

Hobby-Eberly Telescope Site Status Report *

McDonald Observatory, University of Texas at Austin

2020-10-18 10:21:35 to 2020-10-19 12:00:01 UTC

Contents

1 Trajectories	2
1.1 91	2
1.2 293	2
1.3 839	2
1.4 602	2
1.5 597	3
1.6 914	3
1.7 932	3
1.8 30	4
2 Spectrographs	5
2.1 Legend	5
2.2 lrs2	5
2.3 virus	5
3 Weather	24
4 Virus Enclosures	25
5 Server Up Time	26

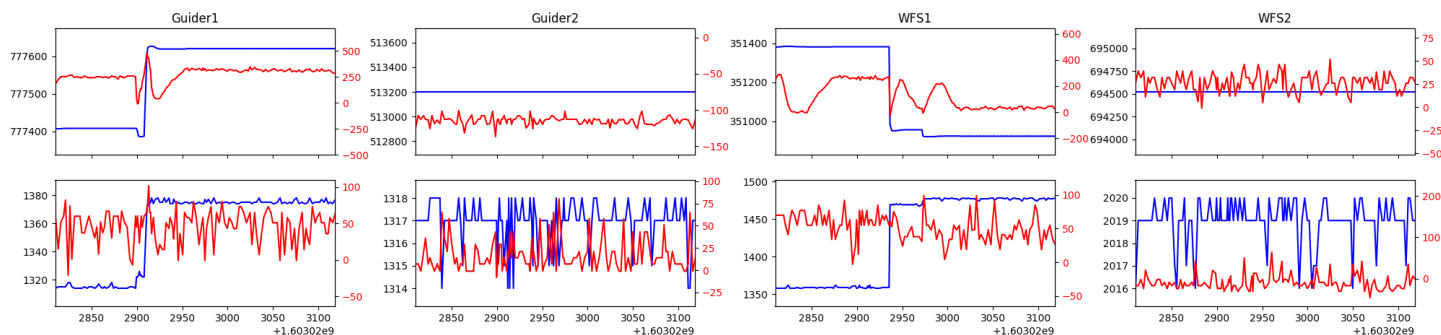
*This report has been automatically generated. Id: status_report.py 11785 2020-07-03 20:09:14Z fowler

1 Trajectories

The trajectory times and probe behaviour are shown. The probe plots show the various probe positions and currents during the trajectory. The Carriage is shown on the top plot while the Arm is shown on the 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. Probe data are plotted from the go_next_time to the cancel_time or stop_time of the trajectory.

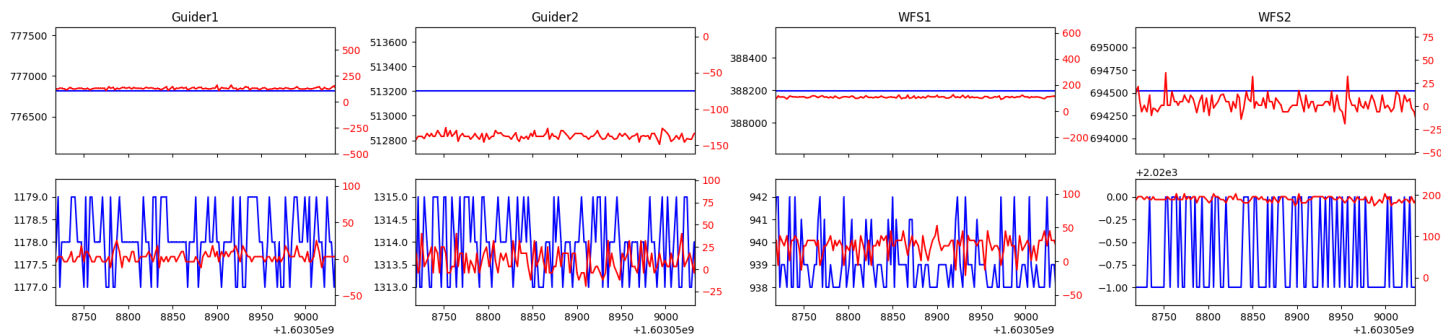
1.1 91

Trajectory 91 for desired Azimuth 145.302816 was loaded at 12:05:24.57. The go_next command was sent at 12:05:32.495 and took 81.035 seconds to complete. The setup took 153.84 seconds at an actual azimuth of 145.305896 The trajectory was cancelled at 12:11:58.23. The trajectory was stopped at 12:12:03.98 with the message "Reached end of track."



1.2 293

Trajectory 293 for desired Azimuth 65.453 was loaded at 22:04:50.21. The go_next command was sent at 22:04:51.829 and took 111.221 seconds to complete. The trajectory was cancelled at 22:10:33.10. The trajectory was stopped at 22:10:38.25 with the message "Reached end of track."

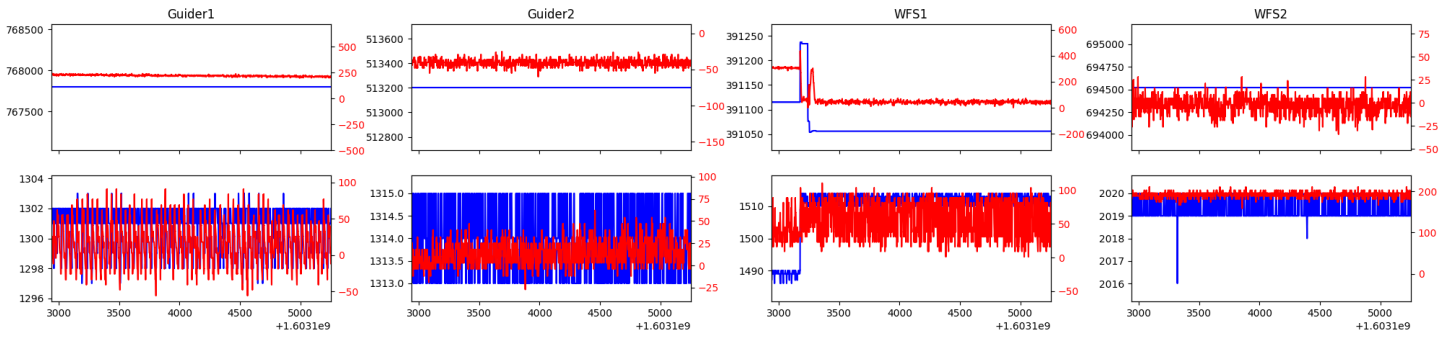


1.3 839

Trajectory 839 for desired Azimuth 177.618976 was loaded at 22:09:54.36. The trajectory was never started.

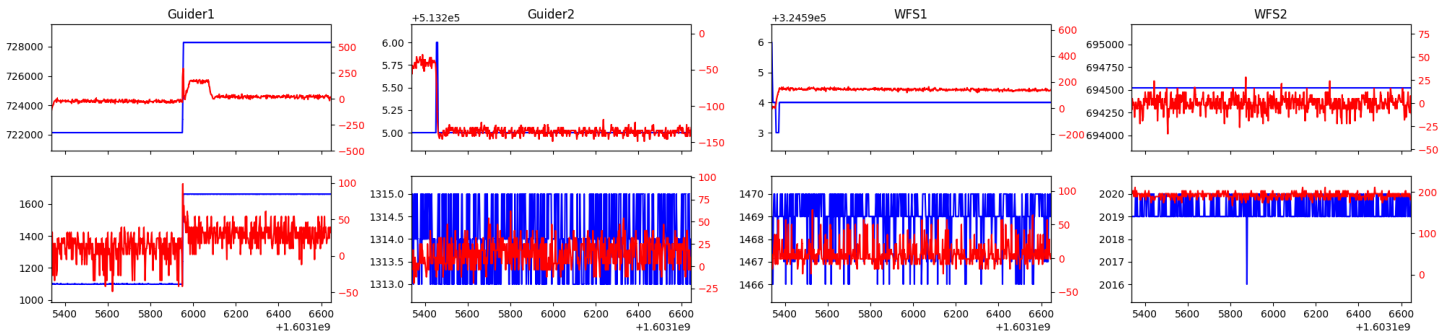
1.4 602

Trajectory 602 for desired Azimuth 57.986242 was loaded at 10:20:28.58. The go_next command was sent at 10:20:35.609 and took 100.788 seconds to complete. The setup took 139.61 seconds at an actual azimuth of 57.98904 The trajectory was cancelled at 11:00:53.83. The trajectory was stopped at 11:00:59.39 with the message "Reached end of track."



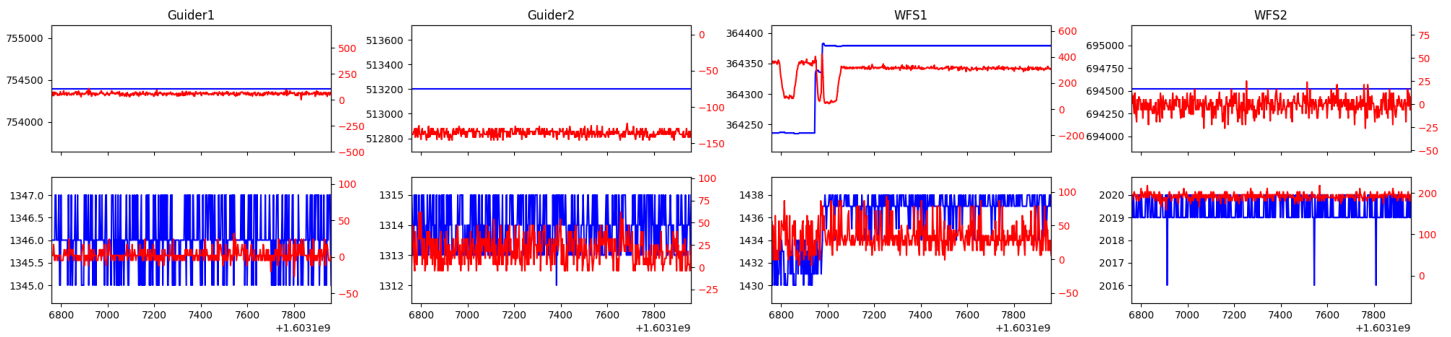
1.5 597

Trajectory 597 for desired Azimuth 239.841262 was loaded at 11:01:01.59. The go_next command was sent at 11:01:09.568 and took 179.200 seconds to complete. The setup took 761.31 seconds at an actual azimuth of 239.84507 The trajectory was cancelled at 11:24:05.19. The trajectory was stopped at 11:24:10.37 with the message "Reached end of track."



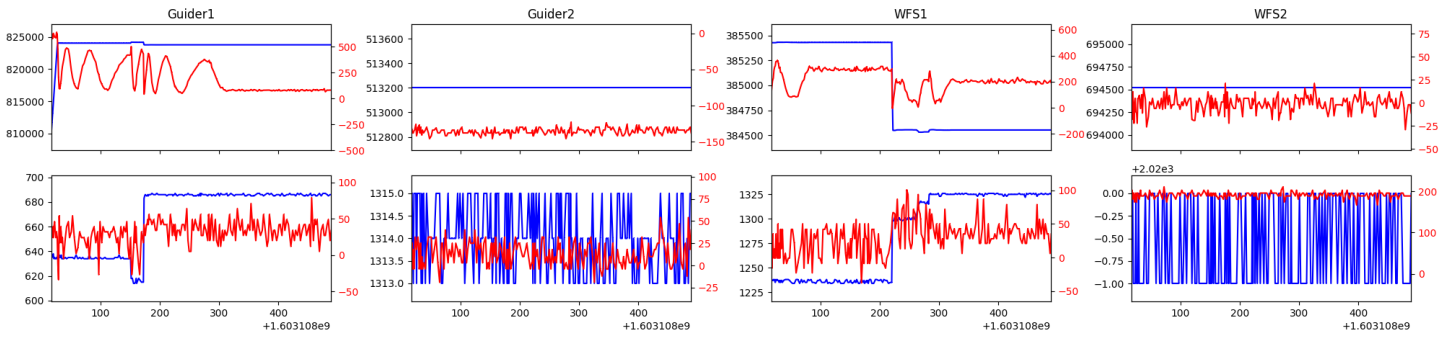
1.6 914

Trajectory 914 for desired Azimuth 115.420024 was loaded at 11:24:12.21. The go_next command was sent at 11:24:19.162 and took 142.937 seconds to complete. The setup took 131.36 seconds at an actual azimuth of 115.426114 The trajectory was cancelled at 11:45:59.64. The trajectory was stopped at 11:46:05.20 with the message "Reached end of track."



1.7 932

Trajectory 932 for desired Azimuth 115.776273 was loaded at 11:46:07.03. The go_next command was sent at 11:46:14.297 and took 61.003 seconds to complete. The setup took 201.05 seconds at an actual azimuth of 115.778039 The trajectory was cancelled at 11:54:48.13. The trajectory was stopped at 11:54:53.12 with the message "Reached end of track."



1.8 30

Trajectory 30 for desired Azimuth 36.332802 was loaded at 11:54:55.15. The `go_next` command was sent at 11:55:02.422 and took 171.424 seconds to complete.

2 Spectrographs

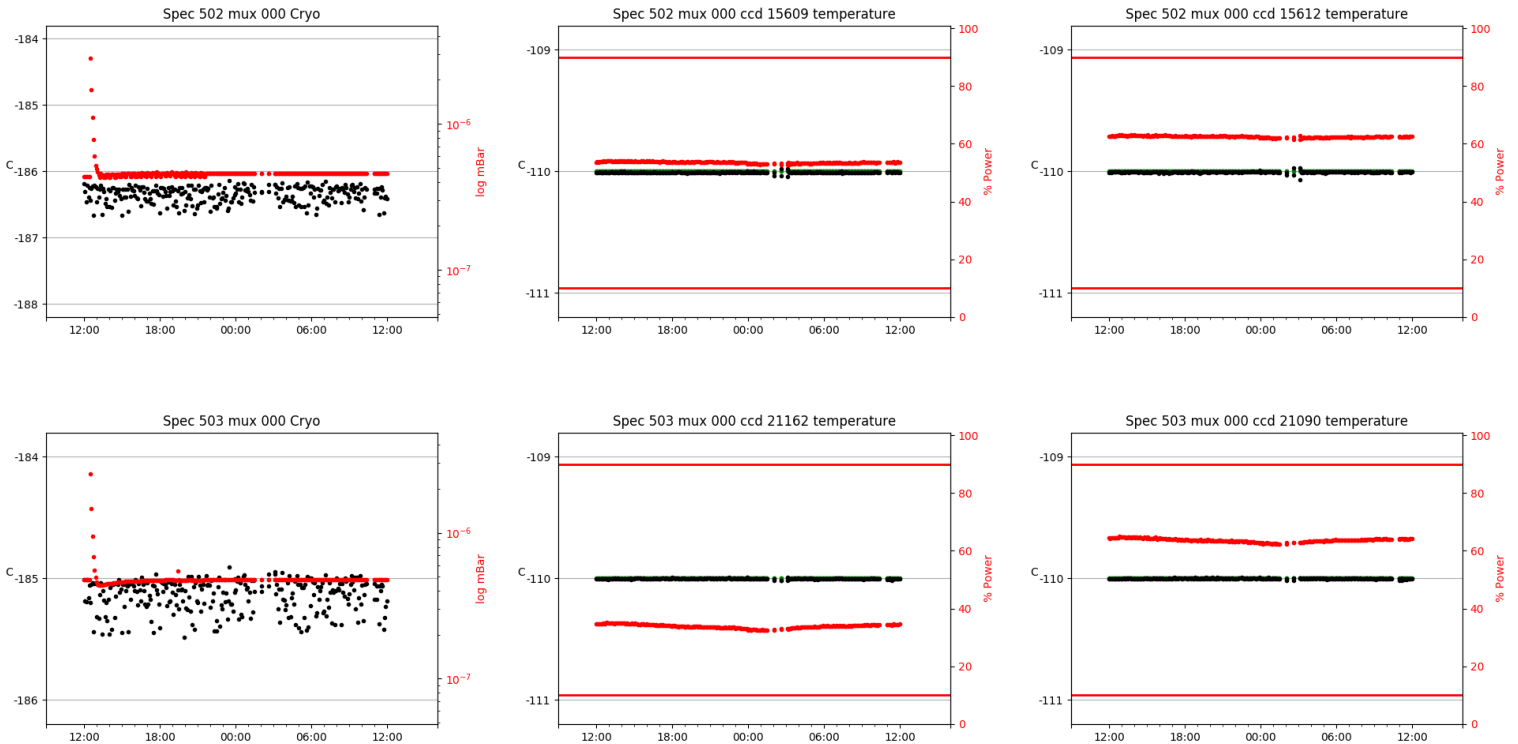
2.1 Legend

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.

