

Hobby-Eberly Telescope Site Status Report *

McDonald Observatory, University of Texas at Austin

2024-04-22 12:00:07 to 2024-04-23 12:00:01 UTC

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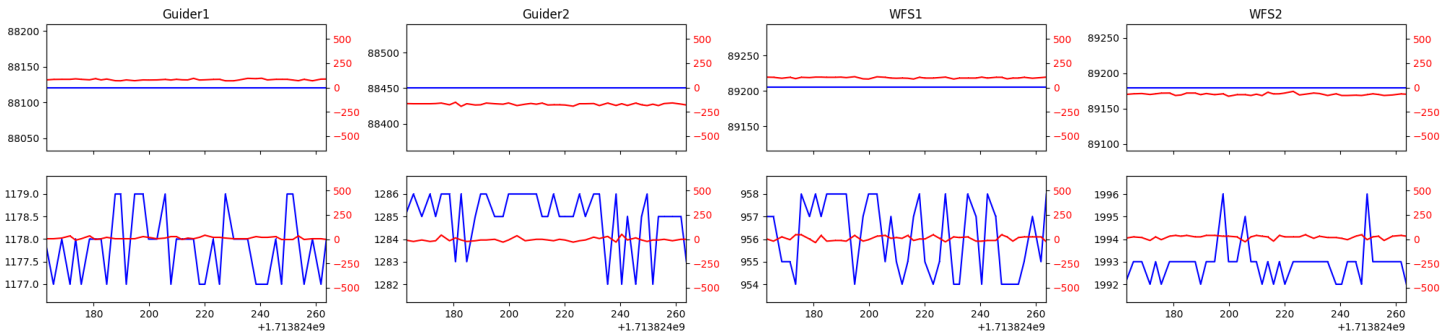
*This report has been automatically generated. Id: status.report.py 13712 2023-09-20 20:12:14Z jrf

1 Trajectories

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

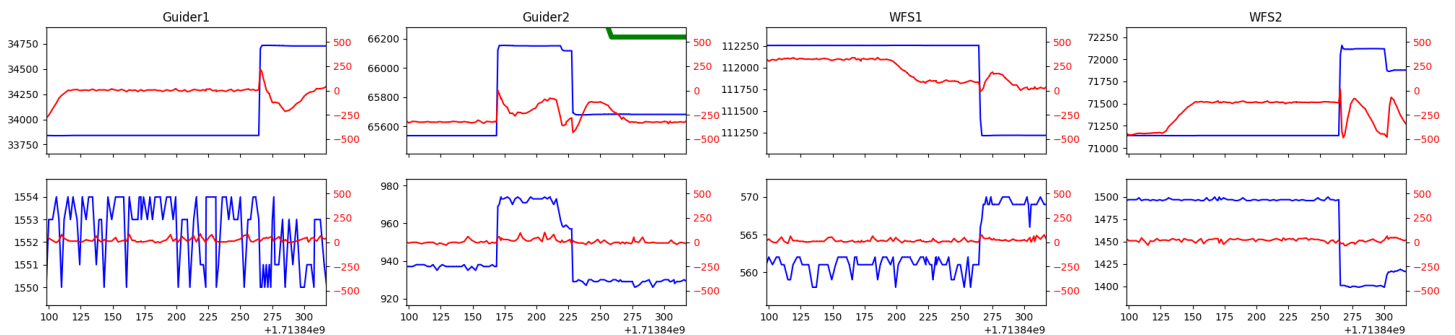
1.1 399

Trajectory 399 for desired Azimuth 65.453 was loaded at 22:14:56.62. The go_next command was sent at 22:15:02.605 and took 114.068 seconds to complete. The trajectory was cancelled at 22:17:43.58. The trajectory was stopped at 22:17:49.31 with the message "Reached end of track."



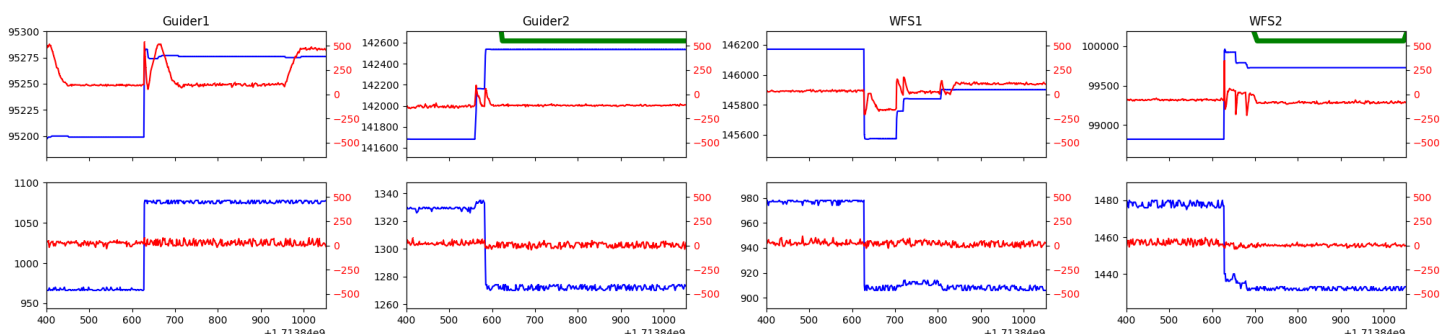
1.2 128

Trajectory 128 for desired Azimuth 117.533424 was loaded at 02:40:19.04. The go_next command was sent at 02:40:25.289 and took 89.672 seconds to complete. The trajectory was cancelled at 02:45:17.05. The trajectory was stopped at 02:45:23.01 with the message "Reached end of track."



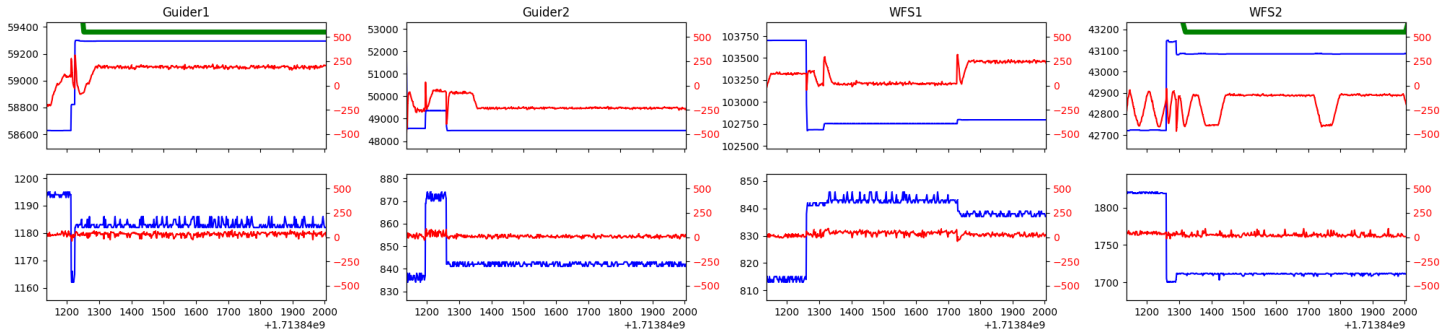
1.3 517

Trajectory 517 for desired Azimuth 281.196355 was loaded at 02:45:25.22. The go_next command was sent at 02:45:31.308 and took 177.040 seconds to complete. The setup took 141.12 seconds at an actual azimuth of 281.198132. The trajectory was cancelled at 02:57:31.93. The trajectory was stopped at 02:57:37.42 with the message "Reached end of track."



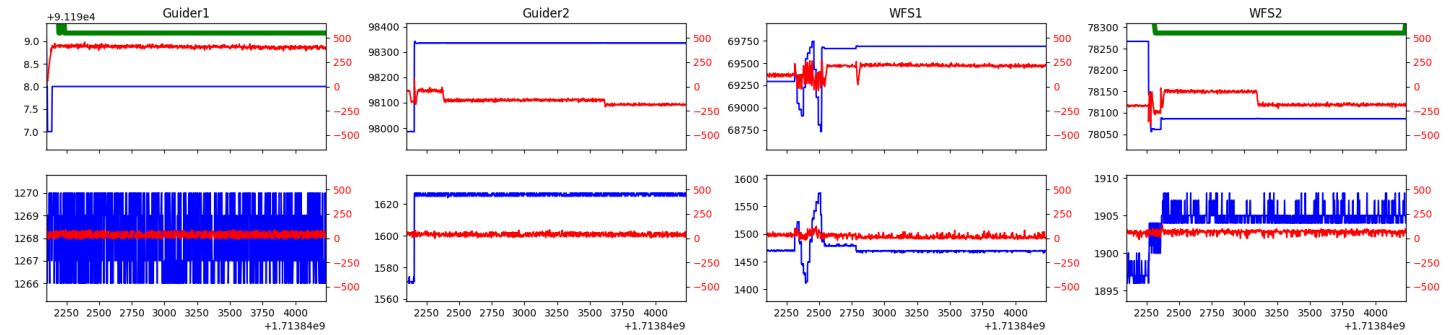
1.4 915

Trajectory 915 for desired Azimuth 274.729481 was loaded at 02:57:39.78. The go_next command was sent at 02:57:46.678 and took 80.368 seconds to complete. The setup took 140.95 seconds at an actual azimuth of 274.73091 The trajectory was cancelled at 03:13:23.56. The trajectory was stopped at 03:13:29.59 with the message "Reached end of track."



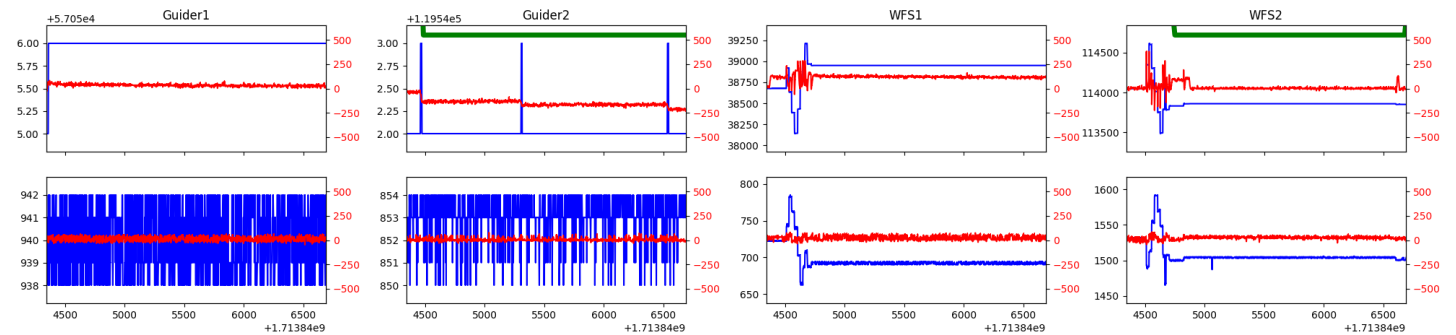
1.5 554

Trajectory 554 for desired Azimuth 267.722998 was loaded at 03:13:32.19. The go_next command was sent at 03:13:38.425 and took 80.369 seconds to complete. The setup took 159.54 seconds at an actual azimuth of 267.724296 The trajectory was cancelled at 03:50:33.19. The trajectory was stopped at 03:50:38.88 with the message "Reached end of track."



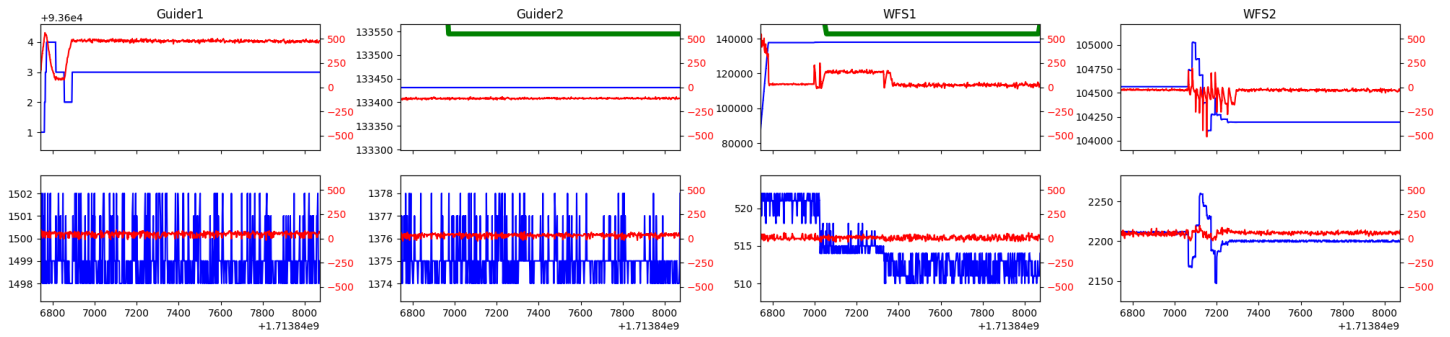
1.6 385

Trajectory 385 for desired Azimuth 264.434946 was loaded at 03:50:41.00. The go_next command was sent at 03:50:47.168 and took 94.583 seconds to complete. The setup took 159.73 seconds at an actual azimuth of 264.435141 The trajectory was cancelled at 04:31:28.70. The trajectory was stopped at 04:31:34.23 with the message "Reached end of track."



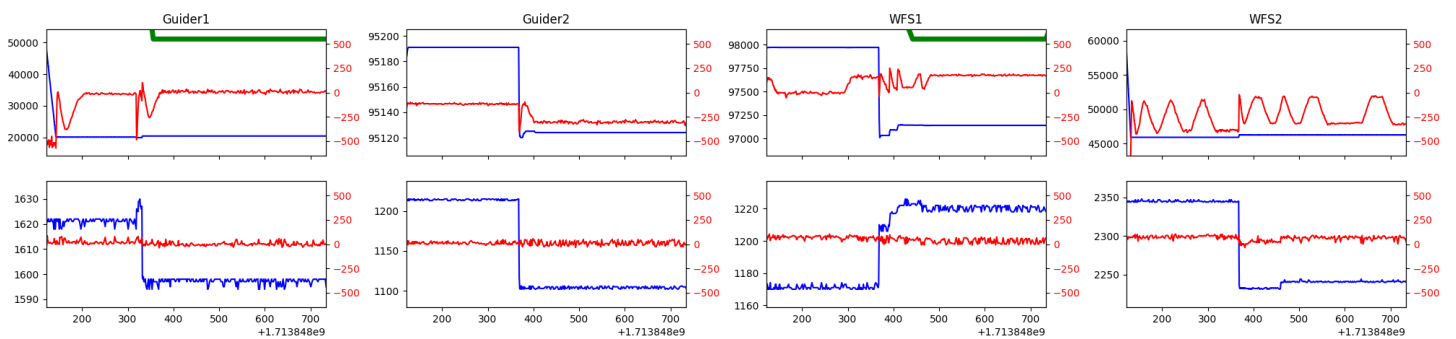
1.7 942

Trajectory 942 for desired Azimuth 70.389924 was loaded at 04:31:37.58. The go_next command was sent at 04:31:43.820 and took 177.599 seconds to complete. The setup took 109.00 seconds at an actual azimuth of 70.390549 The trajectory was cancelled at 04:54:32.04. The trajectory was stopped at 04:54:37.70 with the message "Reached end of track."



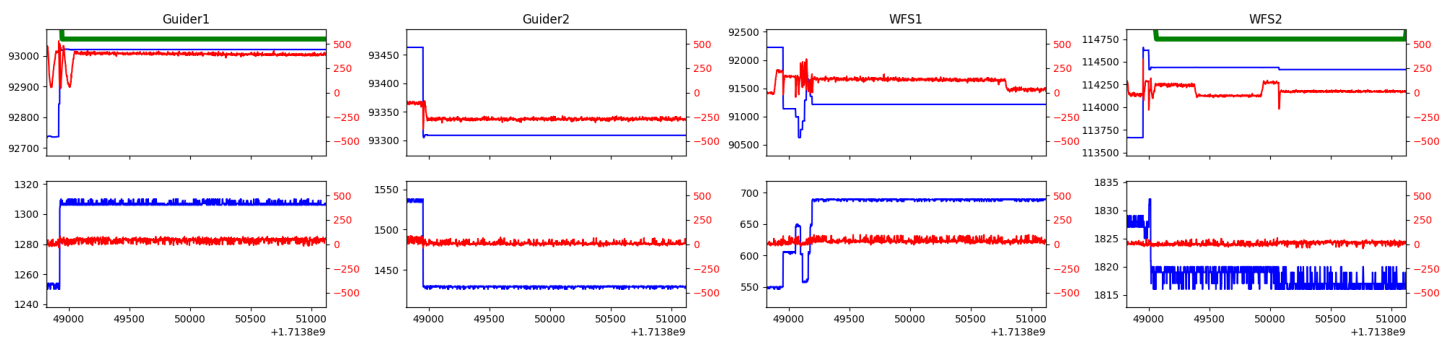
1.8 518

Trajectory 518 for desired Azimuth 289.627033 was loaded at 04:54:40.31. The go_next command was sent at 04:54:46.618 and took 158.992 seconds to complete. The setup took 142.24 seconds at an actual azimuth of 289.628389 The trajectory was cancelled at 05:05:33.99. The trajectory was stopped at 05:05:40.25 with the message "Reached end of track."



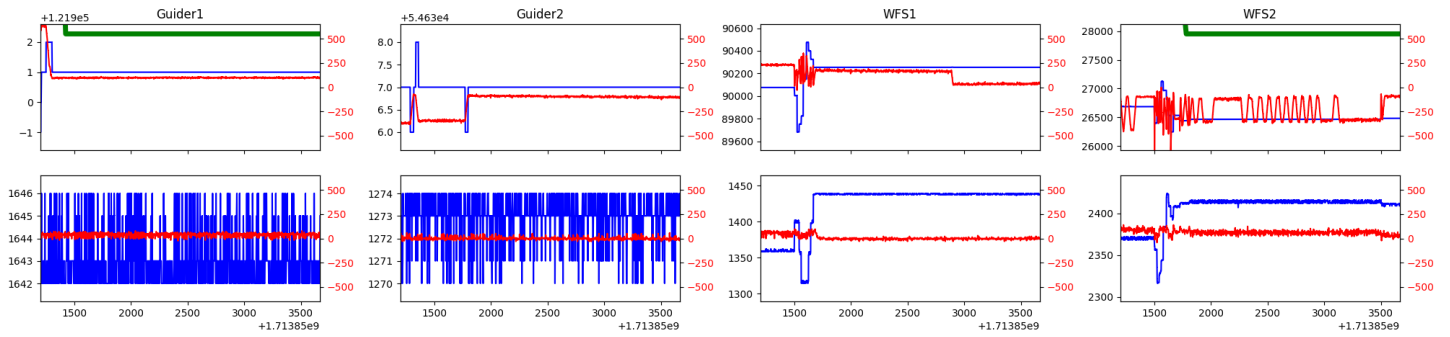
1.9 947

Trajectory 947 for desired Azimuth 232.204796 was loaded at 05:05:42.38. The go_next command was sent at 05:05:48.712 and took 92.463 seconds to complete. The setup took 141.42 seconds at an actual azimuth of 232.206981 The trajectory was cancelled at 05:45:20.30. The trajectory was stopped at 05:45:26.12 with the message "Reached end of track."



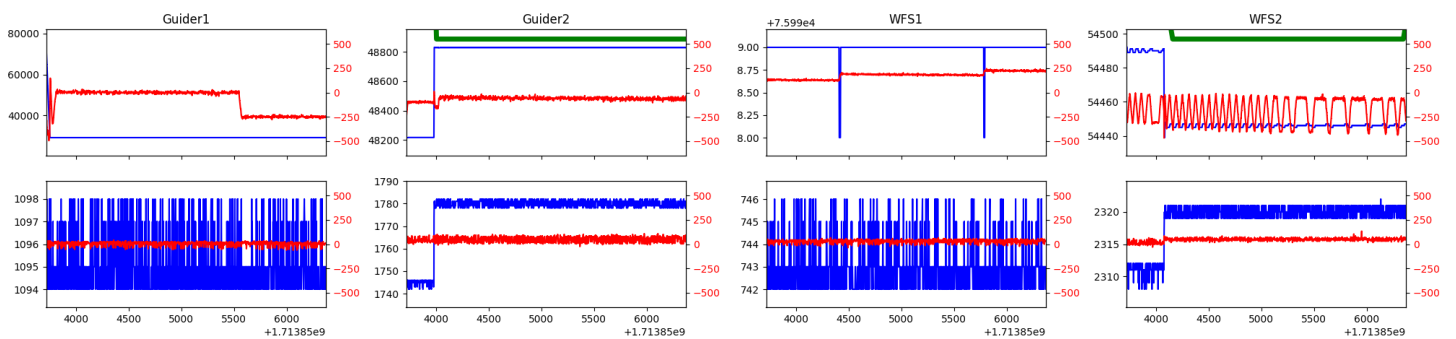
1.10 202

Trajectory 202 for desired Azimuth 98.3373 was loaded at 05:45:28.44. The go_next command was sent at 05:45:34.782 and took 152.950 seconds to complete. The setup took 161.99 seconds at an actual azimuth of 98.350362 The trajectory was cancelled at 06:27:46.13. The trajectory was stopped at 06:27:51.50 with the message "Reached end of track."



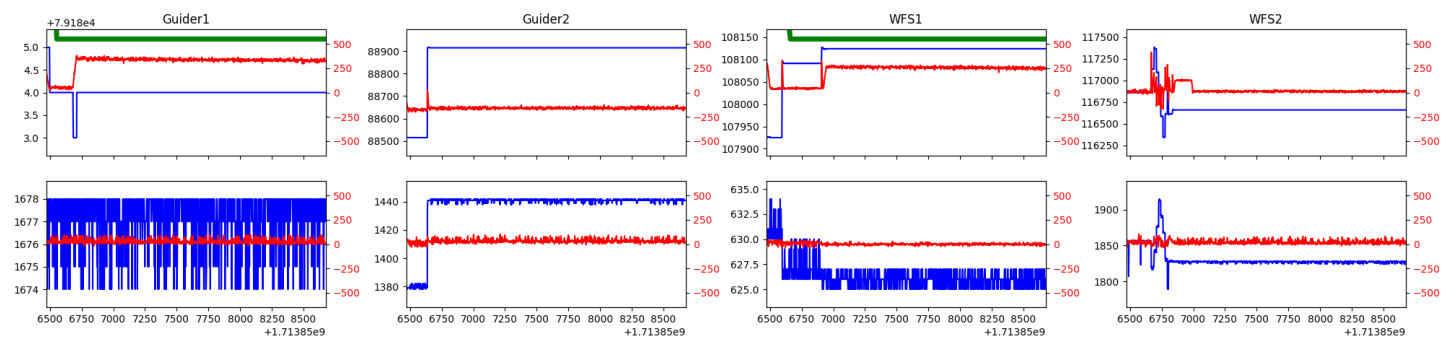
1.11 540

Trajectory 540 for desired Azimuth 308.687721 was loaded at 06:27:53.74. The go_next command was sent at 06:28:00.026 and took 165.006 seconds to complete. The setup took 176.28 seconds at an actual azimuth of 308.688773 The trajectory was cancelled at 07:12:51.40. The trajectory was stopped at 07:12:56.74 with the message "Reached end of track."



