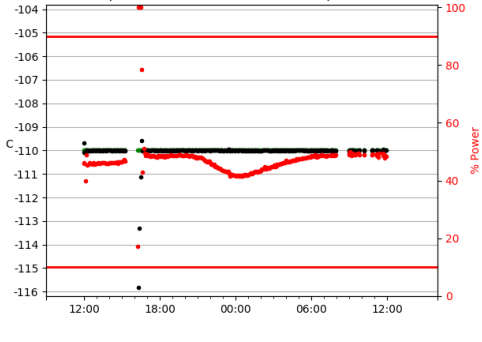
06:00
12:00


Spec 041 mux 002 Cryo
C
-173
-174
-175
-176
-177
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 041 mux 002 ccd 16427 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 041 mux 002 ccd 16451 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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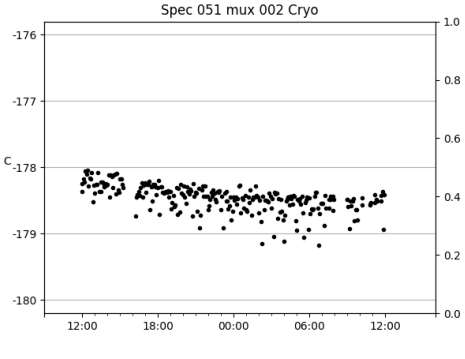
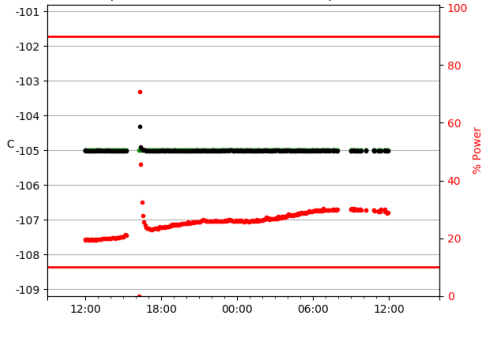
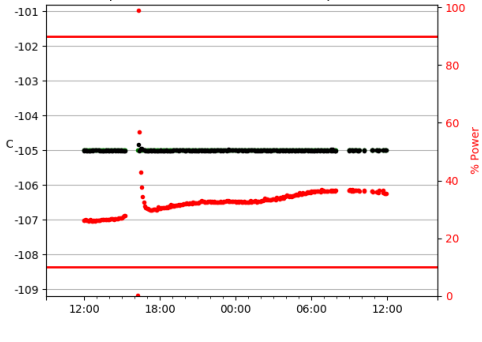
06:00
12:00


Spec 051 mux 002 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 051 mux 002 ccd 16395 temperature
C
% Power
-101
-102
-103
-104
-105
-106
-107
-108
-109
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 051 mux 002 ccd 15534 temperature
C
% Power
-101
-102
-103
-104
-105
-106
-107
-108
-109
100
80
60
40
20
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12:00
18:00
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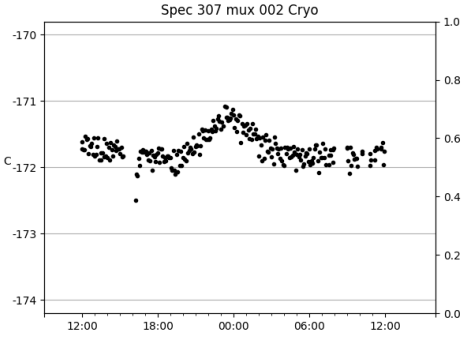
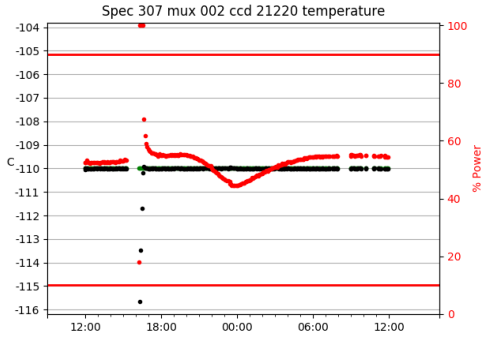
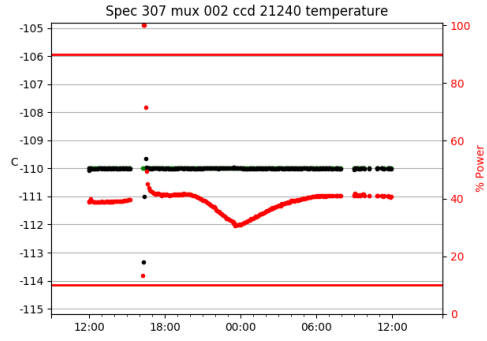
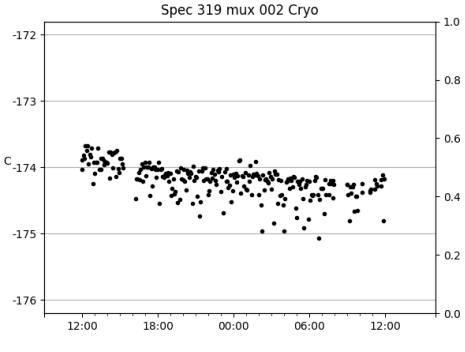
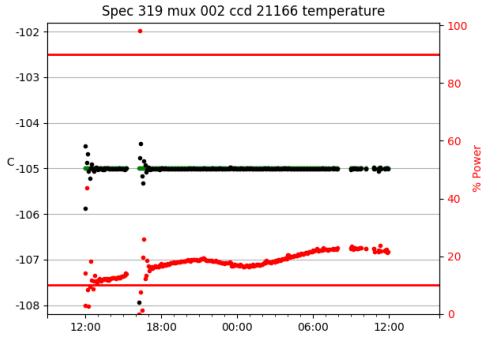
06:00
12:00

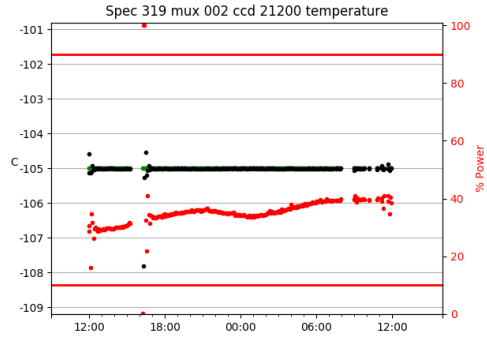

Spec 307 mux 002 Cryo
C
-170
-171
-172
-173
-174
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 307 mux 002 ccd 21220 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 307 mux 002 ccd 21240 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 319 mux 002 Cryo
C
-172
-173
-174
-175
-176
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 319 mux 002 ccd 21166 temperature
C
% Power
-102
-103
-104
-105
-106
-107
-108
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 319 mux 002 ccd 21200 temperature
C
% Power
-101
-102
-103
-104
-105
-106
-107
-108
-109
100
80
60
40
20
0
12:00
18:00
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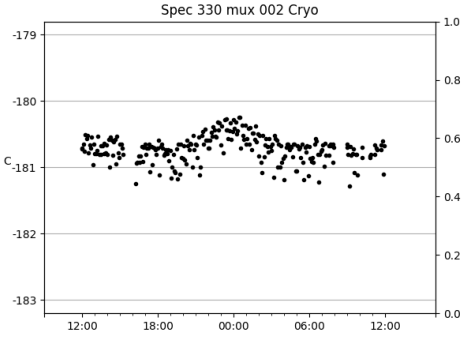
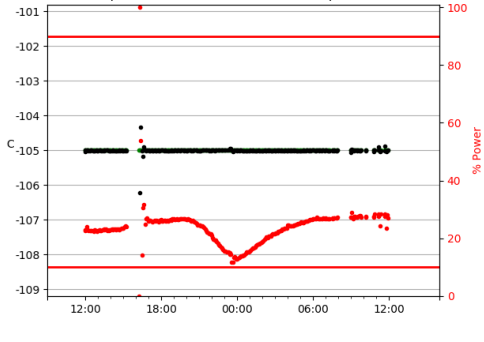
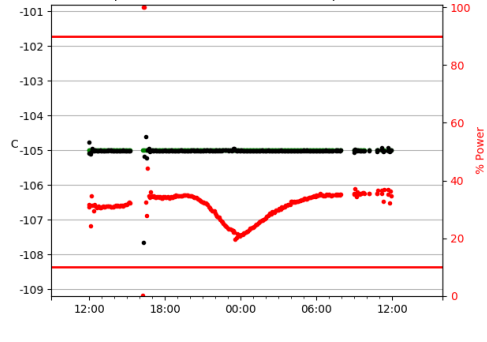
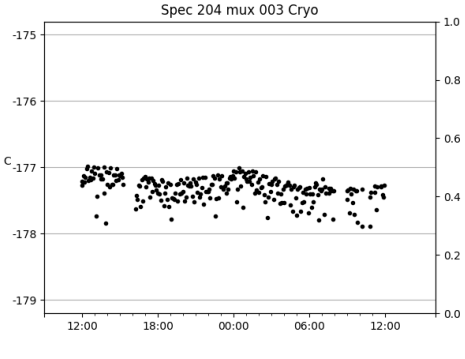
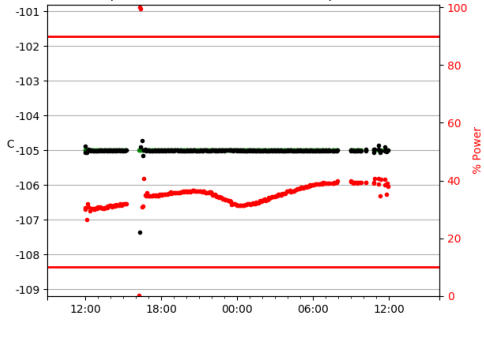
06:00
12:00

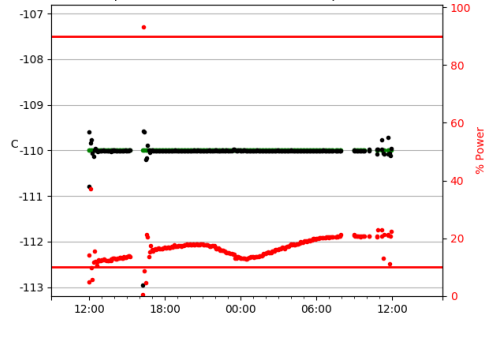

Spec 330 mux 002 Cryo
C
-179
-180
-181
-182
-183
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

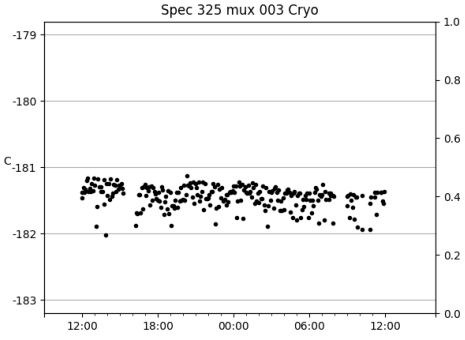

Spec 330 mux 002 ccd 21223 temperature
C
% Power
-101
-102
-103
-104
-105
-106
-107
-108
-109
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

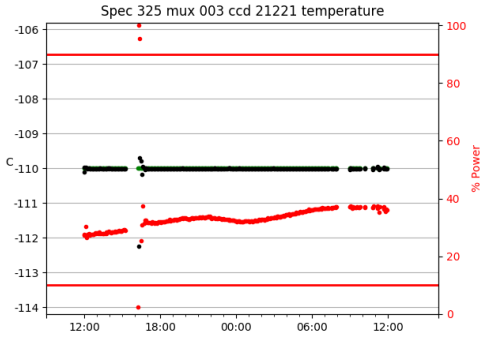

Spec 330 mux 002 ccd 21224 temperature
C
% Power
-101
-102
-103
-104
-105
-106
-107
-108
-109
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

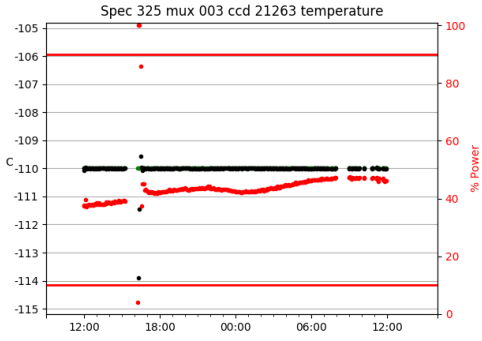

Spec 204 mux 003 Cryo
C
-175
-176
-177
-178
-179
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

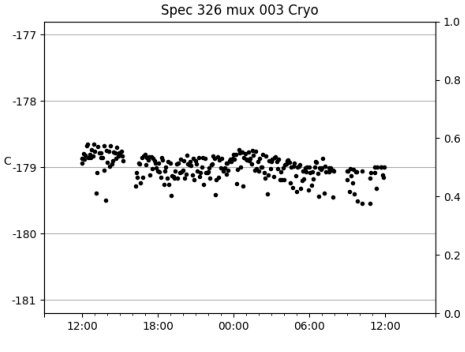

Spec 204 mux 003 ccd 18181 temperature
C
% Power
-101
-102
-103
-104
-105
-106
-107
-108
-109
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

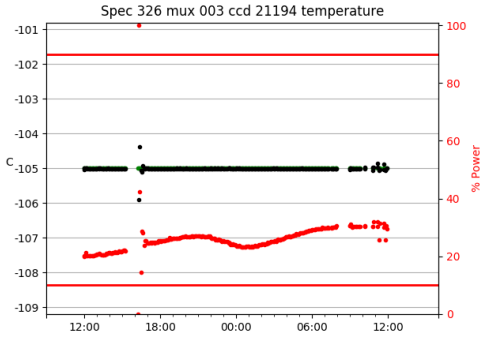

Spec 204 mux 003 ccd 18264 temperature
C
% Power
-107
-108
-109
-110
-111
-112
-113
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

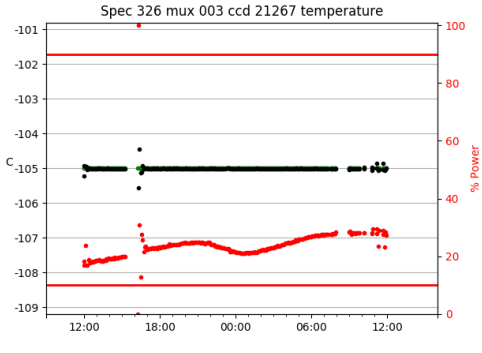

Spec 325 mux 003 Cryo
C
-179
-180
-181
-182
-183
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

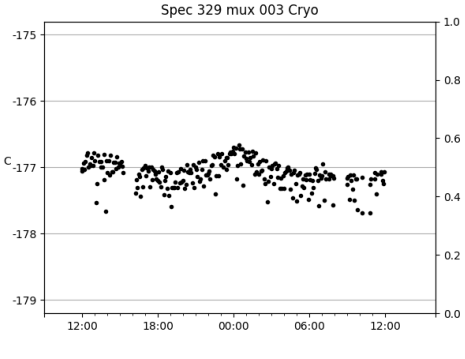

Spec 325 mux 003 ccd 21221 temperature
C
% Power
-106
-107
-108
-109
-110
-111
-112
-113
-114
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