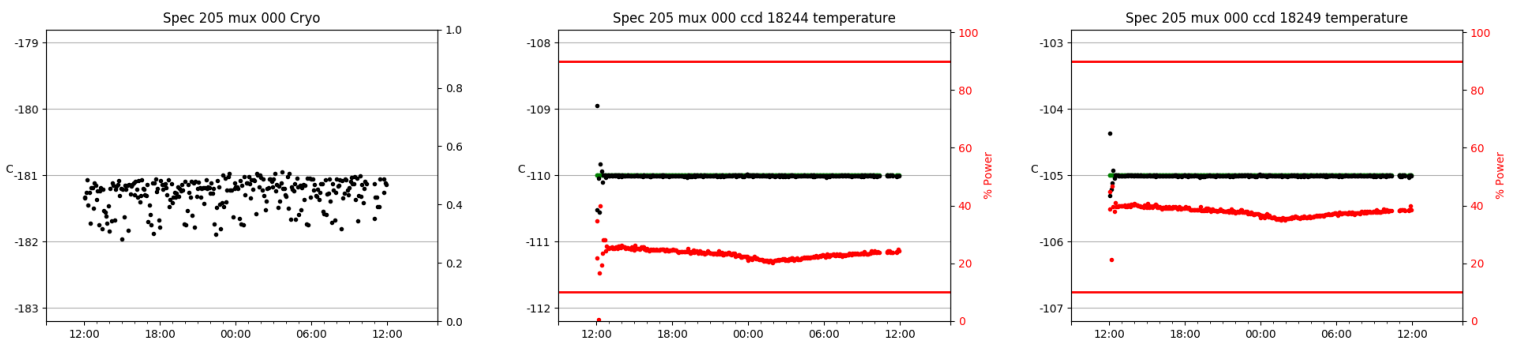
2.2 lrs2

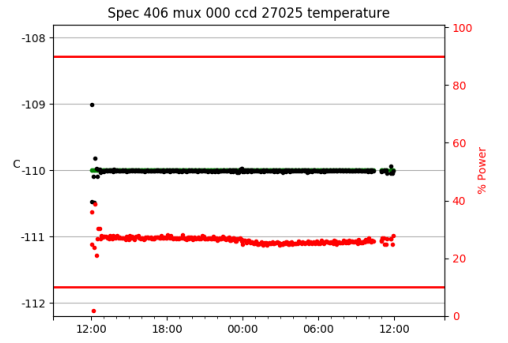
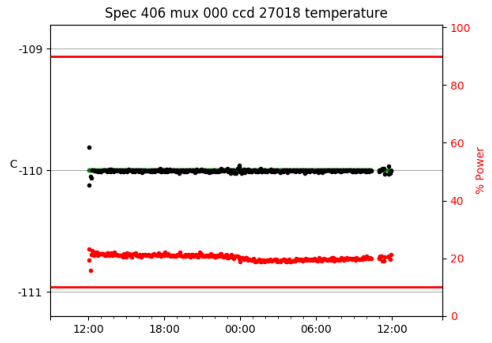
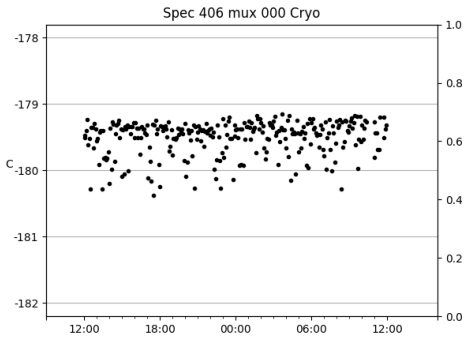
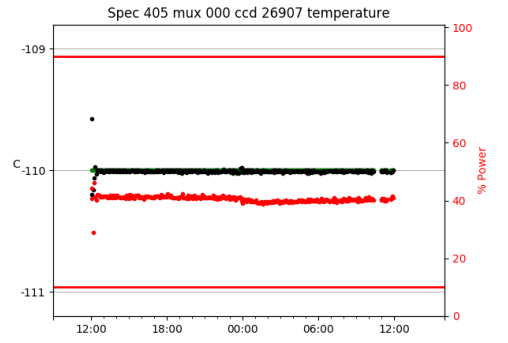
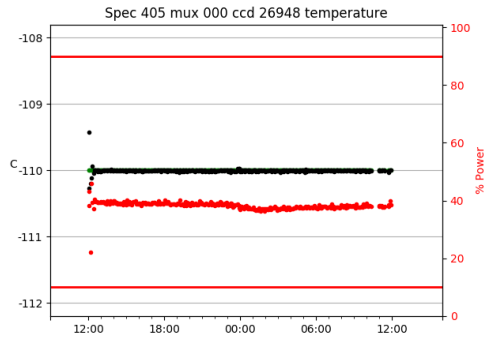
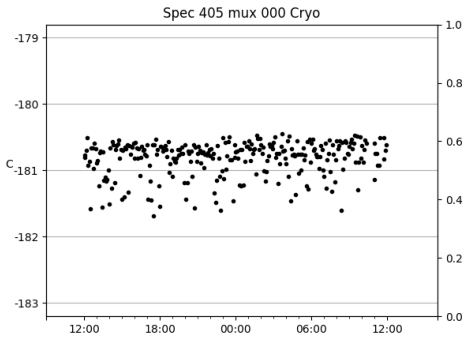
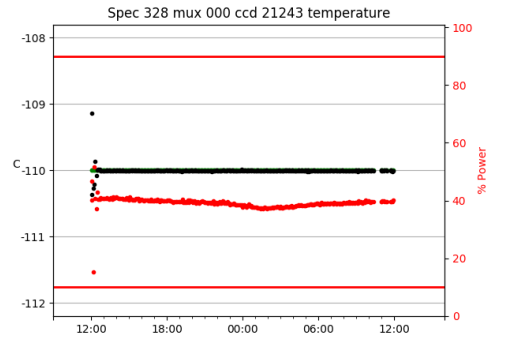
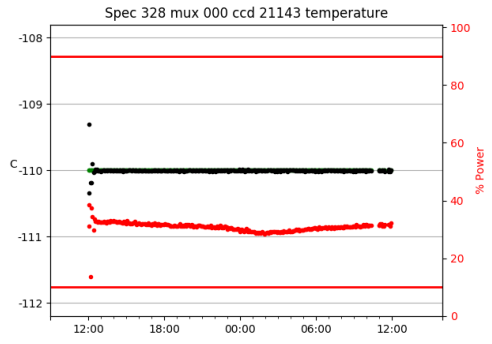
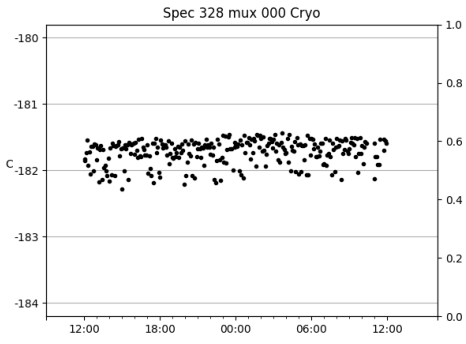
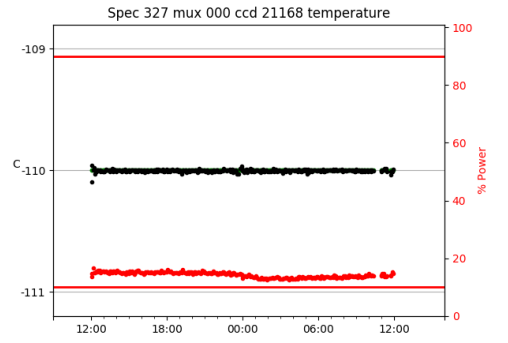
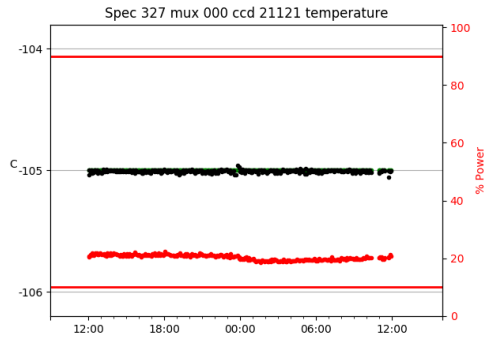
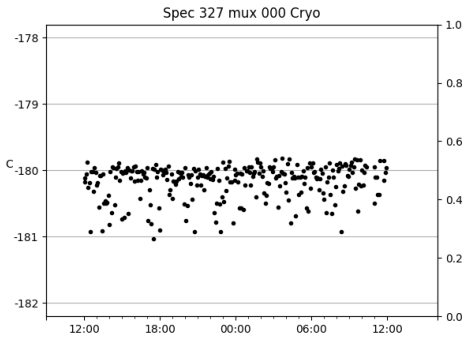
lrs2 uptime: 1239:48:06 (hh:mm:ss)

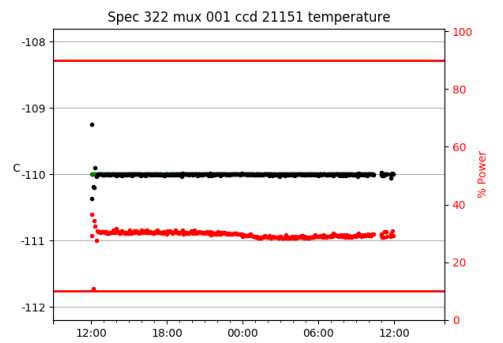
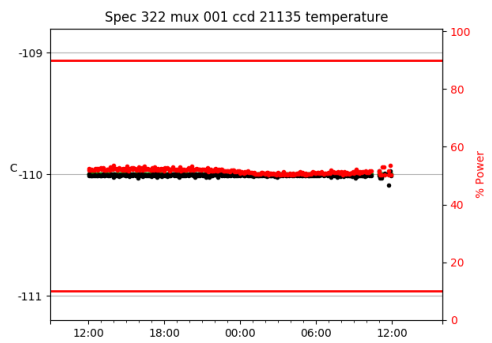
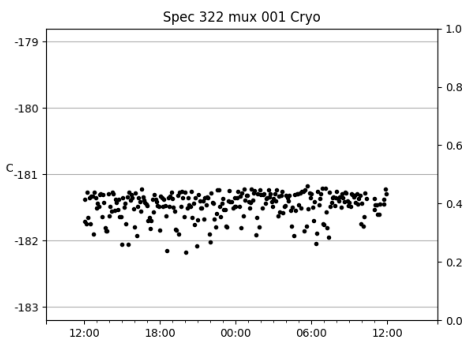
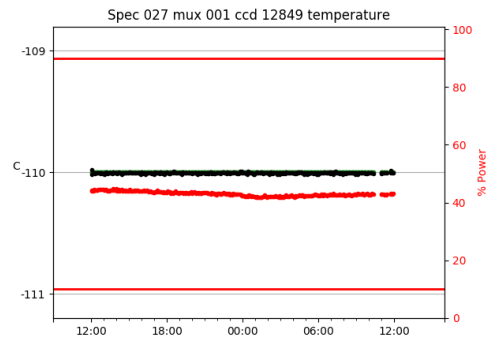
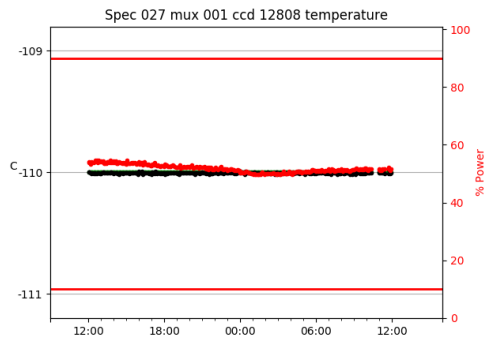
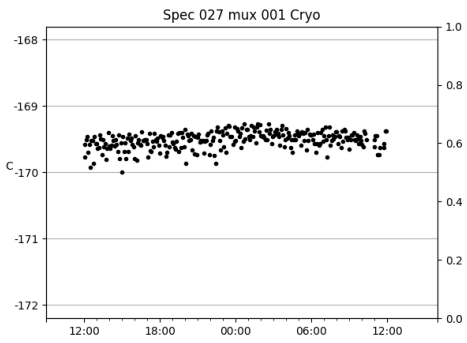
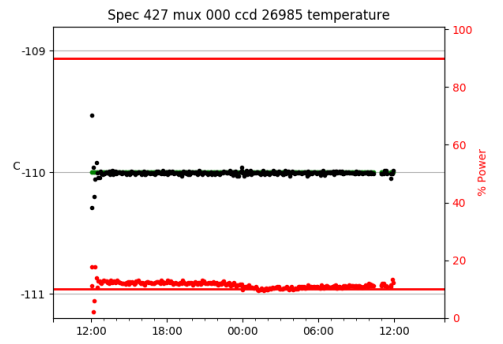
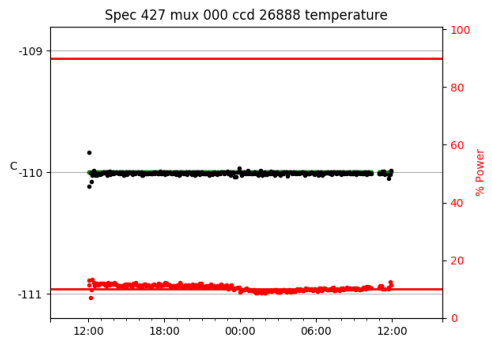
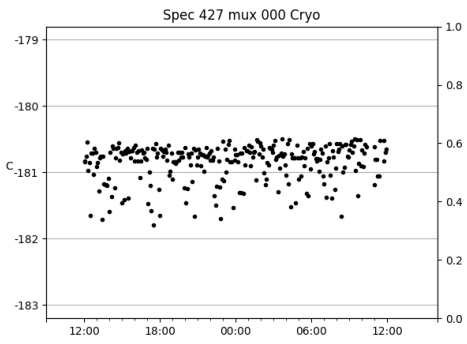
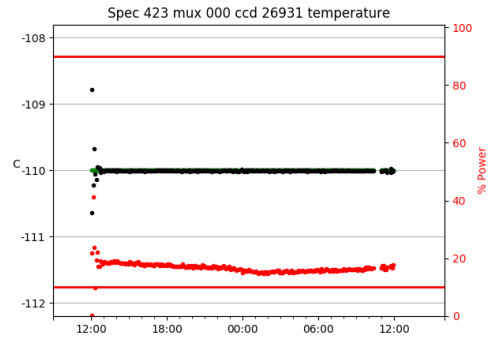
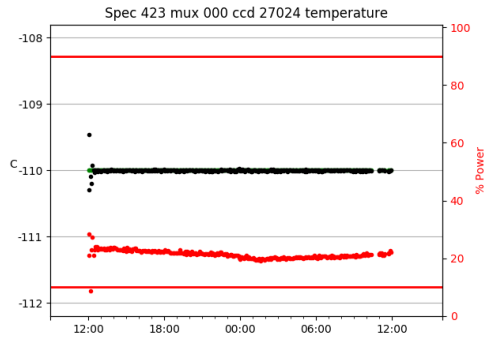
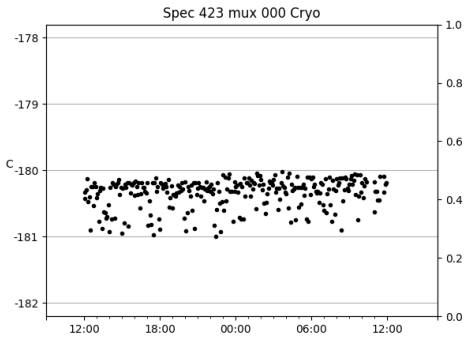