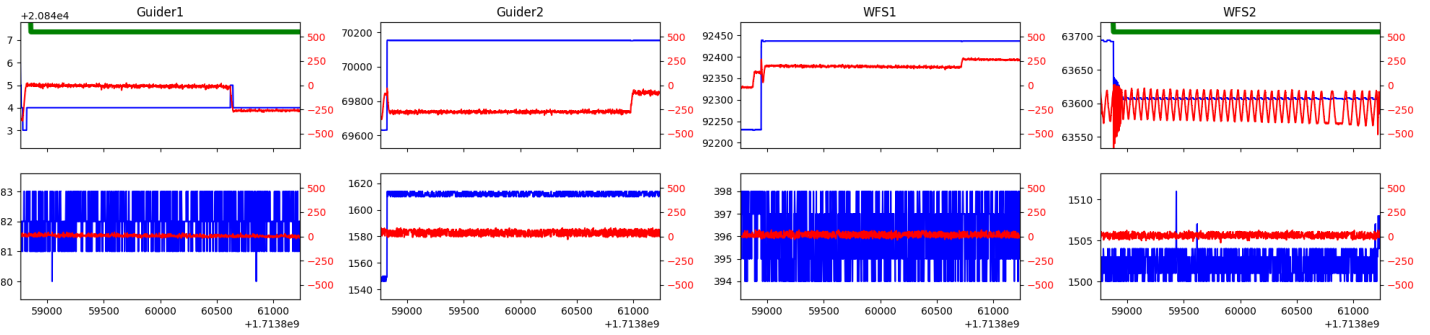
1.12 44

Trajectory 44 for desired Azimuth 312.269942 was loaded at 07:12:59.34. The go_next command was sent at 07:13:05.656 and took 84.969 seconds to complete. The setup took 103.38 seconds at an actual azimuth of 312.270283 The trajectory was cancelled at 07:51:16.40. The trajectory was stopped at 07:51:21.88 with the message "Reached end of track."



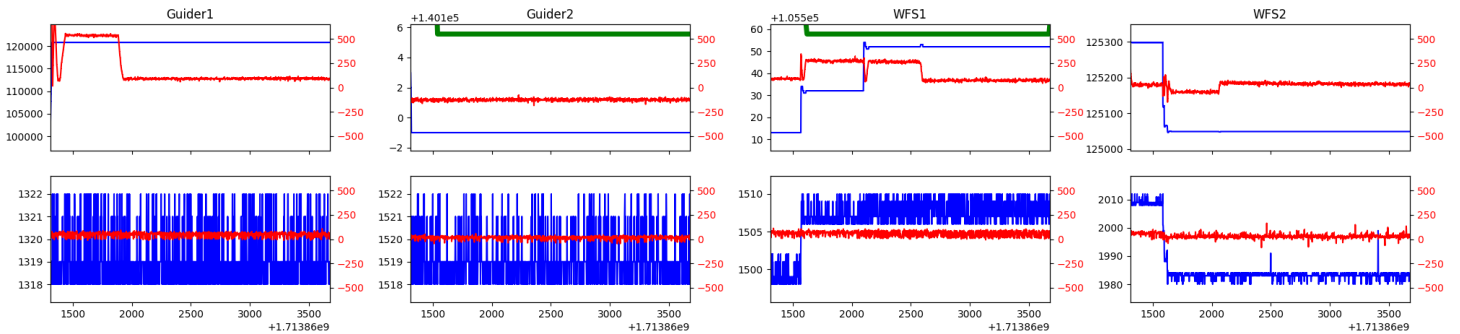
1.13 345

Trajectory 345 for desired Azimuth 313.159042 was loaded at 07:51:24.64. The go_next command was sent at 07:51:30.953 and took 80.546 seconds to complete. The setup took 100.99 seconds at an actual azimuth of 313.155649 The trajectory was cancelled at 08:33:55.68. The trajectory was stopped at 08:34:01.69 with the message "Reached end of track."



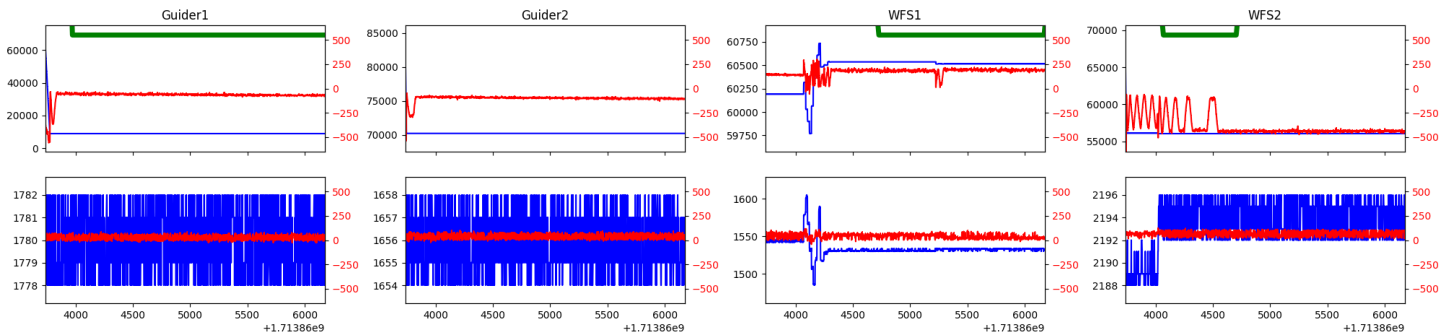
1.14 907

Trajectory 907 for desired Azimuth 97.901955 was loaded at 08:34:03.89. The go_next command was sent at 08:34:10.167 and took 158.836 seconds to complete. The setup took 148.70 seconds at an actual azimuth of 97.902373 The trajectory was cancelled at 09:14:35.06. The trajectory was stopped at 09:14:41.10 with the message "Reached end of track."



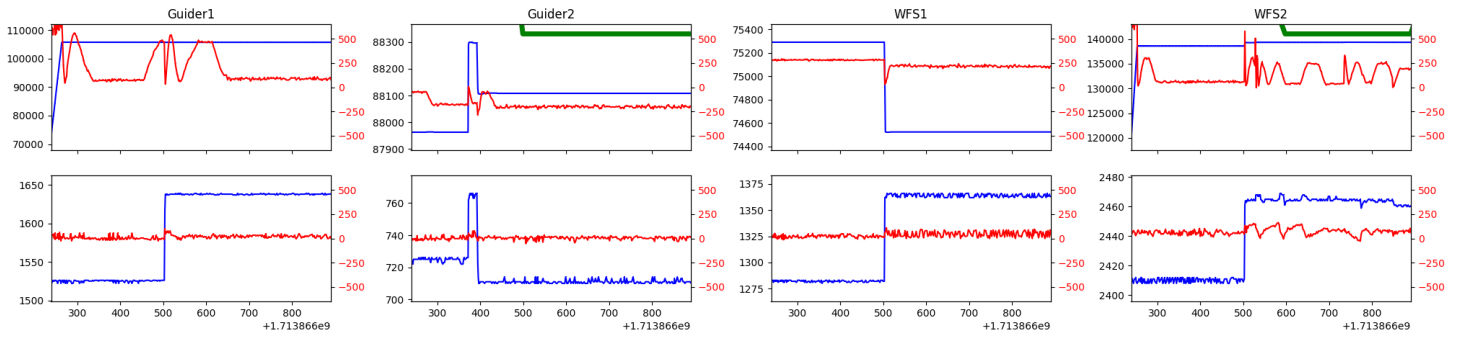
1.15 497

Trajectory 497 for desired Azimuth 294.510872 was loaded at 09:14:43.48. The go_next command was sent at 09:14:49.774 and took 177.006 seconds to complete. The setup took 141.32 seconds at an actual azimuth of 294.512006 The trajectory was cancelled at 09:56:15.33. The trajectory was stopped at 09:56:20.77 with the message "Reached end of track."



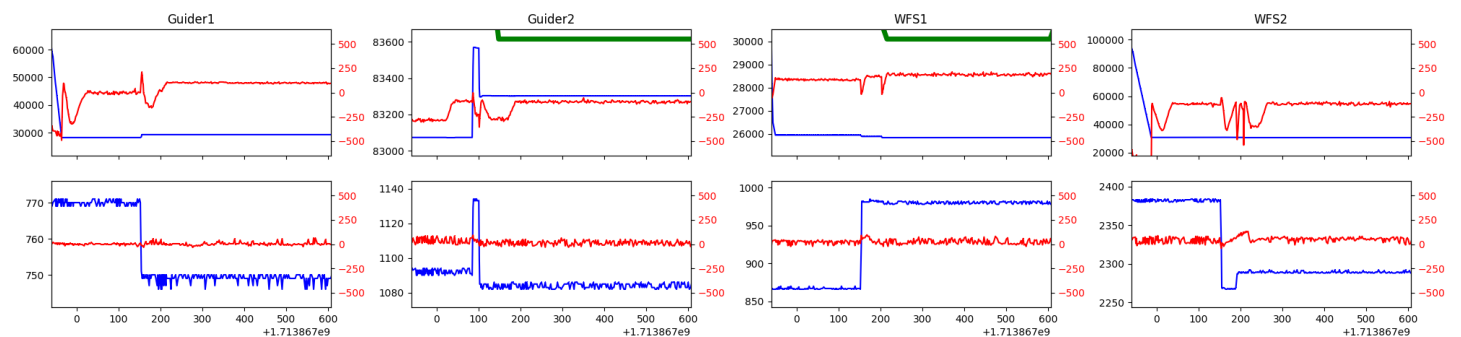
1.16 589

Trajectory 589 for desired Azimuth 11.033411 was loaded at 09:56:23.51. The go_next command was sent at 09:56:29.816 and took 110.979 seconds to complete. The setup took 220.57 seconds at an actual azimuth of 11.034269 The trajectory was cancelled at 10:08:10.17. The trajectory was stopped at 10:08:15.90 with the message "Reached end of track."



1.17 642

Trajectory 642 for desired Azimuth 80.54539 was loaded at 10:08:18.38. The go_next command was sent at 10:08:24.687 and took 104.791 seconds to complete. The setup took 161.51 seconds at an actual azimuth of 80.547552 The trajectory was cancelled at 10:20:06.74. The trajectory was stopped at 10:20:12.13 with the message "Reached end of track."

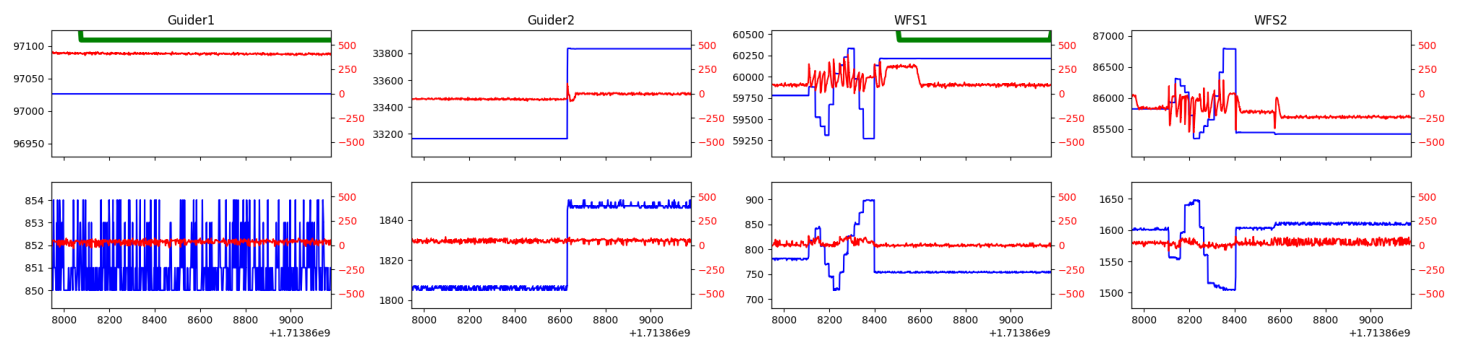


1.18 661

Trajectory 661 for desired Azimuth 76.93027 was loaded at 10:20:14.75. The go_next command was sent at 10:20:21.052. But no ready_time was found. The trajectory was cancelled at 10:24:47.62. The trajectory was stopped at 10:24:53.53 with the message "Reached end of track."

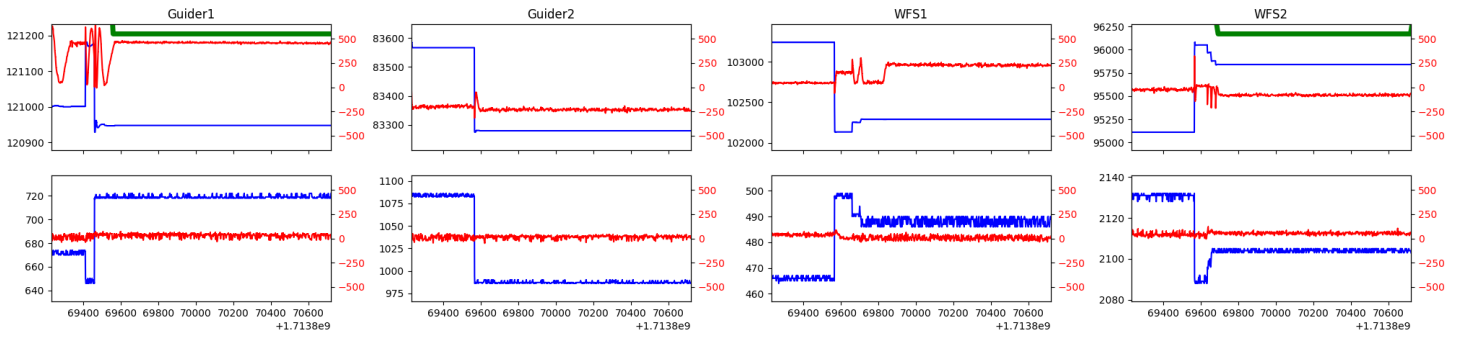
1.19 523

Trajectory 523 for desired Azimuth 76.93027 was loaded at 10:25:03.95. The go_next command was sent at 10:25:10.269 and took 60.478 seconds to complete. The setup took 128.81 seconds at an actual azimuth of 76.928918 The trajectory was cancelled at 10:46:17.26. The trajectory was stopped at 10:46:22.80 with the message "Reached end of track."



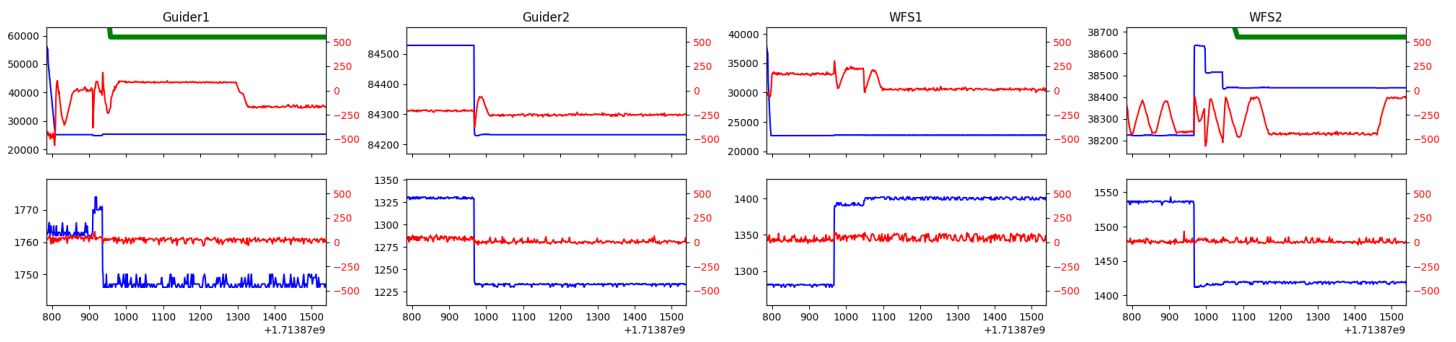
1.20 223

Trajectory 223 for desired Azimuth 319.094121 was loaded at 10:46:25.72. The go_next command was sent at 10:46:32.046 and took 140.998 seconds to complete. The setup took 297.66 seconds at an actual azimuth of 319.096417 The trajectory was cancelled at 11:12:00.26. The trajectory was stopped at 11:12:06.54 with the message "Reached end of track."



1.21 401

Trajectory 401 for desired Azimuth 51.546015 was loaded at 11:12:09.38. The go_next command was sent at 11:12:15.692 and took 122.809 seconds to complete. The setup took 131.94 seconds at an actual azimuth of 51.546041. The trajectory was cancelled at 11:25:38.10. The trajectory was stopped at 11:25:43.80 with the message "Reached end of track."