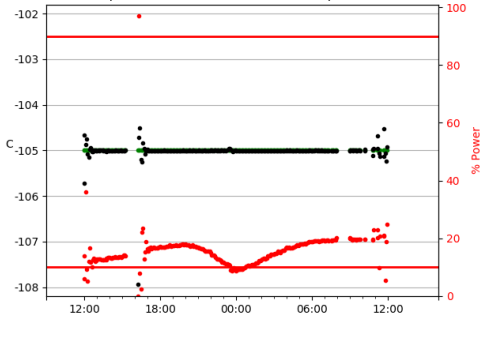

Spec 325 mux 003 ccd 21263 temperature
C
% Power
-105
-106
-107
-108
-109
-110
-111
-112
-113
-114
-115
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

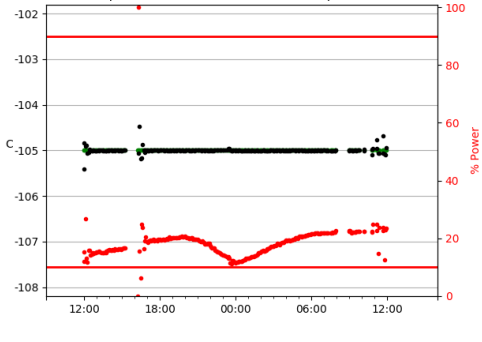

Spec 326 mux 003 Cryo
C
-177
-178
-179
-180
-181
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 326 mux 003 ccd 21194 temperature
C
% Power
-101
-102
-103
-104
-105
-106
-107
-108
-109
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 326 mux 003 ccd 21267 temperature
C
% Power
-101
-102
-103
-104
-105
-106
-107
-108
-109
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


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


Spec 329 mux 003 ccd 21173 temperature
C
% Power
-102
-103
-104
-105
-106
-107
-108
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 329 mux 003 ccd 21203 temperature
C
% Power
-102
-103
-104
-105
-106
-107
-108
100
80
60
40
20
0
12:00
18:00
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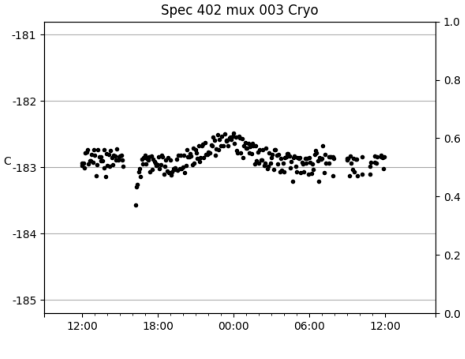
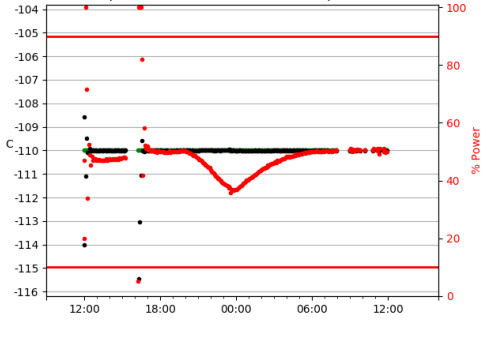
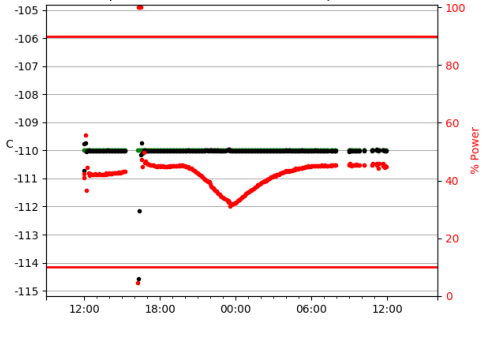
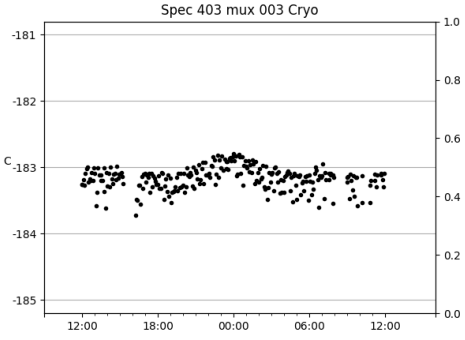
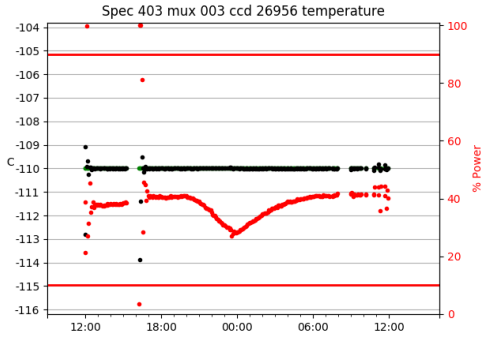
06:00
12:00


Spec 402 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 402 mux 003 ccd 26856 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 402 mux 003 ccd 26928 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 403 mux 003 Cryo
C
-181
-182
-183
-184
-185
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 403 mux 003 ccd 26956 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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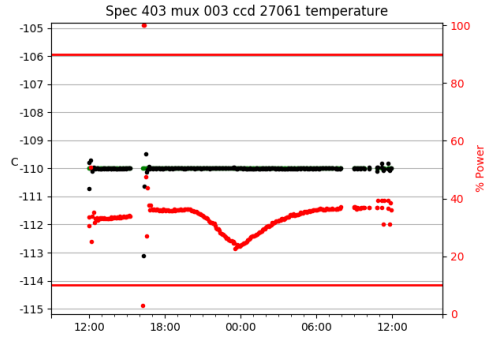
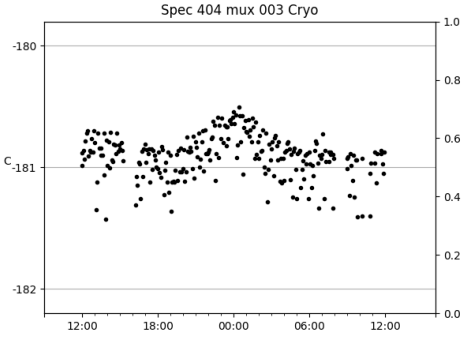
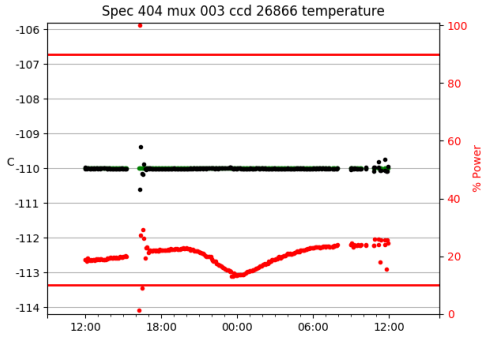
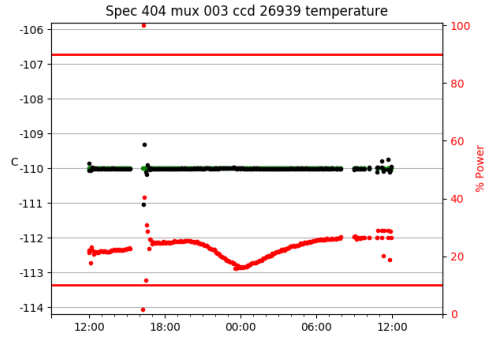
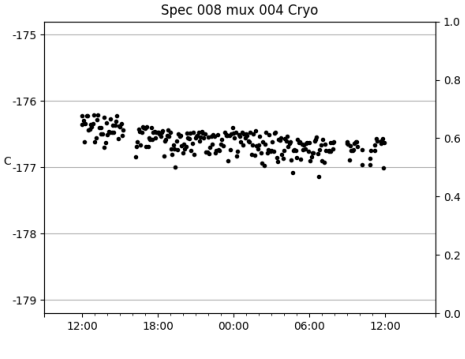
06:00
12:00

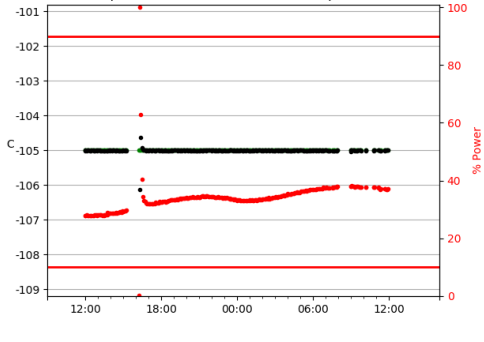

Spec 403 mux 003 ccd 27061 temperature
C
% Power
-105
-106
-107
-108
-109
-110
-111
-112
-113
-114
-115
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

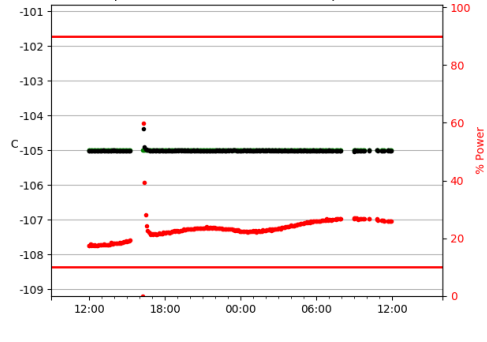

Spec 404 mux 003 Cryo
C
-180
-181
-182
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

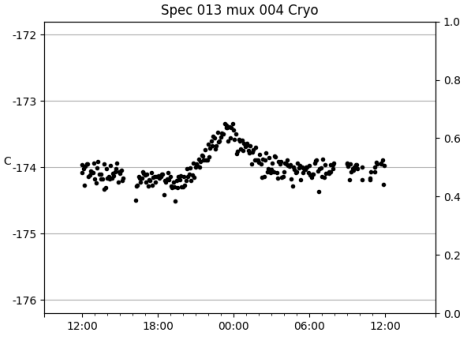

Spec 404 mux 003 ccd 26866 temperature
C
% Power
-106
-107
-108
-109
-110
-111
-112
-113
-114
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 404 mux 003 ccd 26939 temperature
C
% Power
-106
-107
-108
-109
-110
-111
-112
-113
-114
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 008 mux 004 Cryo
C
-175
-176
-177
-178
-179
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 008 mux 004 ccd 12827 temperature
C
% Power
-101
-102
-103
-104
-105
-106
-107
-108
-109
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 008 mux 004 ccd 12828 temperature
C
% Power
-101
-102
-103
-104
-105
-106
-107
-108
-109
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


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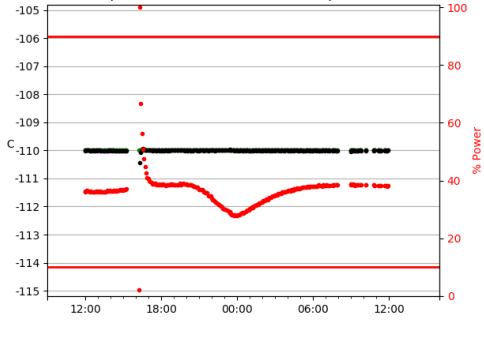
12:00


Spec 013 mux 004 ccd 12759 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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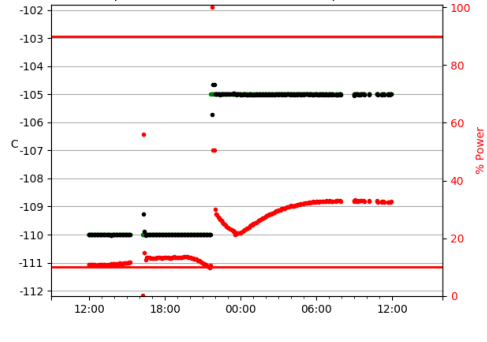
Spec 013 mux 004 ccd 12772 temperature
C
% Power
-102
-103
-104
-105
-106
-107
-108
-109
-110
-111
-112
100
80
60
40
20
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12:00
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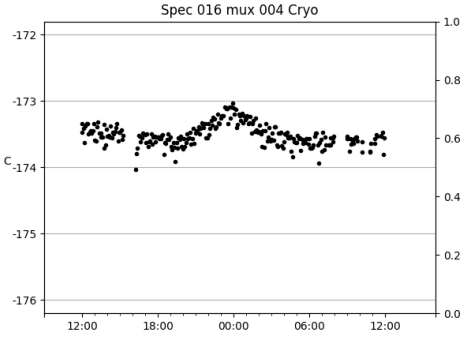
Spec 016 mux 004 Cryo
C
-172
-173
-174
-175
-176
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
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06:00
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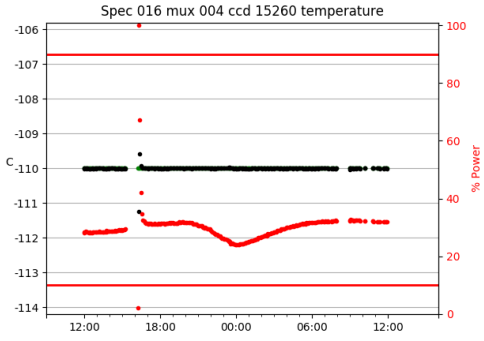
Spec 016 mux 004 ccd 15260 temperature
C
% Power
-106
-107
-108
-109
-110
-111
-112
-113
-114
100
80
60
40
20
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12:00
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06:00
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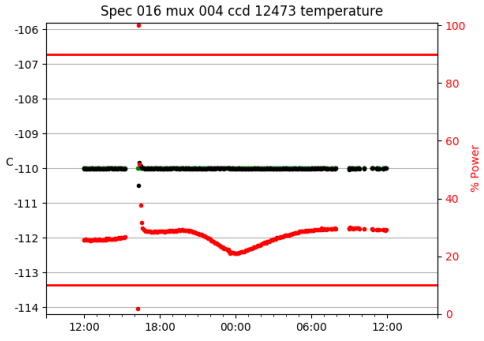
Spec 016 mux 004 ccd 12473 temperature
C
% Power
-106
-107
-108
-109
-110
-111
-112
-113
-114
100
80
60
40
20
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12:00
18:00
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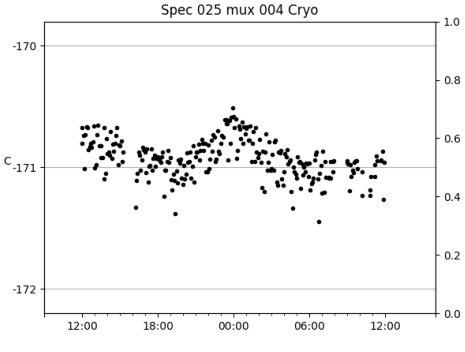
06:00
12:00


Spec 025 mux 004 Cryo
C
-170
-171
-172
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
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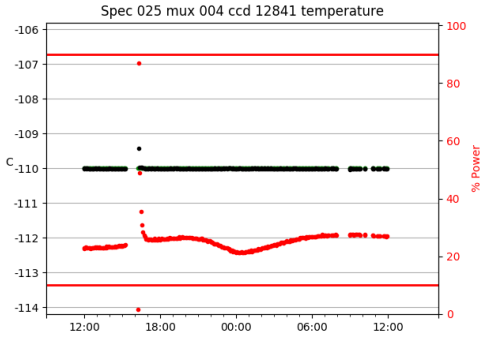
06:00
12:00