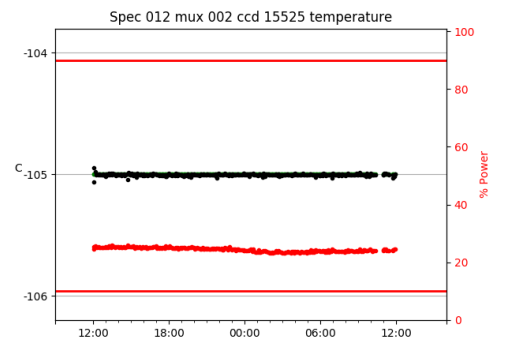
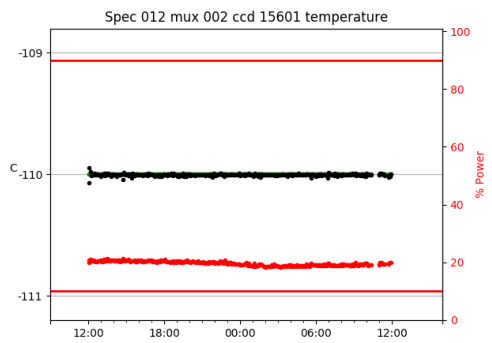
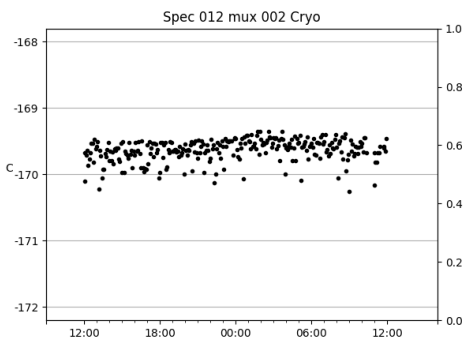
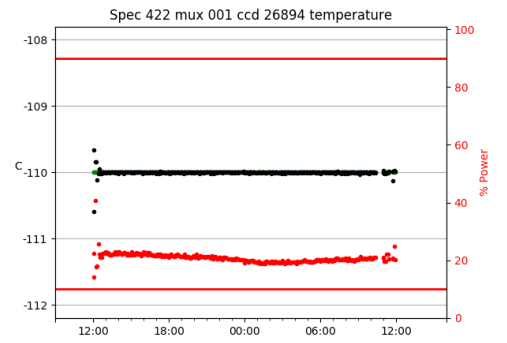
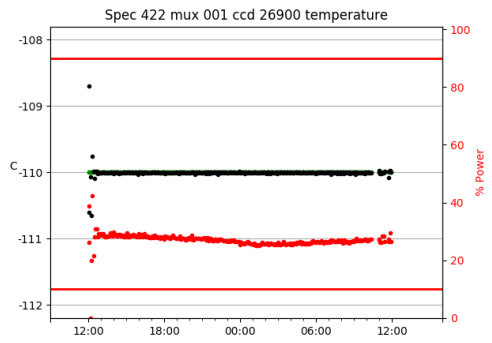
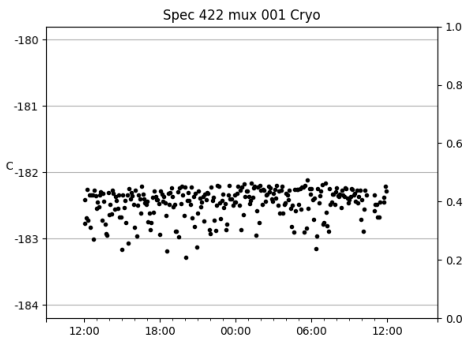
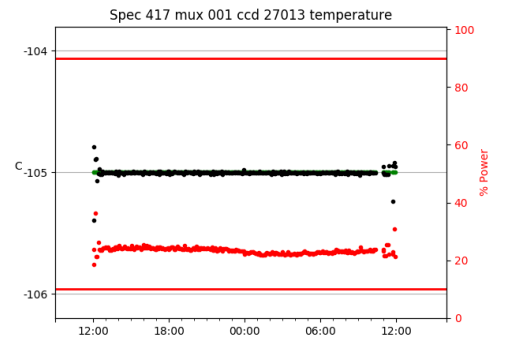
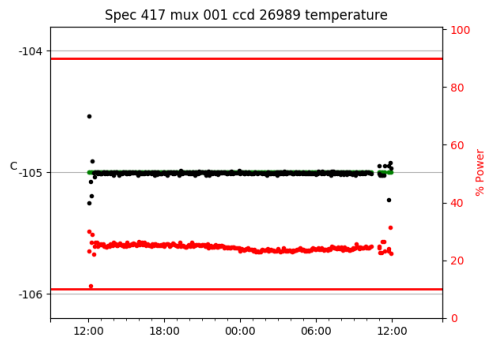
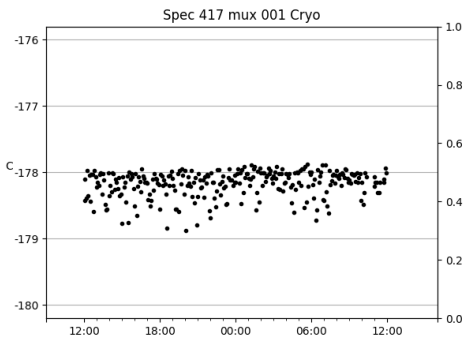
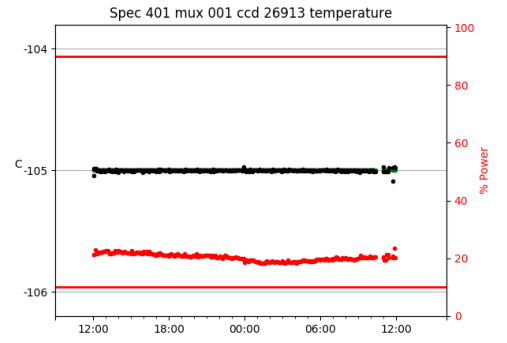
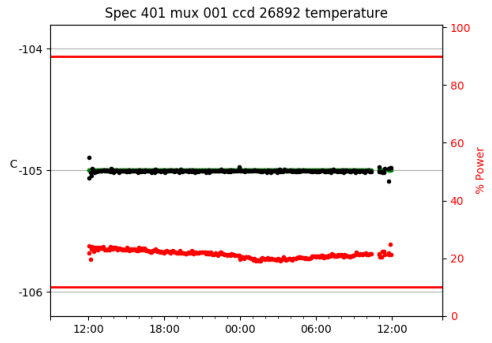
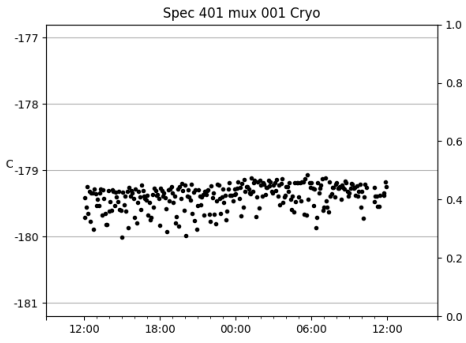
2.3 virus

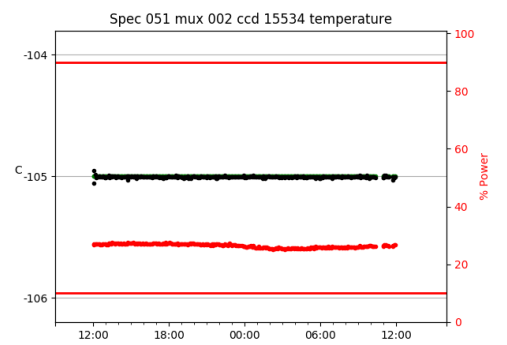
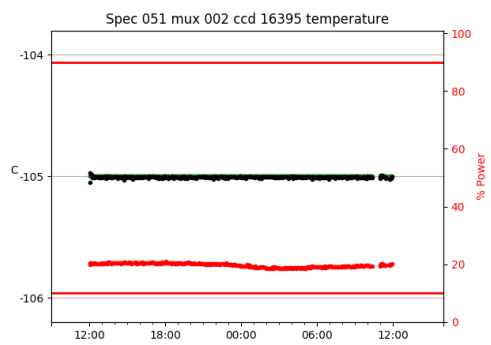
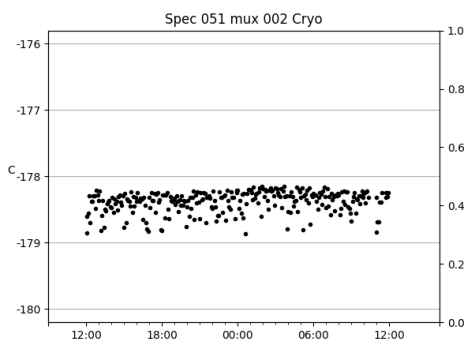
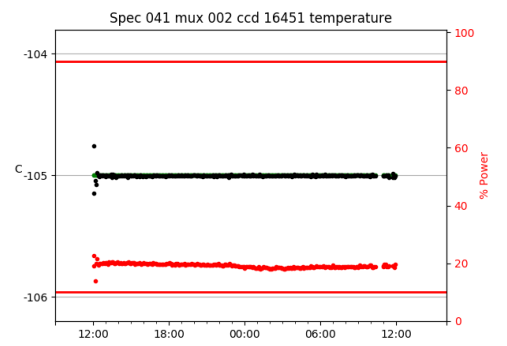
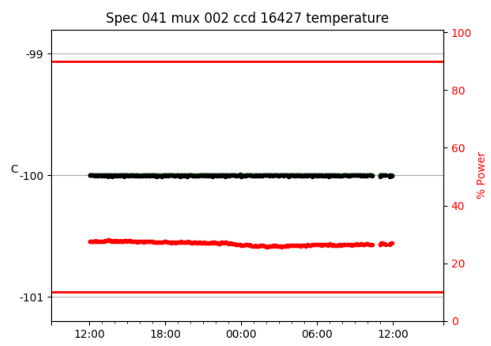
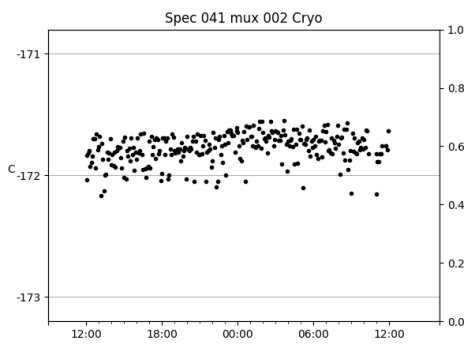
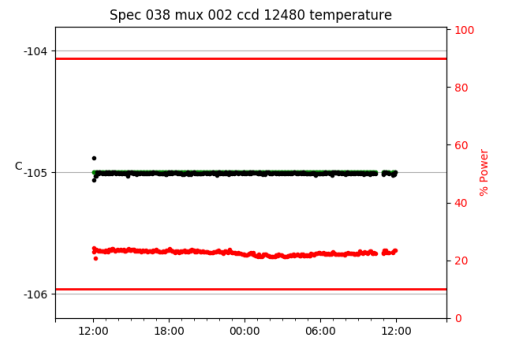
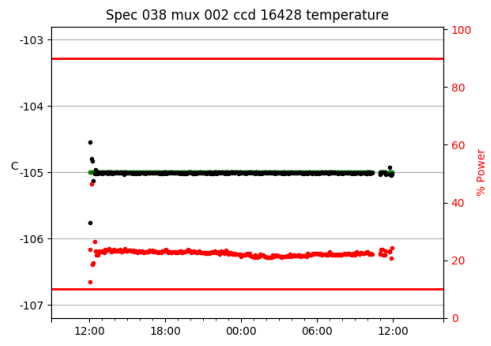
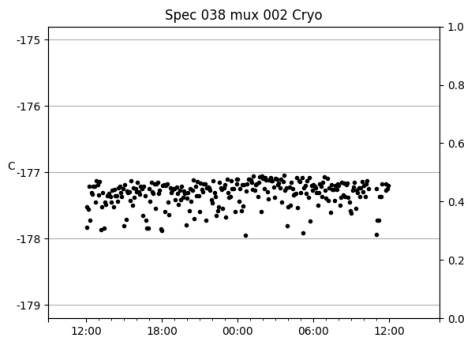
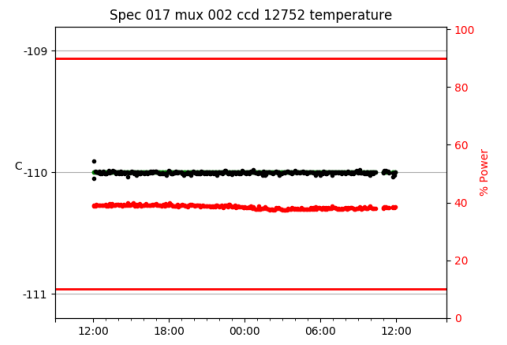
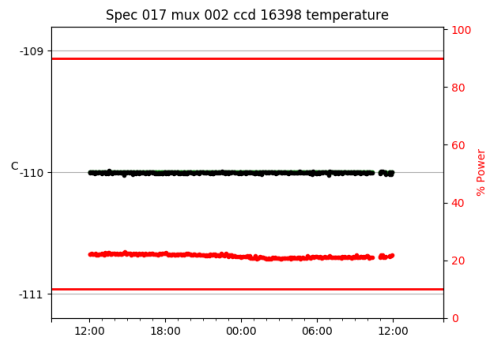
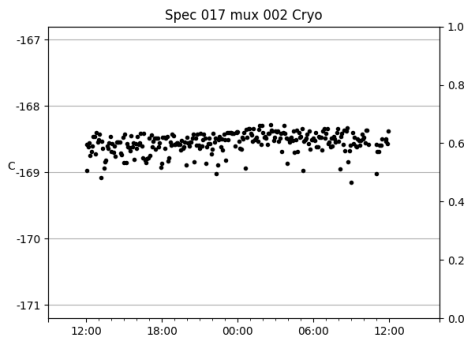
virus uptime: 69:55:10 (hh:mm:ss)

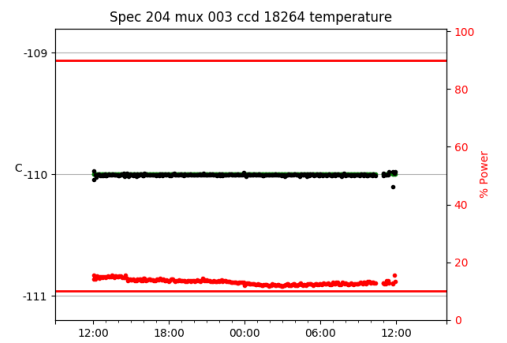
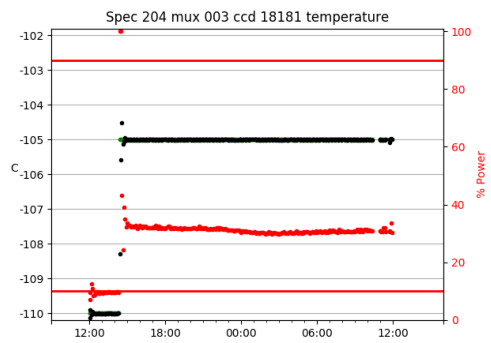
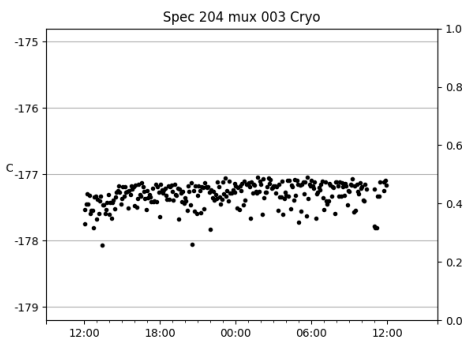
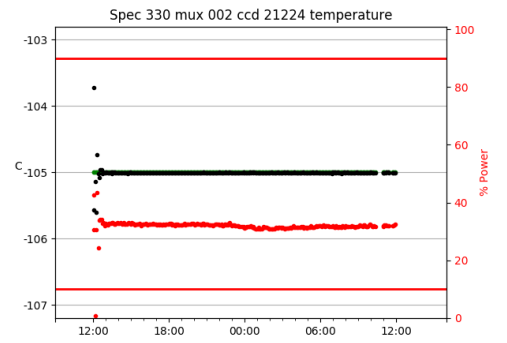
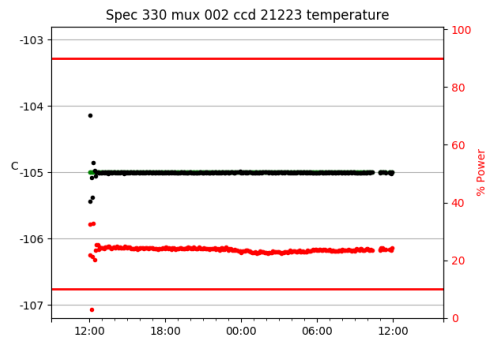
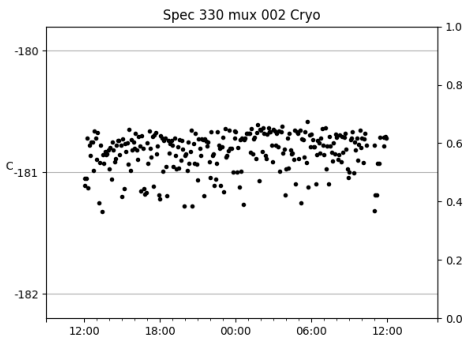
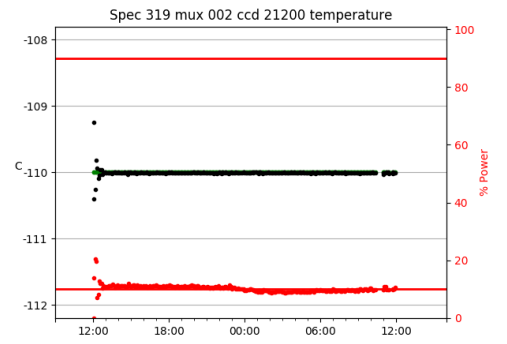
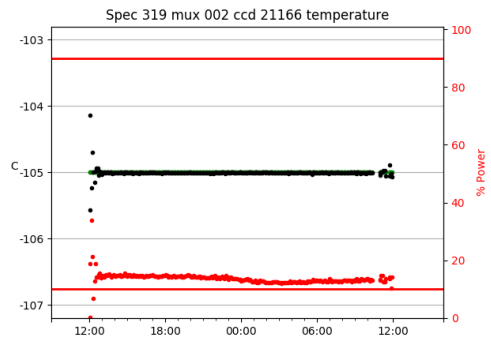
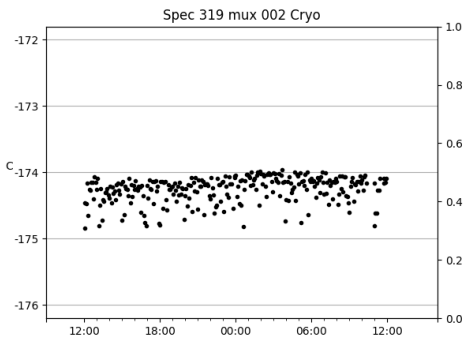
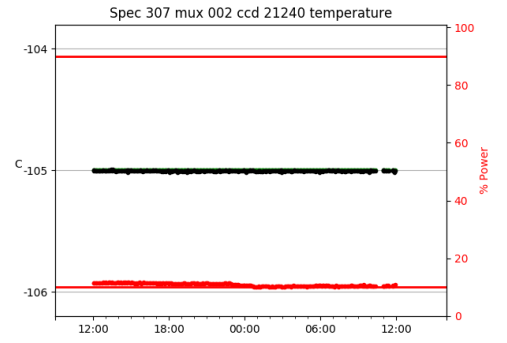
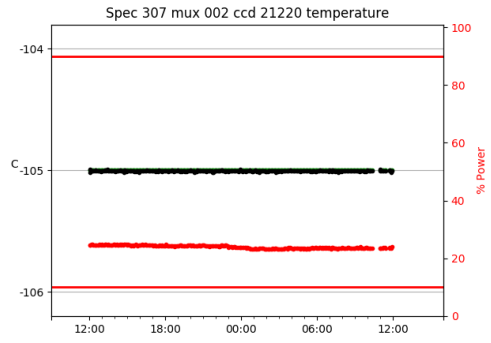
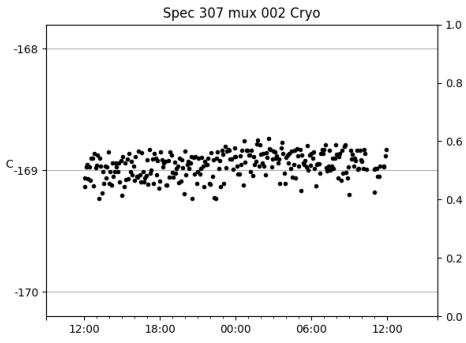