2 Spectrographs

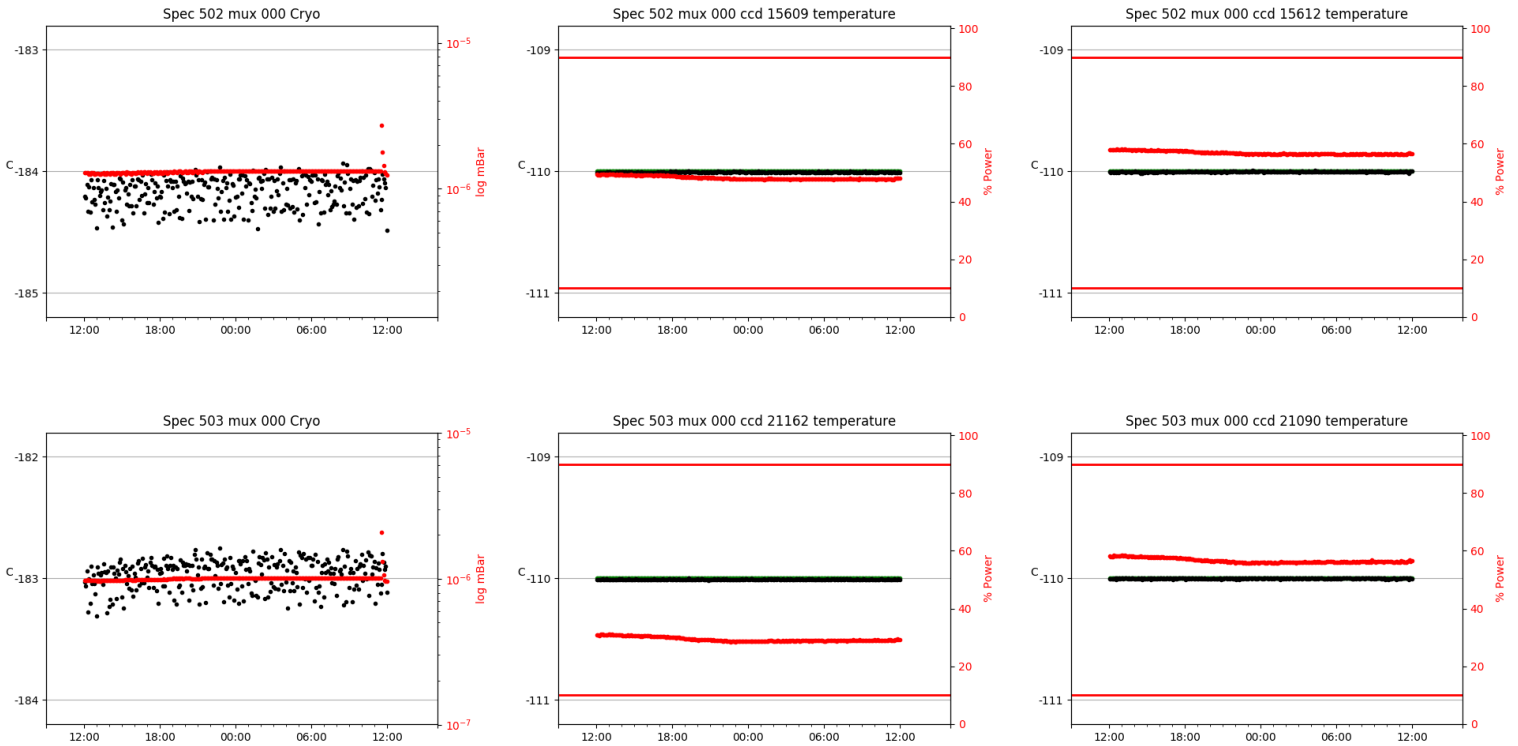
2.1 Legend

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

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

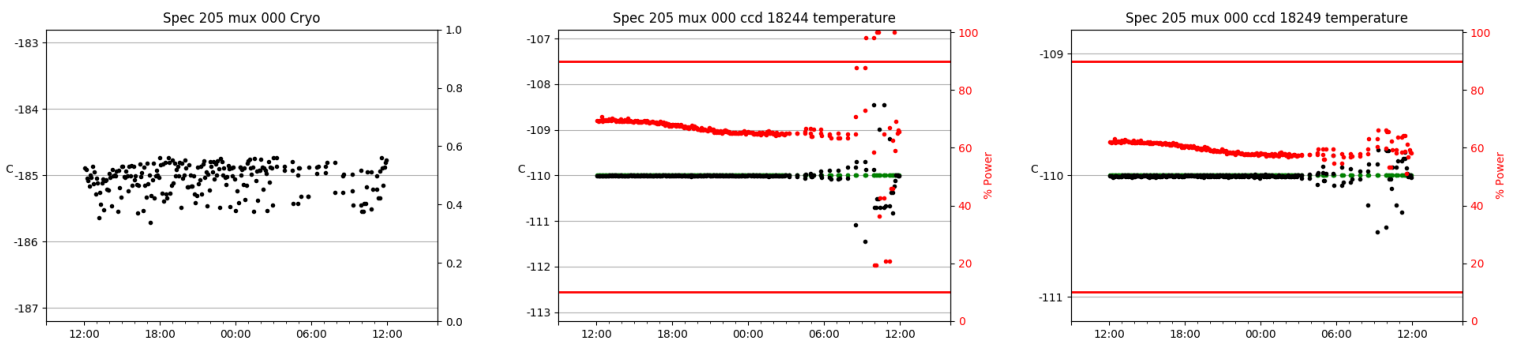
2.2 lrs2

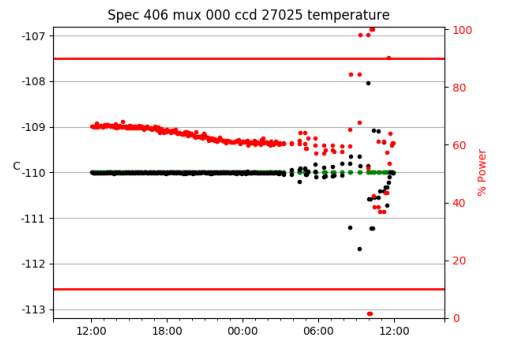
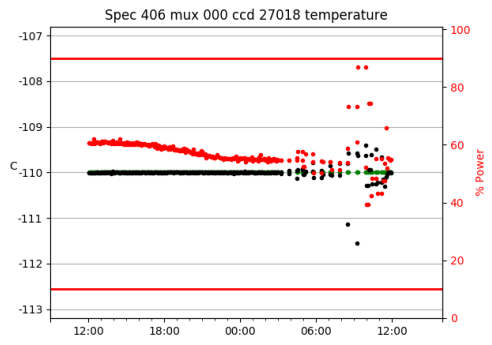
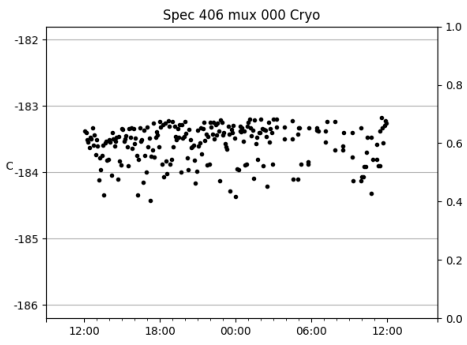
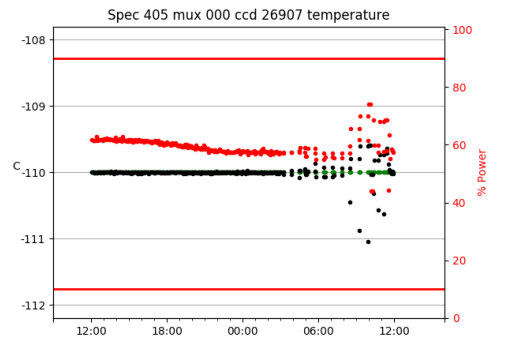
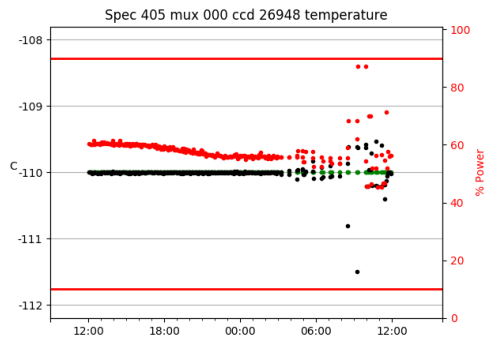
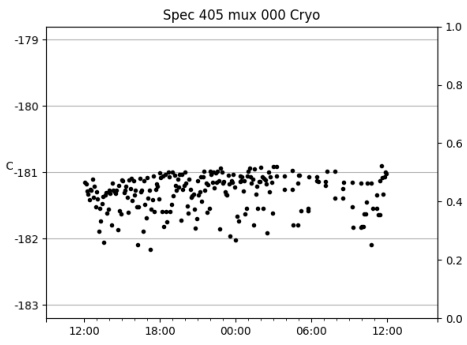
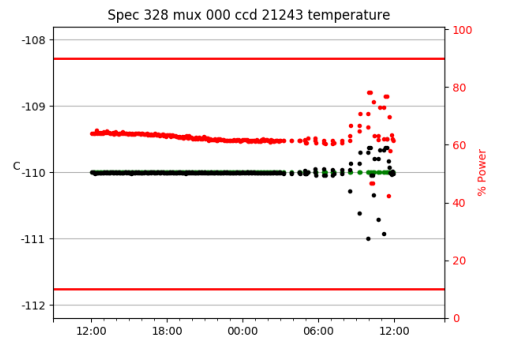
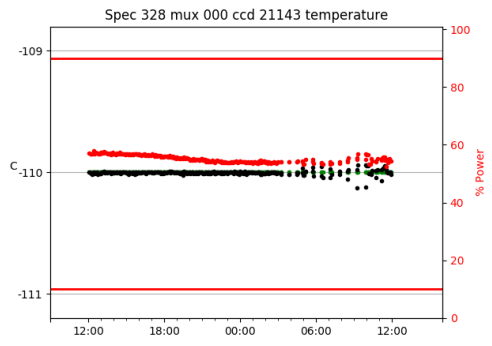
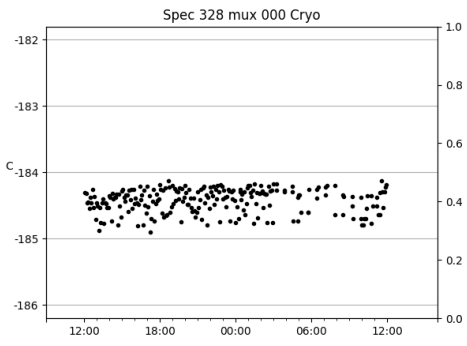
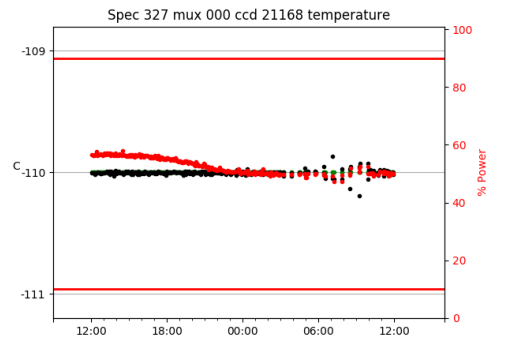
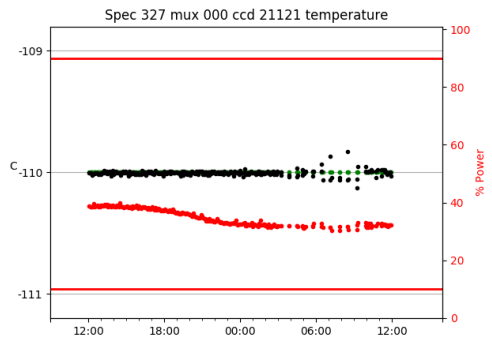
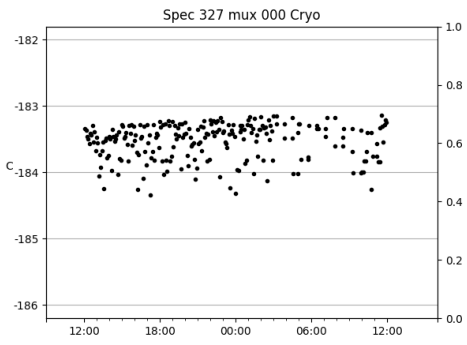
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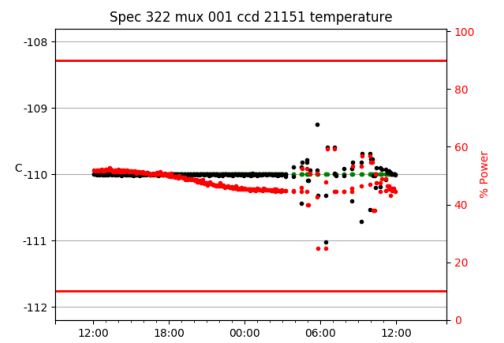
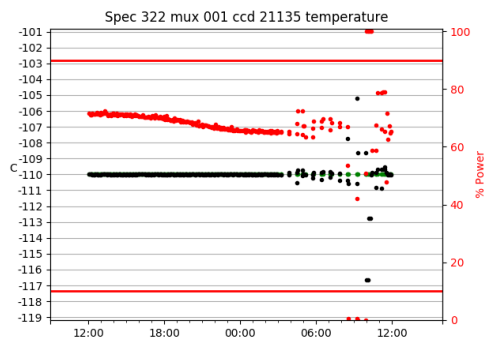
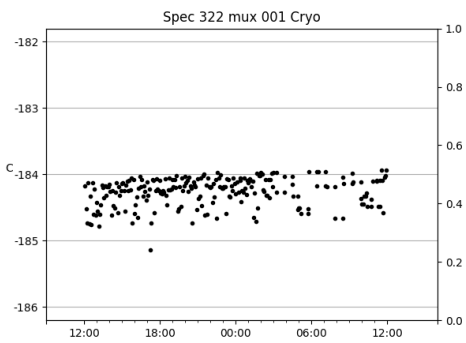
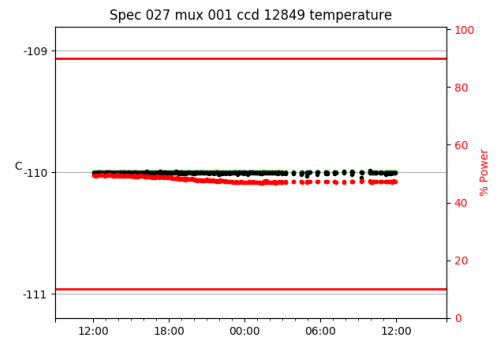
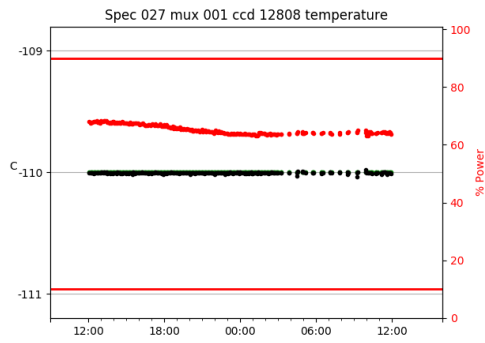
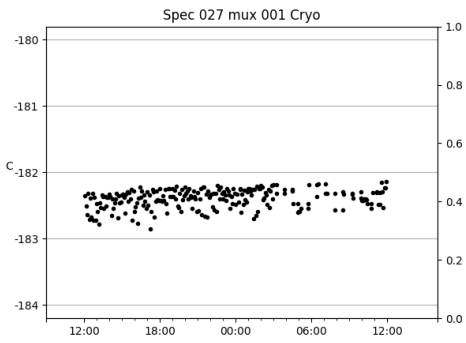
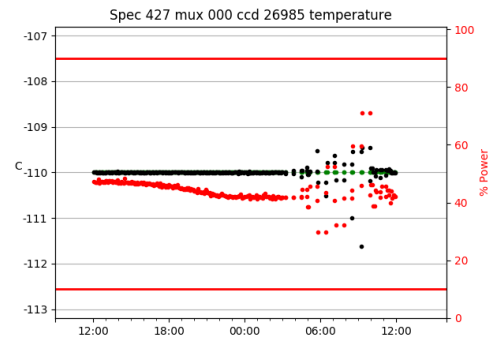
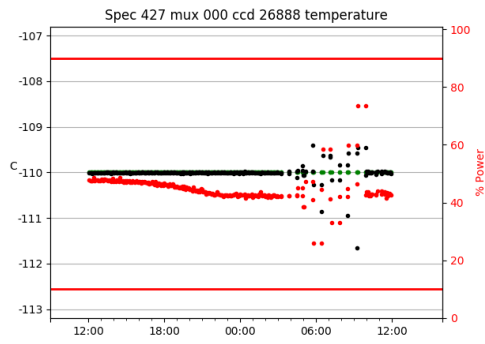
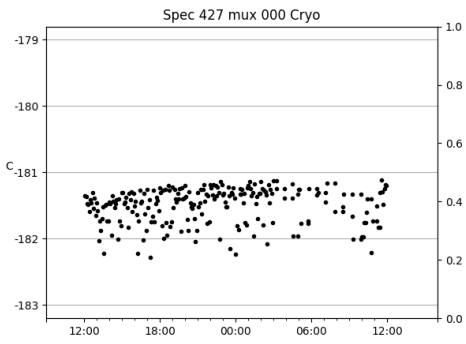
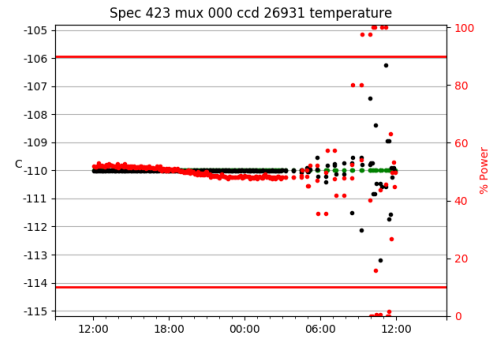
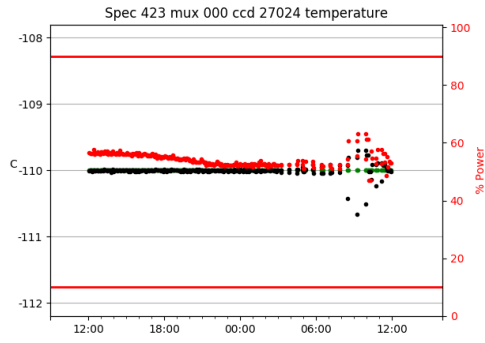
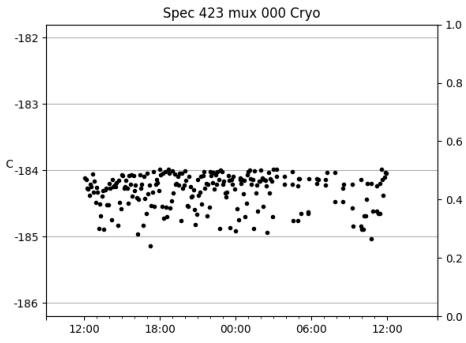


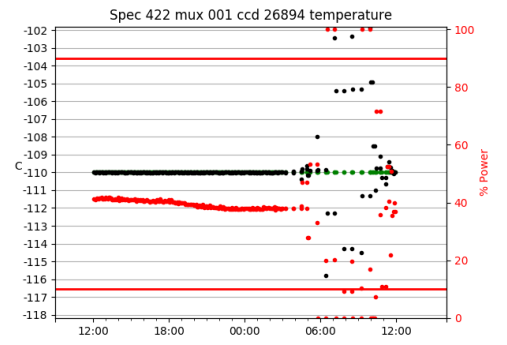
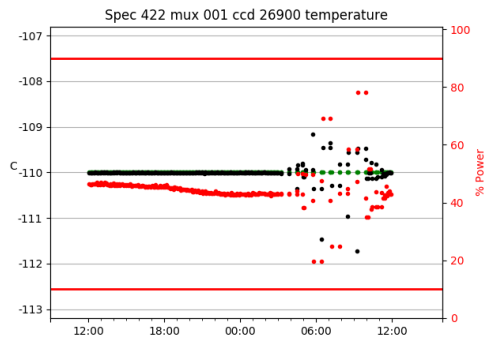
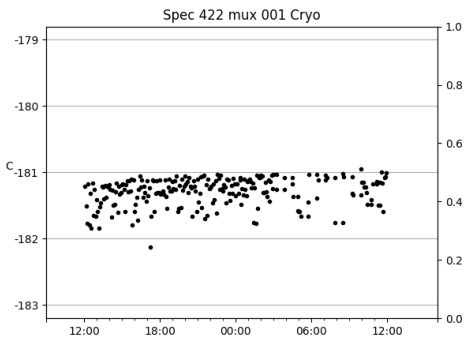
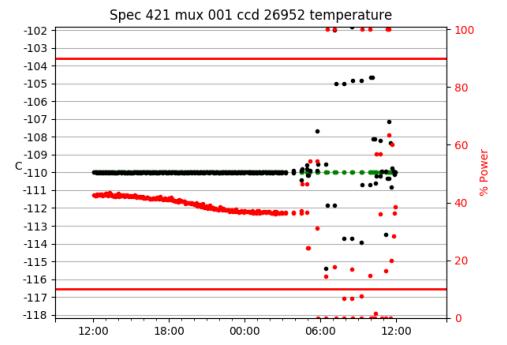
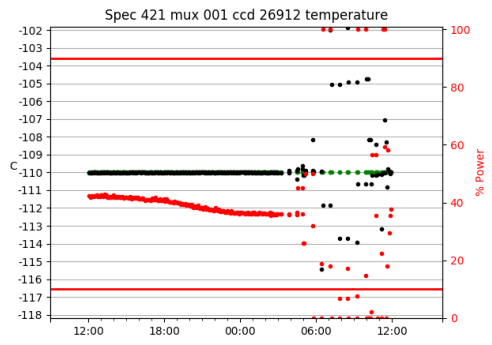
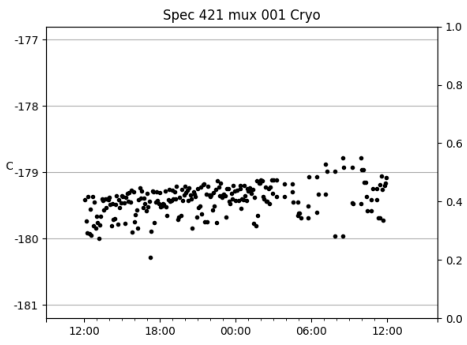
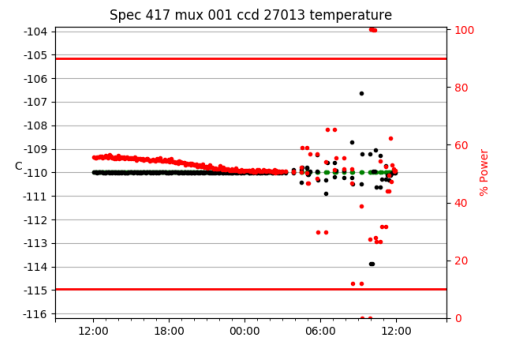
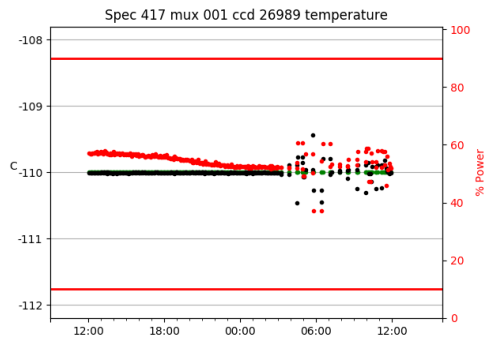
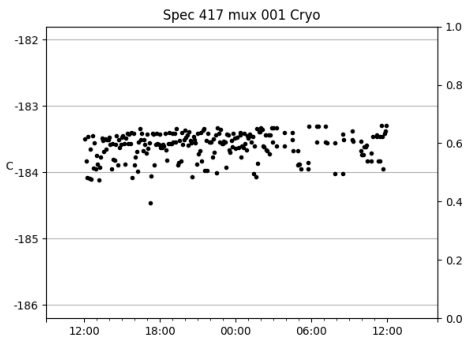
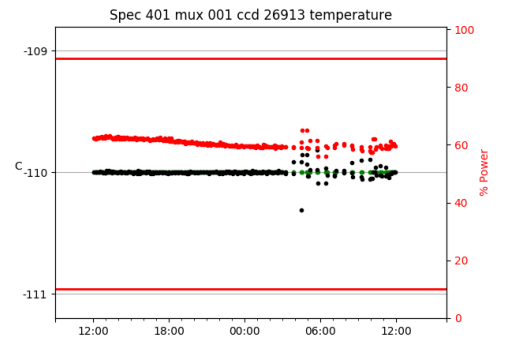
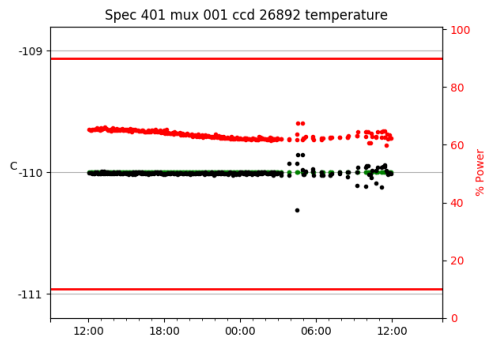
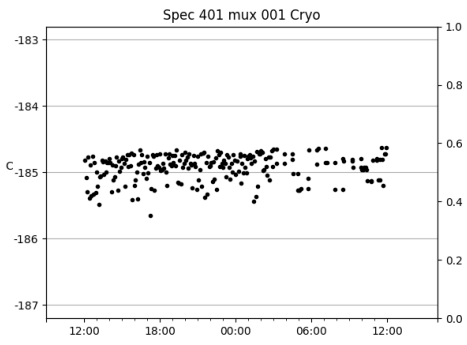
2.3 virus