Spec 025 mux 004 ccd 12841 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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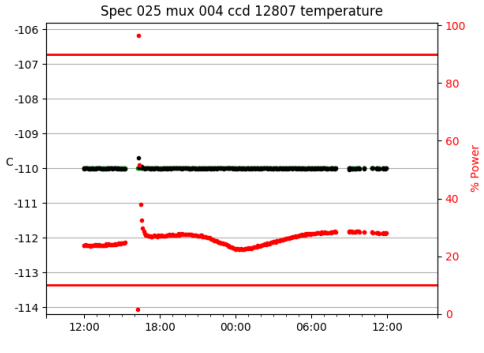
06:00
12:00


Spec 025 mux 004 ccd 12807 temperature
C
% Power
-106
-107
-108
-109
-110
-111
-112
-113
-114
100
80
60
40
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12:00
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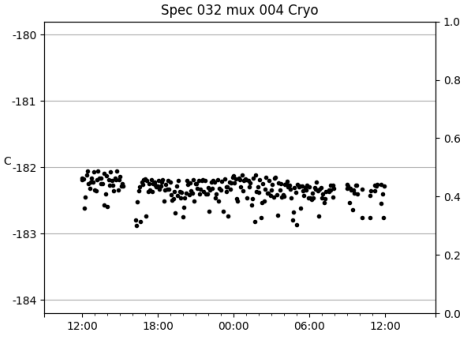
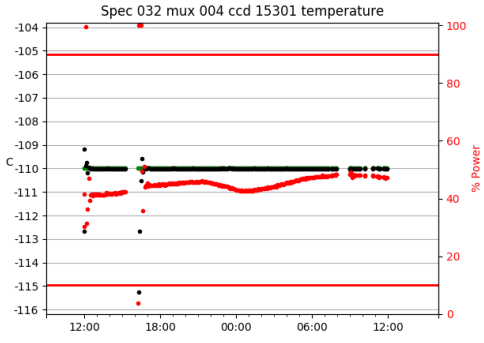

Spec 032 mux 004 Cryo
C
-180
-181
-182
-183
-184
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 032 mux 004 ccd 15301 temperature
C
% 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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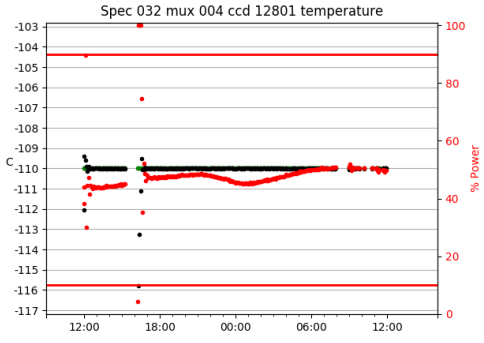
06:00
12:00


Spec 032 mux 004 ccd 12801 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
20
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12:00
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06:00
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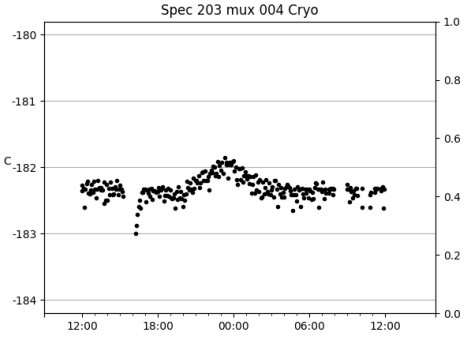
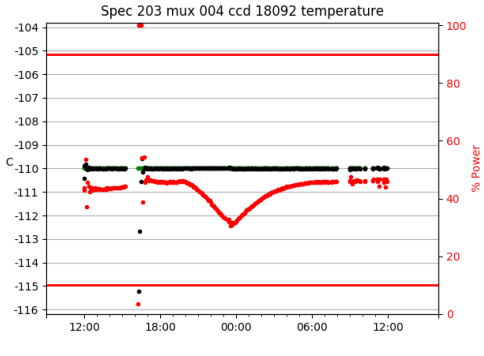

Spec 203 mux 004 Cryo
C
-180
-181
-182
-183
-184
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


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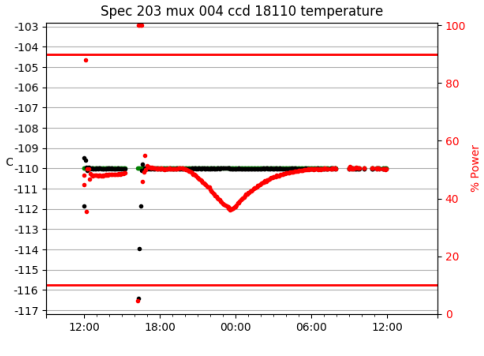
06:00
12:00


Spec 203 mux 004 ccd 18110 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
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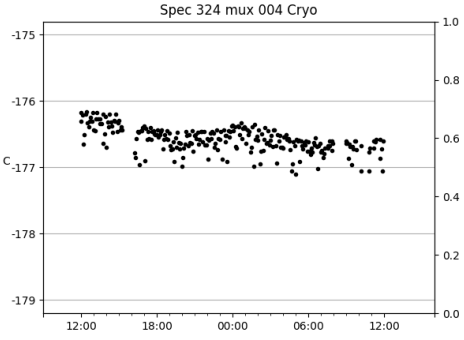
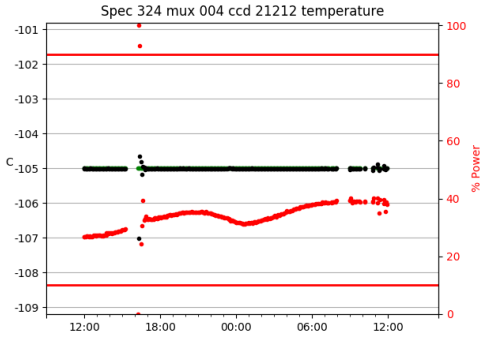
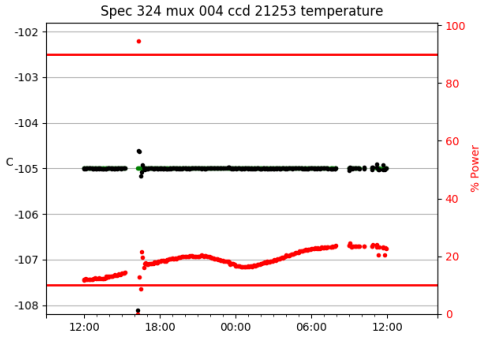
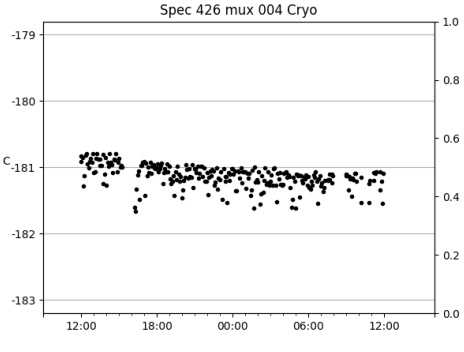
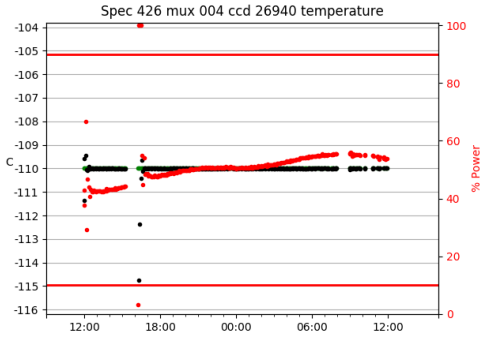
06:00
12:00

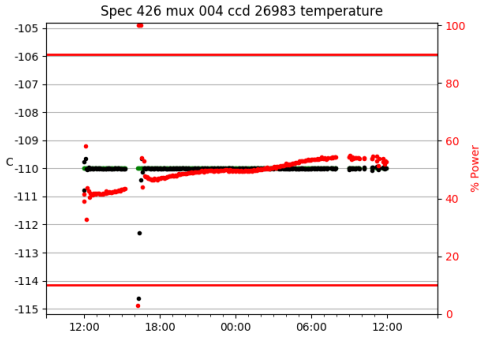

Spec 324 mux 004 Cryo
C
12:00
18:00
00:00
06:00
12:00

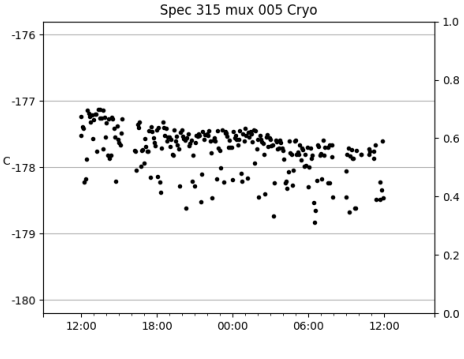

Spec 324 mux 004 ccd 21212 temperature
C
% Power
12:00
18:00
00:00
06:00
12:00

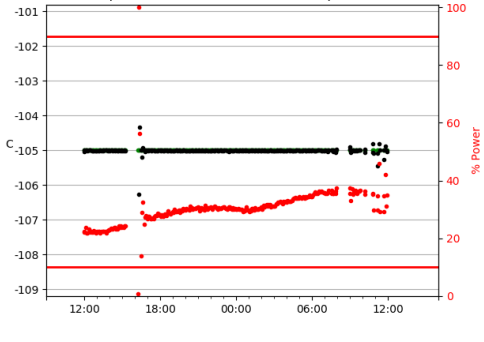

Spec 324 mux 004 ccd 21253 temperature
C
% Power
12:00
18:00
00:00
06:00
12:00

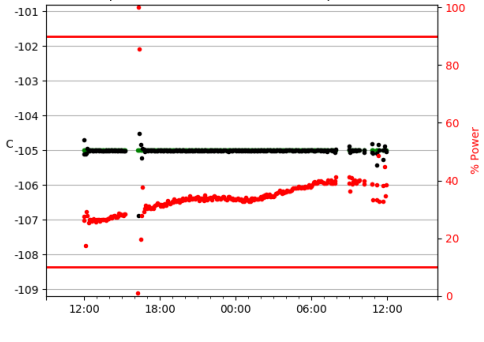

Spec 426 mux 004 Cryo
C
12:00
18:00
00:00
06:00
12:00

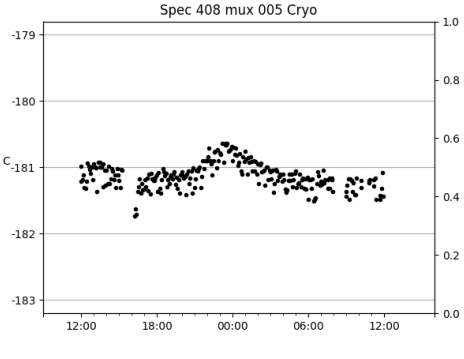

Spec 426 mux 004 ccd 26940 temperature
C
% Power
12:00
18:00
00:00
06:00
12:00

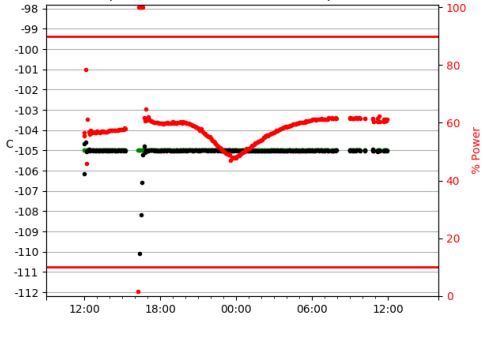

Spec 426 mux 004 ccd 26983 temperature
C
% Power
12:00
18:00
00:00
06:00
12:00


Spec 315 mux 005 Cryo
C
12:00
18:00
00:00
06:00
12:00


Spec 315 mux 005 ccd 21176 temperature
C
% Power
12:00
18:00
00:00
06:00
12:00


Spec 315 mux 005 ccd 21177 temperature
C
% Power
12:00
18:00
00:00
06:00
12:00


Spec 408 mux 005 Cryo
C
12:00
18:00
00:00
06:00
12:00


Spec 408 mux 005 ccd 26915 temperature
C
% Power
12:00
18:00
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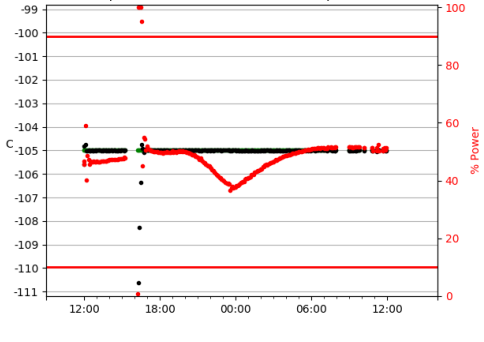
06:00
12:00


Spec 408 mux 005 ccd 26951 temperature
C
% Power
12:00
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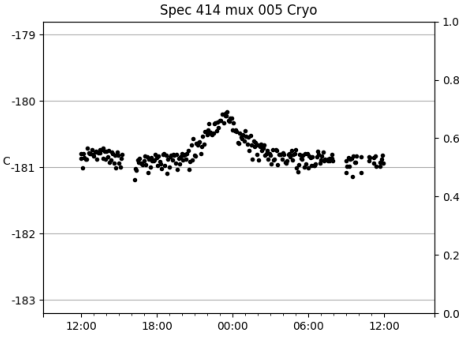
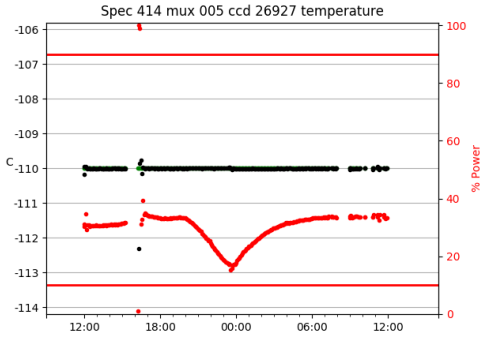
06:00
12:00


Spec 414 mux 005 Cryo
C
-179
-180
-181
-182
-183
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 414 mux 005 ccd 26927 temperature
C
% Power
-106
-107
-108
-109
-110
-111
-112
-113
-114
100
80
60
40
20
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12:00
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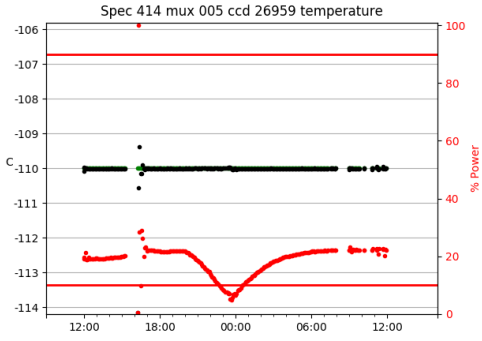
06:00
12:00


Spec 414 mux 005 ccd 26959 temperature
C
% Power
-106
-107
-108
-109
-110
-111
-112
-113
-114
100
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20
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12:00
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06:00
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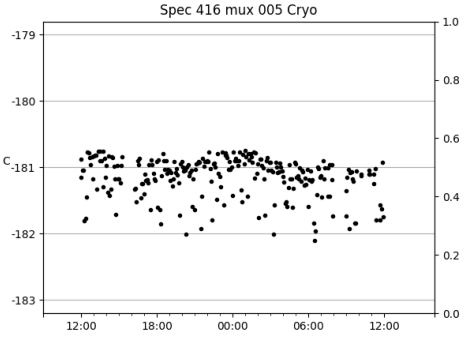
Spec 416 mux 005 Cryo
C
-179
-180
-181
-182
-183
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
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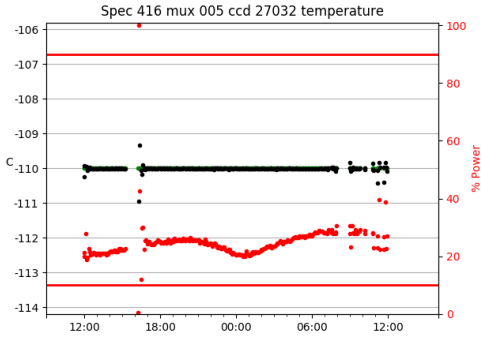
06:00
12:00