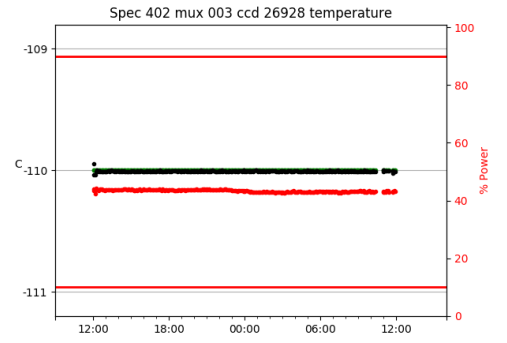
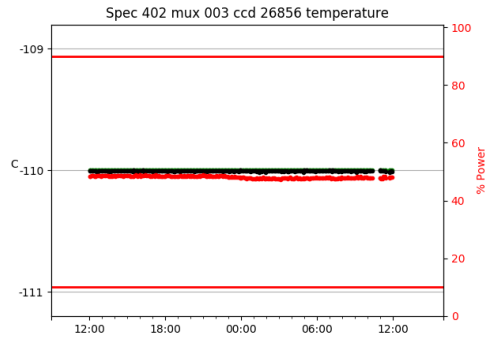
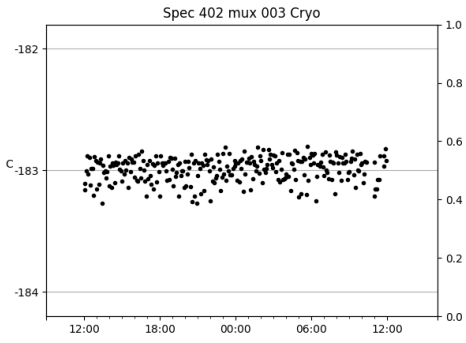
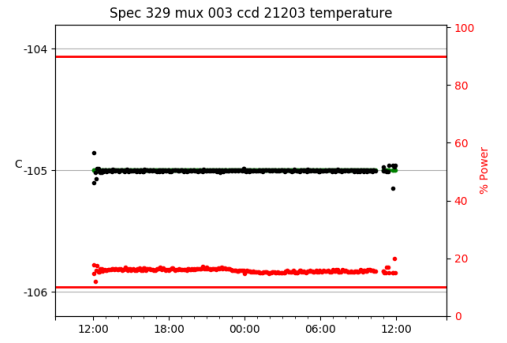
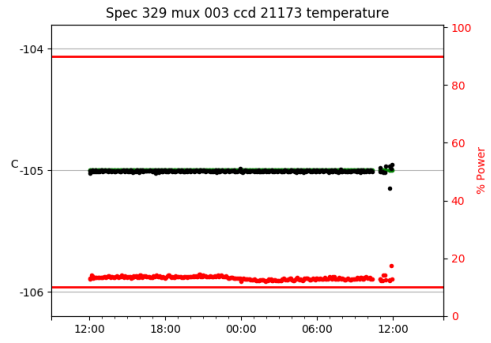
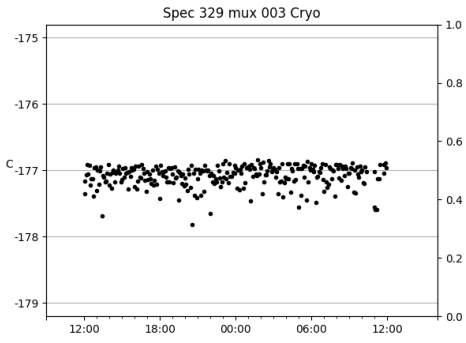
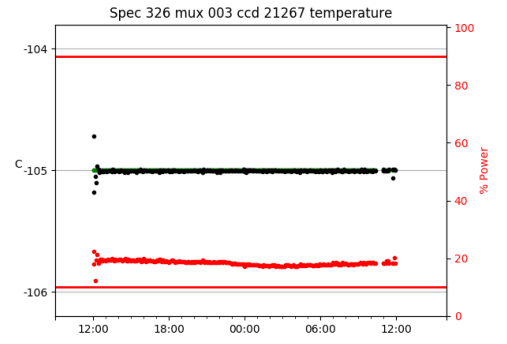
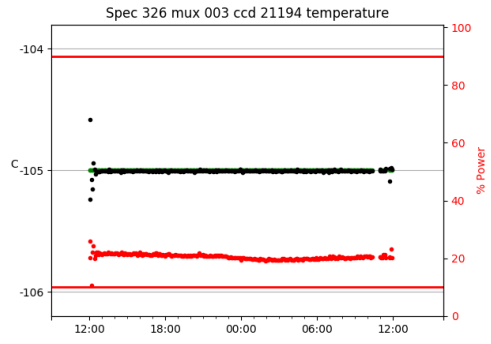
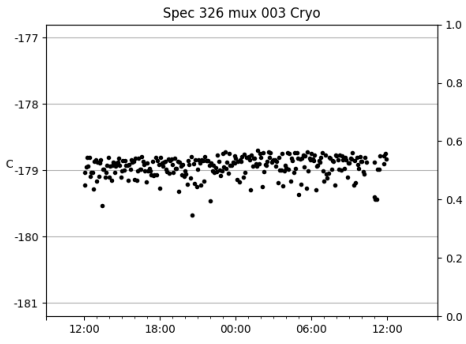
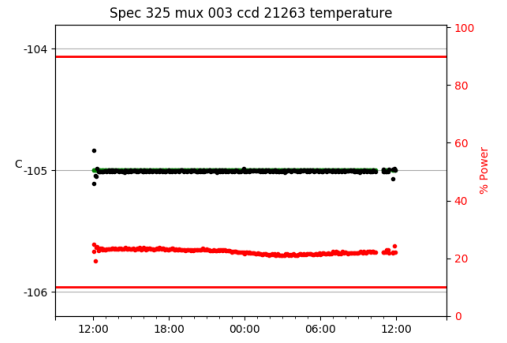
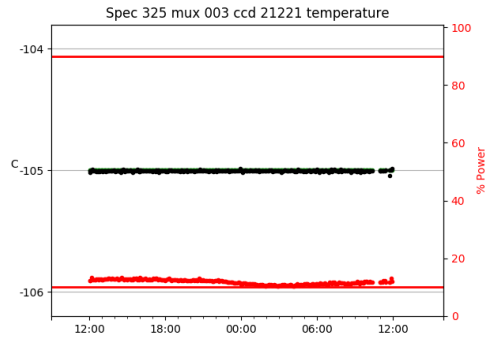
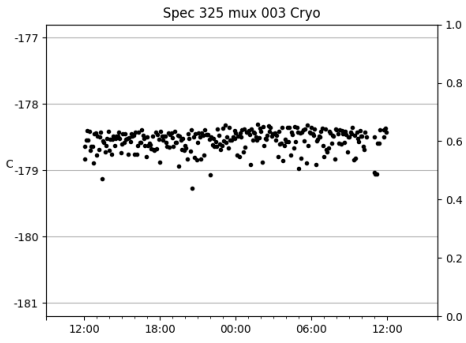


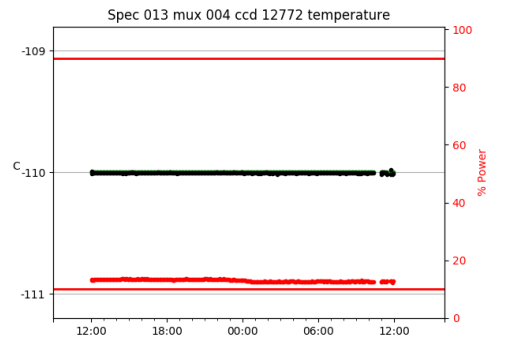
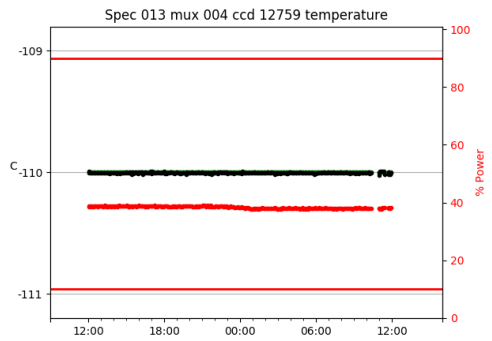
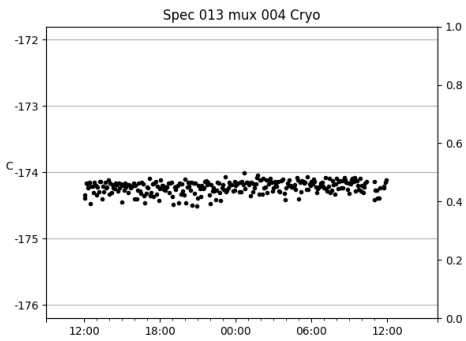
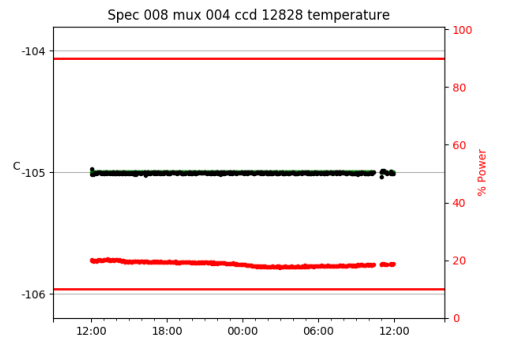
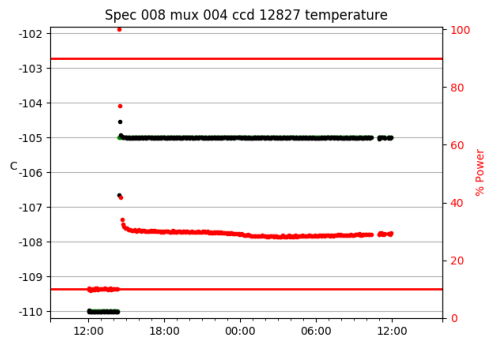
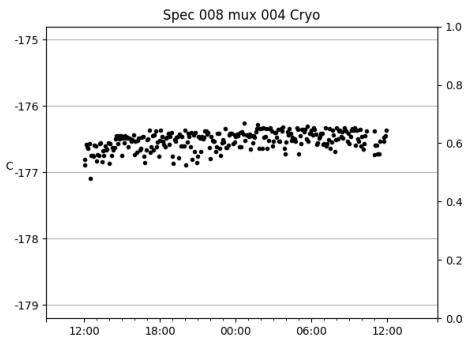
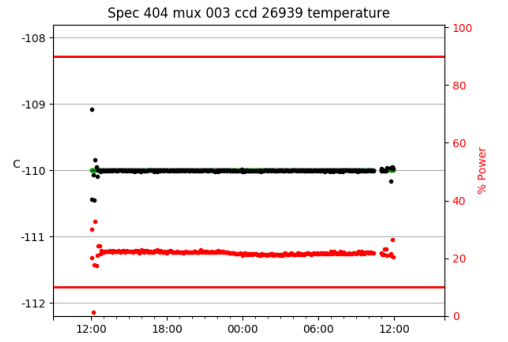
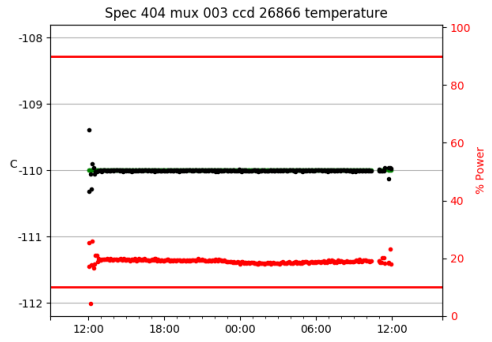
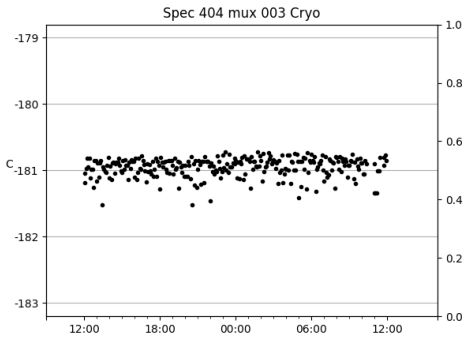
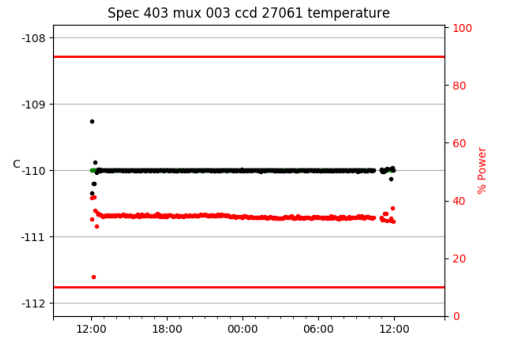
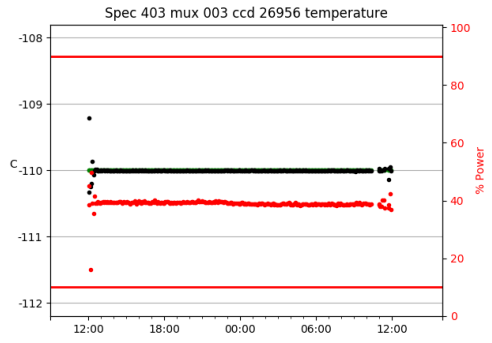
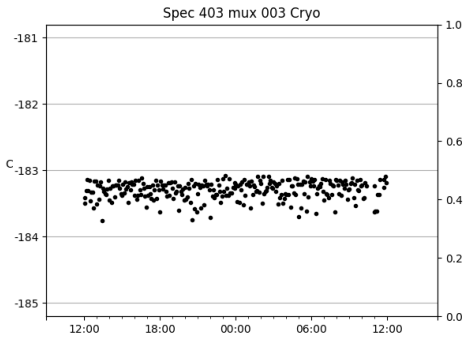