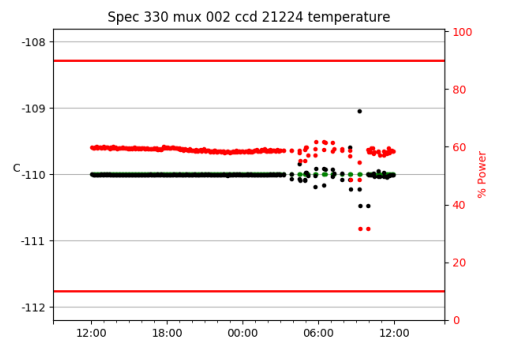
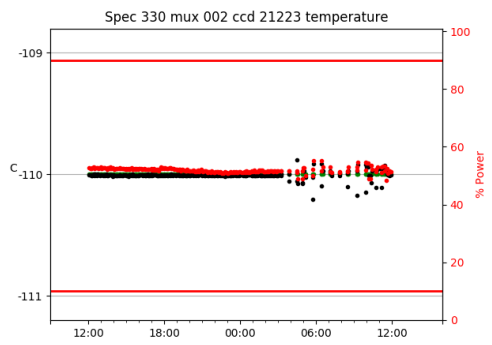
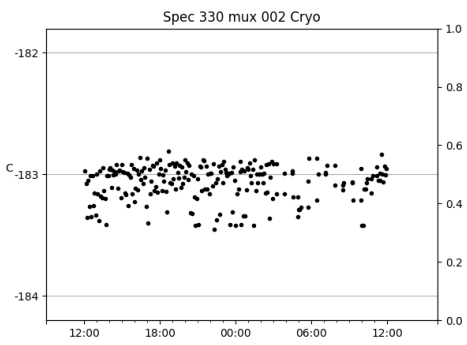
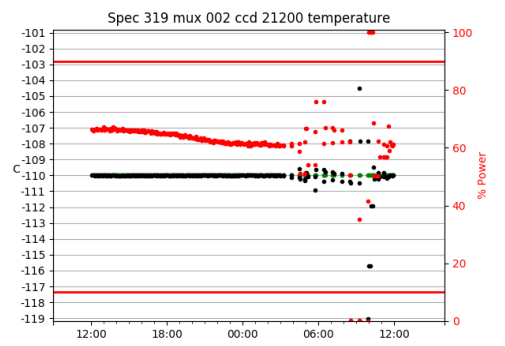
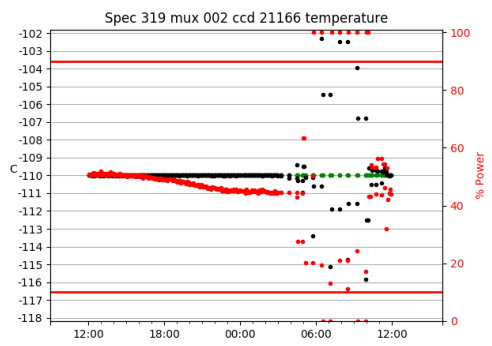
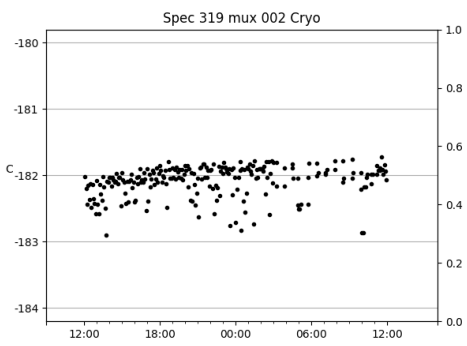
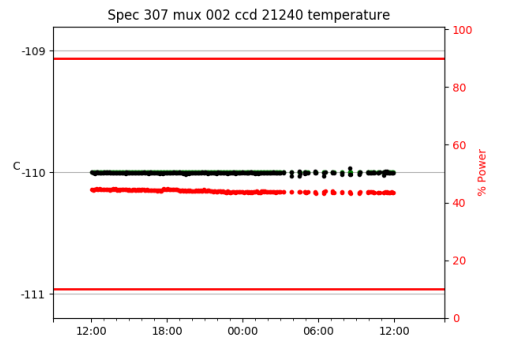
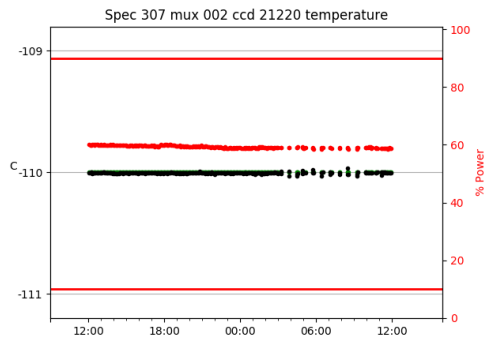
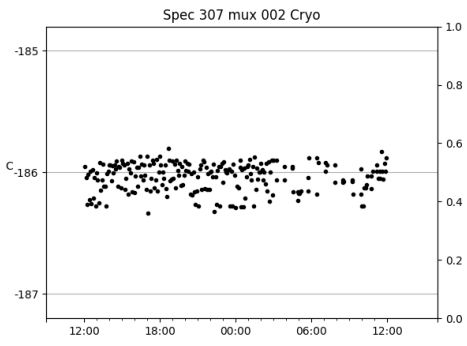
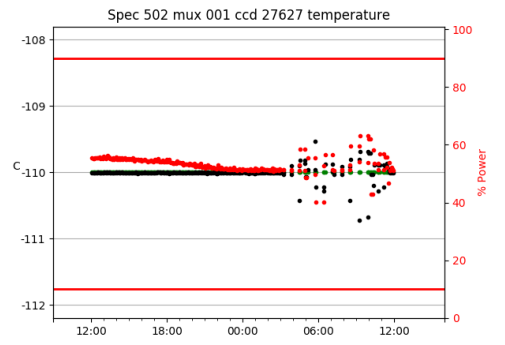
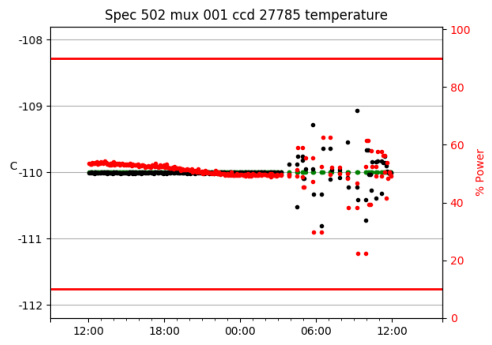
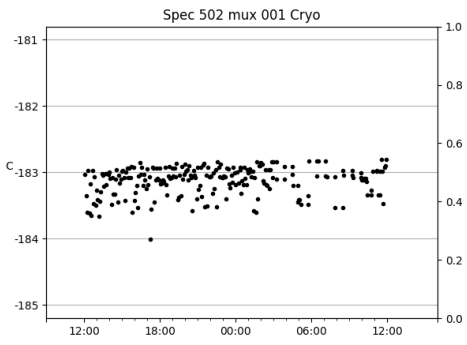
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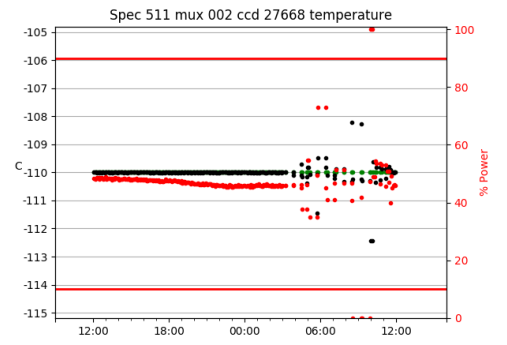
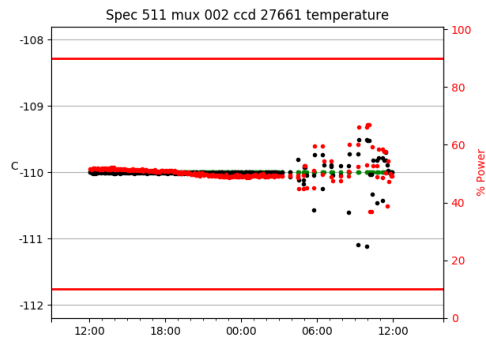
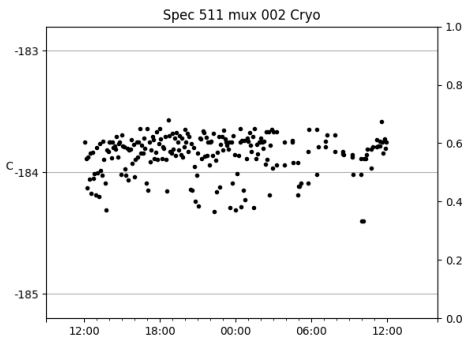
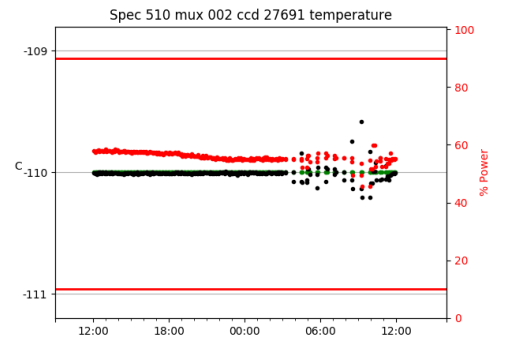
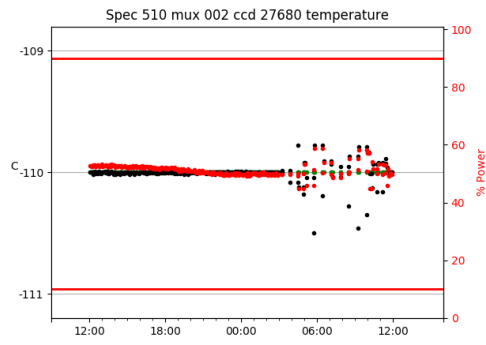
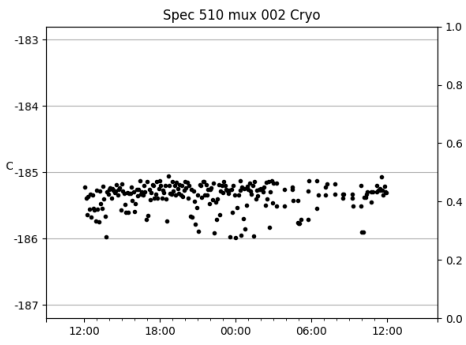
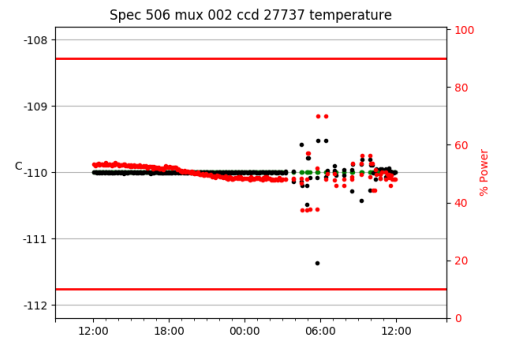
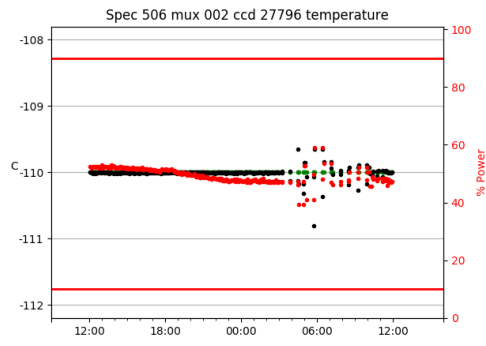
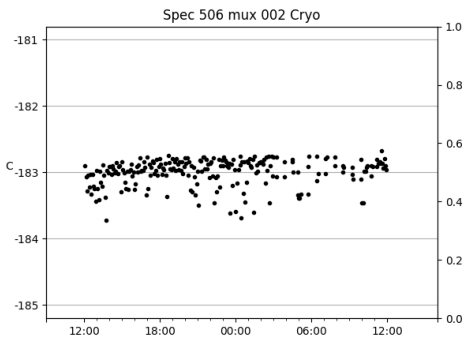
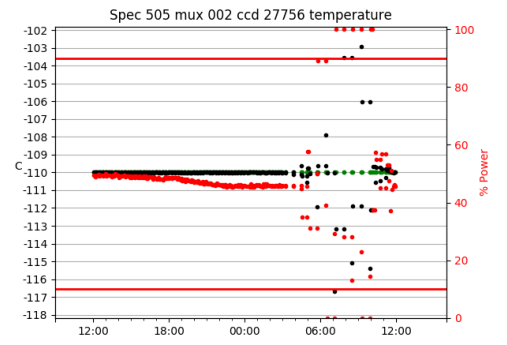
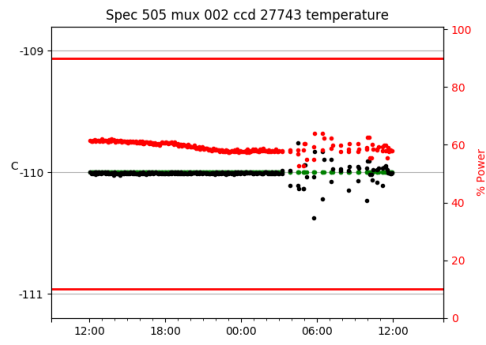
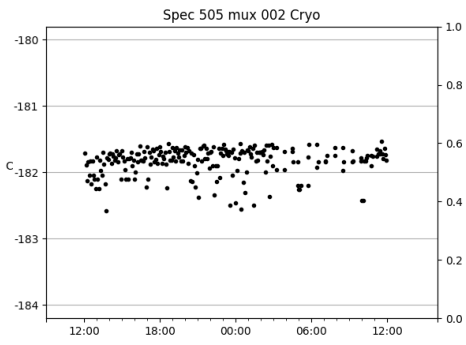


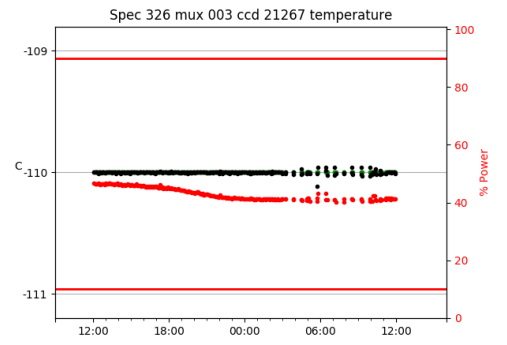
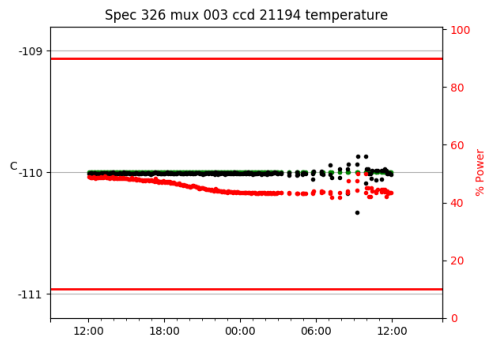
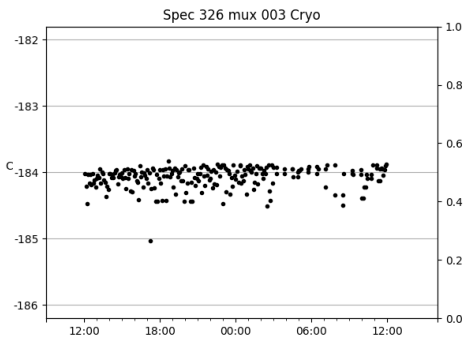
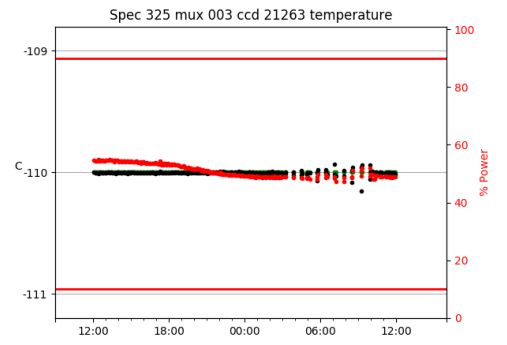
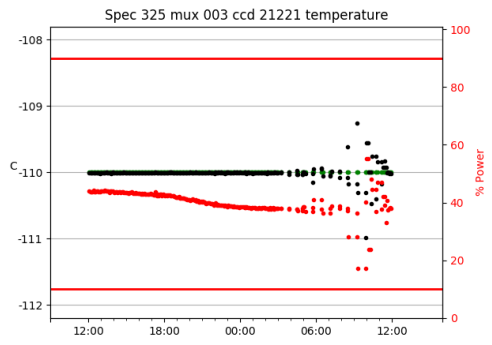
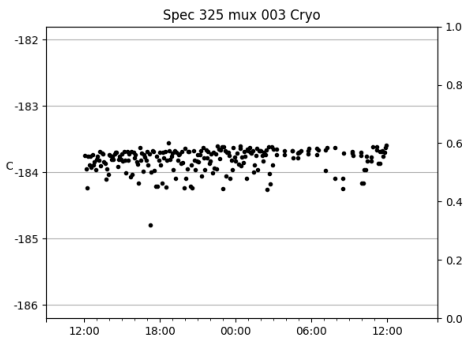
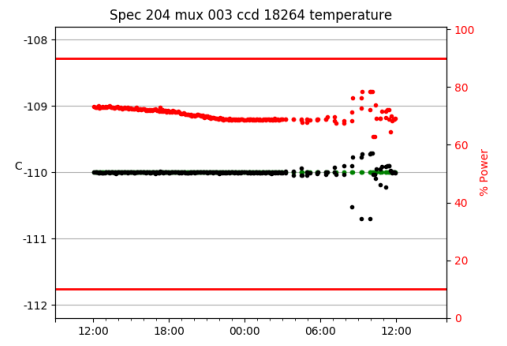
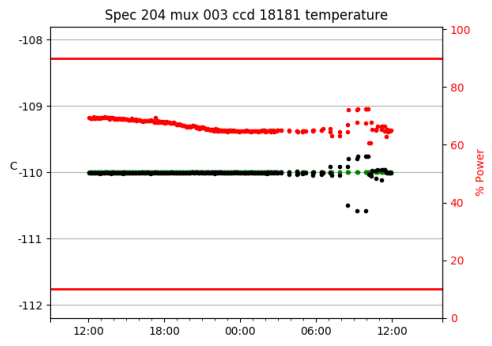
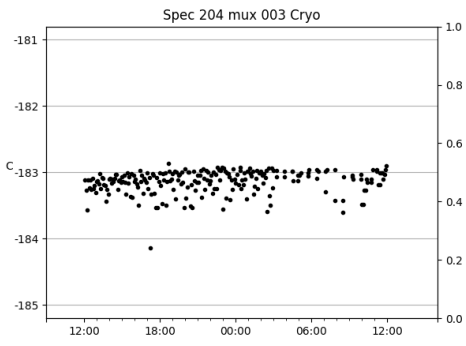
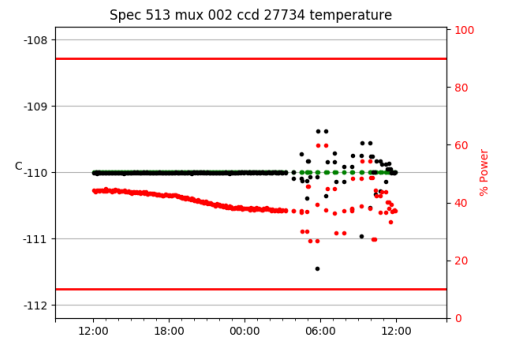
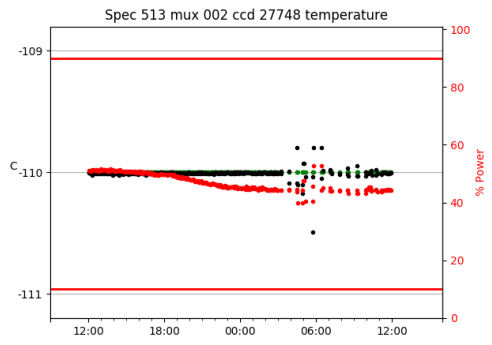
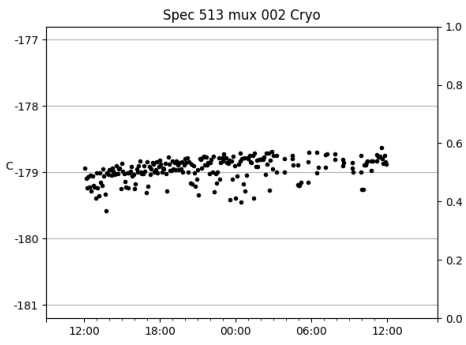


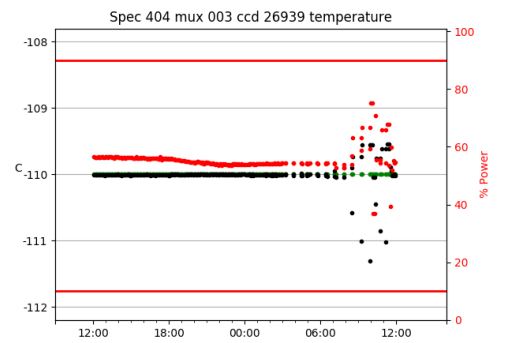
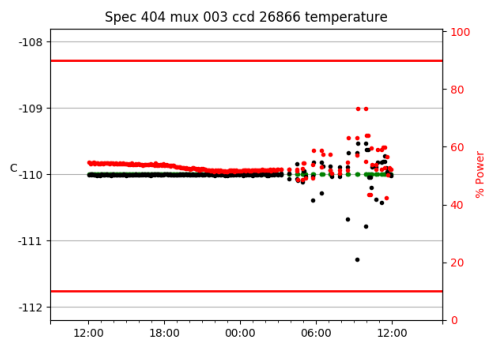
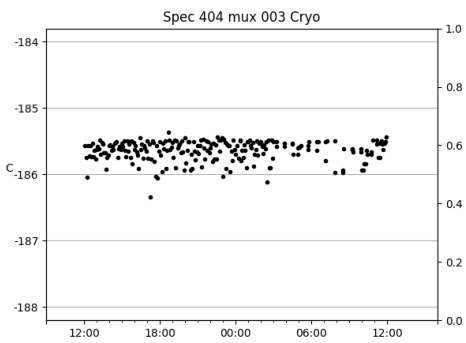
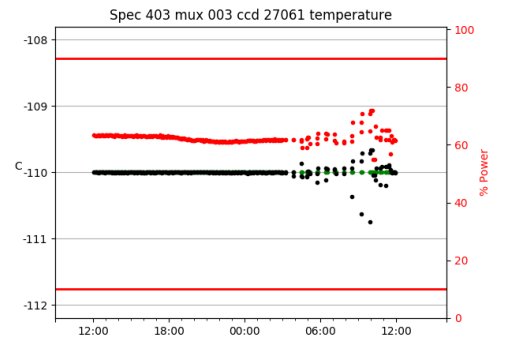
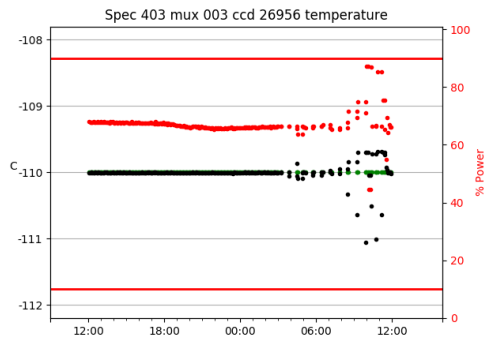
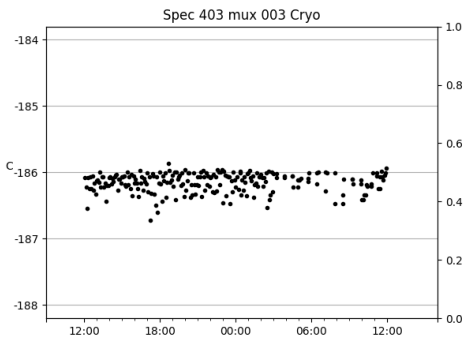
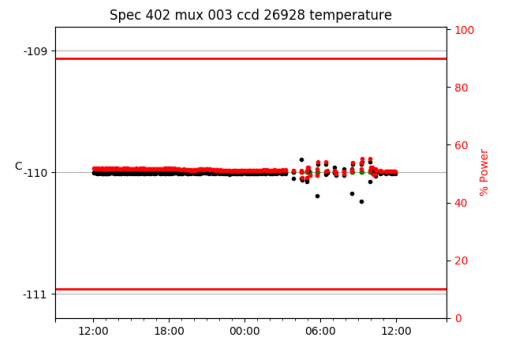
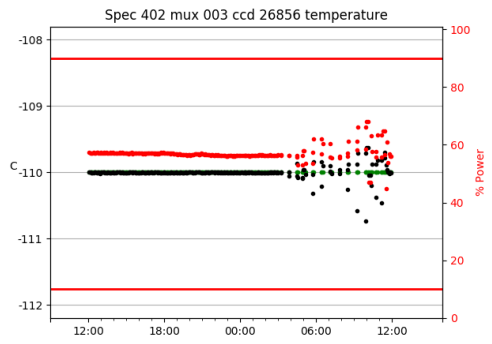
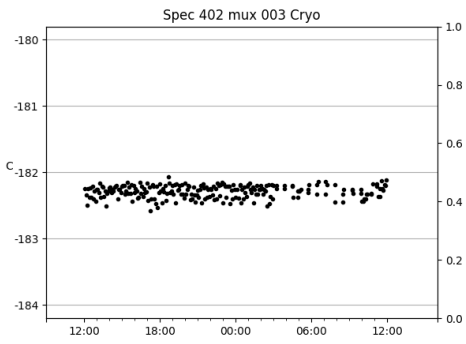
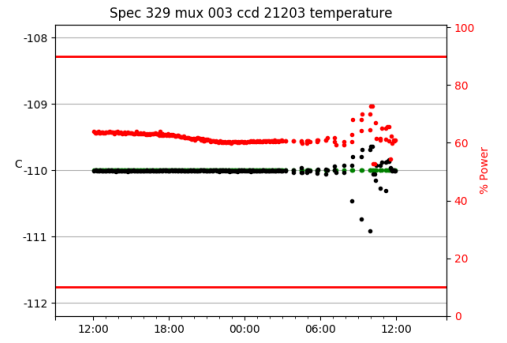
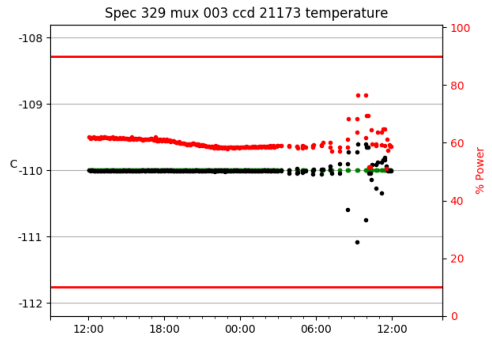
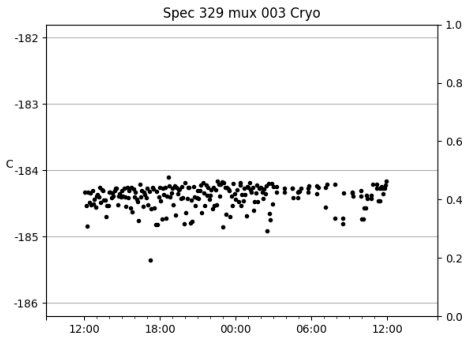