Spec 416 mux 005 ccd 27032 temperature
C
% Power
-106
-107
-108
-109
-110
-111
-112
-113
-114
100
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60
40
20
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12:00
18:00
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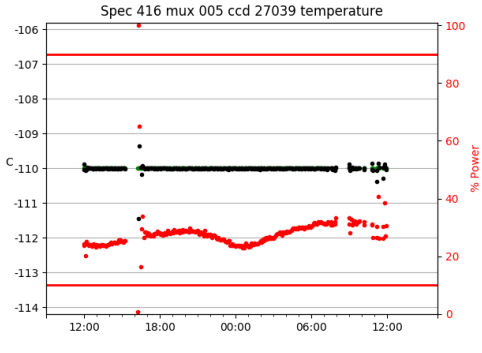
06:00
12:00


Spec 416 mux 005 ccd 27039 temperature
C
% Power
-106
-107
-108
-109
-110
-111
-112
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-114
100
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60
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20
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12:00
18:00
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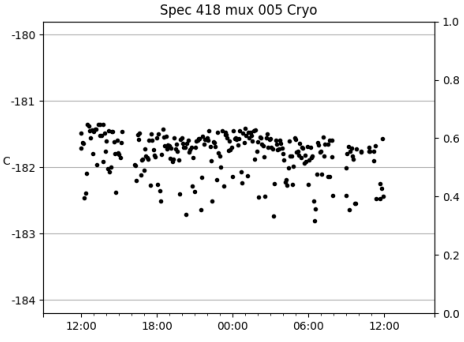
06:00
12:00


Spec 418 mux 005 Cryo
C
-180
-181
-182
-183
-184
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
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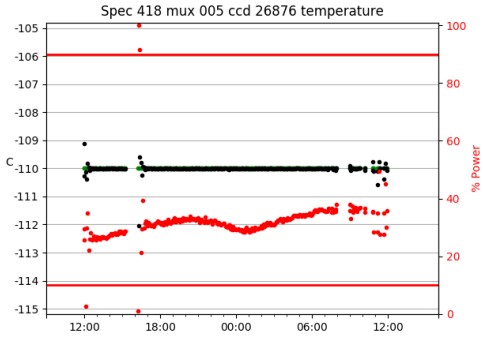
Spec 418 mux 005 ccd 26876 temperature
C
% Power
-105
-106
-107
-108
-109
-110
-111
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-115
100
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20
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12:00
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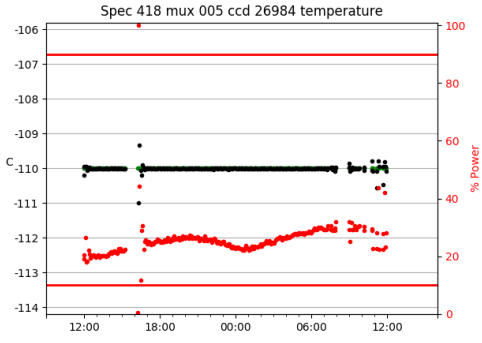
Spec 418 mux 005 ccd 26984 temperature
C
% Power
-106
-107
-108
-109
-110
-111
-112
-113
-114
100
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60
40
20
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12:00
18:00
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06:00
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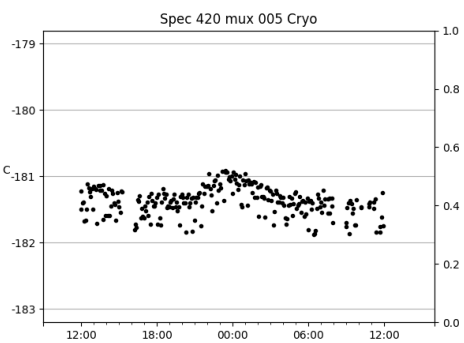
Spec 420 mux 005 Cryo
C
-179
-180
-181
-182
-183
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
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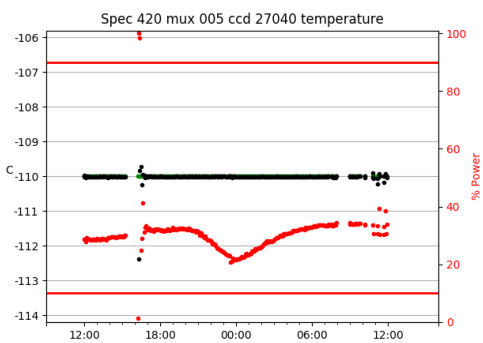
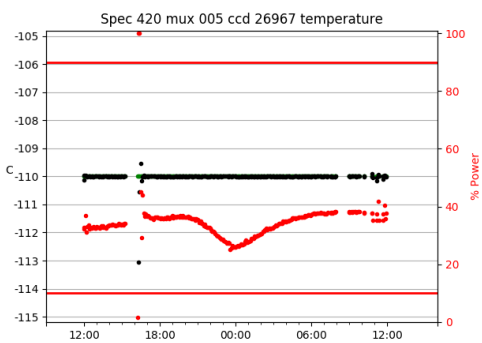
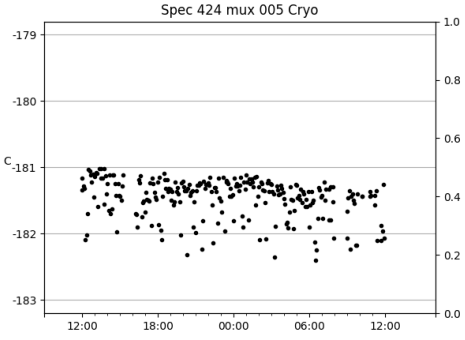
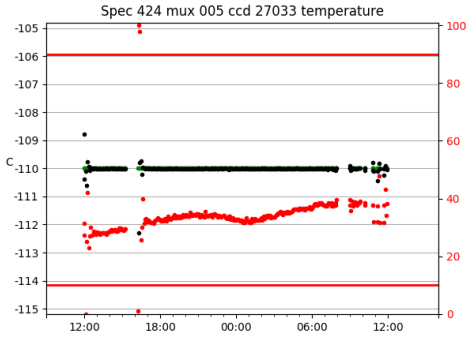
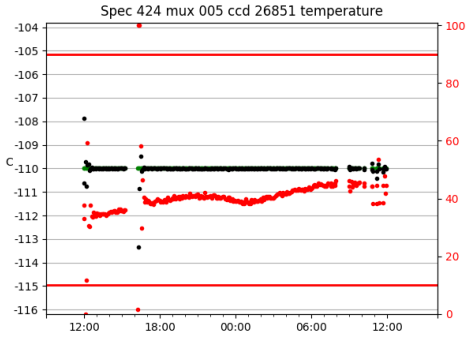
06:00
12:00

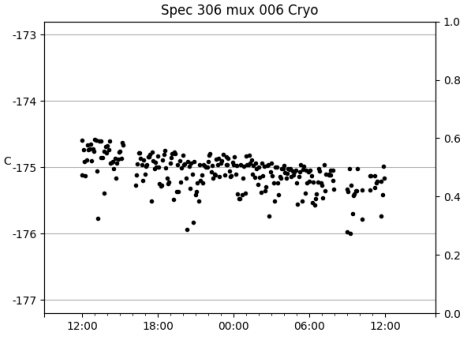

Spec 420 mux 005 ccd 27040 temperature
C
% Power
-106
-107
-108
-109
-110
-111
-112
-113
-114
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

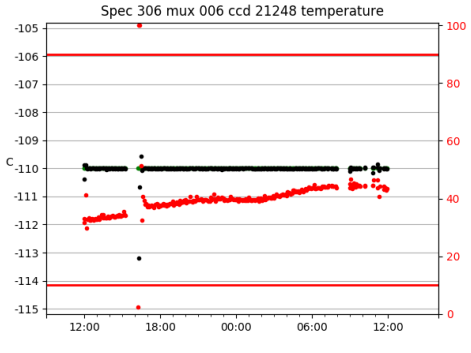

Spec 420 mux 005 ccd 26967 temperature
C
% Power
-105
-106
-107
-108
-109
-110
-111
-112
-113
-114
-115
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

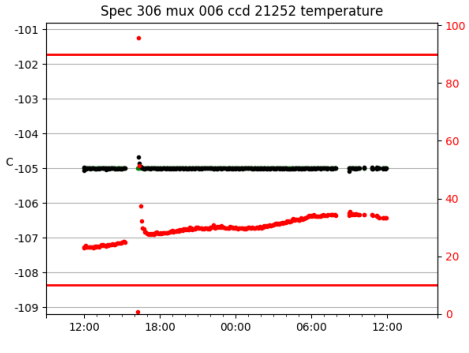

Spec 424 mux 005 Cryo
C
-179
-180
-181
-182
-183
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

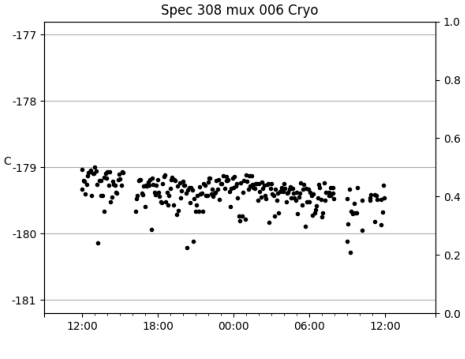

Spec 424 mux 005 ccd 27033 temperature
C
% Power
-105
-106
-107
-108
-109
-110
-111
-112
-113
-114
-115
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

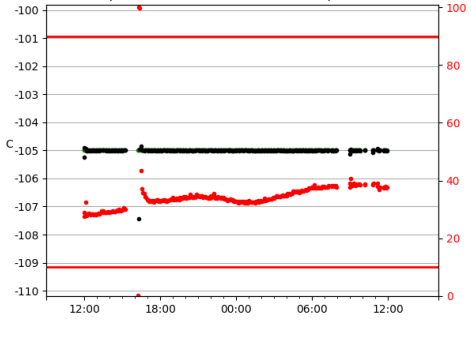

Spec 424 mux 005 ccd 26851 temperature
C
% Power
-104
-105
-106
-107
-108
-109
-110
-111
-112
-113
-114
-115
-116
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

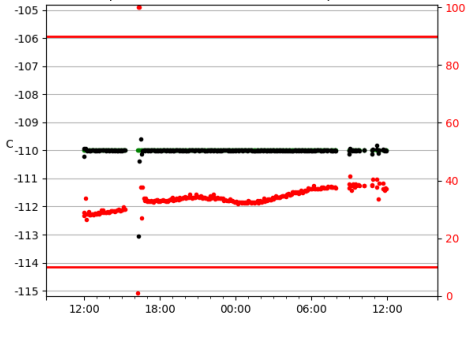

Spec 306 mux 006 Cryo
C
-173
-174
-175
-176
-177
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

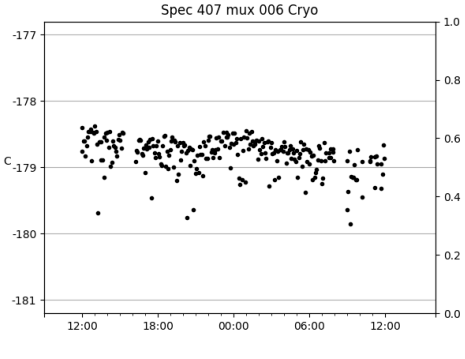

Spec 306 mux 006 ccd 21248 temperature
C
% Power
-105
-106
-107
-108
-109
-110
-111
-112
-113
-114
-115
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

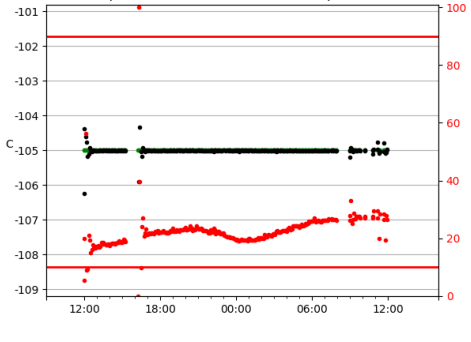

Spec 306 mux 006 ccd 21252 temperature
C
% Power
-101
-102
-103
-104
-105
-106
-107
-108
-109
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

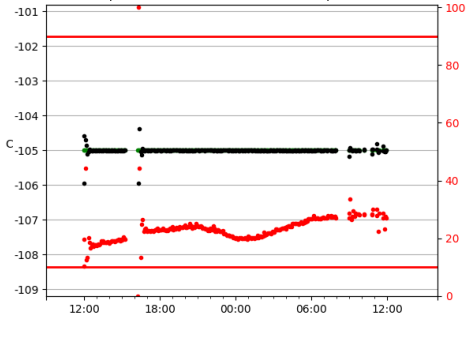

Spec 308 mux 006 Cryo
C
-177
-178
-179
-180
-181
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

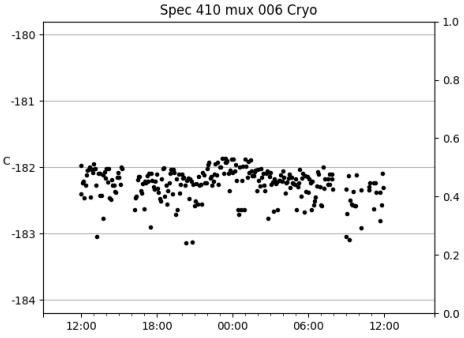

Spec 308 mux 006 ccd 21129 temperature
C
% Power
-100
-101
-102
-103
-104
-105
-106
-107
-108
-109
-110
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

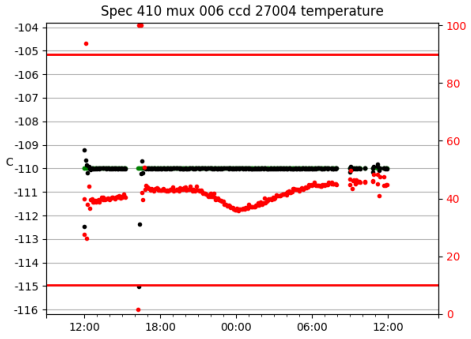

Spec 308 mux 006 ccd 21229 temperature
C
% Power
-105
-106
-107
-108
-109
-110
-111
-112
-113
-114
-115
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

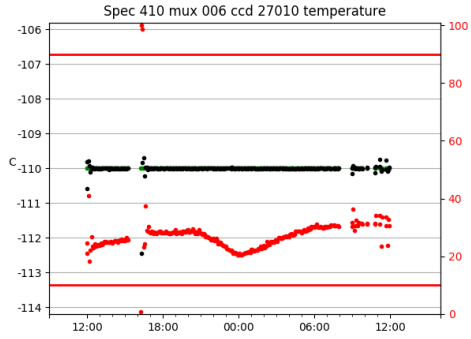

Spec 407 mux 006 Cryo
C
-177
-178
-179
-180
-181
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