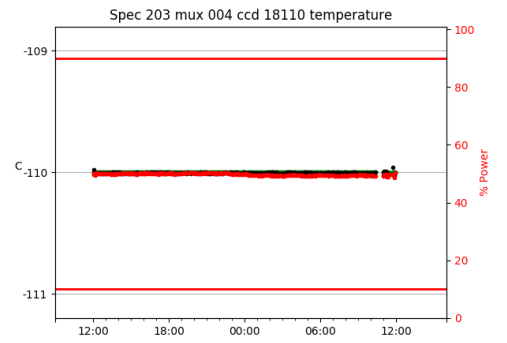
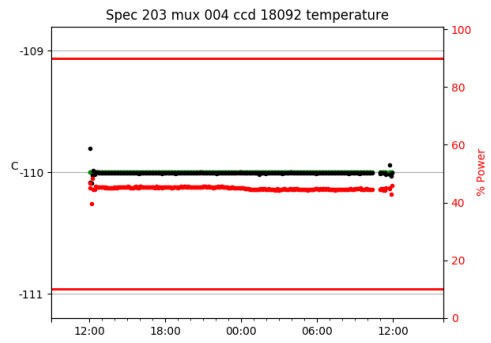
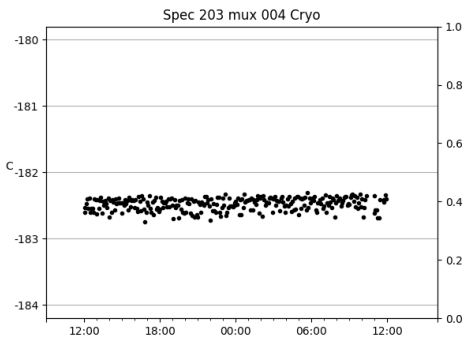
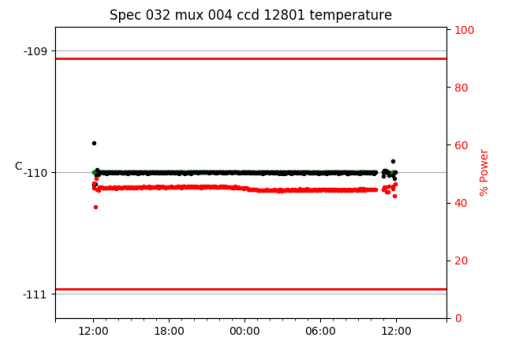
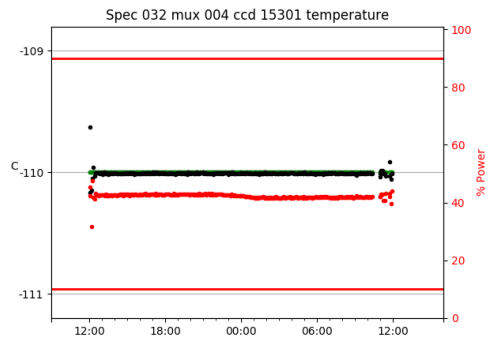
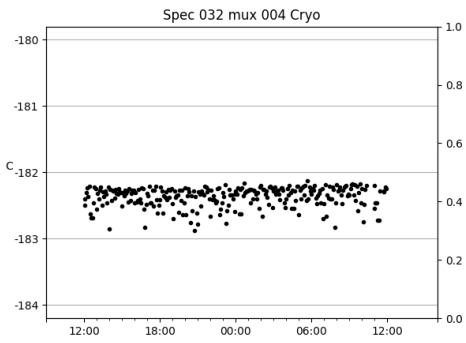
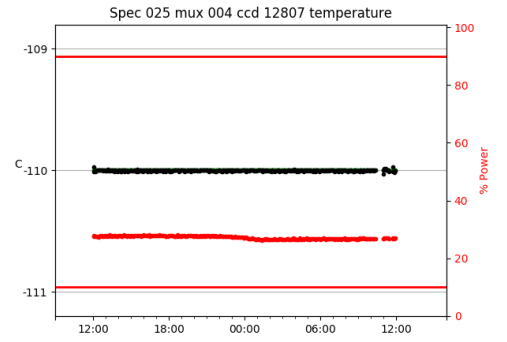
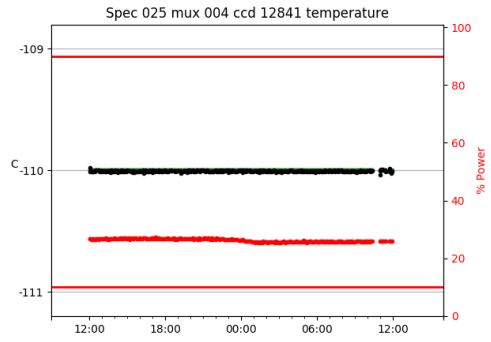
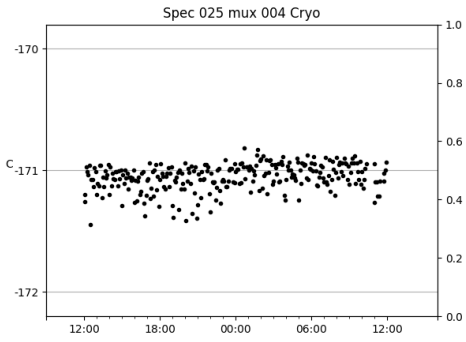
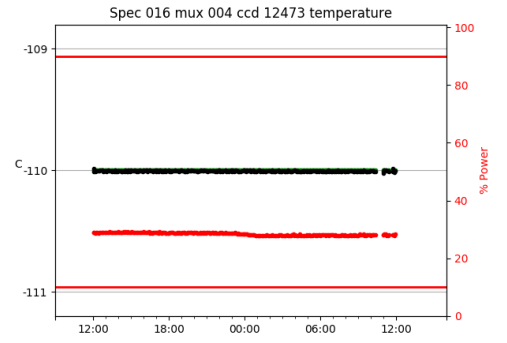
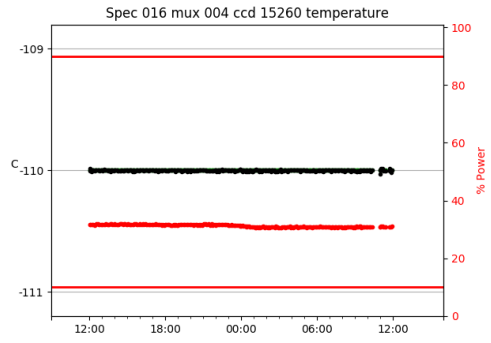
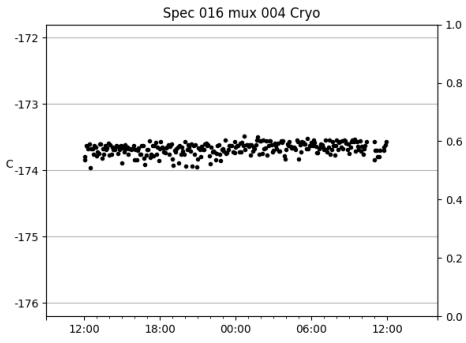


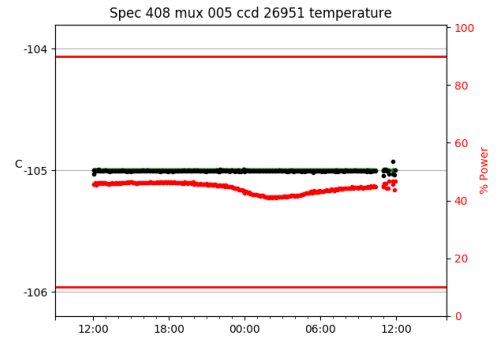
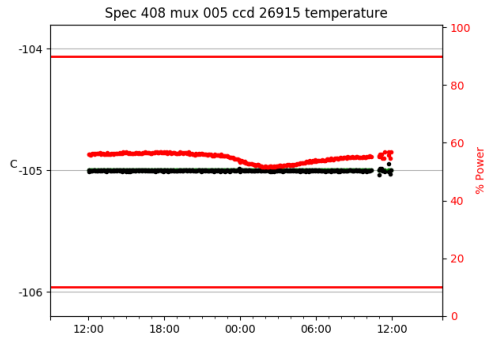
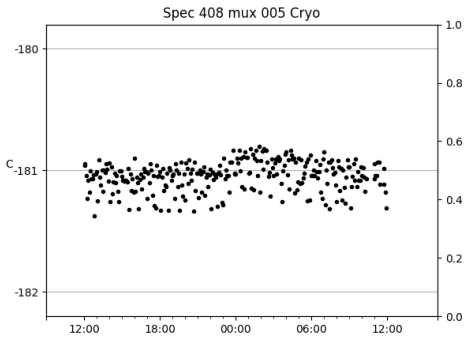
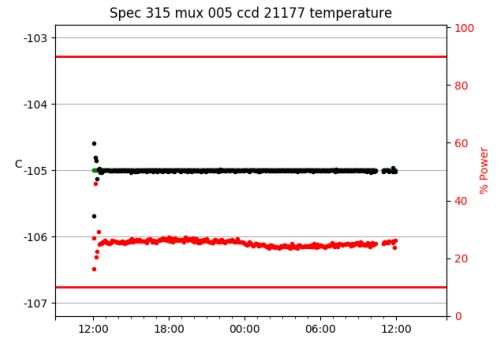
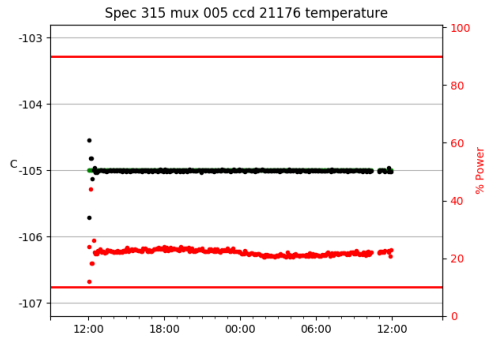
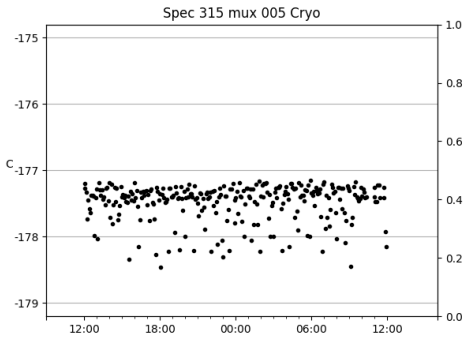
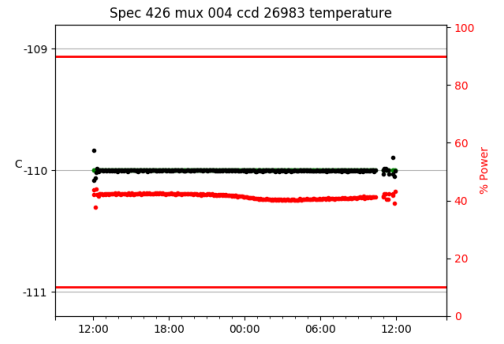
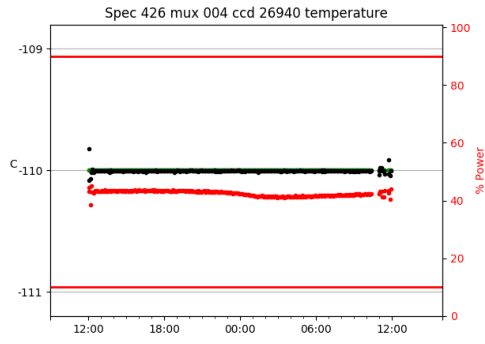
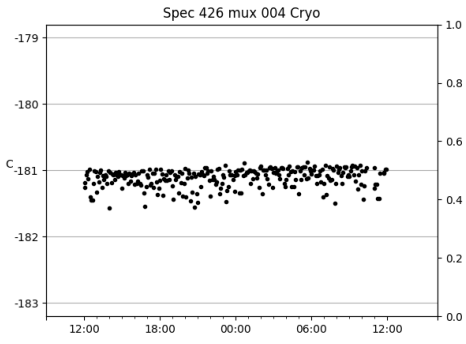
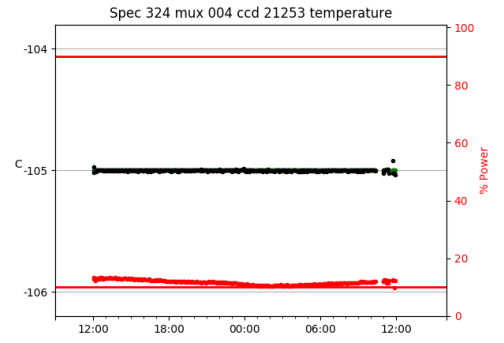
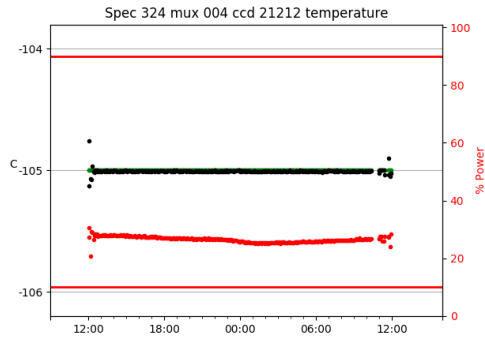
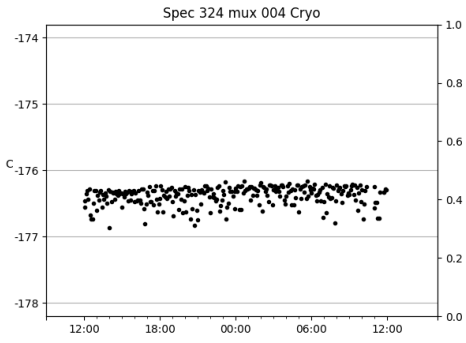


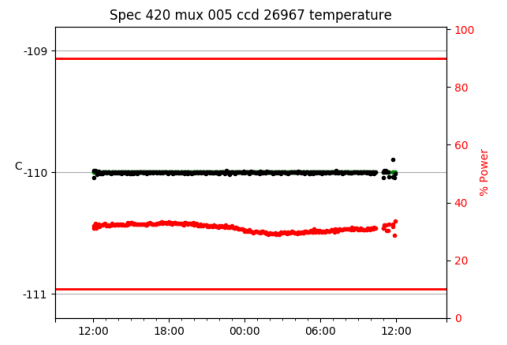
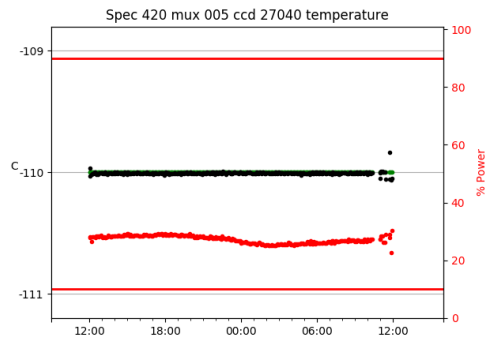
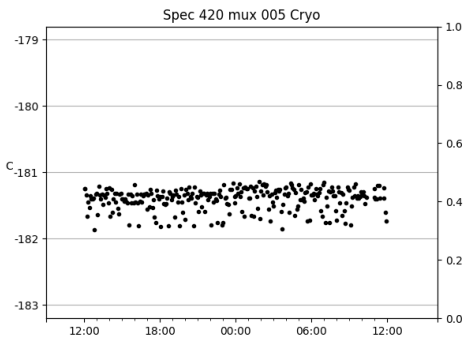
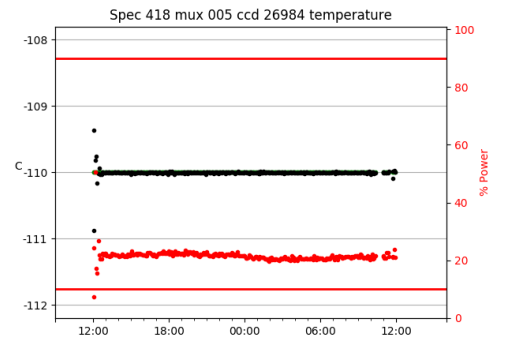
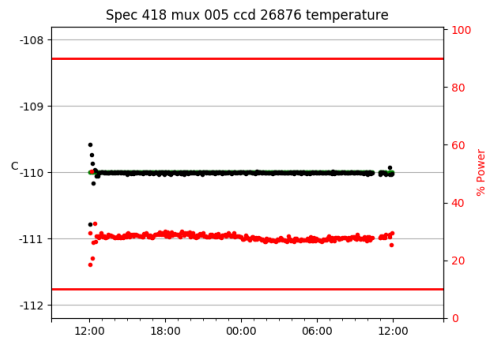
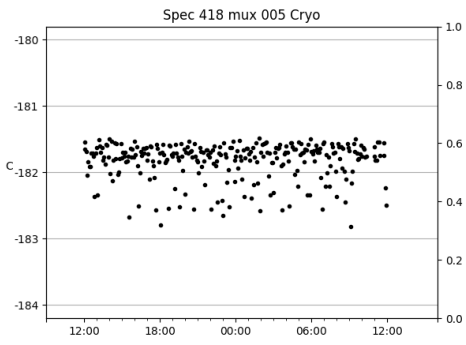
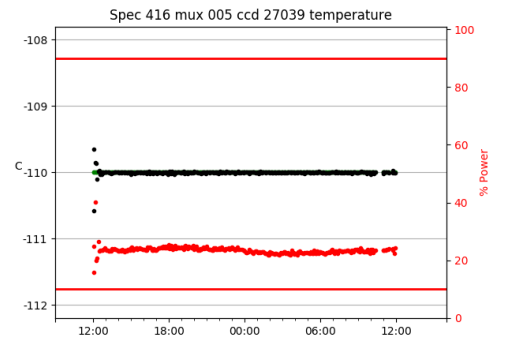
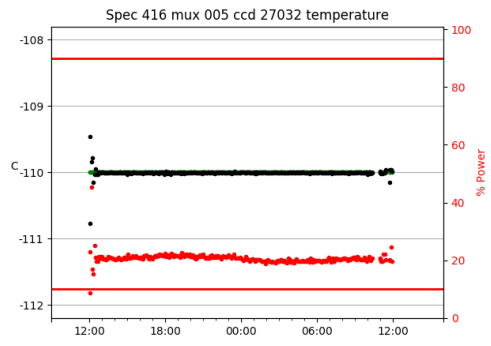
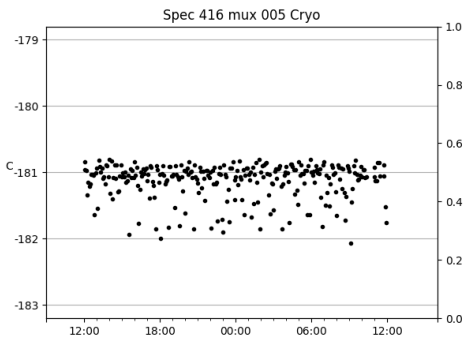
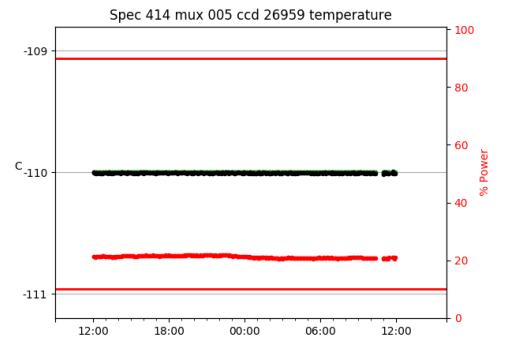
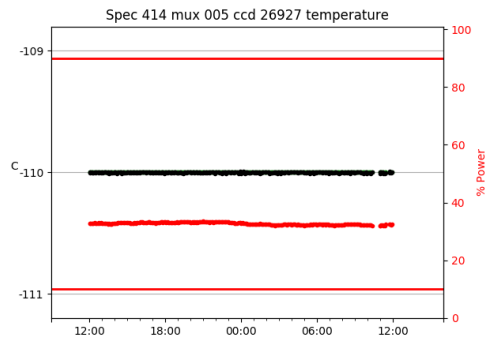
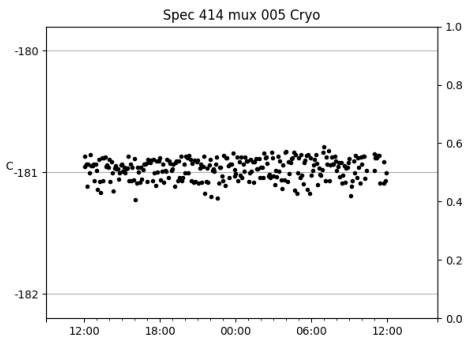