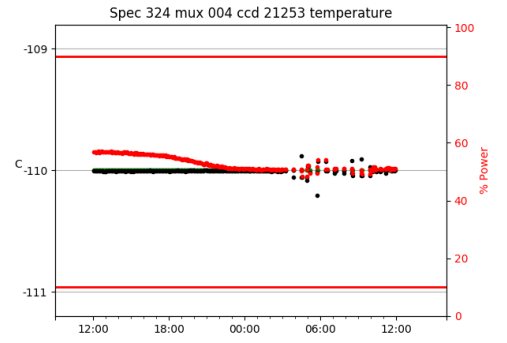
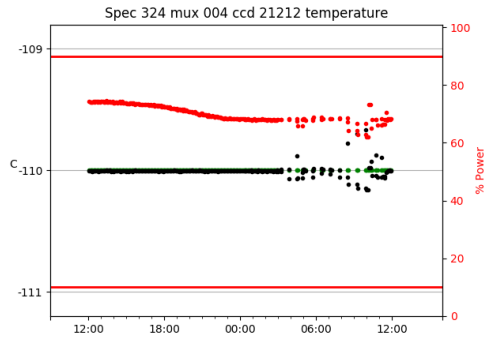
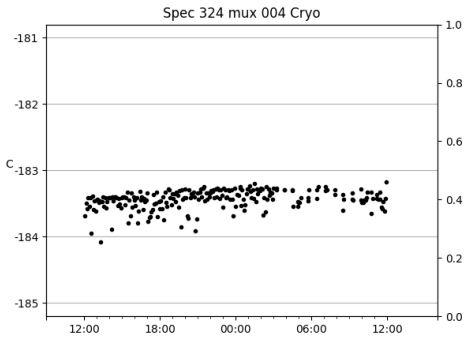
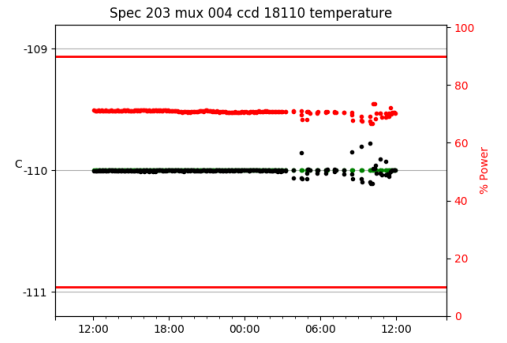
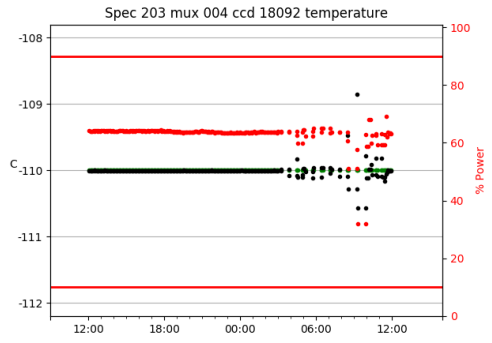
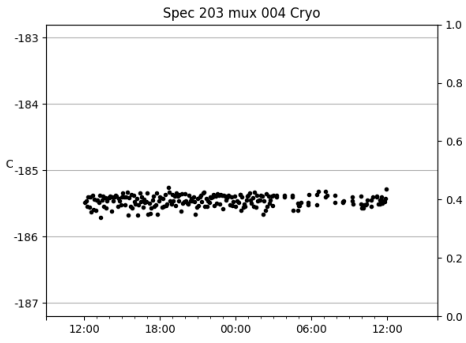
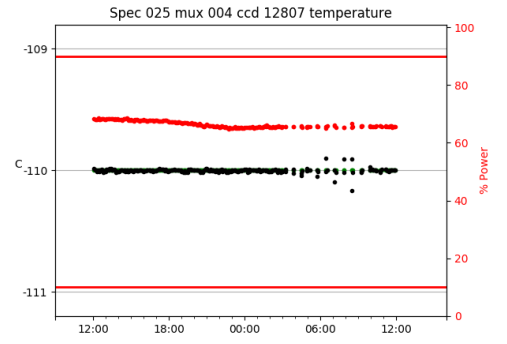
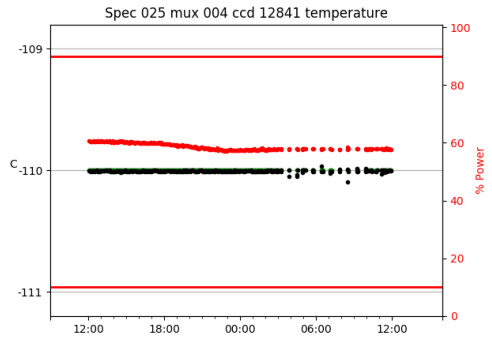
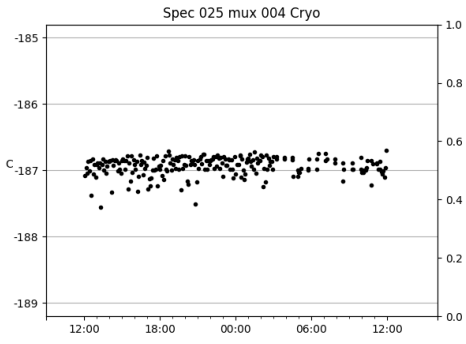
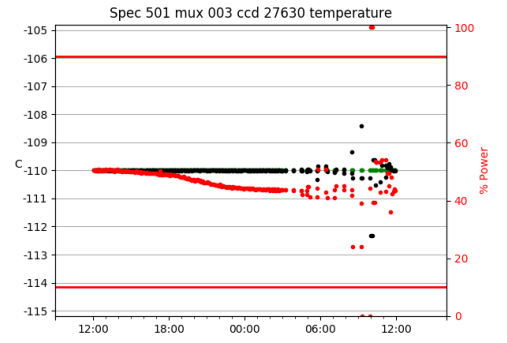
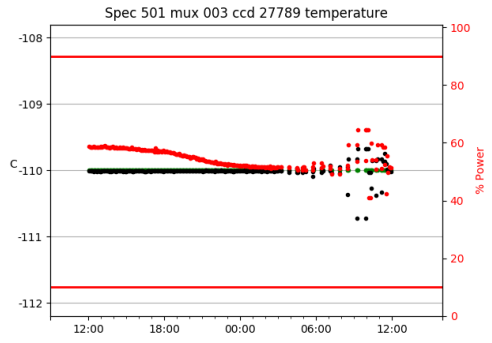
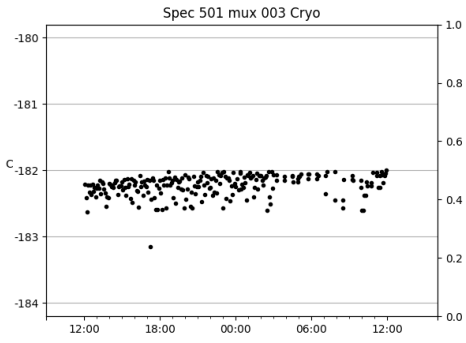


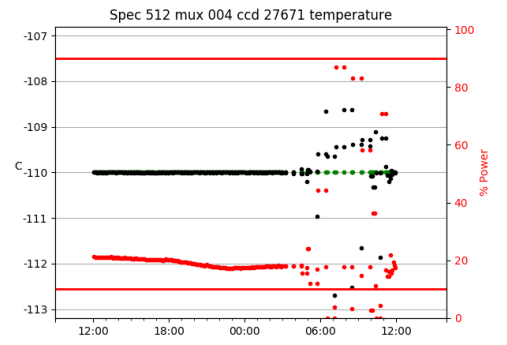
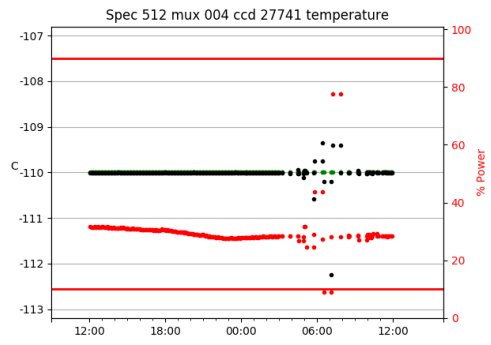
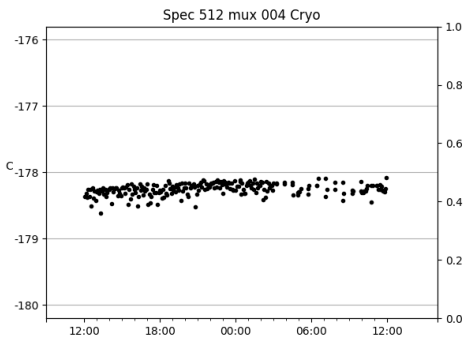
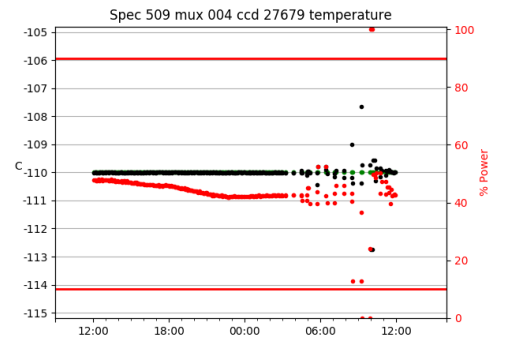
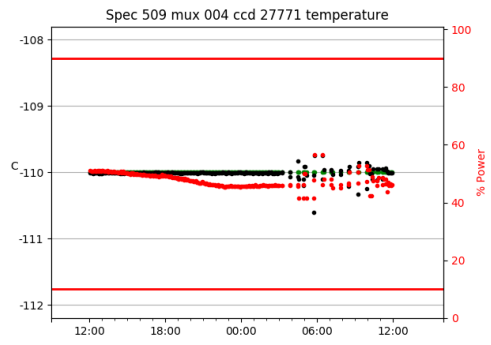
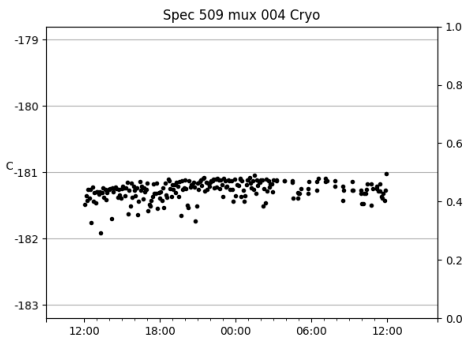
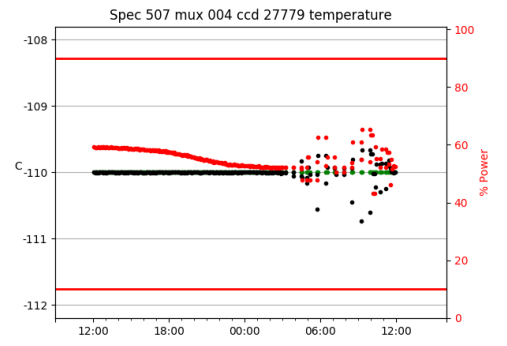
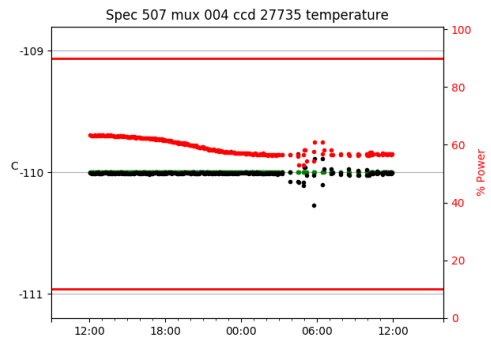
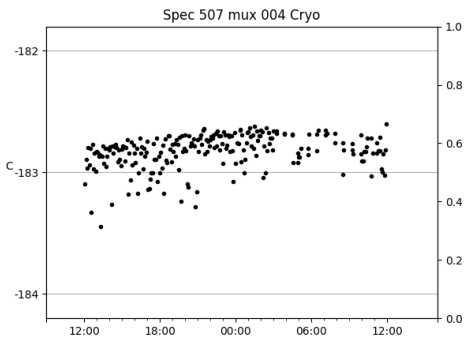
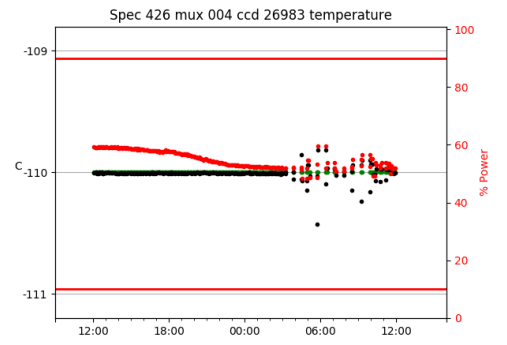
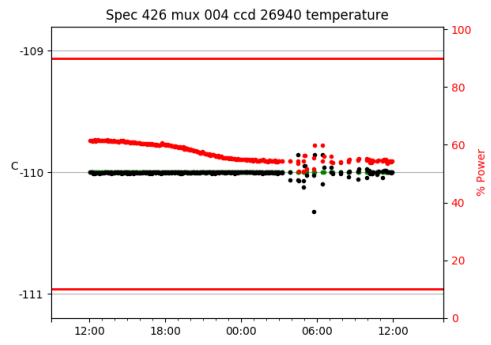
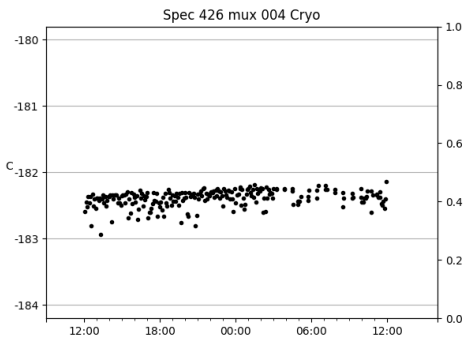


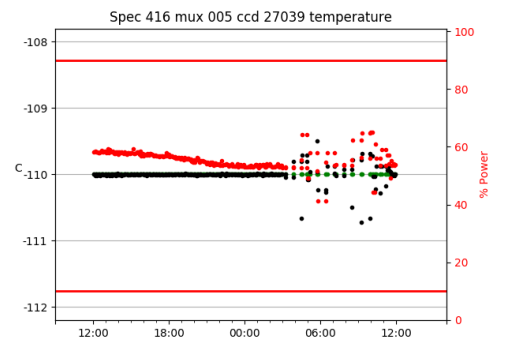
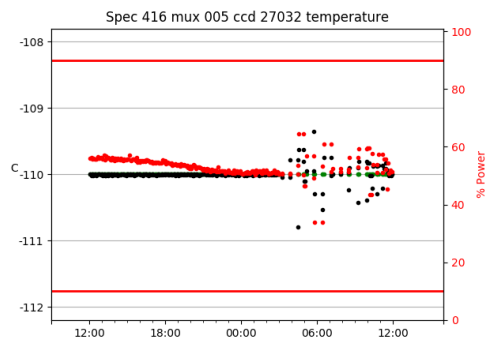
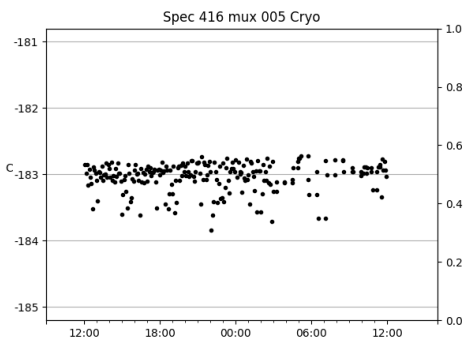
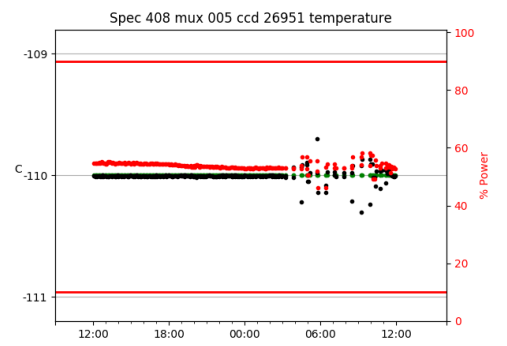
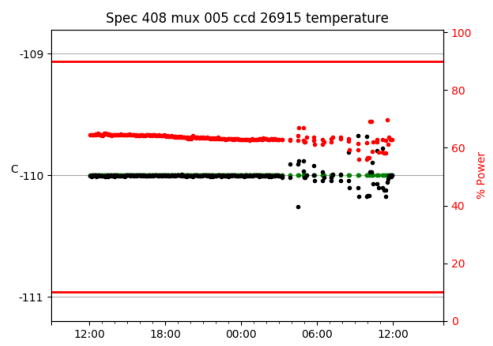
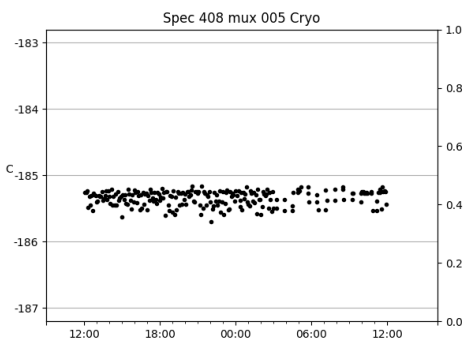
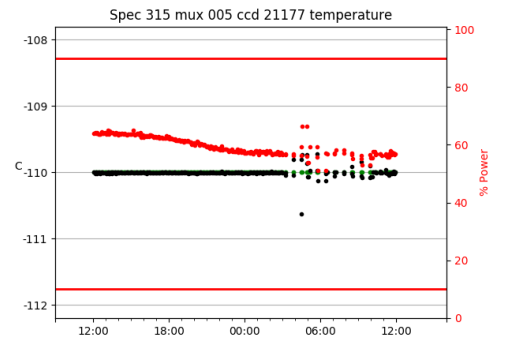
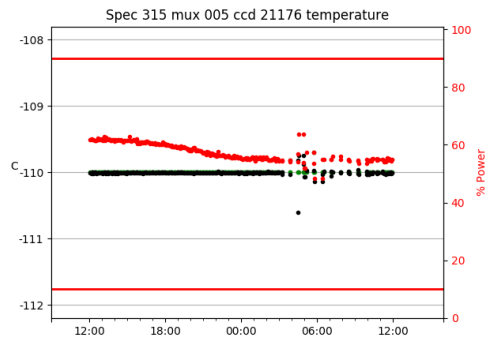
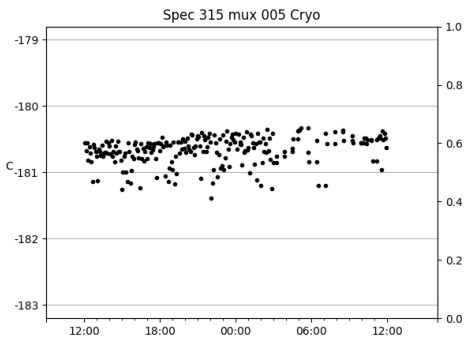
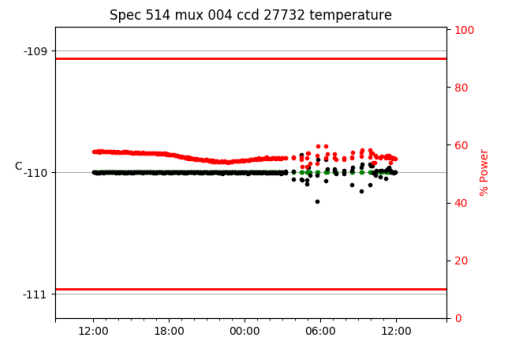
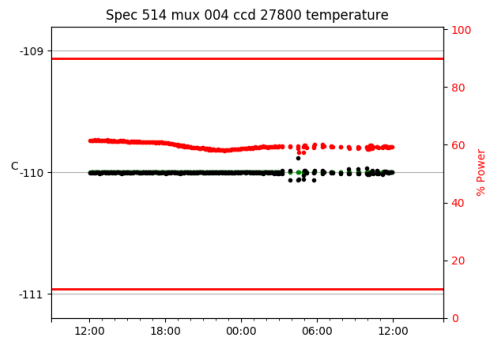
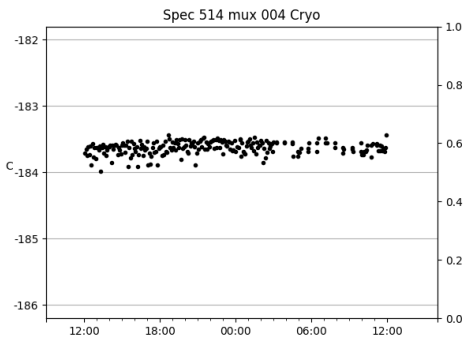


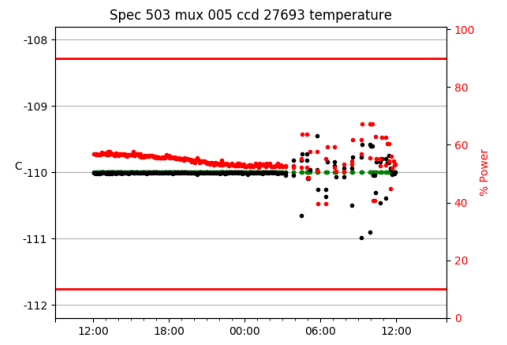
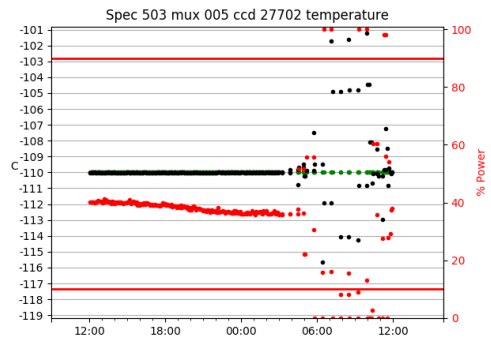
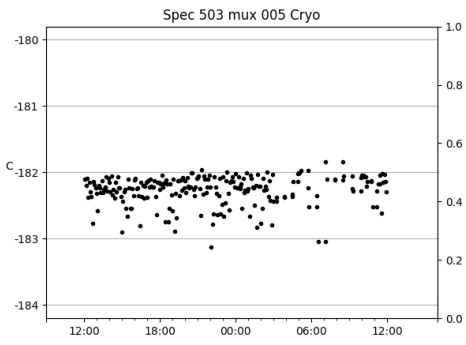
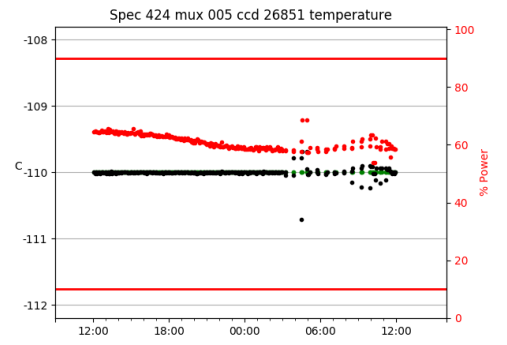
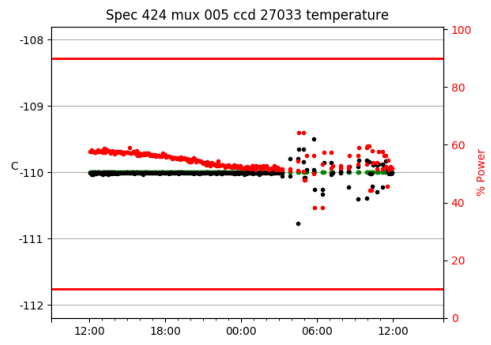
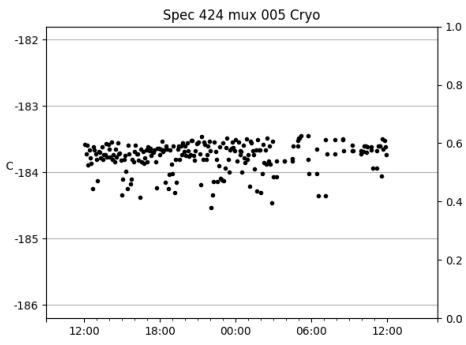
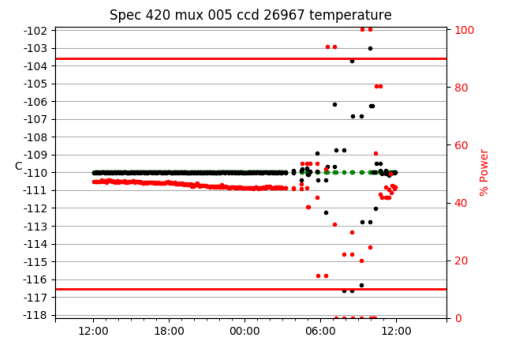
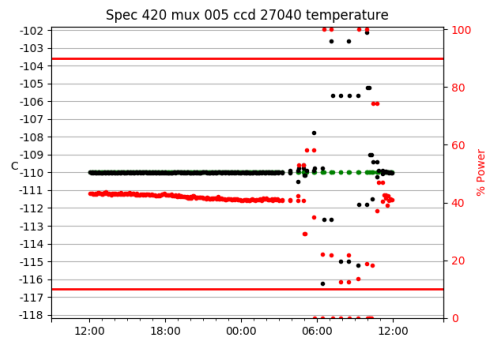
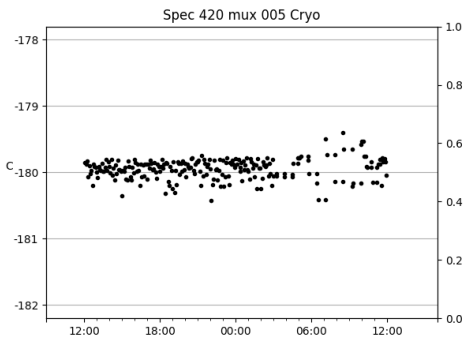
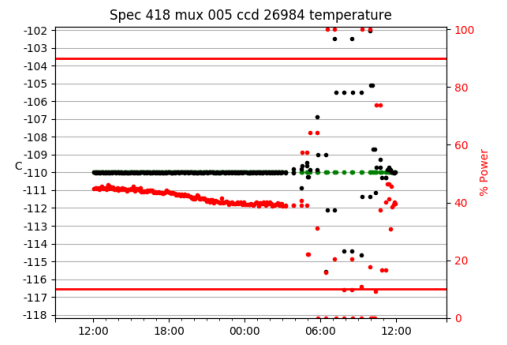
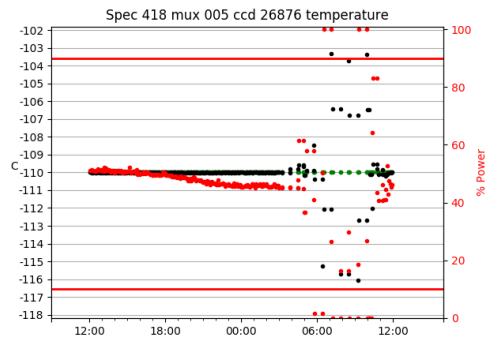
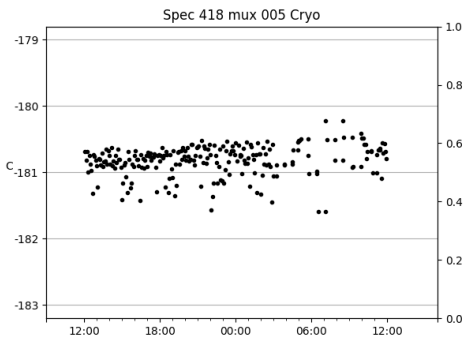