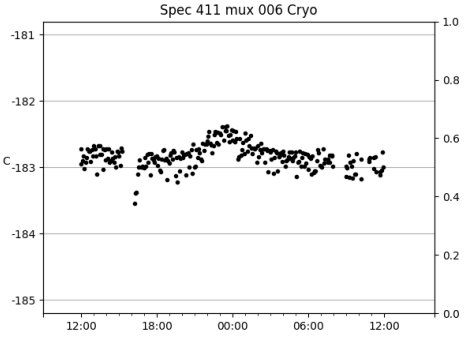

Spec 407 mux 006 ccd 26902 temperature
C
% Power
-101
-102
-103
-104
-105
-106
-107
-108
-109
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

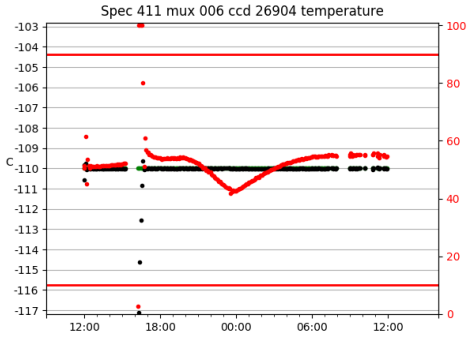

Spec 407 mux 006 ccd 26954 temperature
C
% Power
-101
-102
-103
-104
-105
-106
-107
-108
-109
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

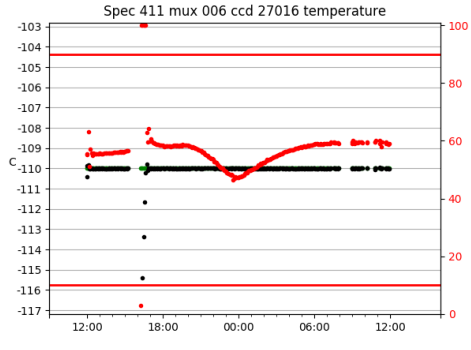

Spec 410 mux 006 Cryo
C
-180
-181
-182
-183
-184
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

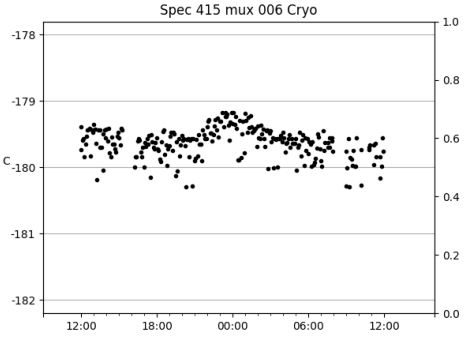

Spec 410 mux 006 ccd 27004 temperature
C
% Power
-104
-105
-106
-107
-108
-109
-110
-111
-112
-113
-114
-115
-116
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

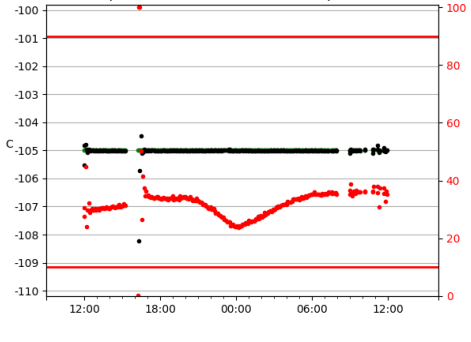

Spec 410 mux 006 ccd 27010 temperature
C
% Power
-106
-107
-108
-109
-110
-111
-112
-113
-114
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 411 mux 006 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 411 mux 006 ccd 26904 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 411 mux 006 ccd 27016 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 415 mux 006 Cryo
C
-178
-179
-180
-181
-182
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 415 mux 006 ccd 26910 temperature
C
% Power
-100
-101
-102
-103
-104
-105
-106
-107
-108
-109
-110
100
80
60
40
20
0
12:00
18:00
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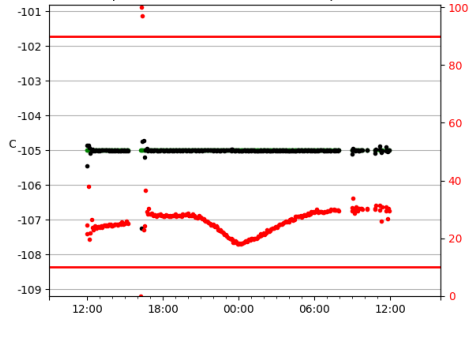
06:00
12:00


Spec 415 mux 006 ccd 26911 temperature
C
% Power
-101
-102
-103
-104
-105
-106
-107
-108
-109
100
80
60
40
20
0
12:00
18:00
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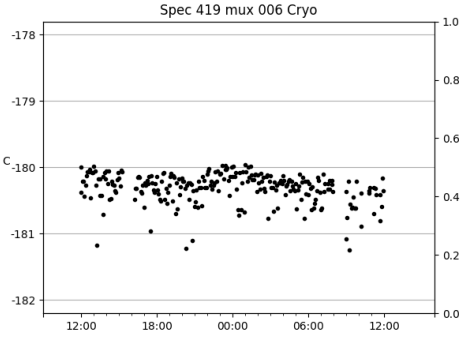
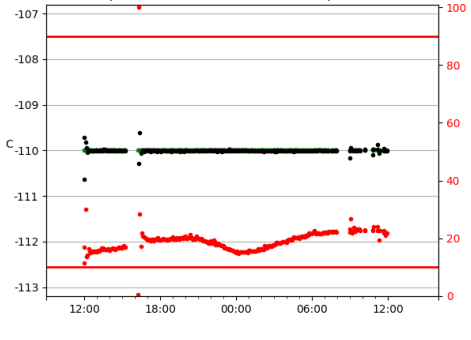
06:00
12:00


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


Spec 419 mux 006 ccd 26873 temperature
C
% Power
-107
-108
-109
-110
-111
-112
-113
100
80
60
40
20
0
12:00
18:00
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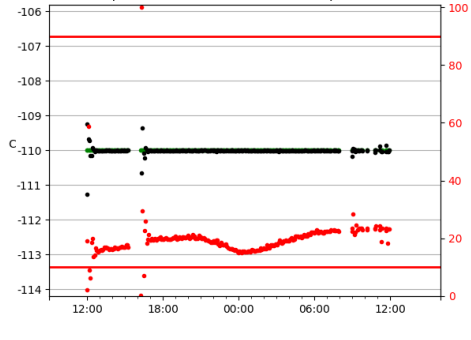
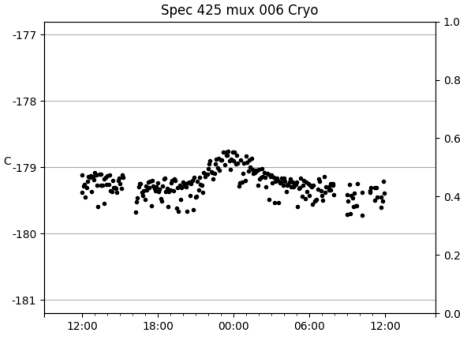
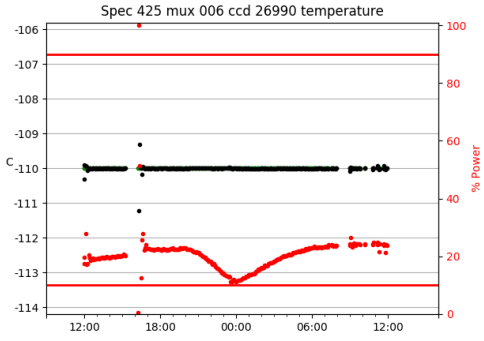
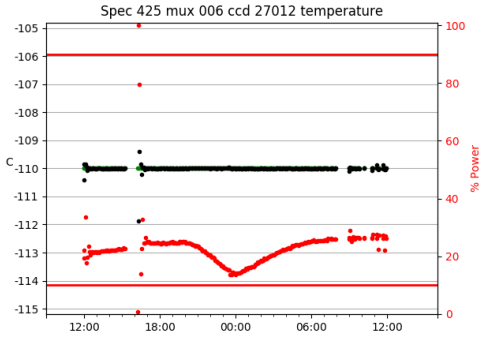
06:00
12:00


Spec 419 mux 006 ccd 26897 temperature
C
% Power
-106
-107
-108
-109
-110
-111
-112
-113
-114
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


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


Spec 425 mux 006 ccd 26990 temperature
C
% Power
-106
-107
-108
-109
-110
-111
-112
-113
-114
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 425 mux 006 ccd 27012 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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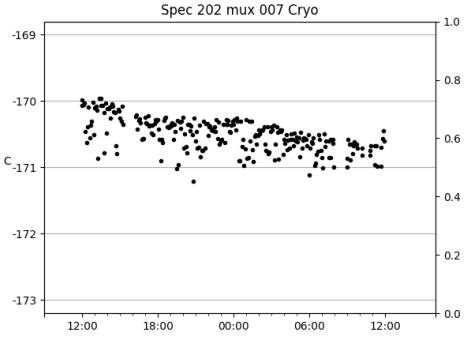
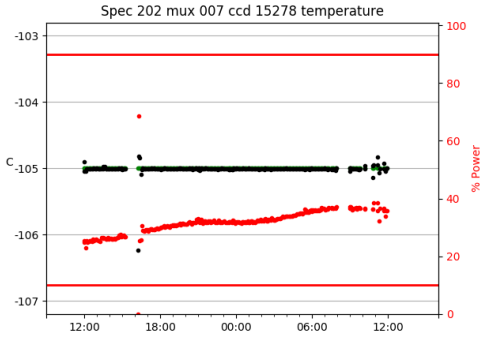
06:00
12:00


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


Spec 202 mux 007 ccd 15278 temperature
C
% Power
-103
-104
-105
-106
-107
100
80
60
40
20
0
12:00
18:00
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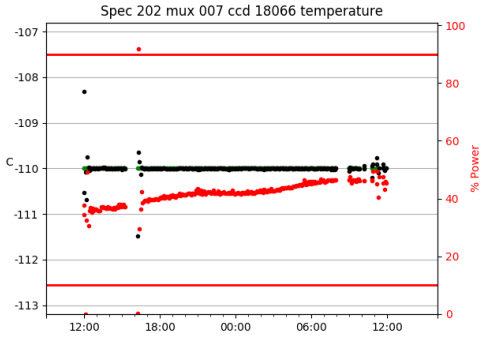
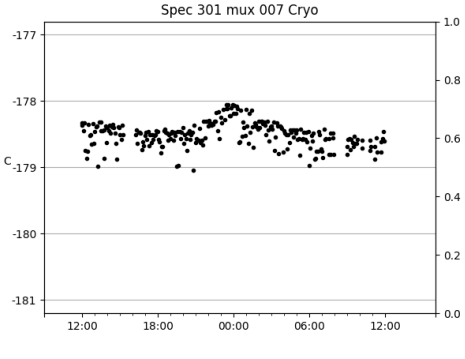
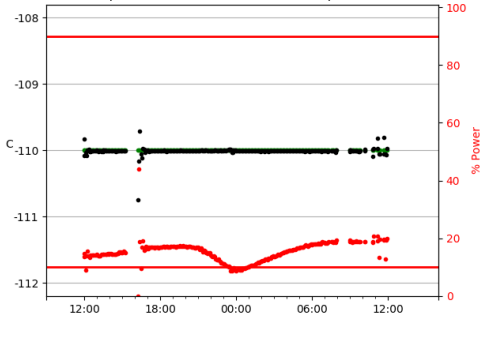
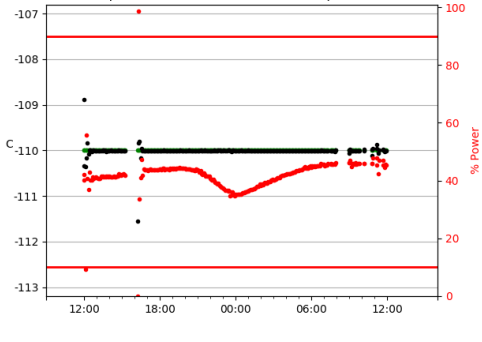
06:00
12:00


Spec 202 mux 007 ccd 18066 temperature
C
% 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 301 mux 007 Cryo
C
-177
-178
-179
-180
-181
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 301 mux 007 ccd 21123 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 301 mux 007 ccd 21185 temperature
C
% Power
-107
-108
-109
-110
-111
-112
-113
100
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60
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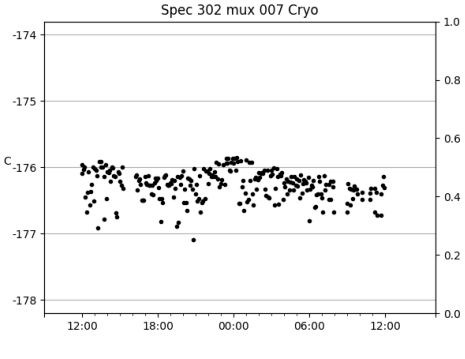
Spec 302 mux 007 Cryo
C
-174
-175
-176
-177
-178
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
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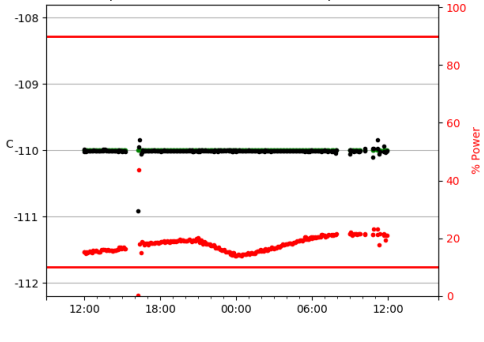
Spec 302 mux 007 ccd 21102 temperature
C
% Power
-108
-109
-110
-111
-112
100
80
60
40
20
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12:00
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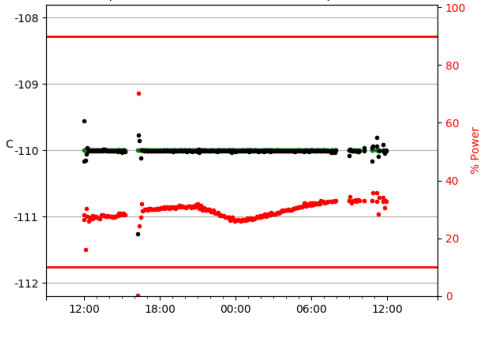
06:00
12:00


Spec 302 mux 007 ccd 21264 temperature
C
% Power
-108
-109
-110
-111
-112
100
80
60
40
20
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12:00
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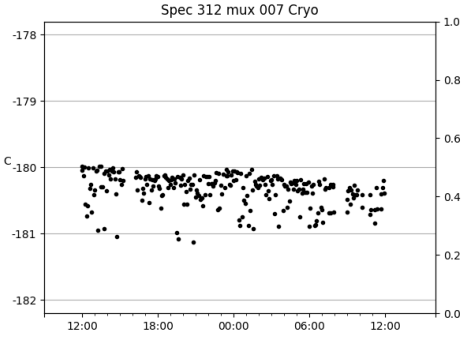
06:00
12:00


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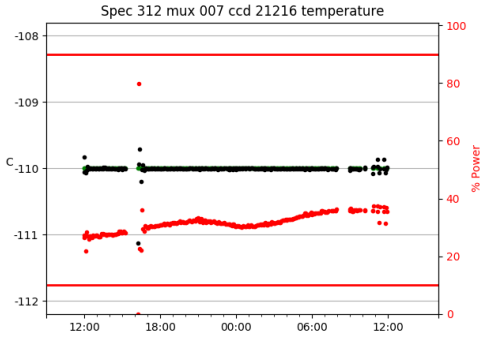
06:00
12:00