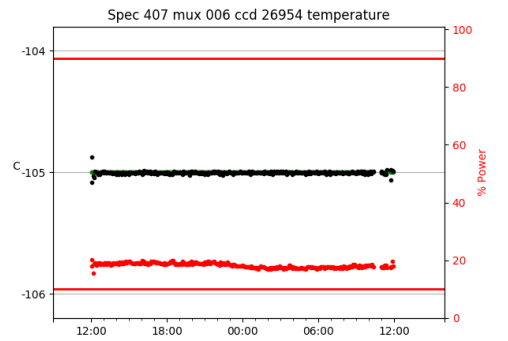
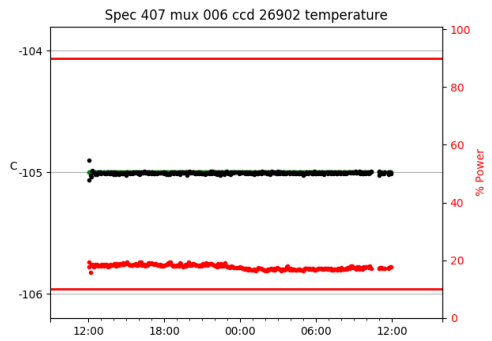
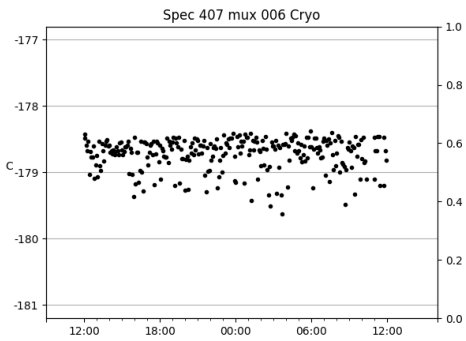
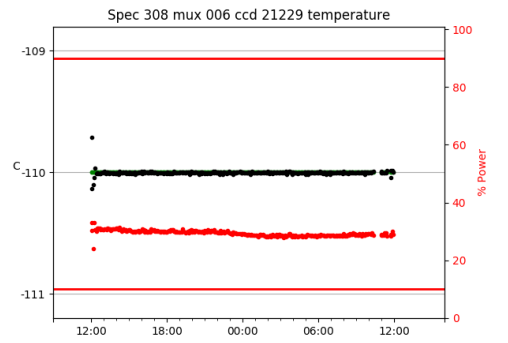
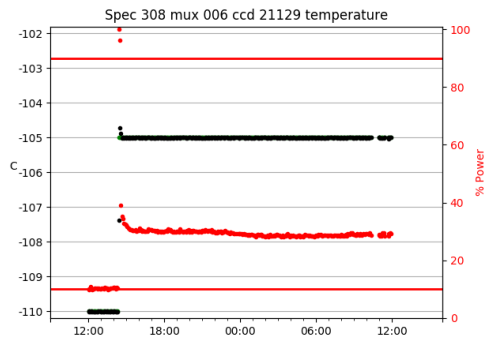
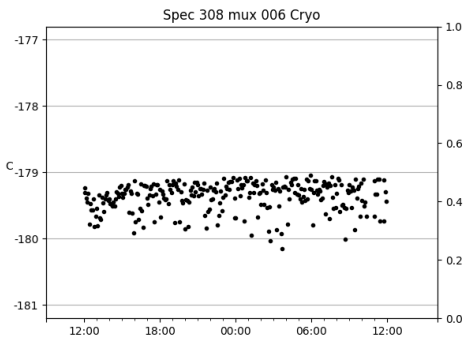
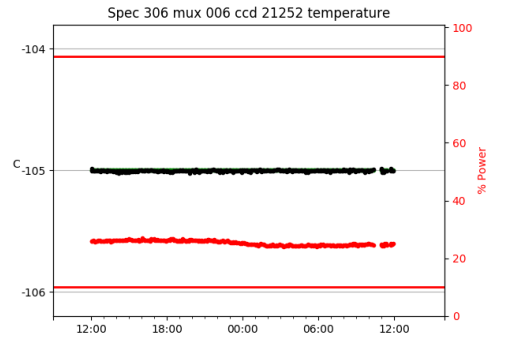
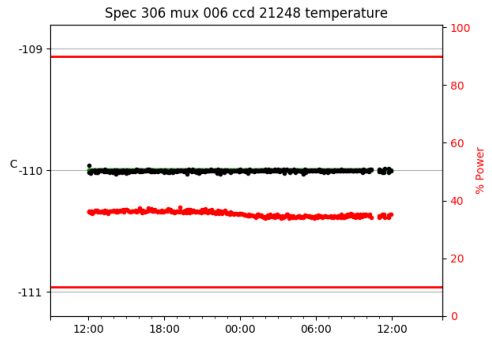
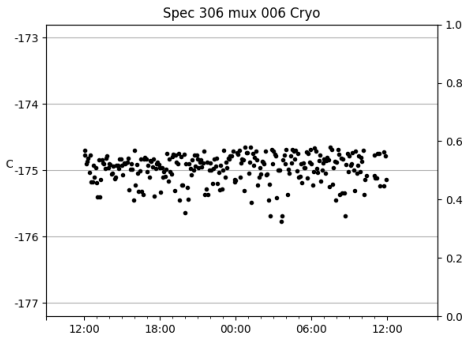
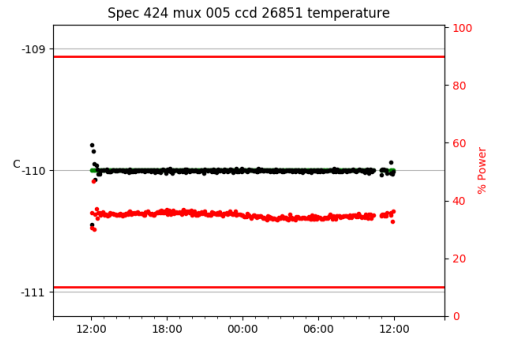
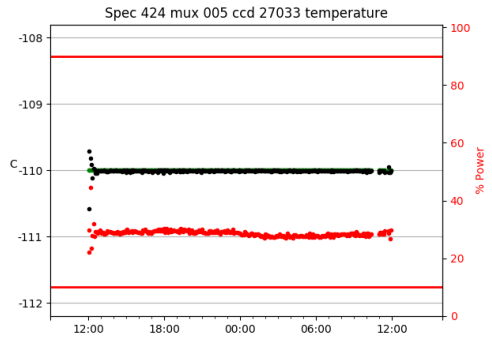
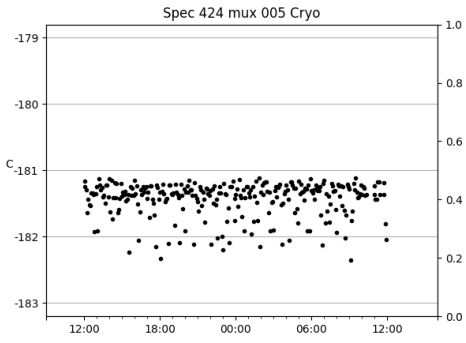


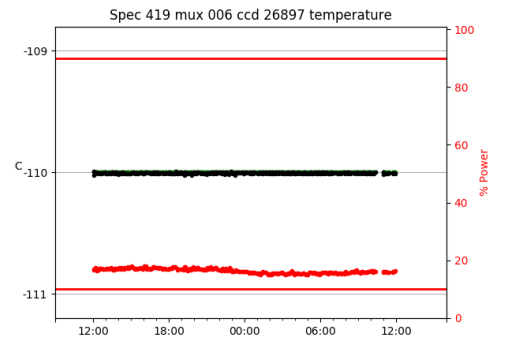
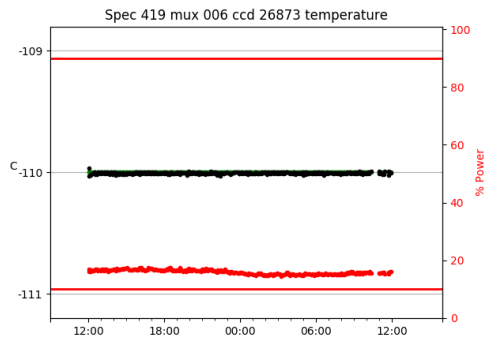
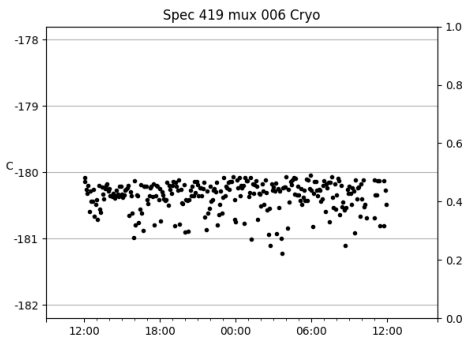
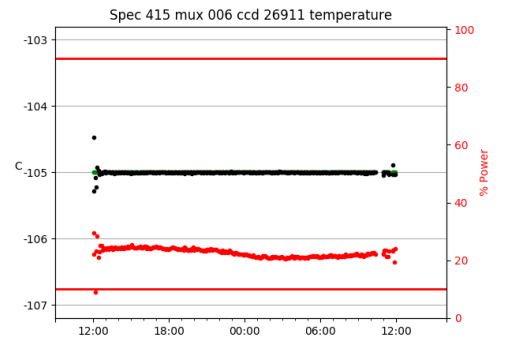
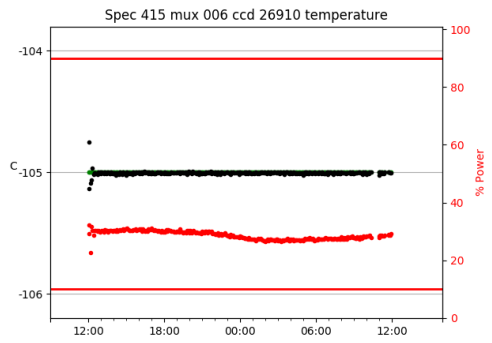
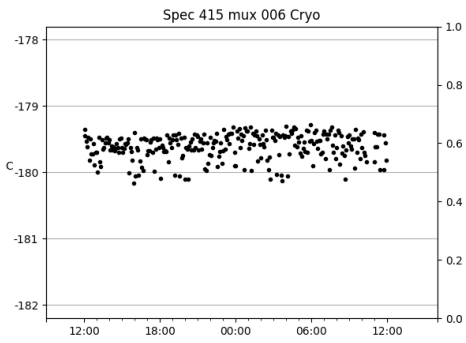
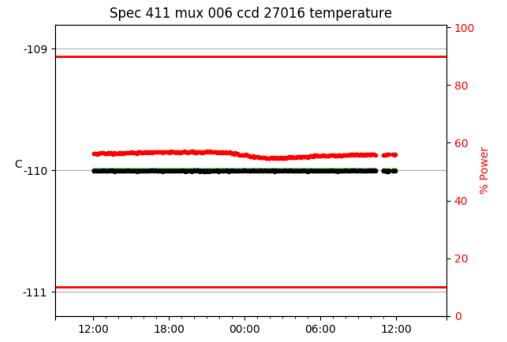
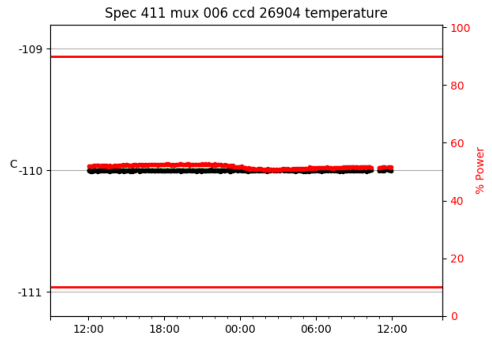
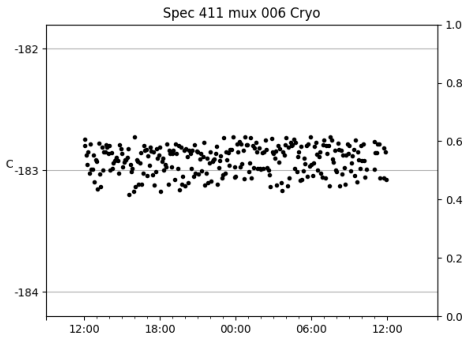
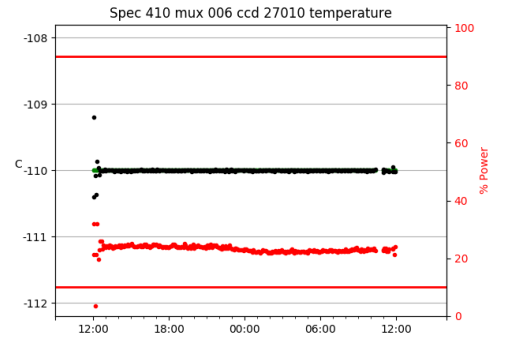
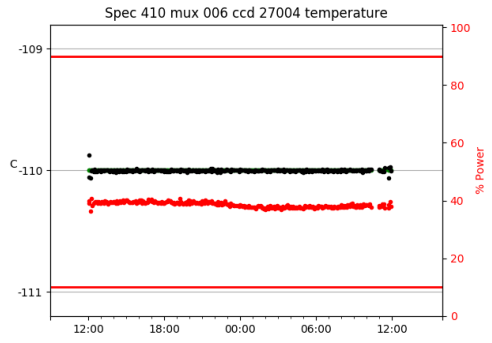
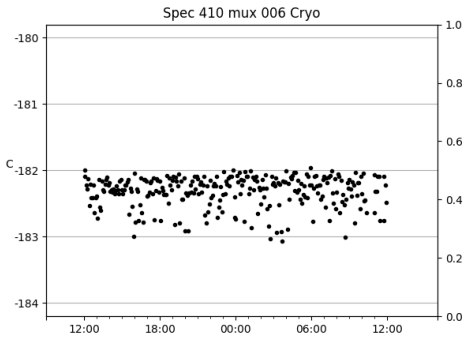