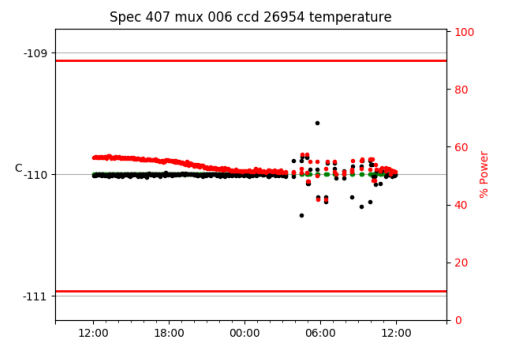
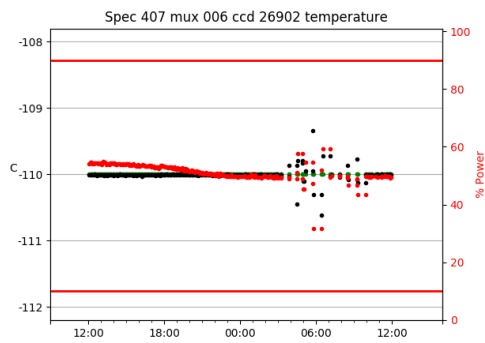
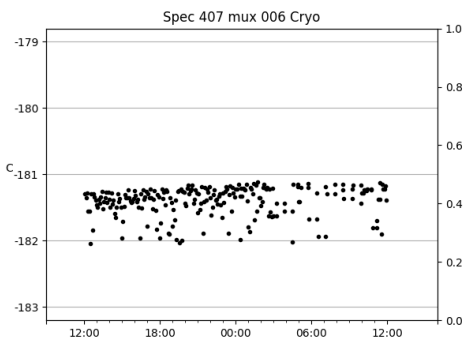
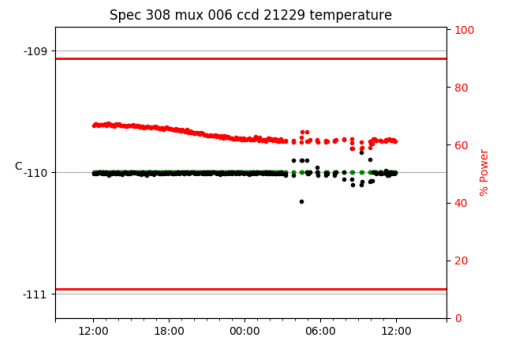
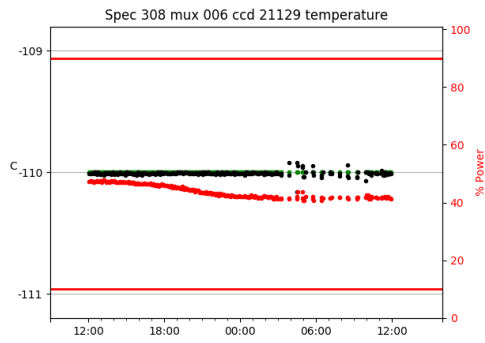
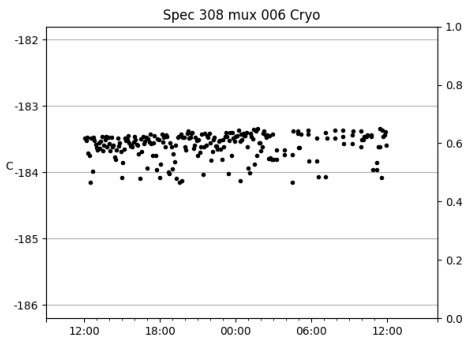
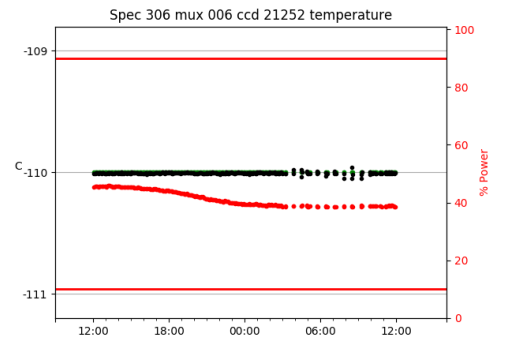
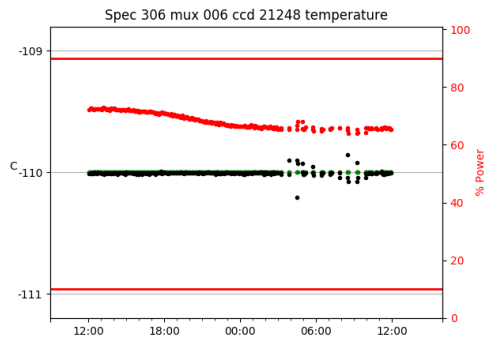
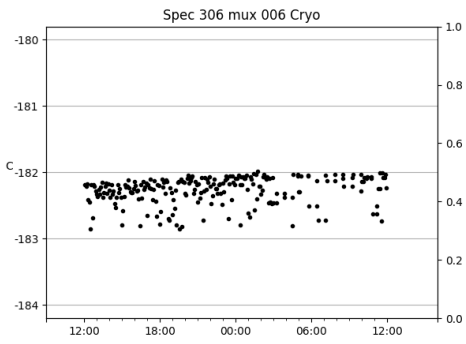
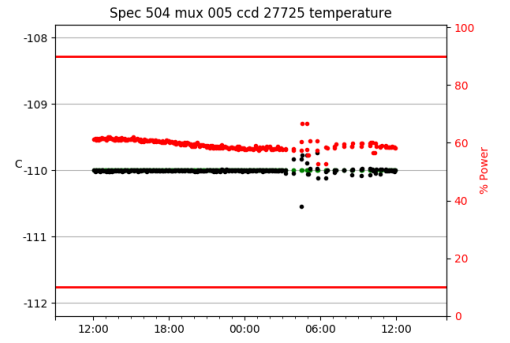
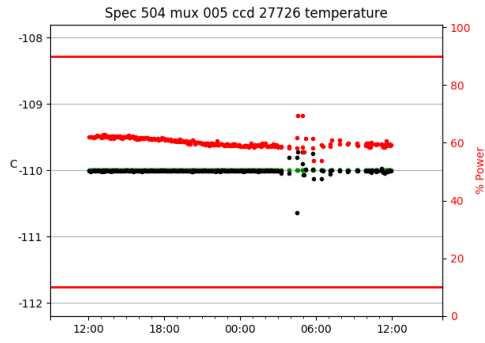
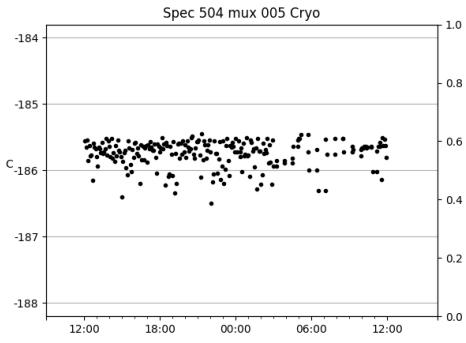


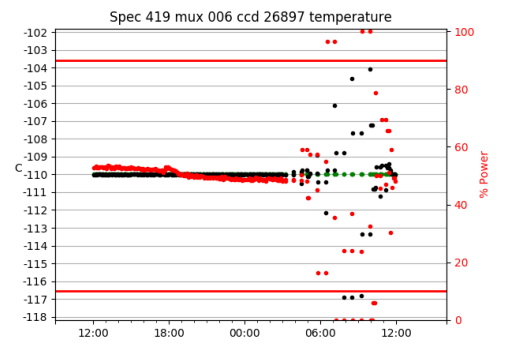
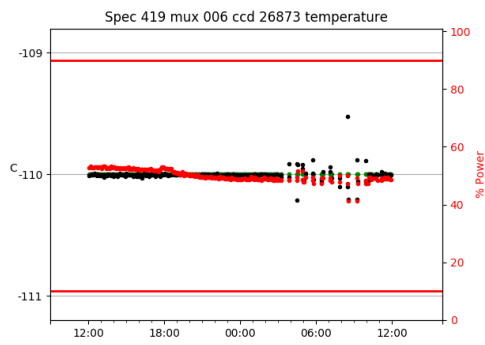
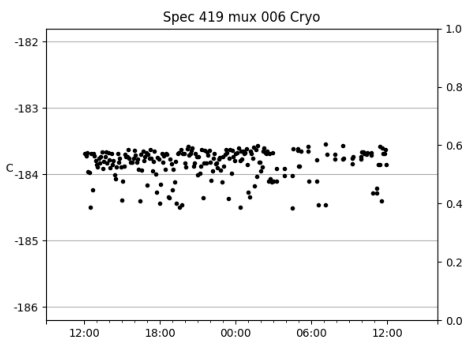
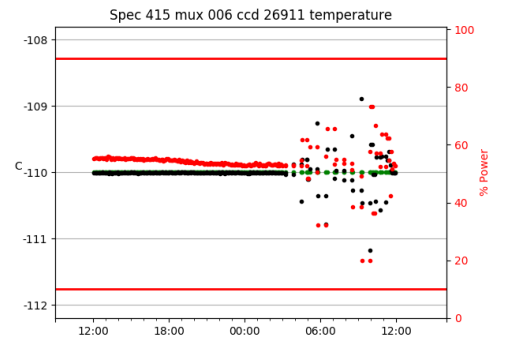
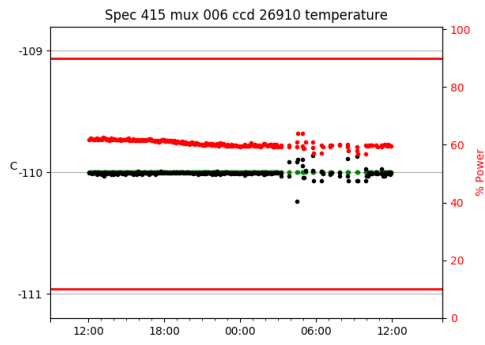
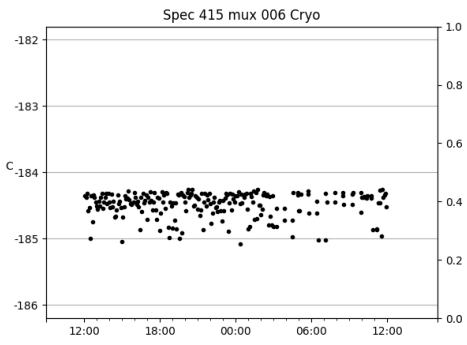
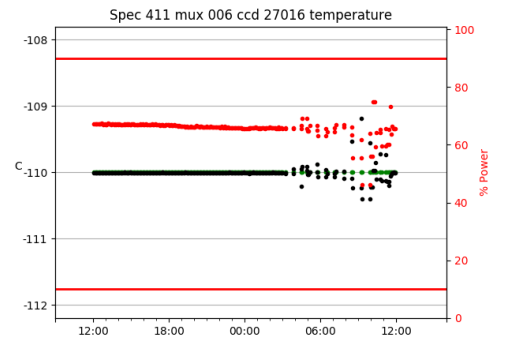
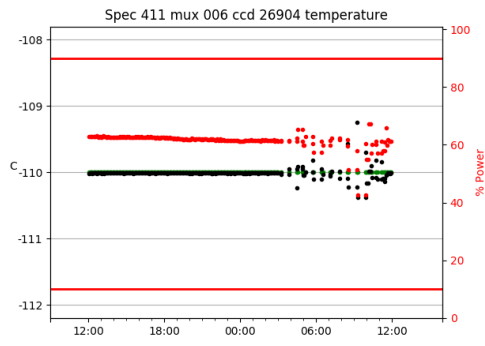
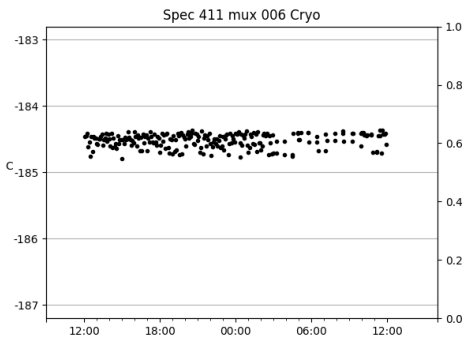
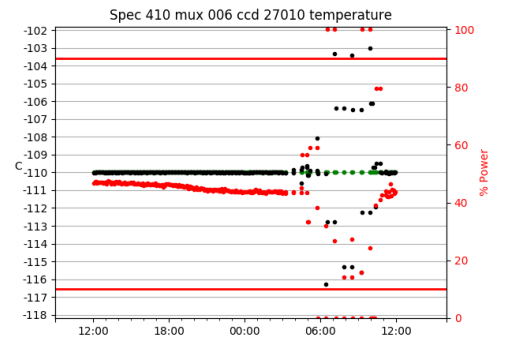
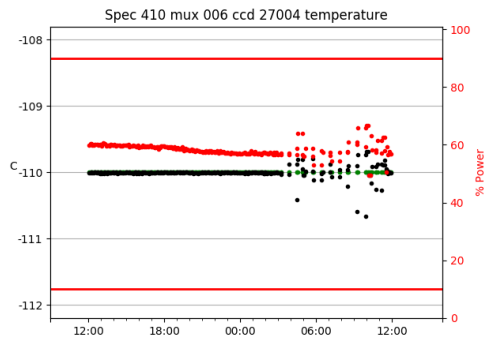
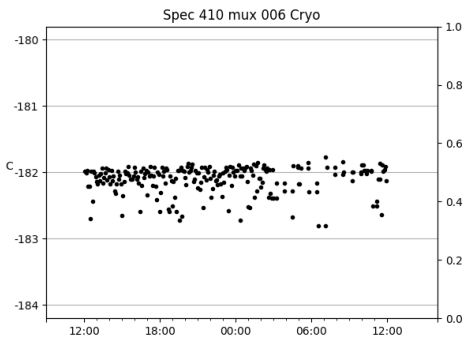


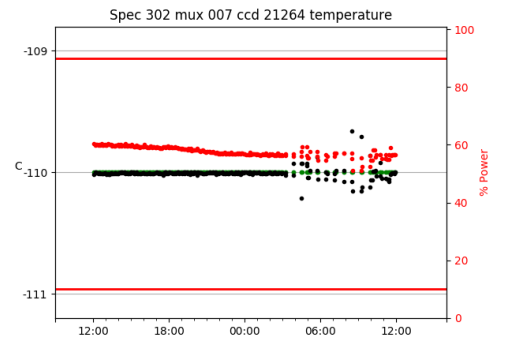
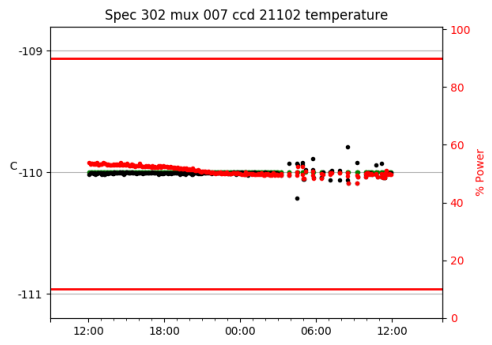
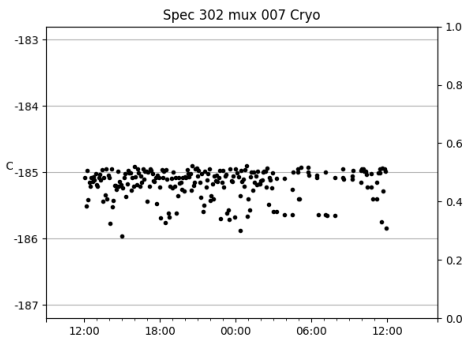
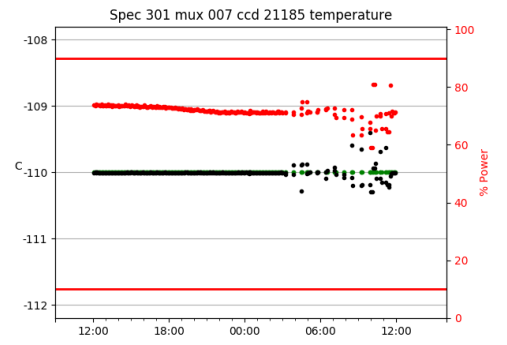
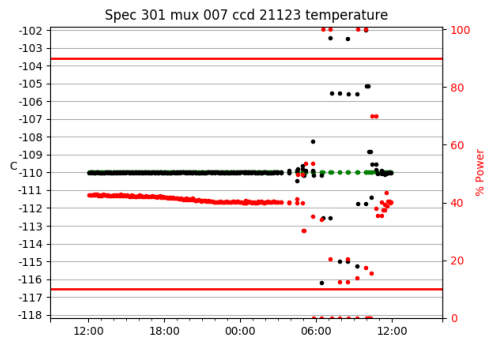
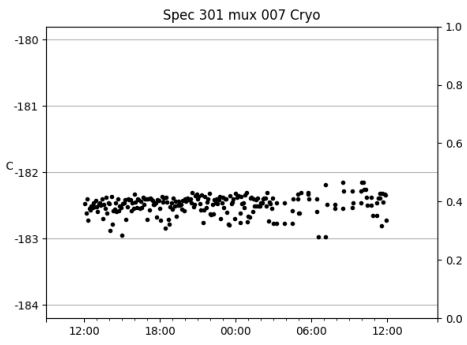
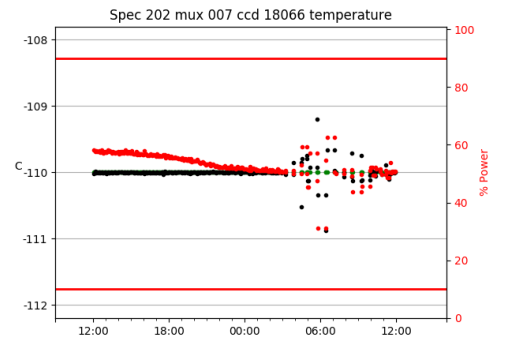
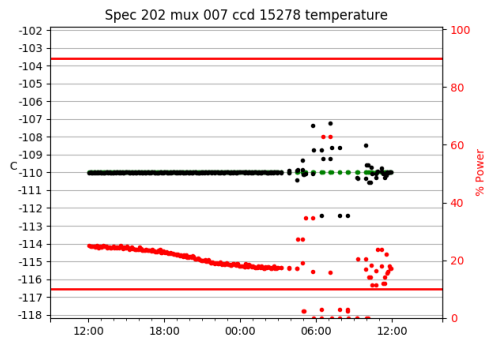
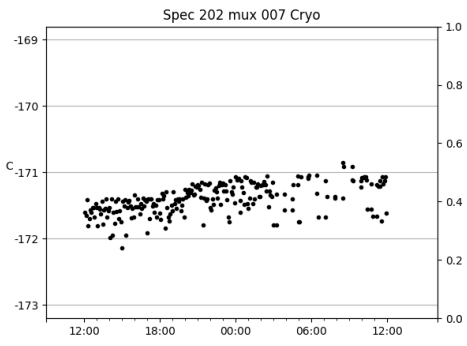
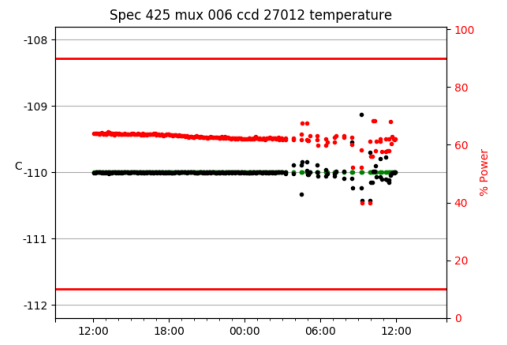
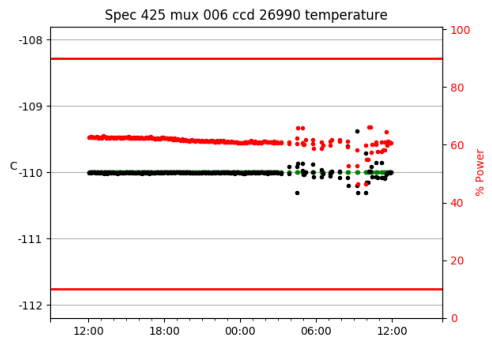
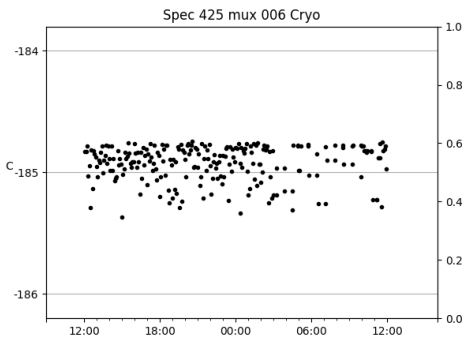