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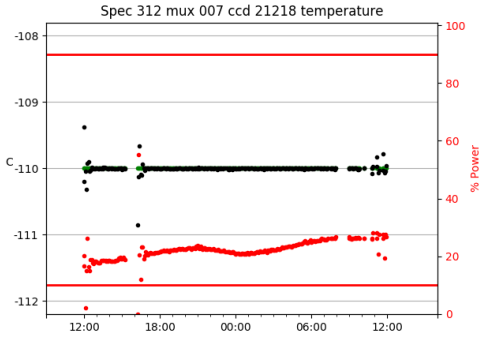
06:00
12:00


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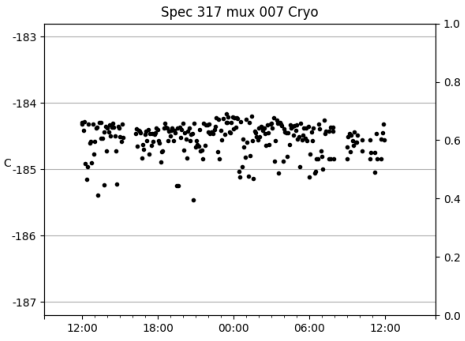
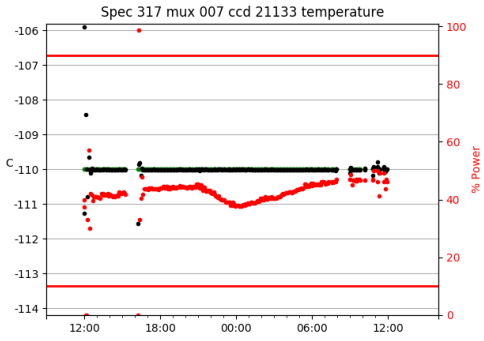
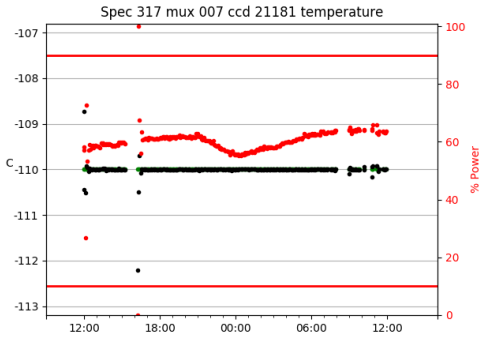
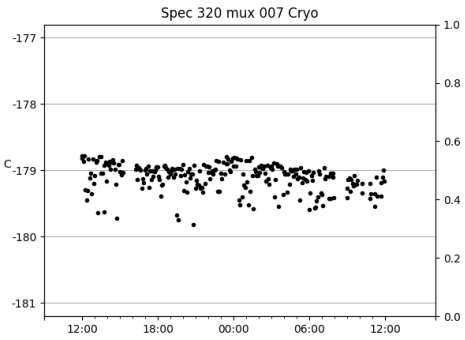
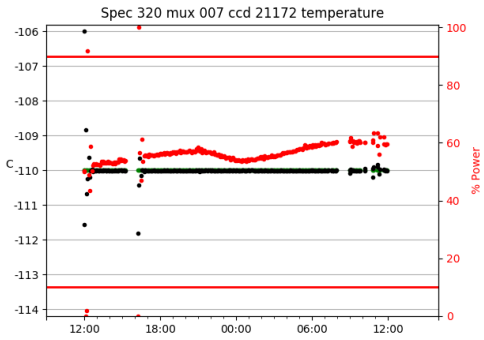
12:00

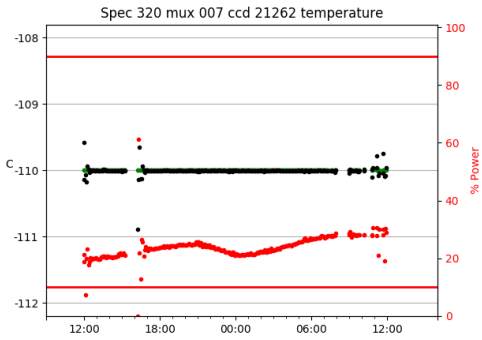

Spec 317 mux 007 Cryo
C
-183
-184
-185
-186
-187
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 317 mux 007 ccd 21133 temperature
C
% Power
-106
-107
-108
-109
-110
-111
-112
-113
-114
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00


Spec 317 mux 007 ccd 21181 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 320 mux 007 Cryo
C
-177
-178
-179
-180
-181
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


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


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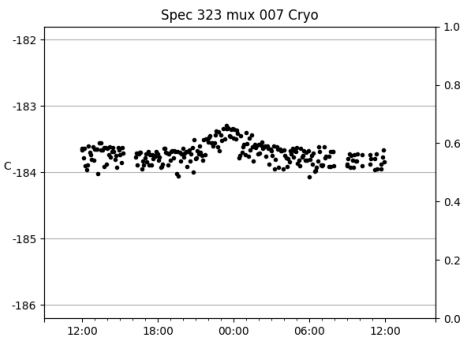
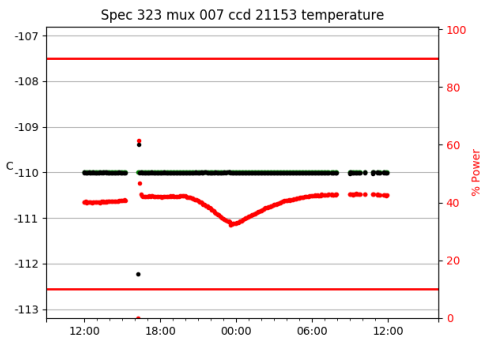
06:00
12:00


Spec 323 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 323 mux 007 ccd 21153 temperature
C
% Power
-107
-108
-109
-110
-111
-112
-113
100
80
60
40
20
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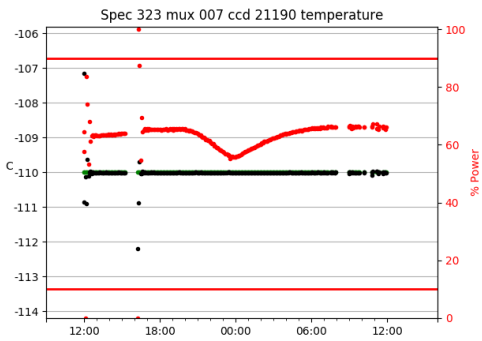
12:00
18:00
00:00
06:00
12:00


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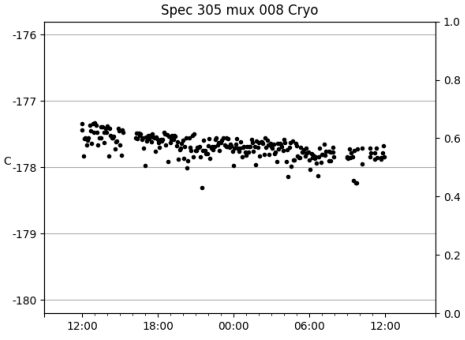
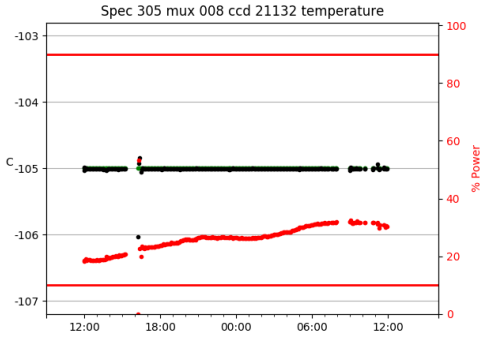
06:00
12:00


Spec 305 mux 008 Cryo
C
-176
-177
-178
-179
-180
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 305 mux 008 ccd 21132 temperature
C
% Power
-103
-104
-105
-106
-107
100
80
60
40
20
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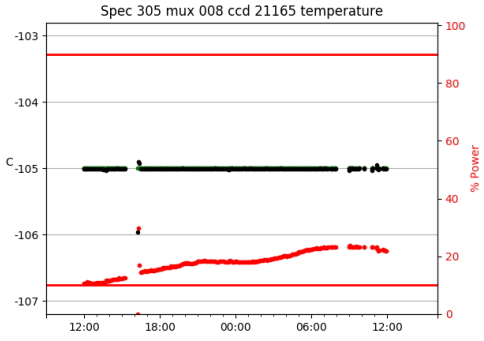
12:00
18:00
00:00
06:00
12:00


Spec 305 mux 008 ccd 21165 temperature
C
% Power
-103
-104
-105
-106
-107
100
80
60
40
20
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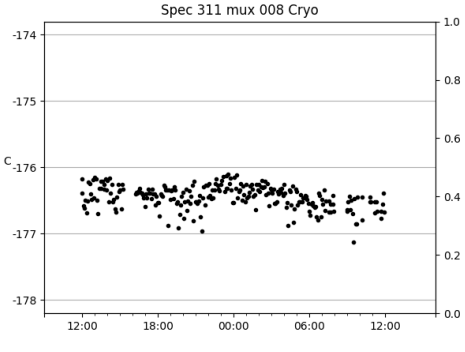
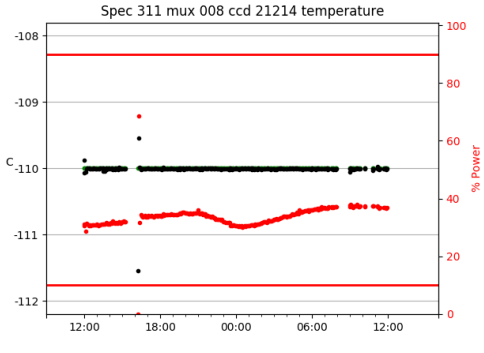
12:00
18:00
00:00
06:00
12:00


Spec 311 mux 008 Cryo
C
-174
-175
-176
-177
-178
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


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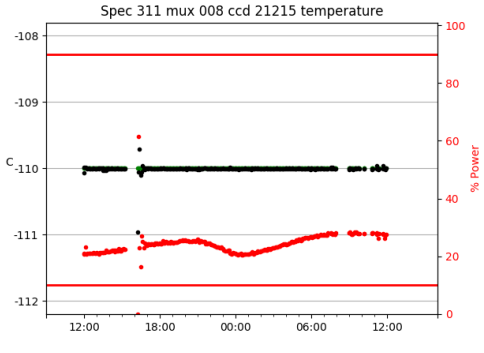
12:00
18:00
00:00
06:00
12:00


Spec 311 mux 008 ccd 21215 temperature
C
% Power
-108
-109
-110
-111
-112
100
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60
40
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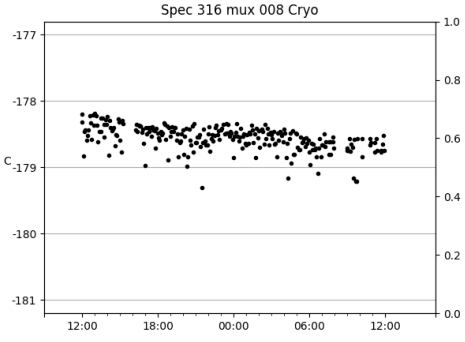
12:00


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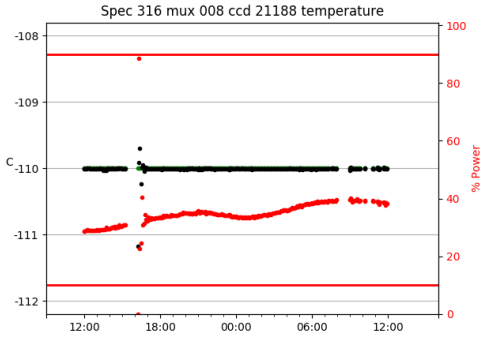
06:00
12:00


Spec 316 mux 008 ccd 21188 temperature
C
% Power
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-109
-110
-111
-112
100
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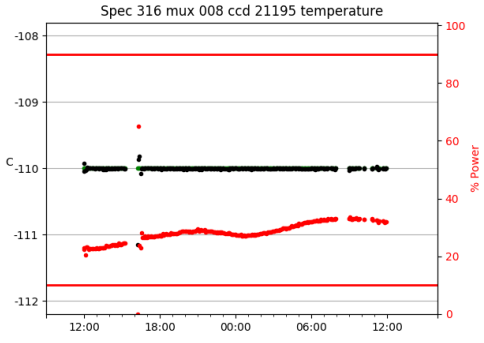
06:00
12:00


Spec 316 mux 008 ccd 21195 temperature
C
% Power
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-110
-111
-112
100
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60
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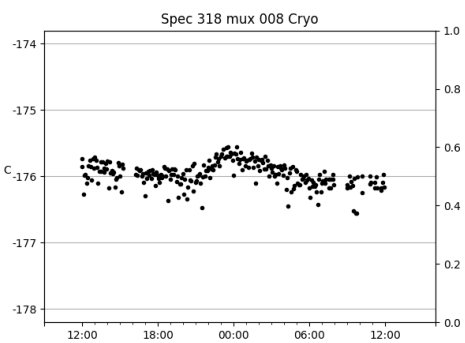
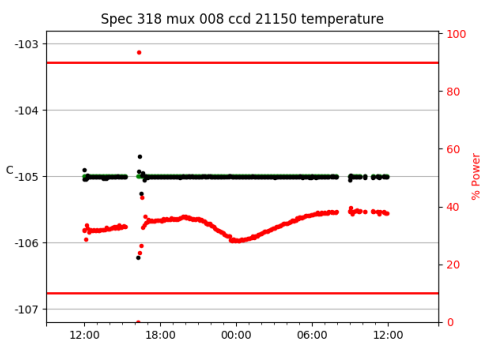
12:00


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


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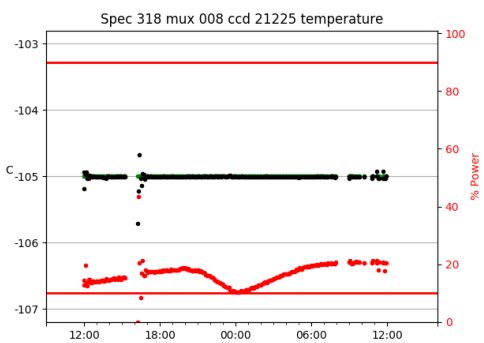
06:00
12:00


Spec 318 mux 008 ccd 21225 temperature
C
% Power
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-104
-105
-106
-107
100
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40
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18:00
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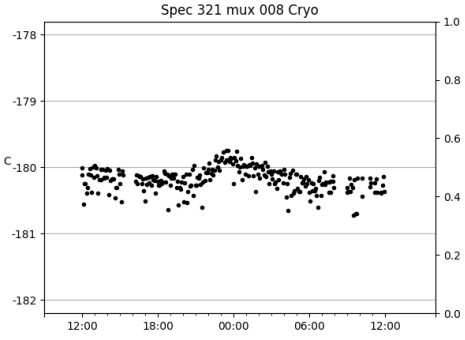
06:00
12:00