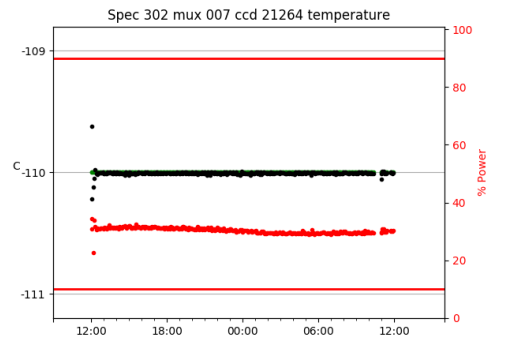
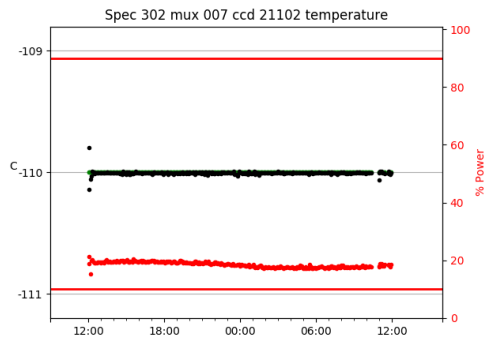
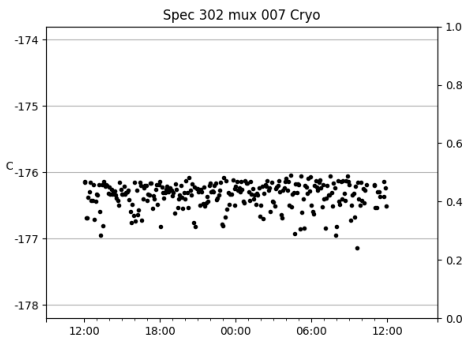
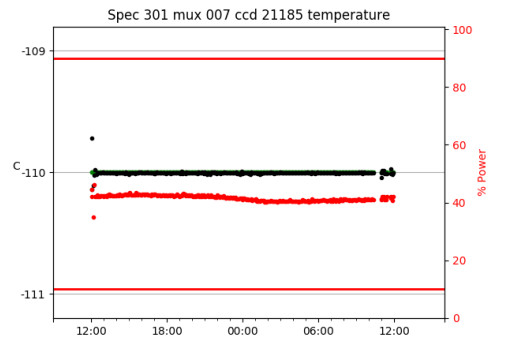
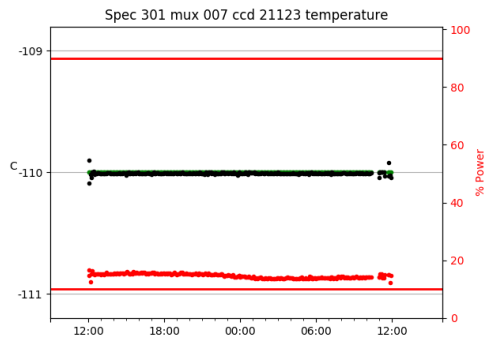
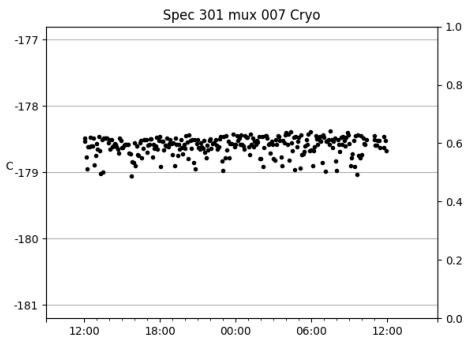
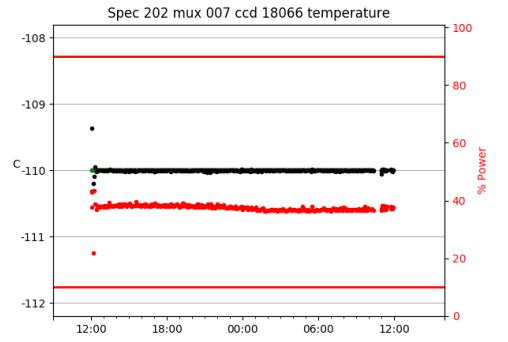
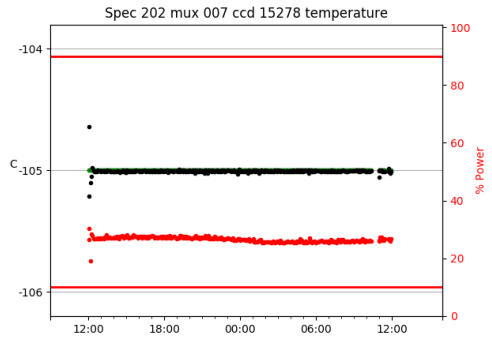
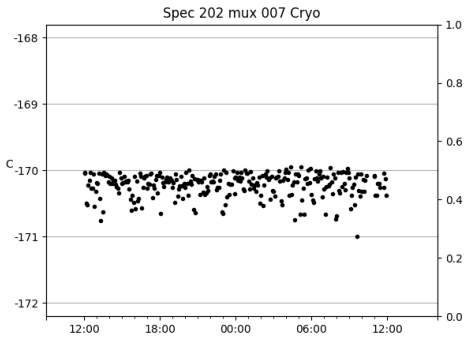
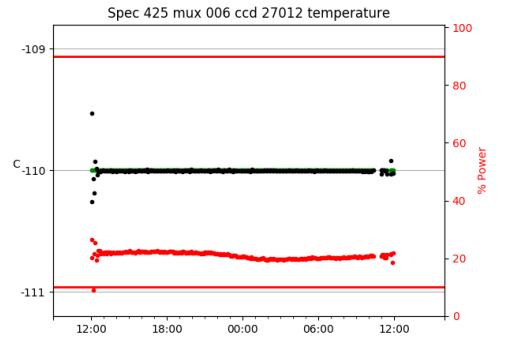
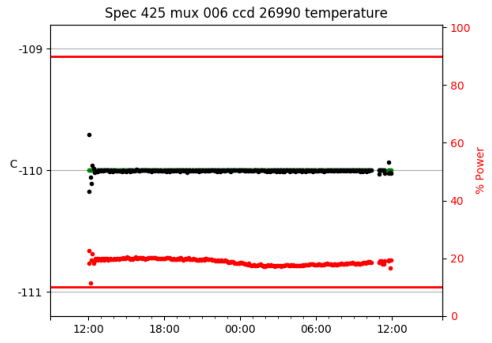
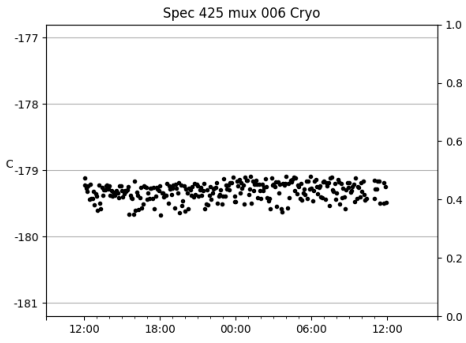


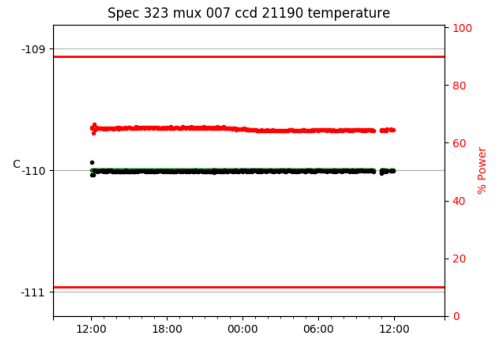
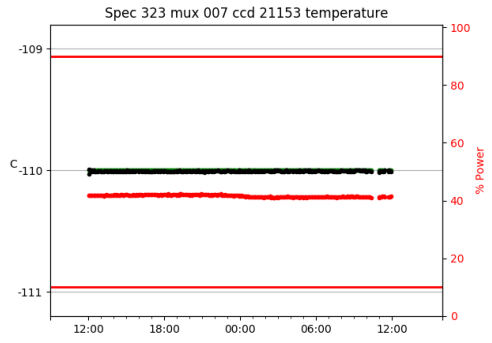
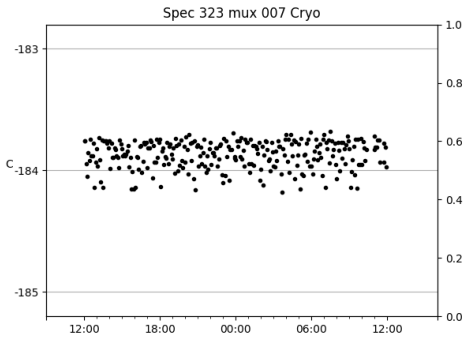
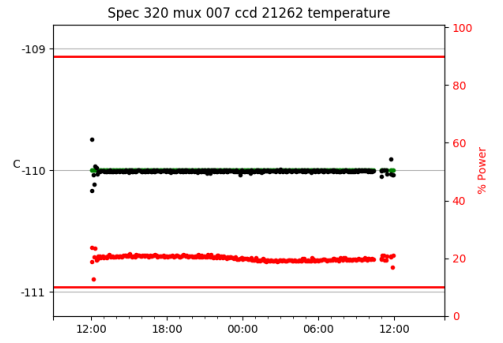
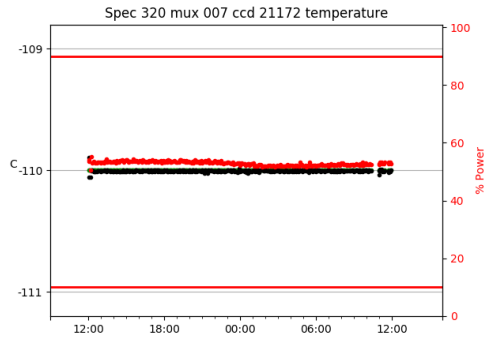
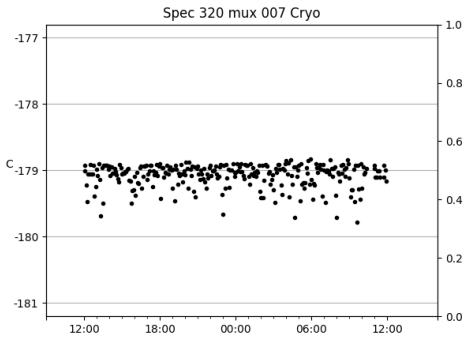
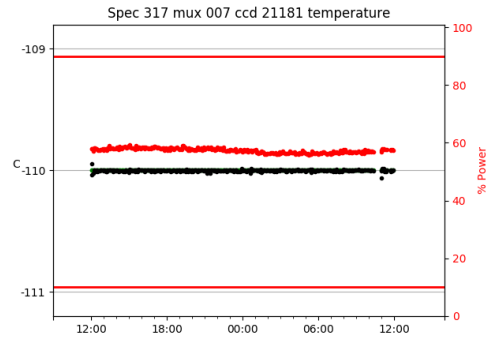
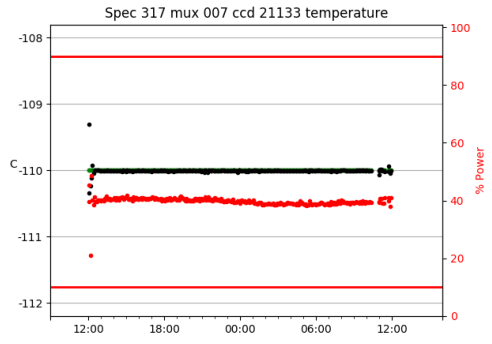
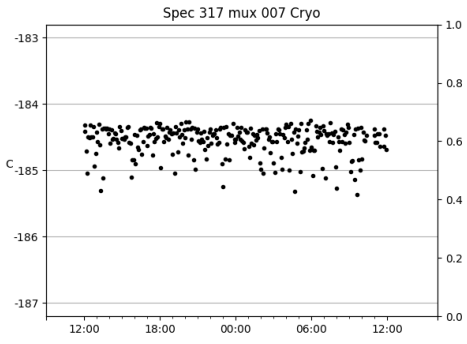
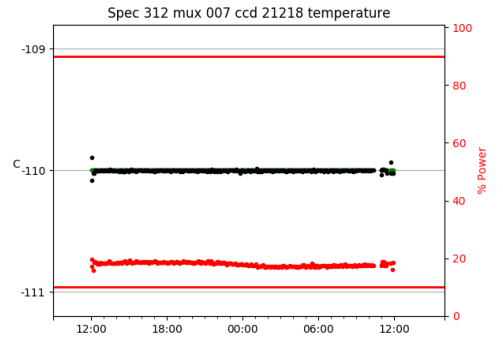
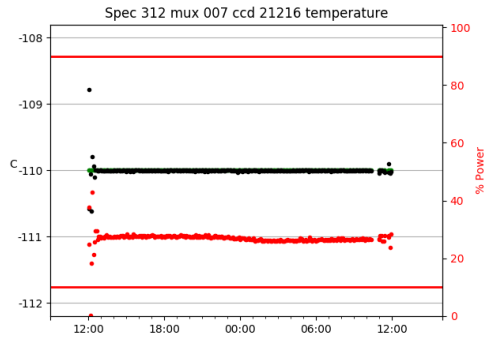
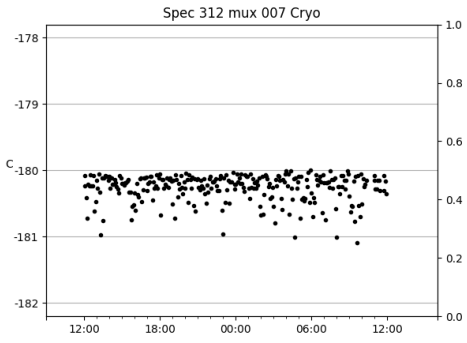


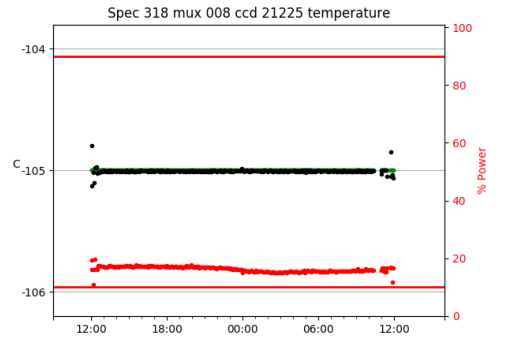
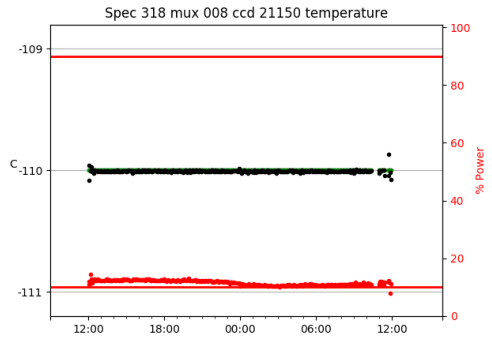
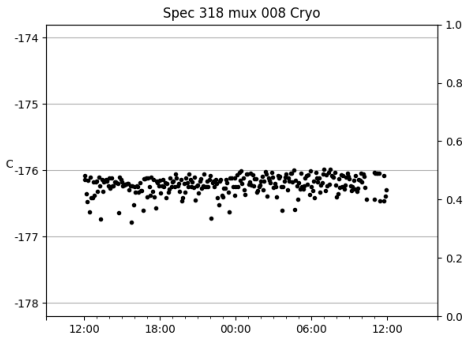
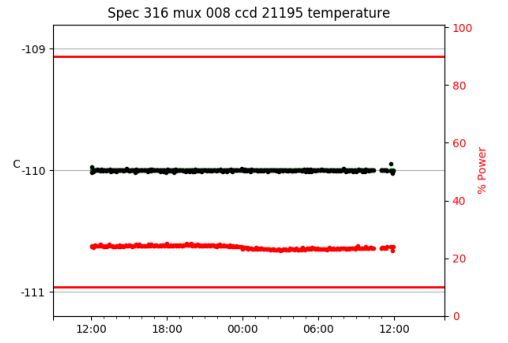
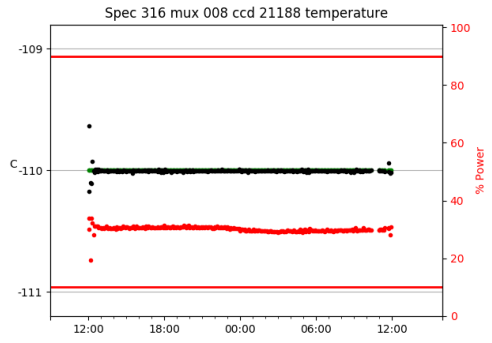
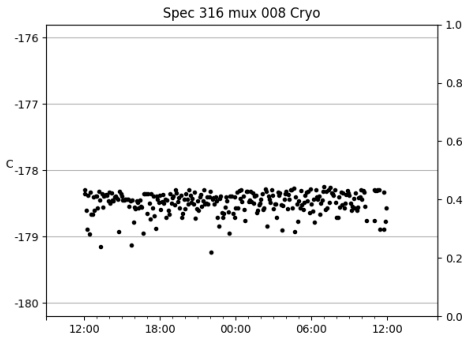
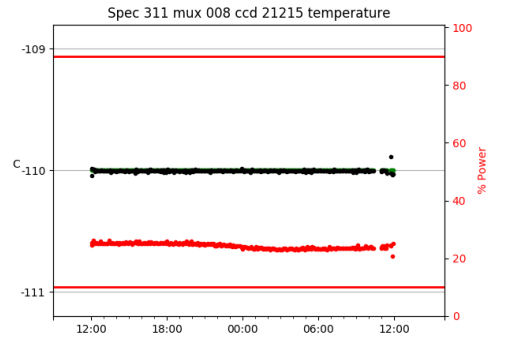
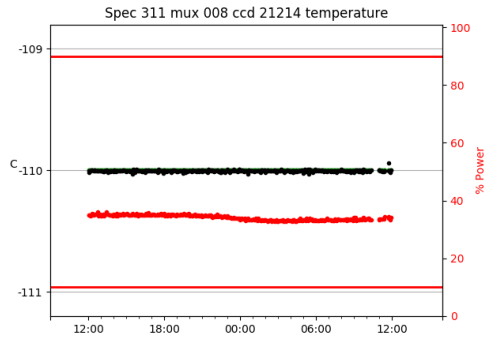
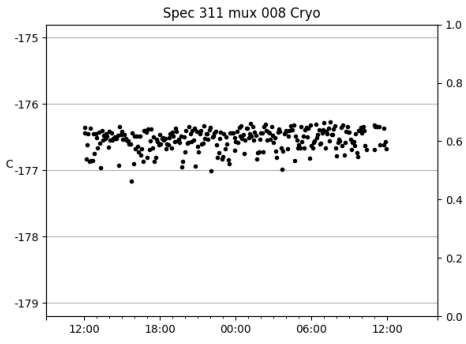
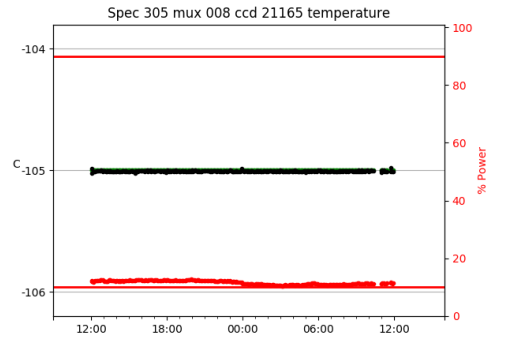
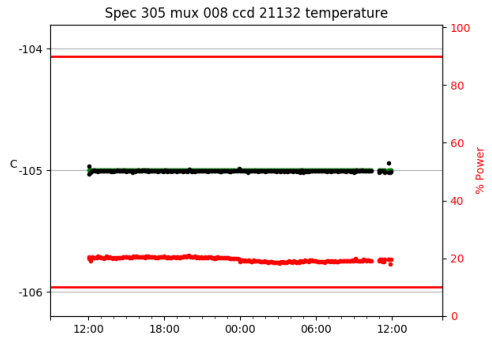
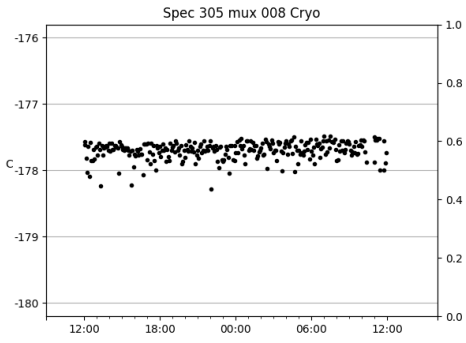