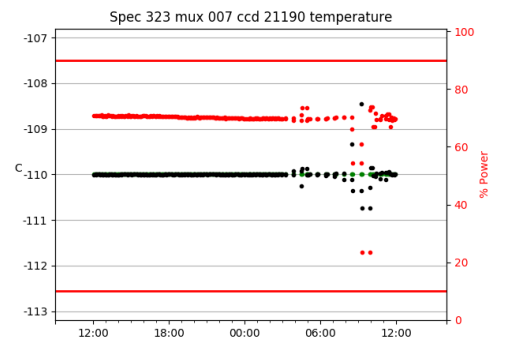
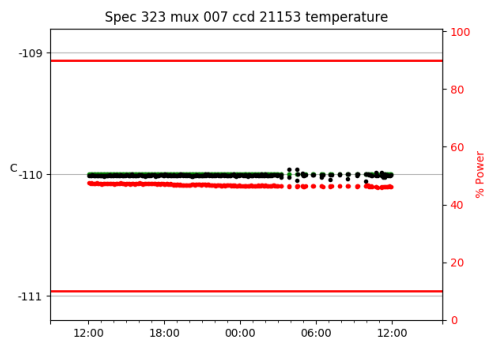
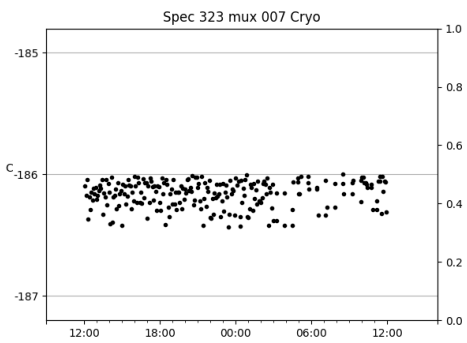
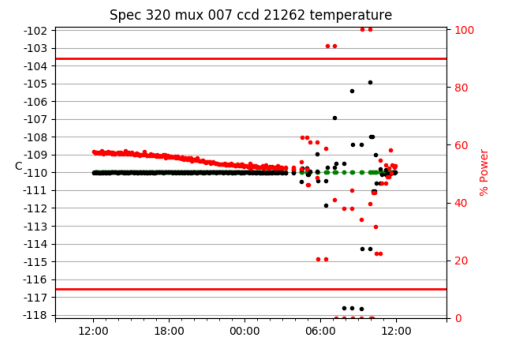
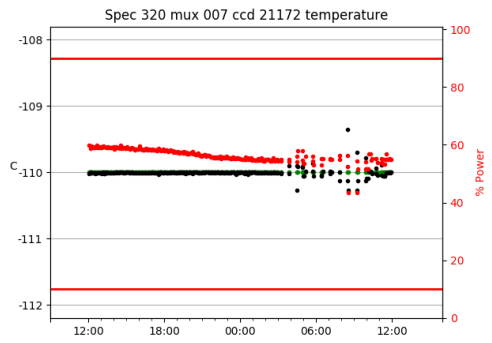
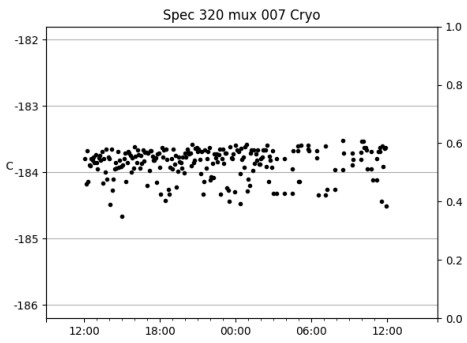
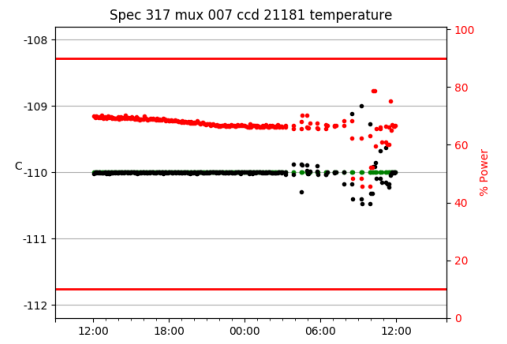
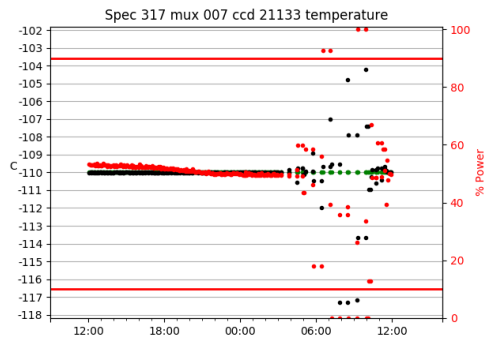
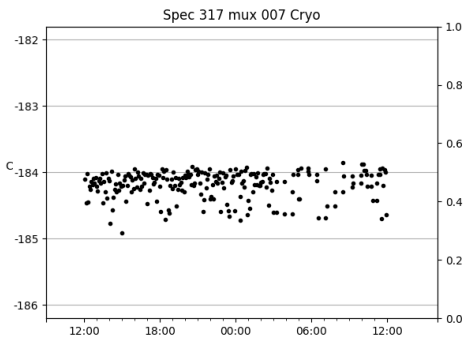
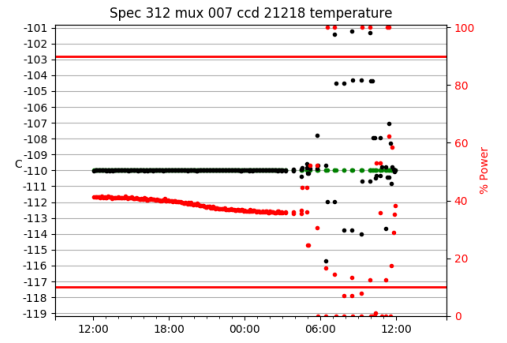
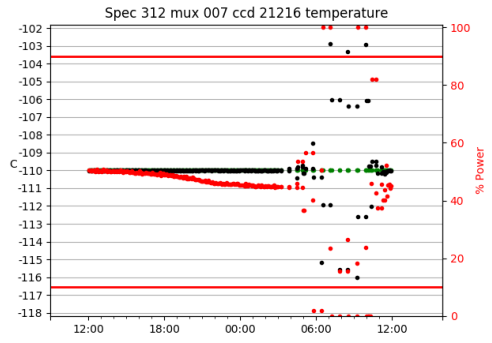
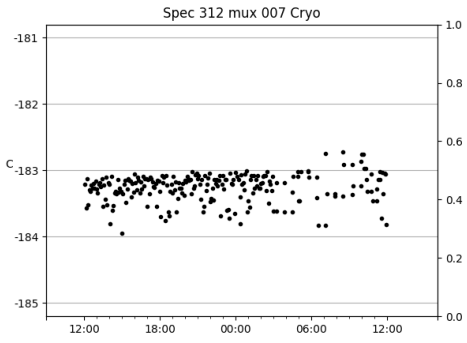


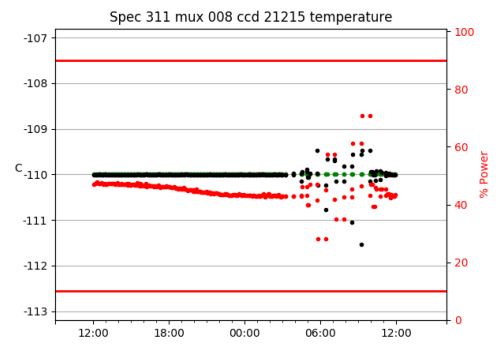
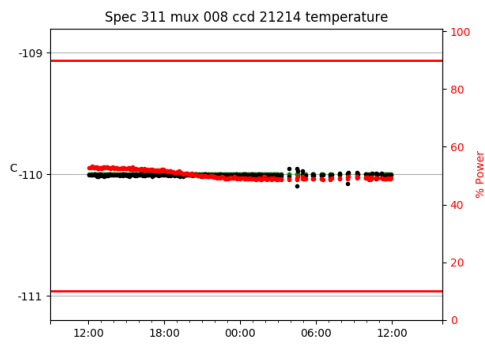
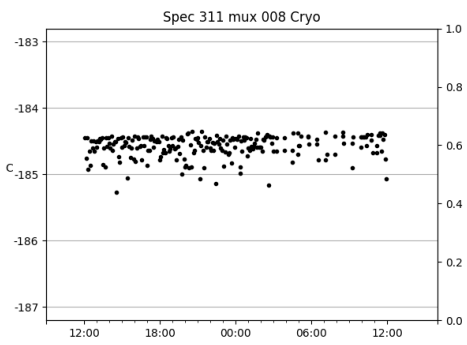
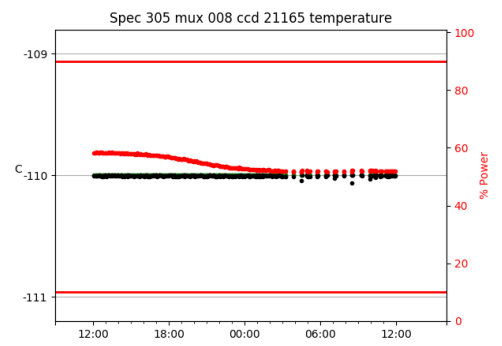
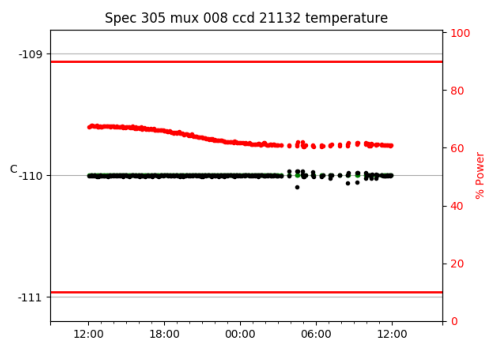
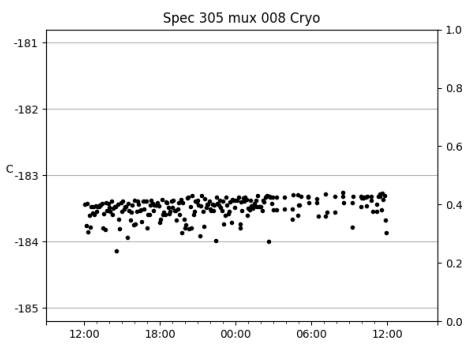
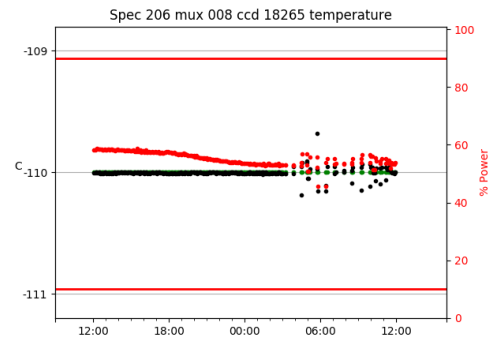
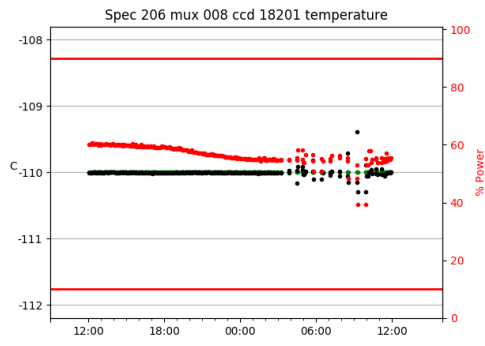
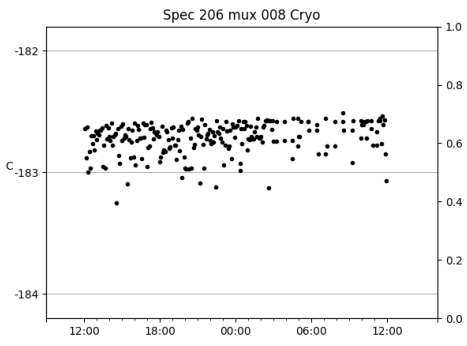
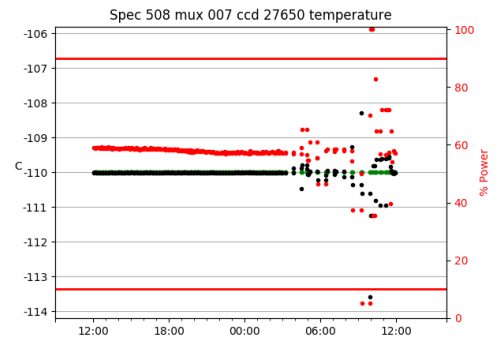
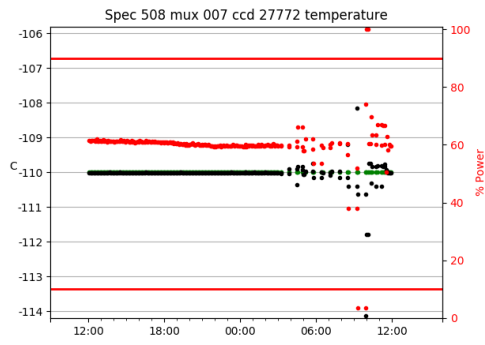
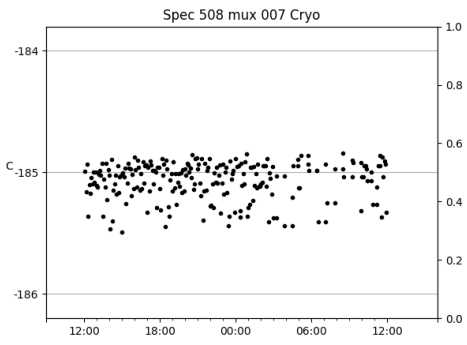


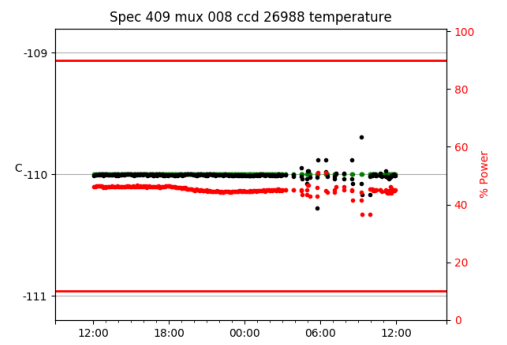
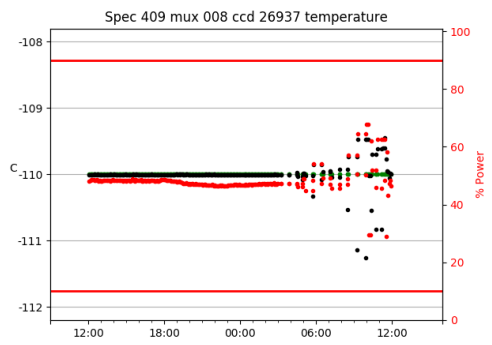
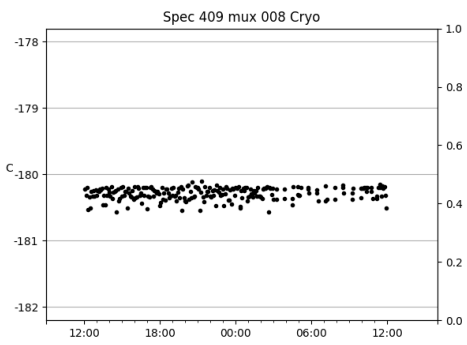
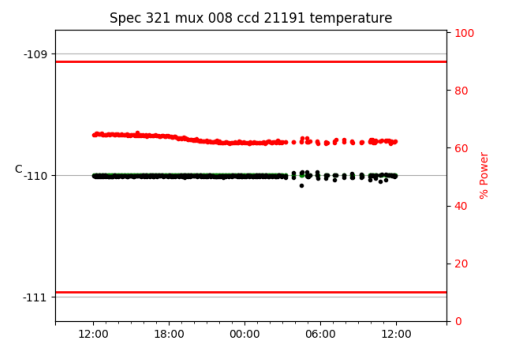
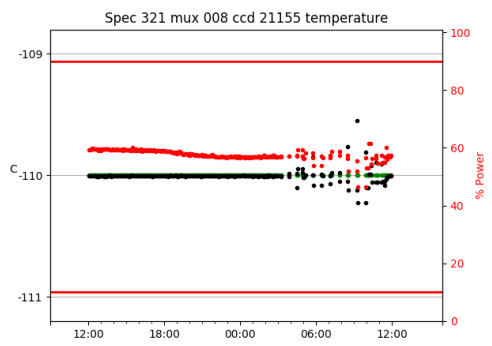
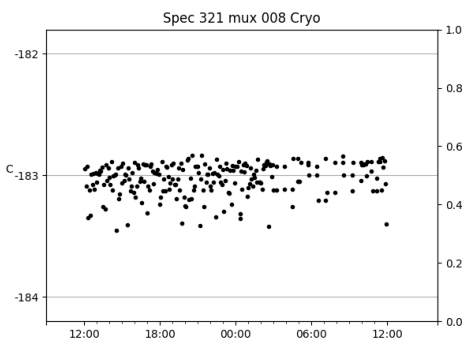
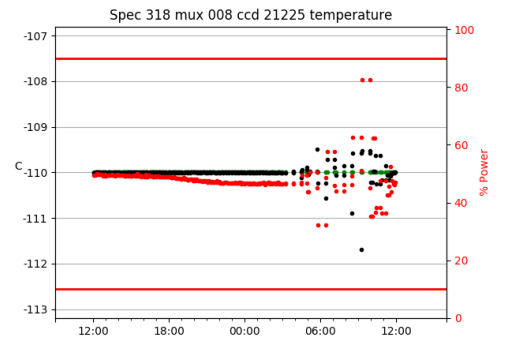
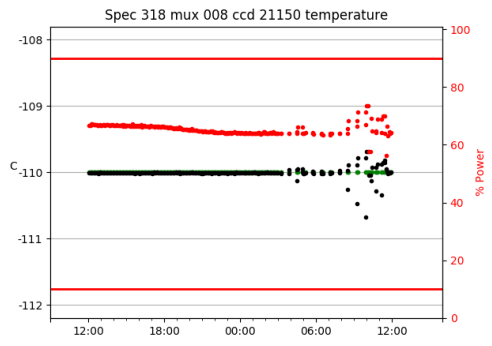
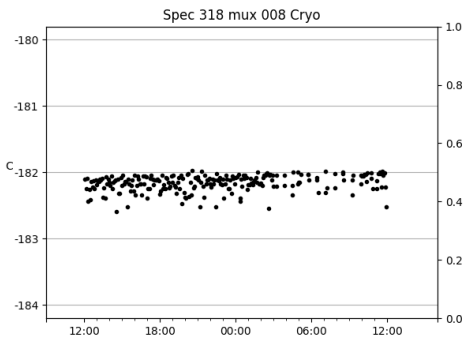
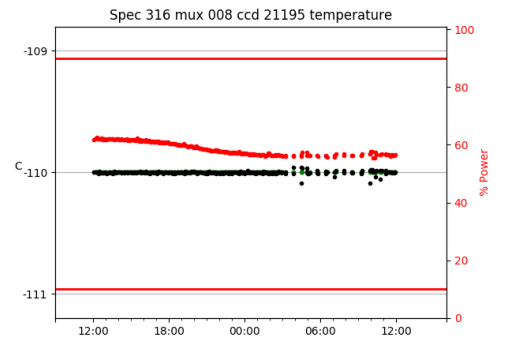
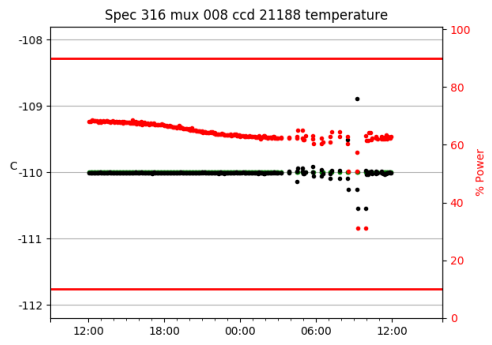
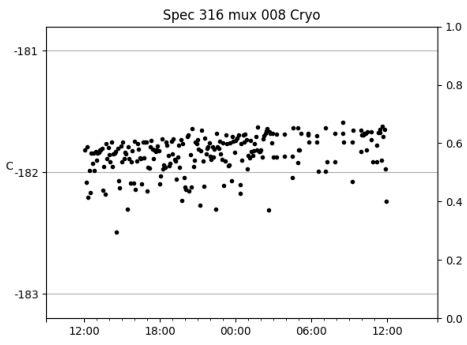


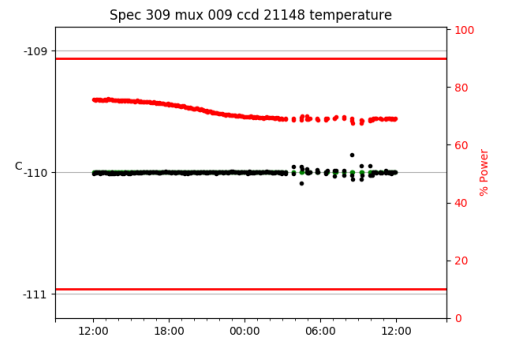
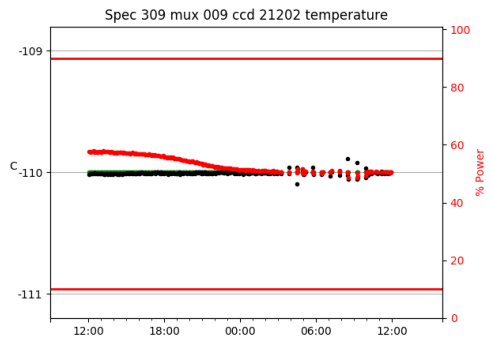
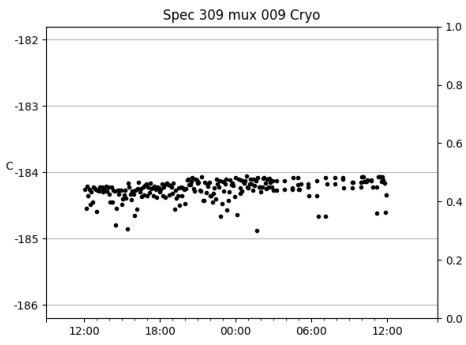
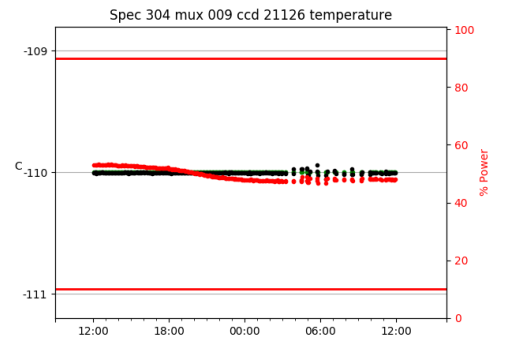
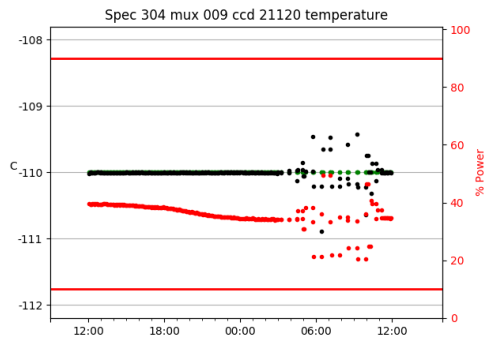
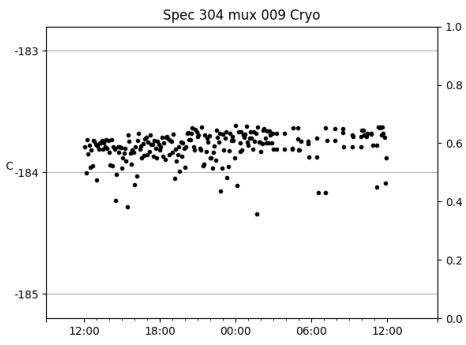
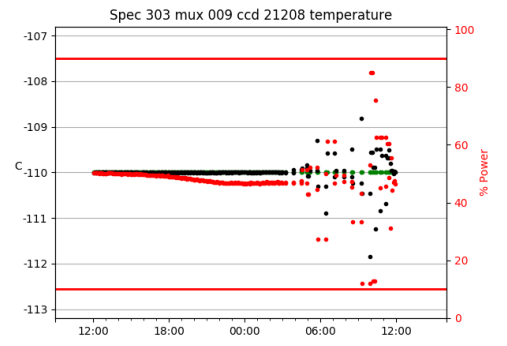
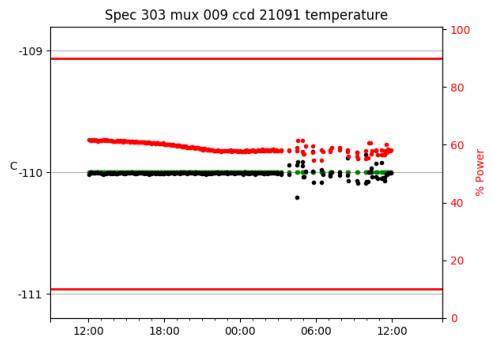
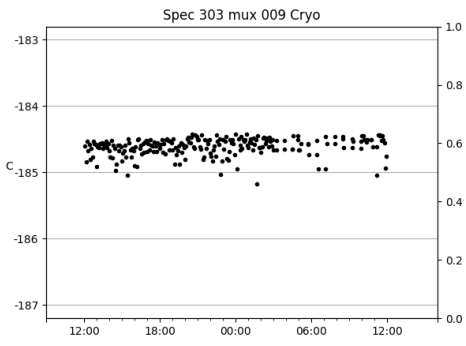
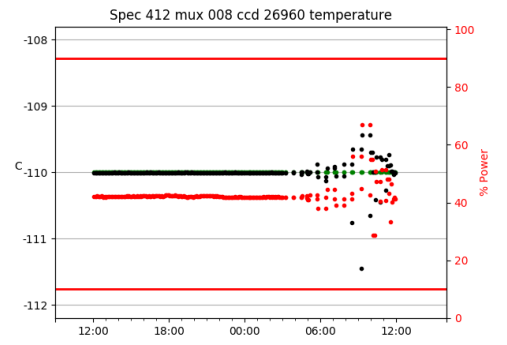
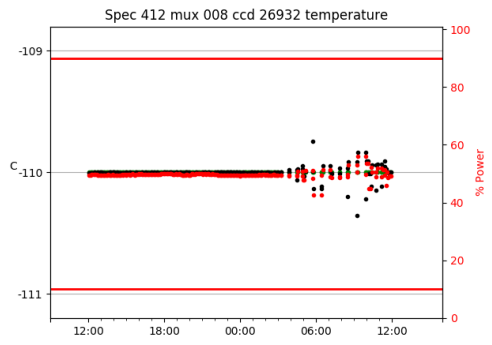
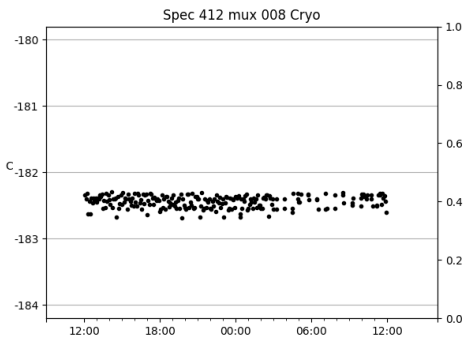