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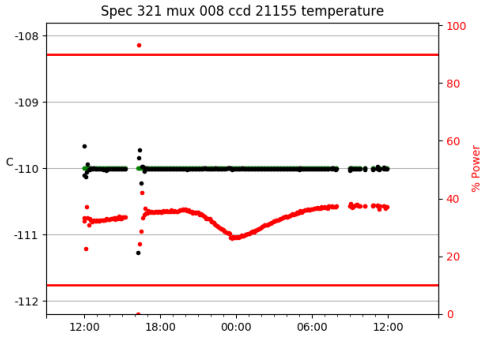
06:00
12:00


Spec 321 mux 008 ccd 21155 temperature
C
-108
-109
-110
-111
-112
% Power
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60
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20
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18:00
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06:00
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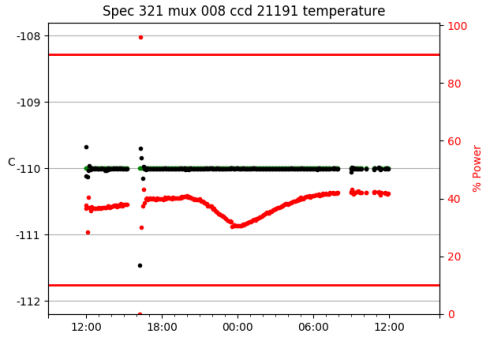
Spec 321 mux 008 ccd 21191 temperature
C
-108
-109
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-111
-112
% Power
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60
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20
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12:00
18:00
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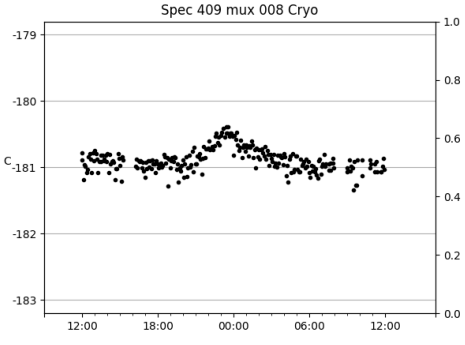
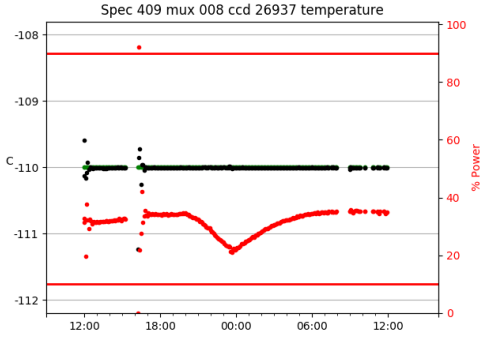
06:00
12:00


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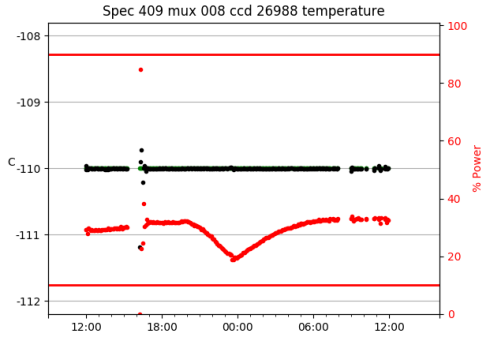
06:00
12:00


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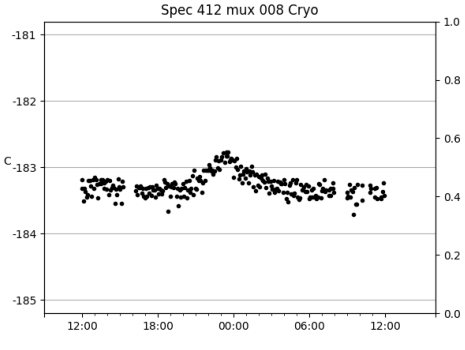
Spec 412 mux 008 Cryo
C
-181
-182
-183
-184
-185
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
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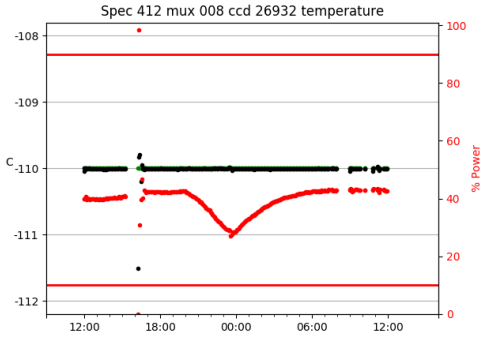
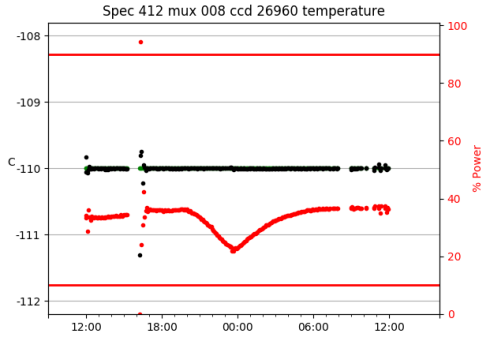
06:00
12:00


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


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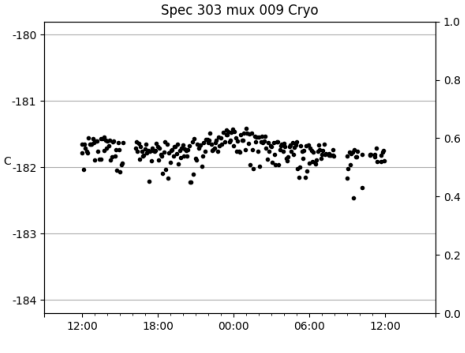
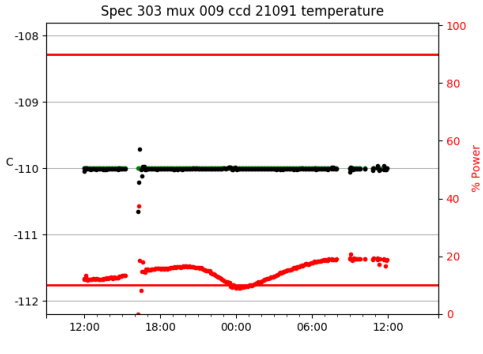
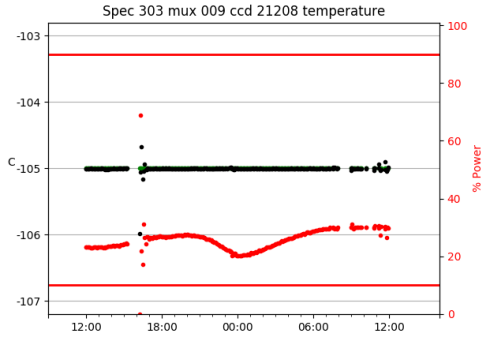
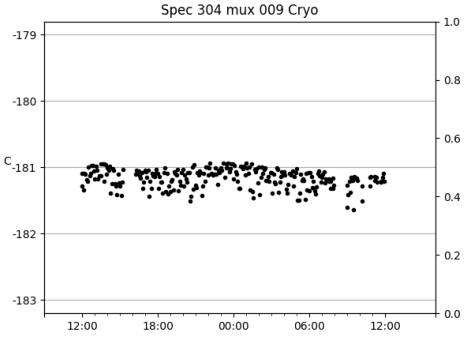
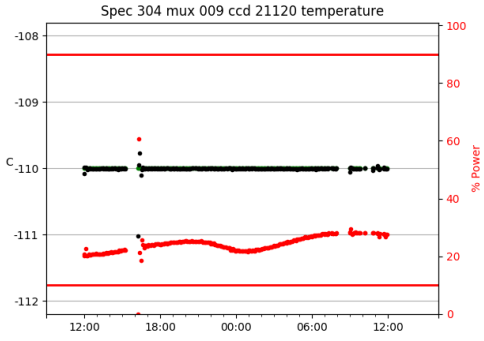
06:00
12:00

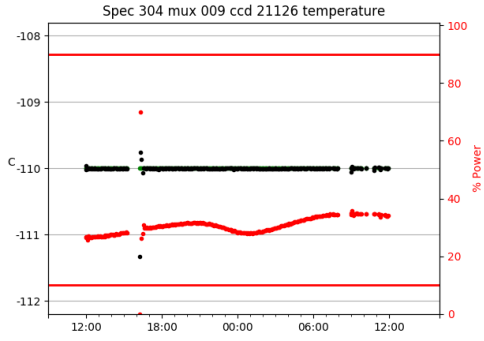

Spec 303 mux 009 Cryo
C
-180
-181
-182
-183
-184
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

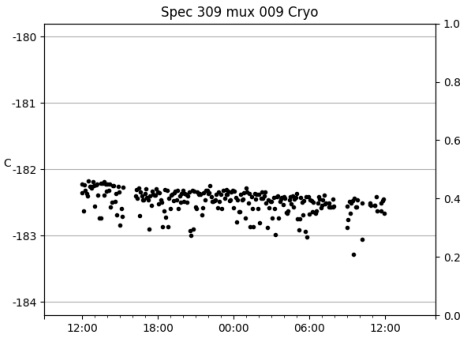

Spec 303 mux 009 ccd 21091 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

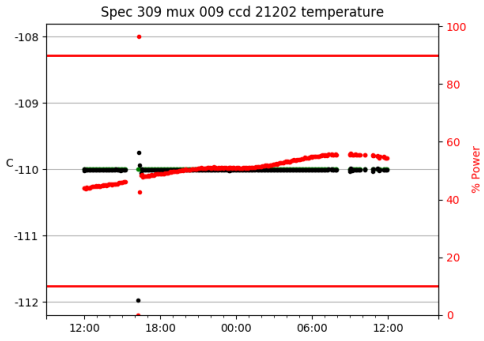

Spec 303 mux 009 ccd 21208 temperature
C
-103
-104
-105
-106
-107
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

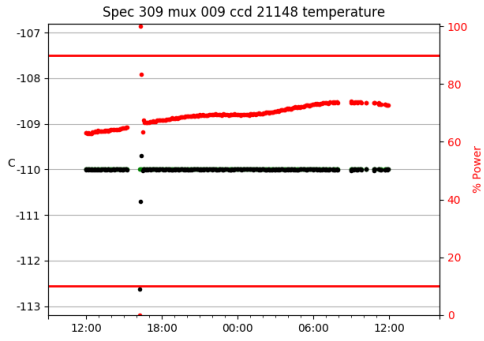

Spec 304 mux 009 Cryo
C
-179
-180
-181
-182
-183
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

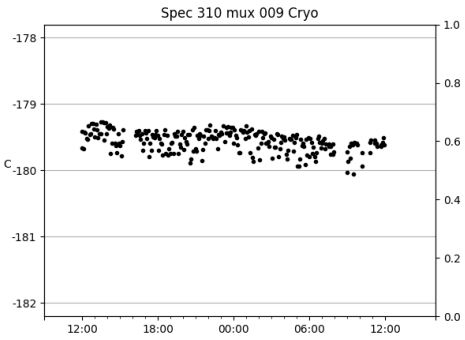

Spec 304 mux 009 ccd 21120 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

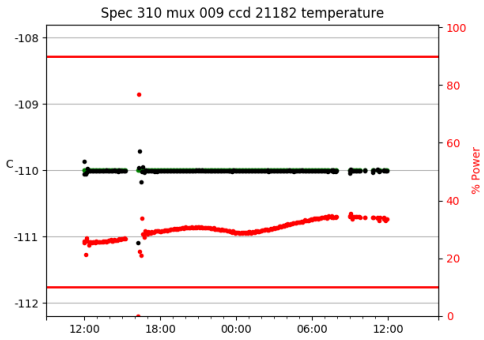

Spec 304 mux 009 ccd 21126 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

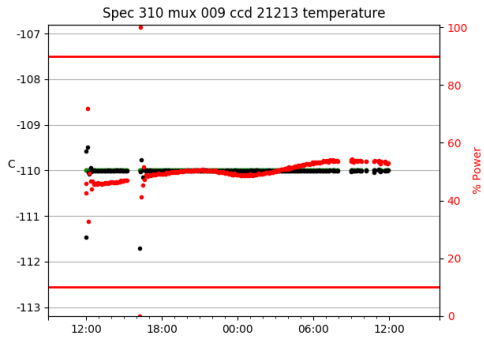

Spec 309 mux 009 Cryo
C
-180
-181
-182
-183
-184
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

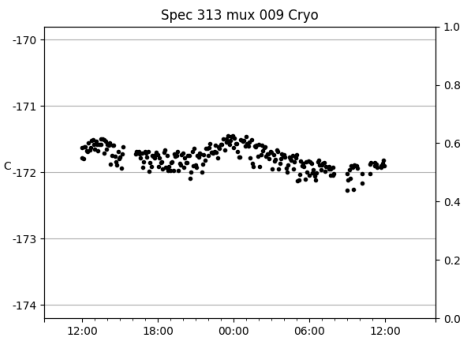

Spec 309 mux 009 ccd 21202 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

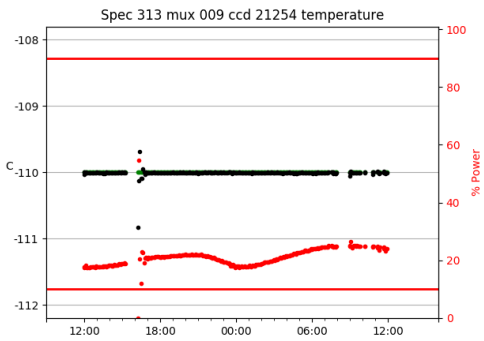

Spec 309 mux 009 ccd 21148 temperature
C
-107
-108
-109
-110
-111
-112
-113
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

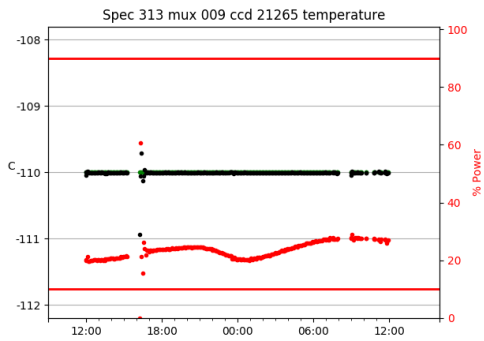

Spec 310 mux 009 Cryo
C
-178
-179
-180
-181
-182
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

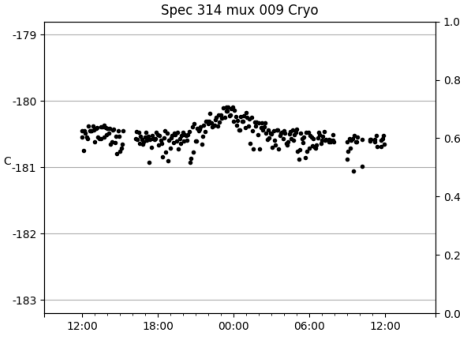

Spec 310 mux 009 ccd 21182 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

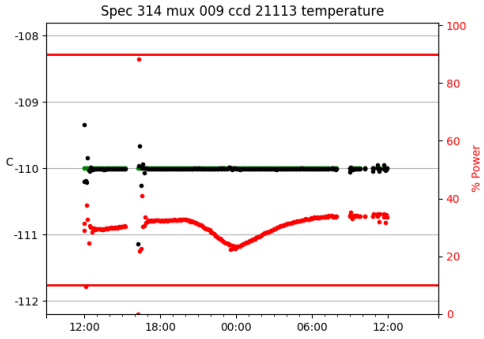

Spec 310 mux 009 ccd 21213 temperature
C
-107
-108
-109
-110
-111
-112
-113
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

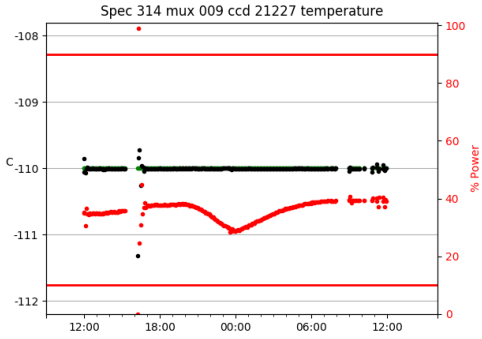

Spec 313 mux 009 Cryo
C
-170
-171
-172
-173
-174
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00

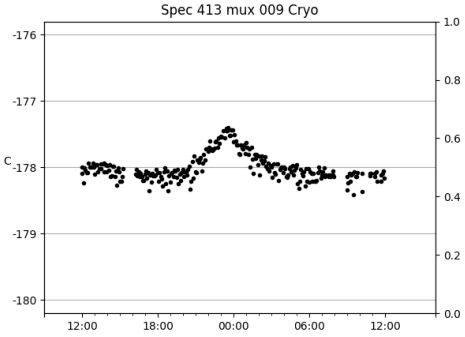

Spec 313 mux 009 ccd 21254 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

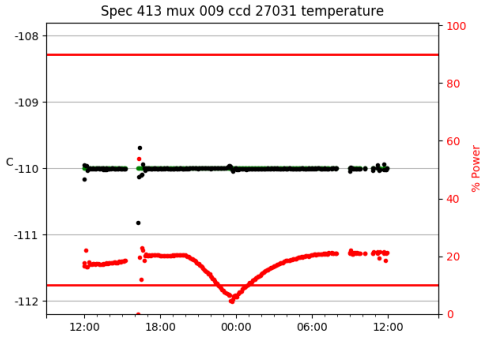

Spec 313 mux 009 ccd 21265 temperature
C
-108
-109
-110
-111
-112
% Power
100
80
60
40
20
0
12:00
18:00
00:00
06:00
12:00

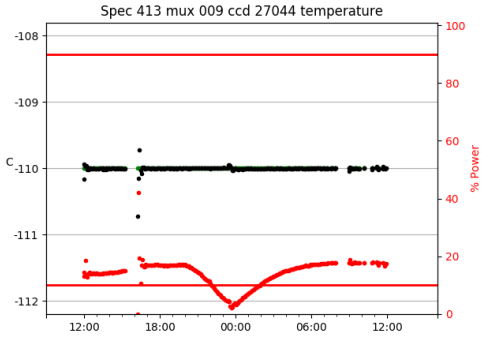

Spec 314 mux 009 Cryo
C
-179
-180
-181
-182
-183
1.0
0.8
0.6
0.4
0.2
0.0
12:00
18:00
00:00
06:00
12:00


Spec 314 mux 009 ccd 21113 temperature
C
-108
-109
-110
-111
-112
100
80
60
40
20
0
% Power
12:00
18:00
00:00
06:00
12:00

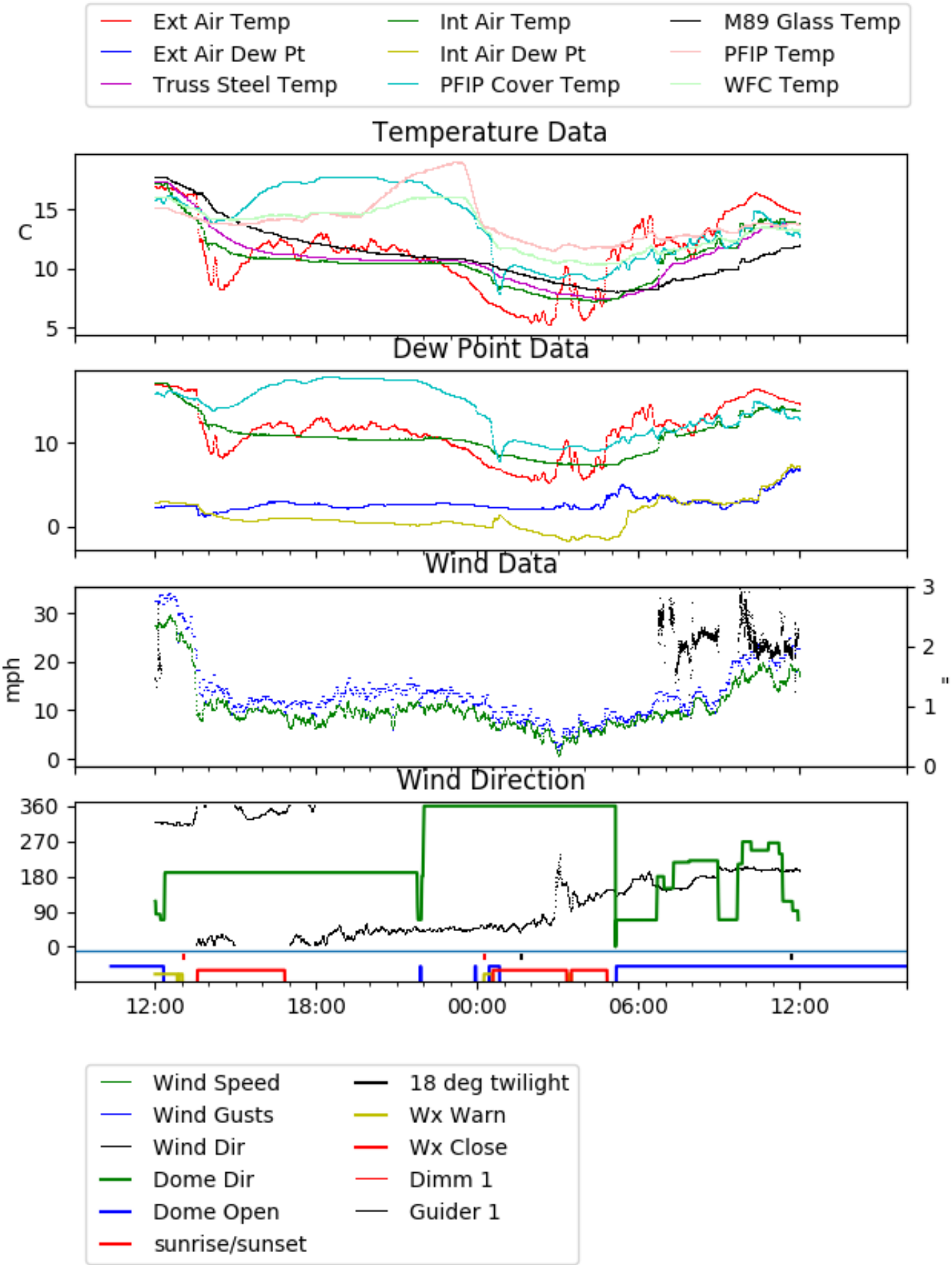

Spec 314 mux 009 ccd 21227 temperature
C
-108
-109
-110
-111
-112
100
80
60
40
20
0
% Power
12:00
18:00
00:00
06:00
12:00


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

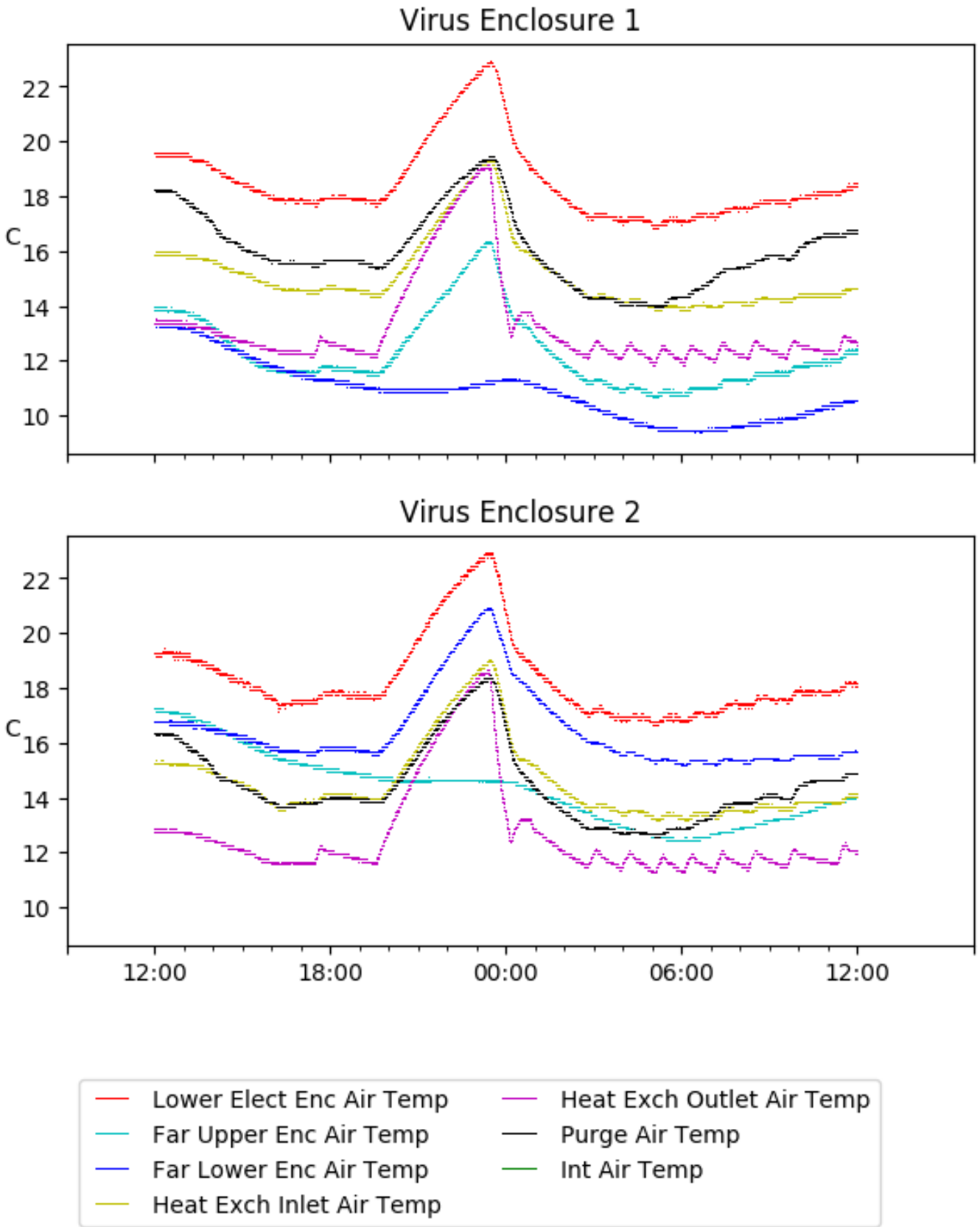

Spec 413 mux 009 ccd 27031 temperature
C
-108
-109
-110
-111
-112
100
80
60
40
20
0
% Power
12:00
18:00
00:00
06:00
12:00


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

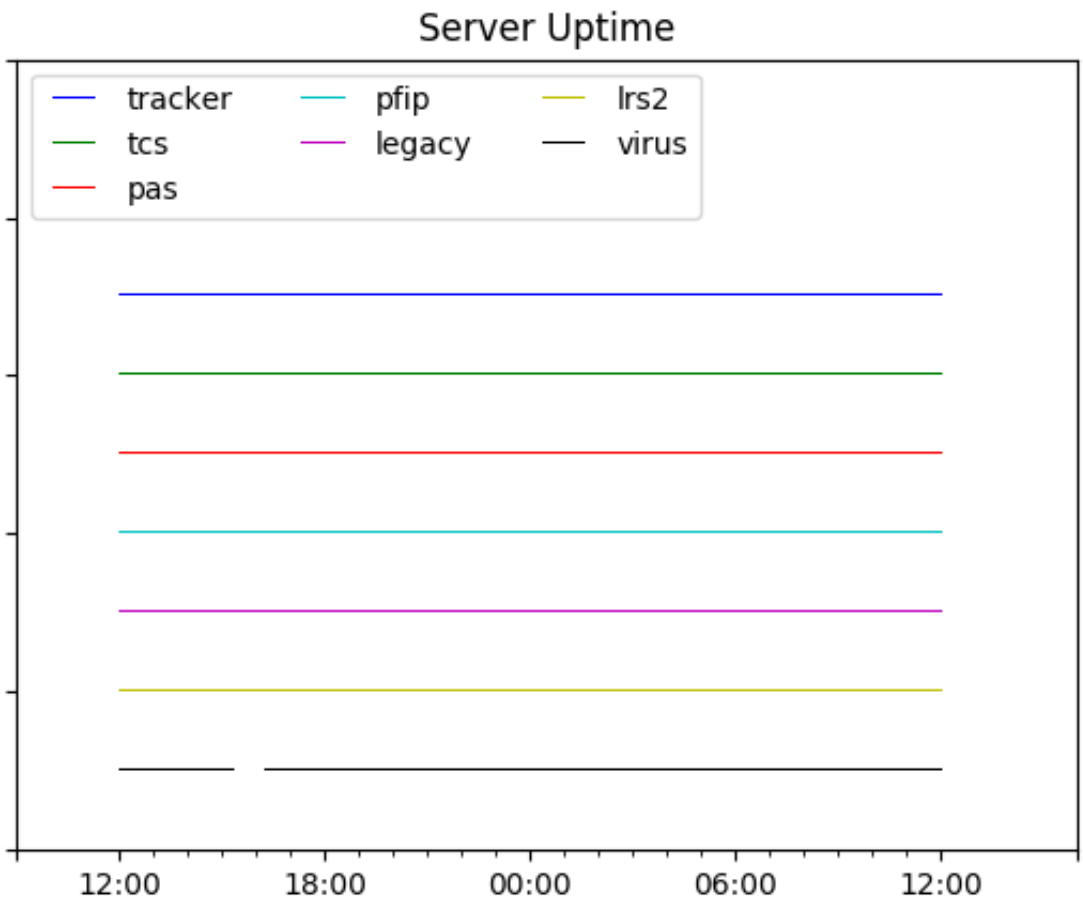
3 Weather


Ext Air Temp
Ext Air Dew Pt
Truss Steel Temp
Int Air Temp
Int Air Dew Pt
PFIP Cover Temp
M89 Glass Temp
PFIP Temp
WFC Temp
Temperature Data
C
15
10
5
Dew Point Data
10
0
Wind Data
mph
30
20
10
0
3
2
1
0
Wind Direction
360
270
180
90
0
12:00
18:00
00:00
06:00
12:00
Wind Speed
Wind Gusts
Wind Dir
Dome Dir
Dome Open
sunrise/sunset
18 deg twilight
Wx Warn
Wx Close
Dimm 1
Guider 1

4 Virus Enclosures



5 Server Up Time

Current server run times:

tracker uptime: 16:20:45 (hh:mm:ss)
tcs uptime: 16:21:04 (hh:mm:ss)
pas uptime: 14:05:17 (hh:mm:ss)
pfip uptime: 16:21:25 (hh:mm:ss)
legacy uptime: 16:22:33 (hh:mm:ss)
lrs2 uptime: 40:08:44 (hh:mm:ss)
virus uptime: 21:45:21 (hh:mm:ss)