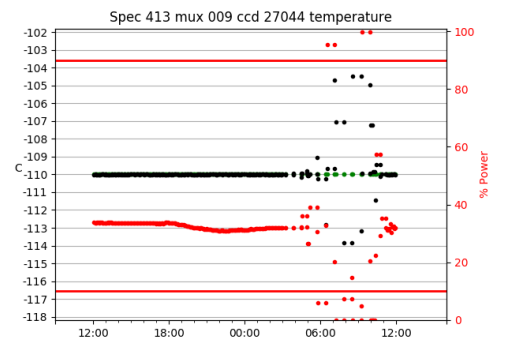
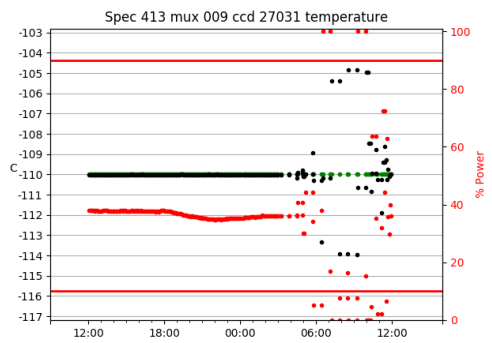
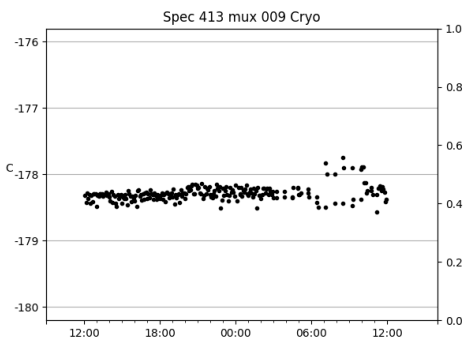
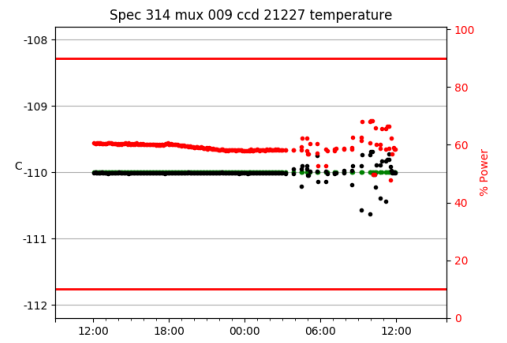
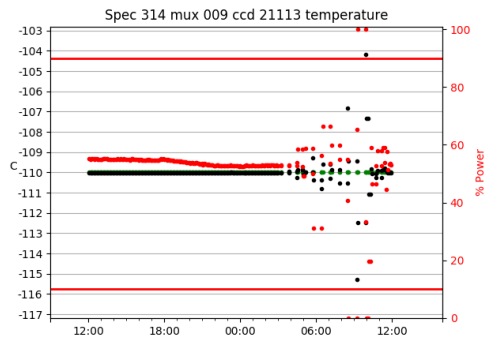
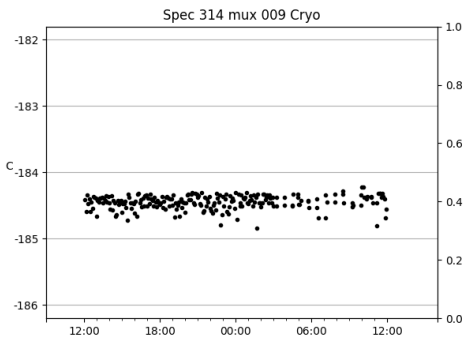
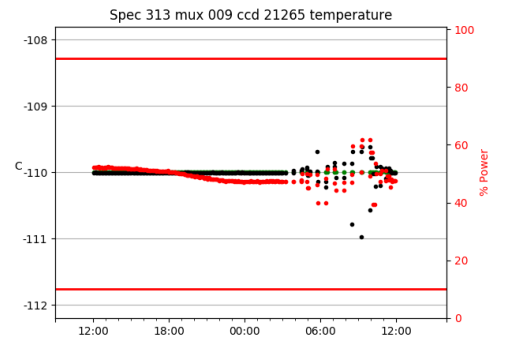
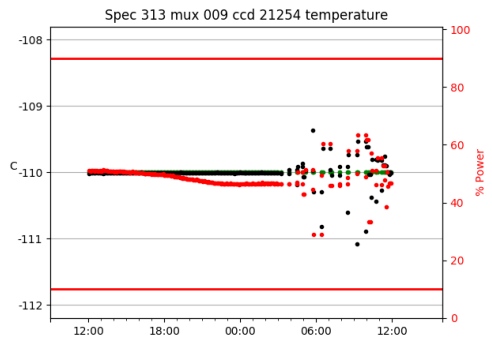
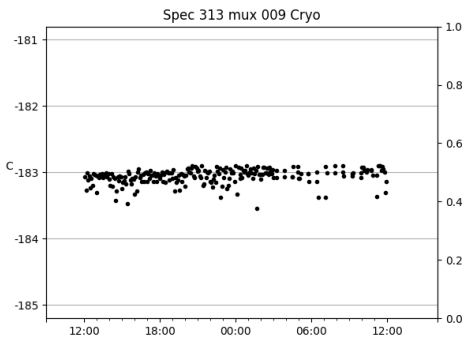
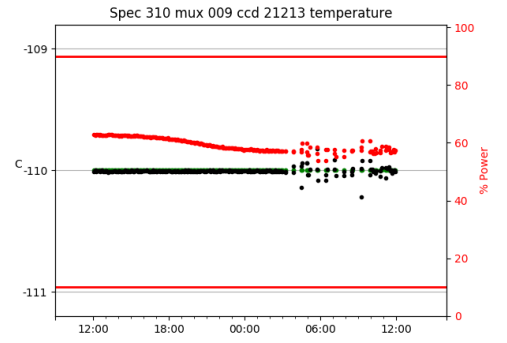
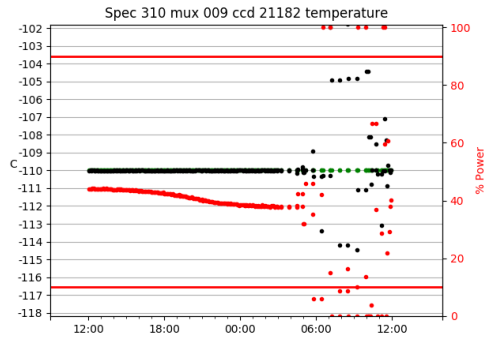
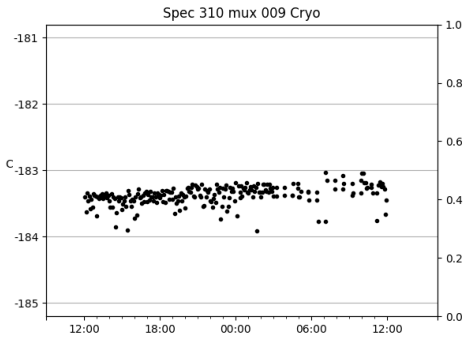


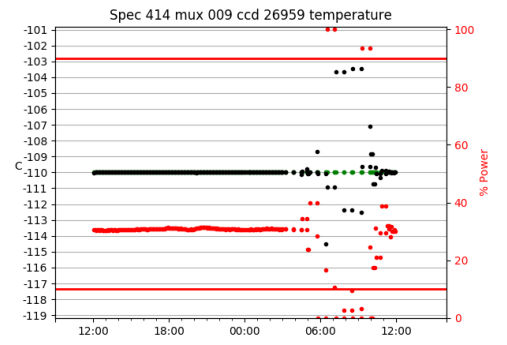
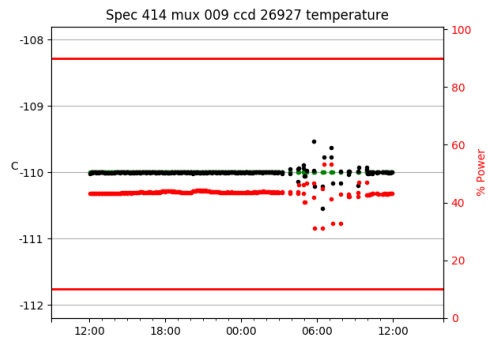
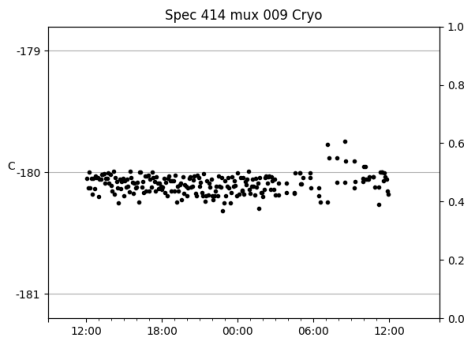




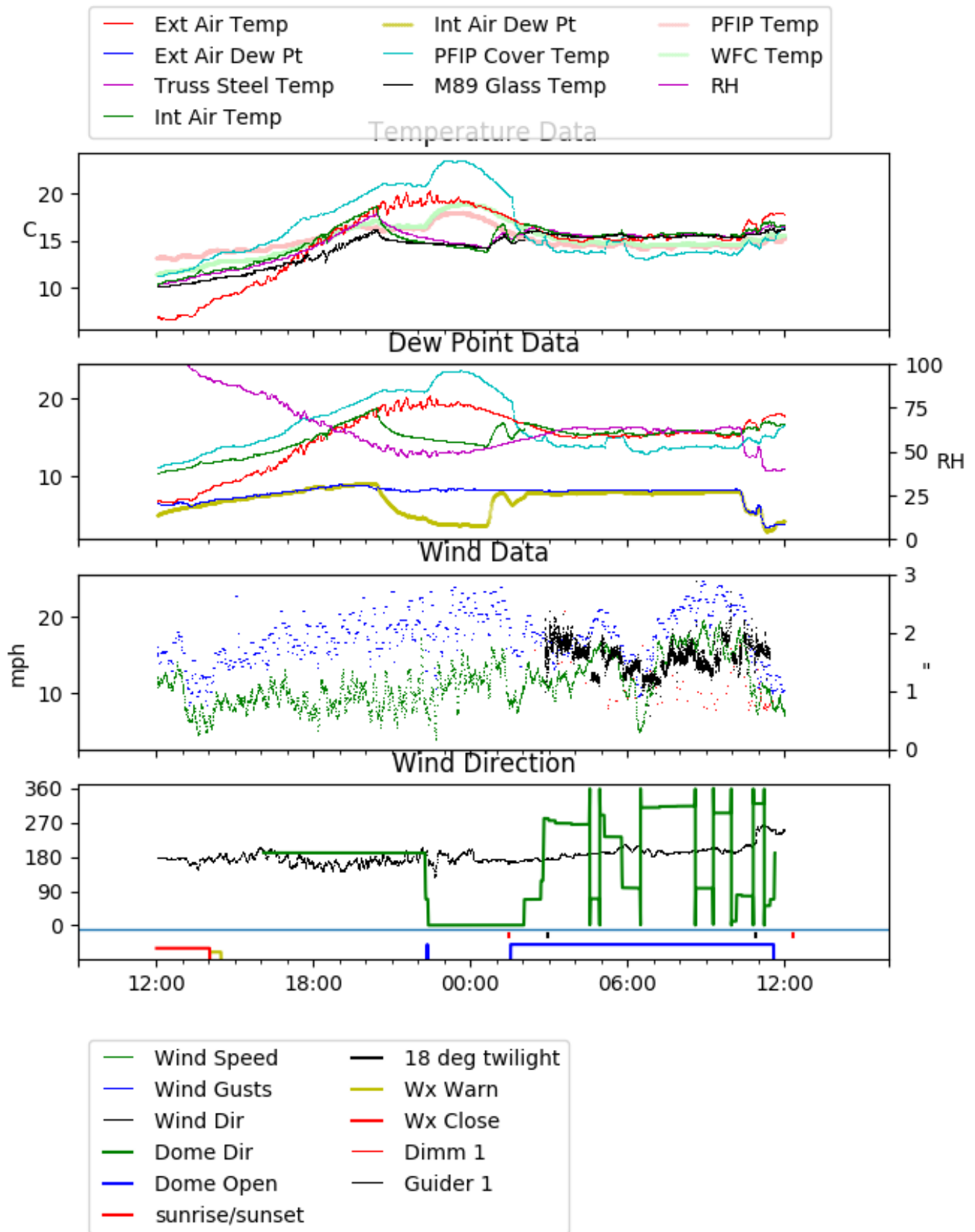




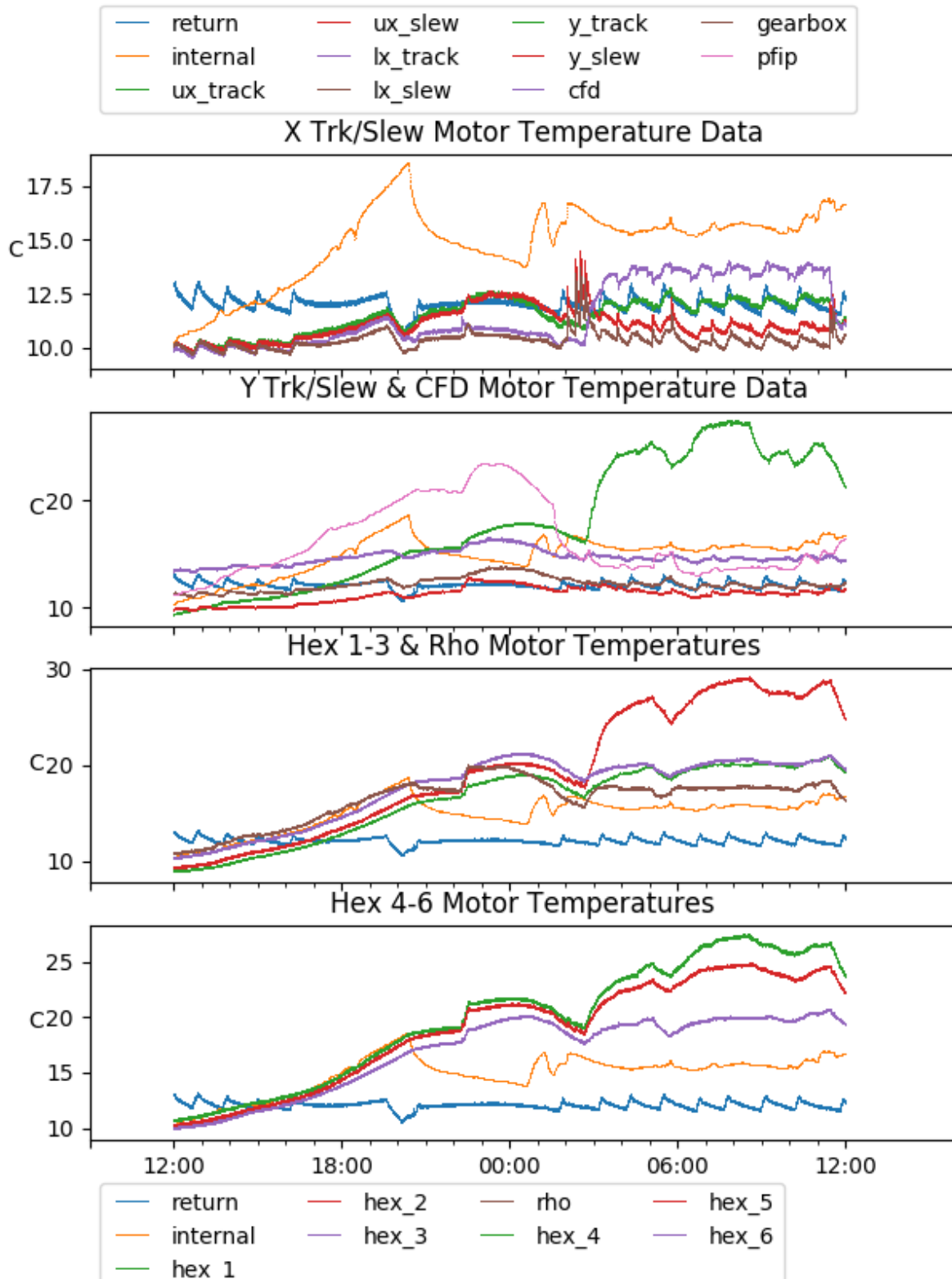




3 Weather

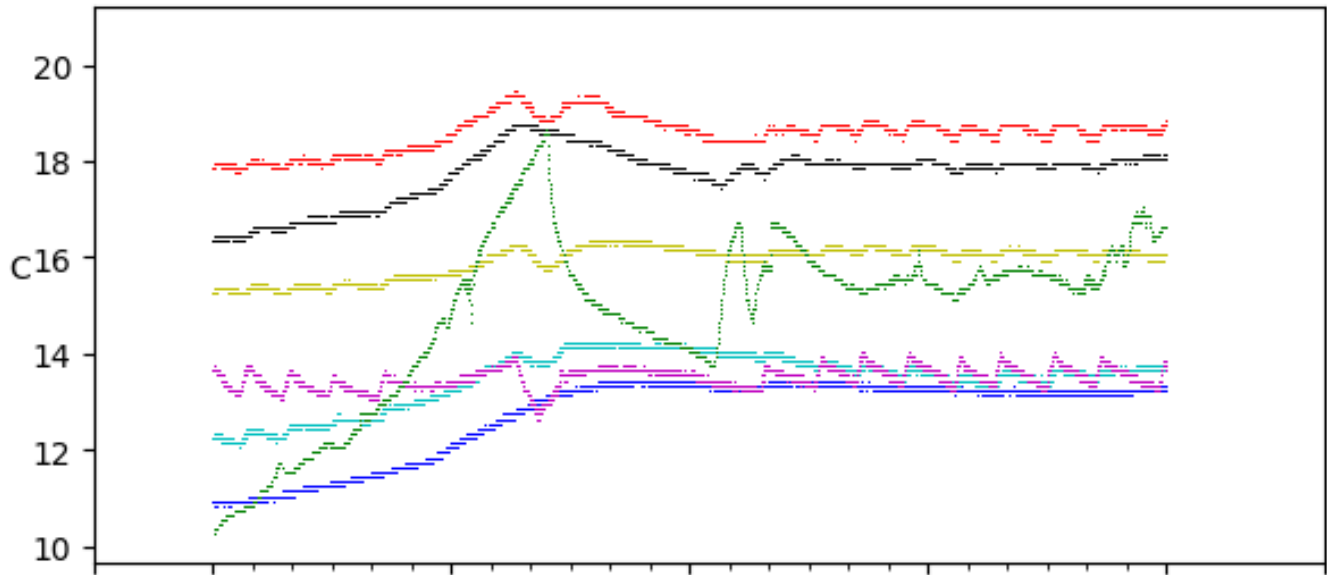


4 Tracker Engineering

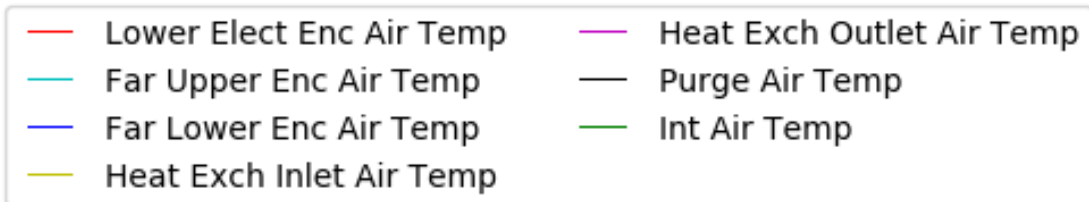
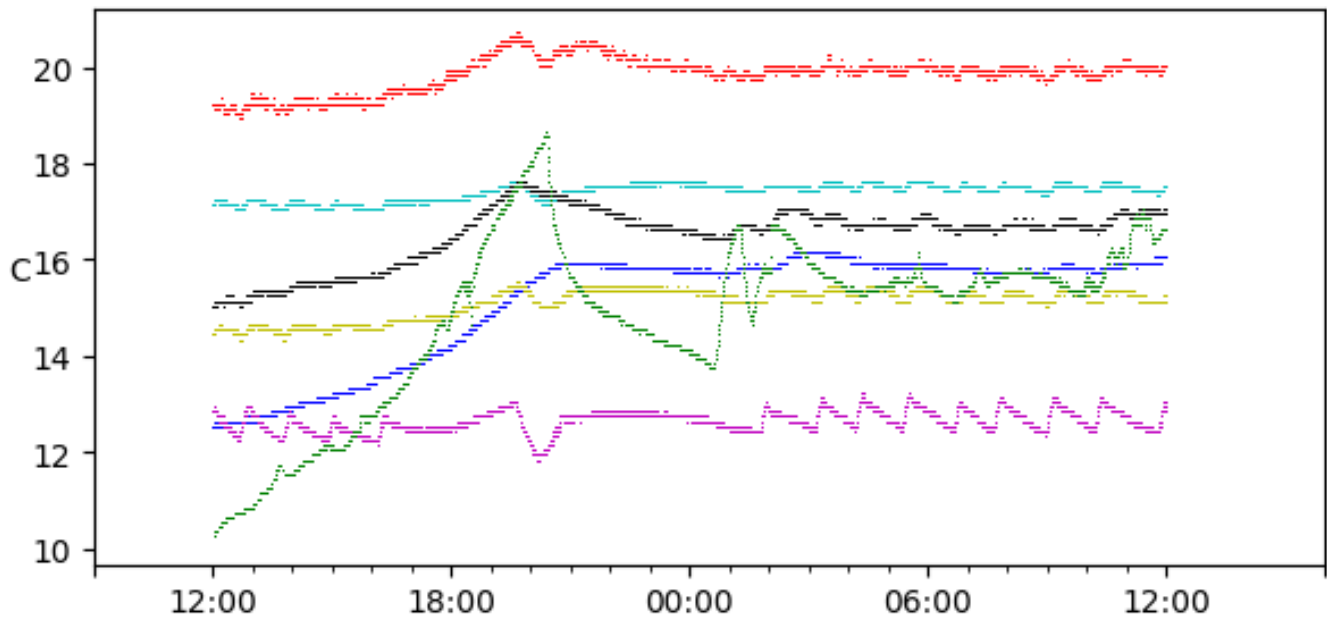


5 Virus Enclosures

Virus Enclosure 1



Virus Enclosure 2



6 Server Up Time

Current server run times:

tracker uptime: 18:14:18 (hh:mm:ss)

tcs uptime: 18:15:28 (hh:mm:ss)

pas uptime: 18:16:30 (hh:mm:ss)

pfip uptime: 18:17:26 (hh:mm:ss)

legacy uptime: 18:19:22 (hh:mm:ss)

lrs2 uptime: 644:55:45 (hh:mm:ss)

virus uptime: 763:55:05 (hh:mm:ss)