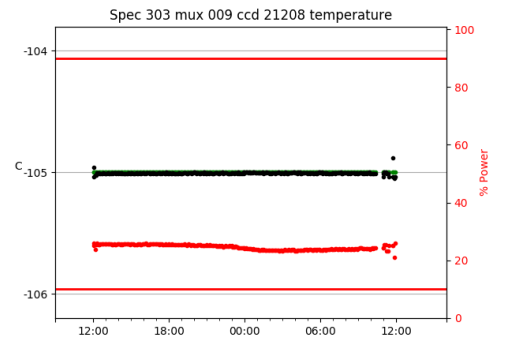
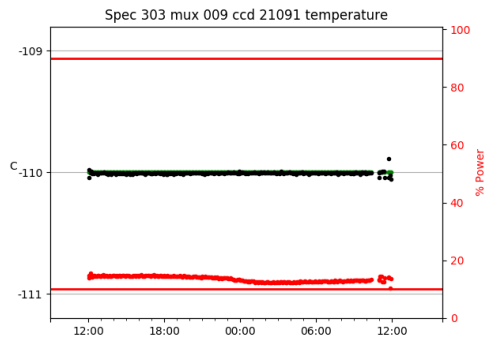
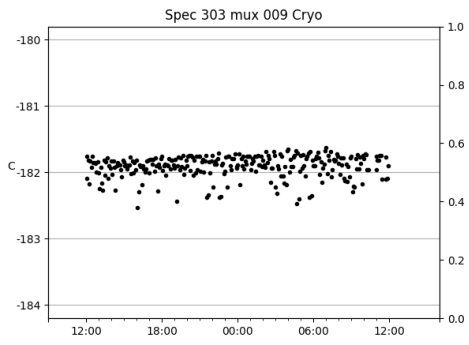
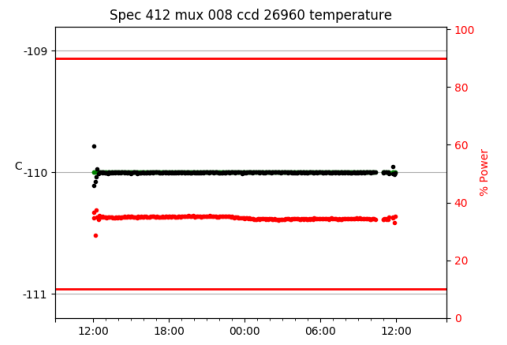
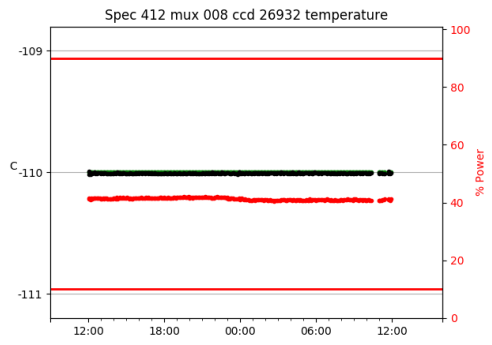
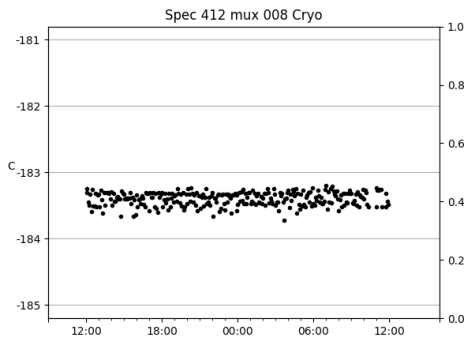
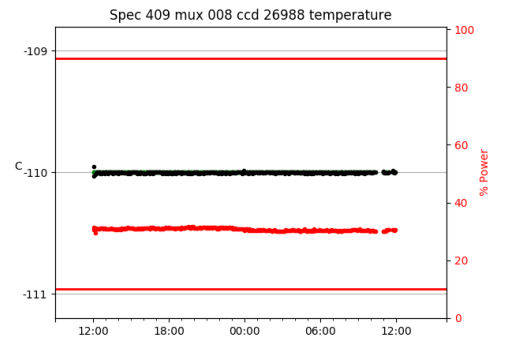
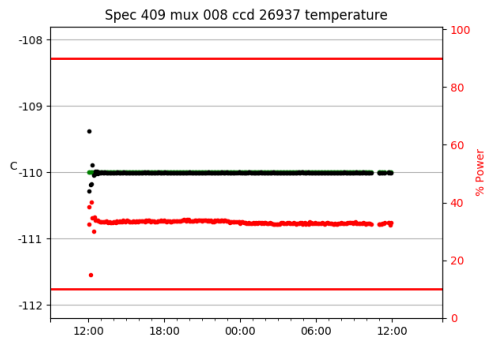
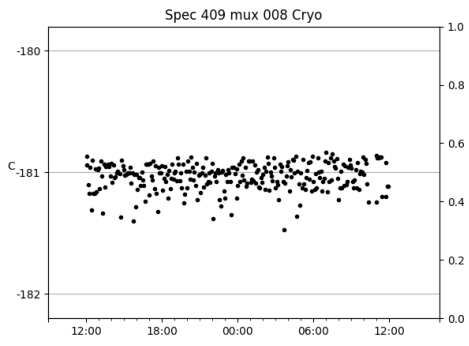
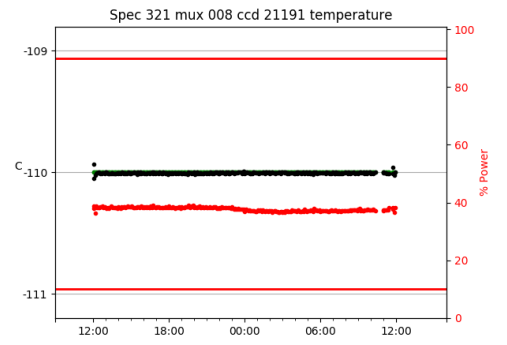
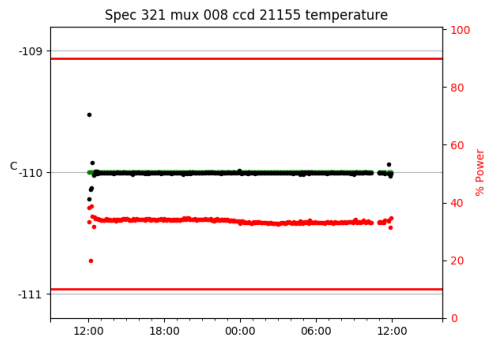
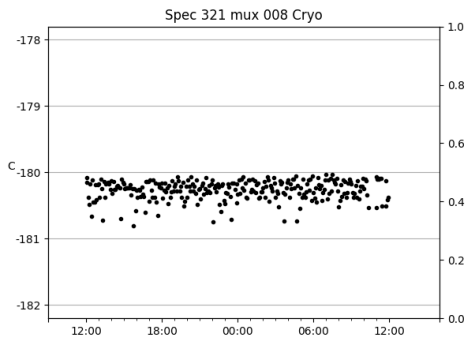


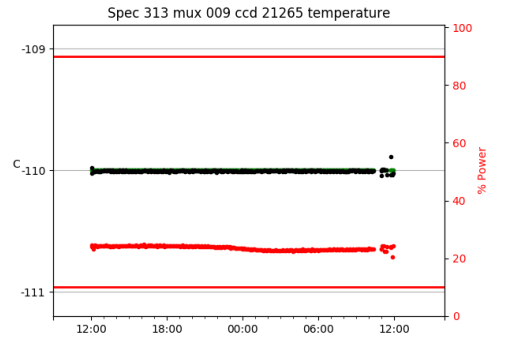
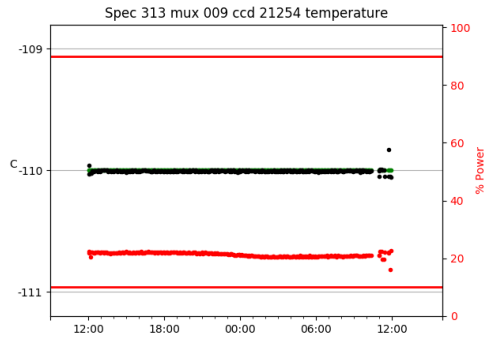
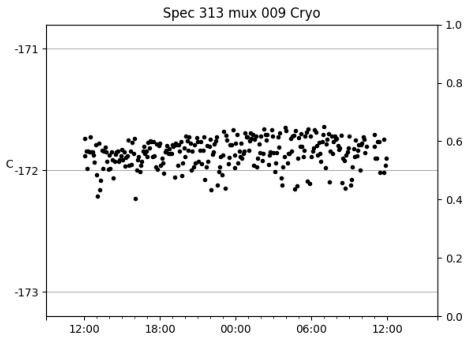
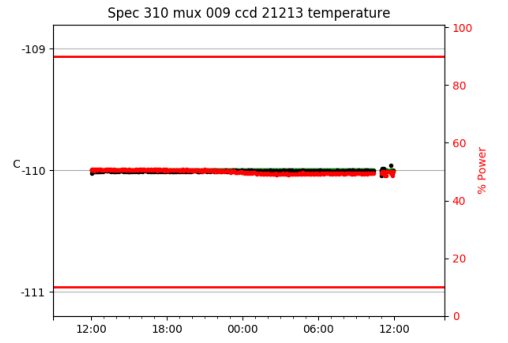
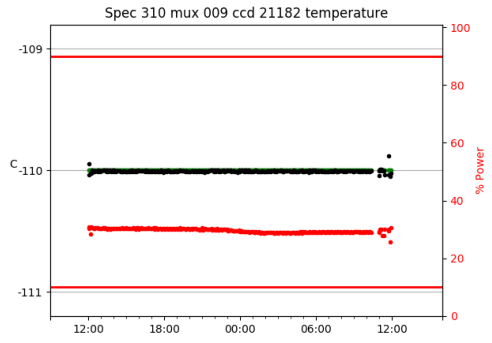
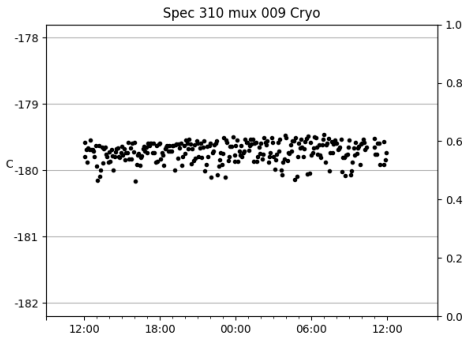
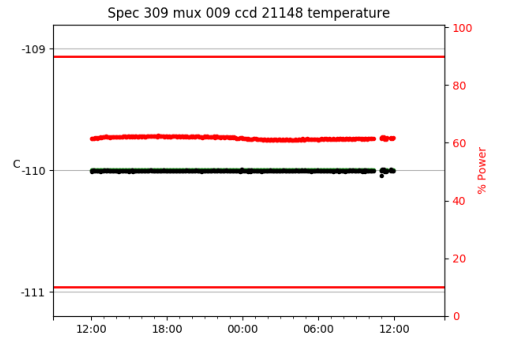
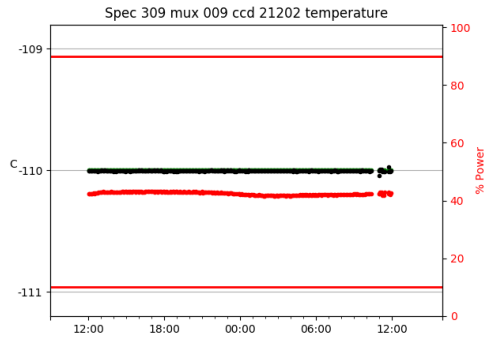
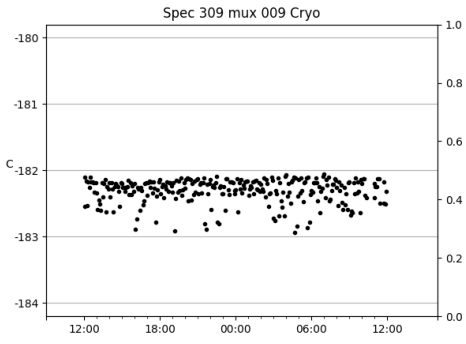
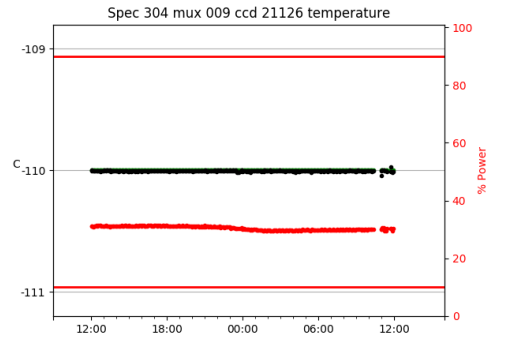
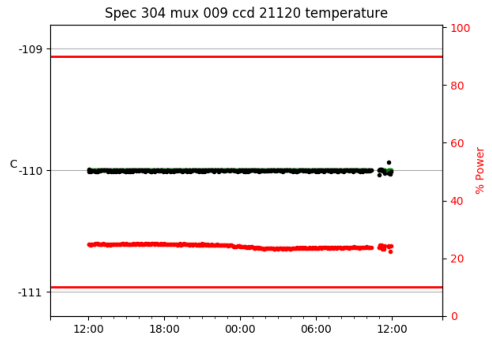
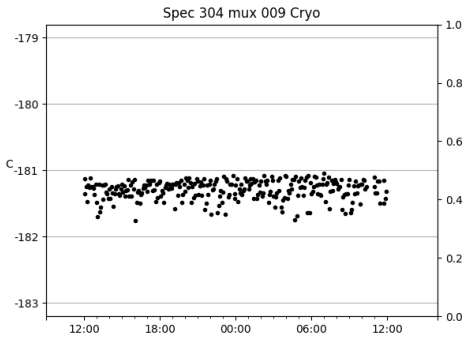


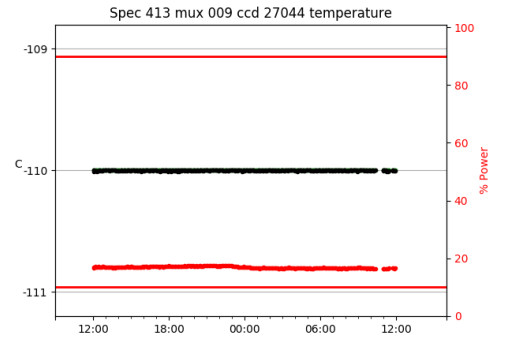
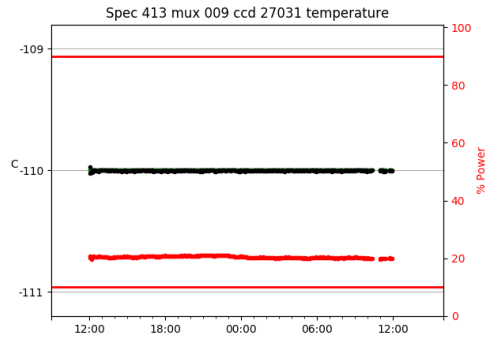
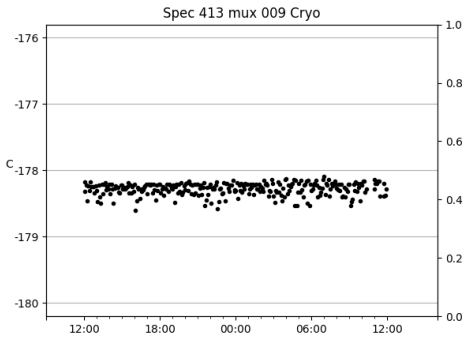
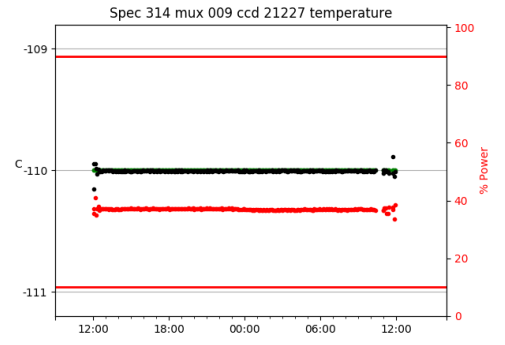
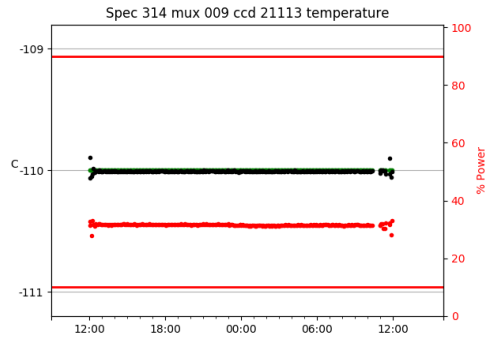
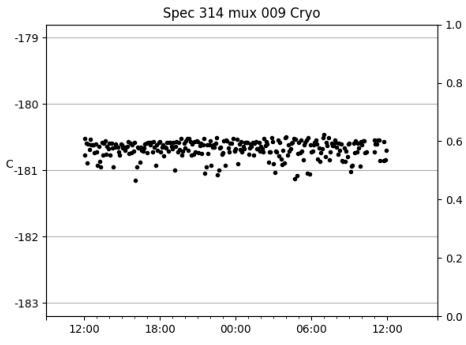




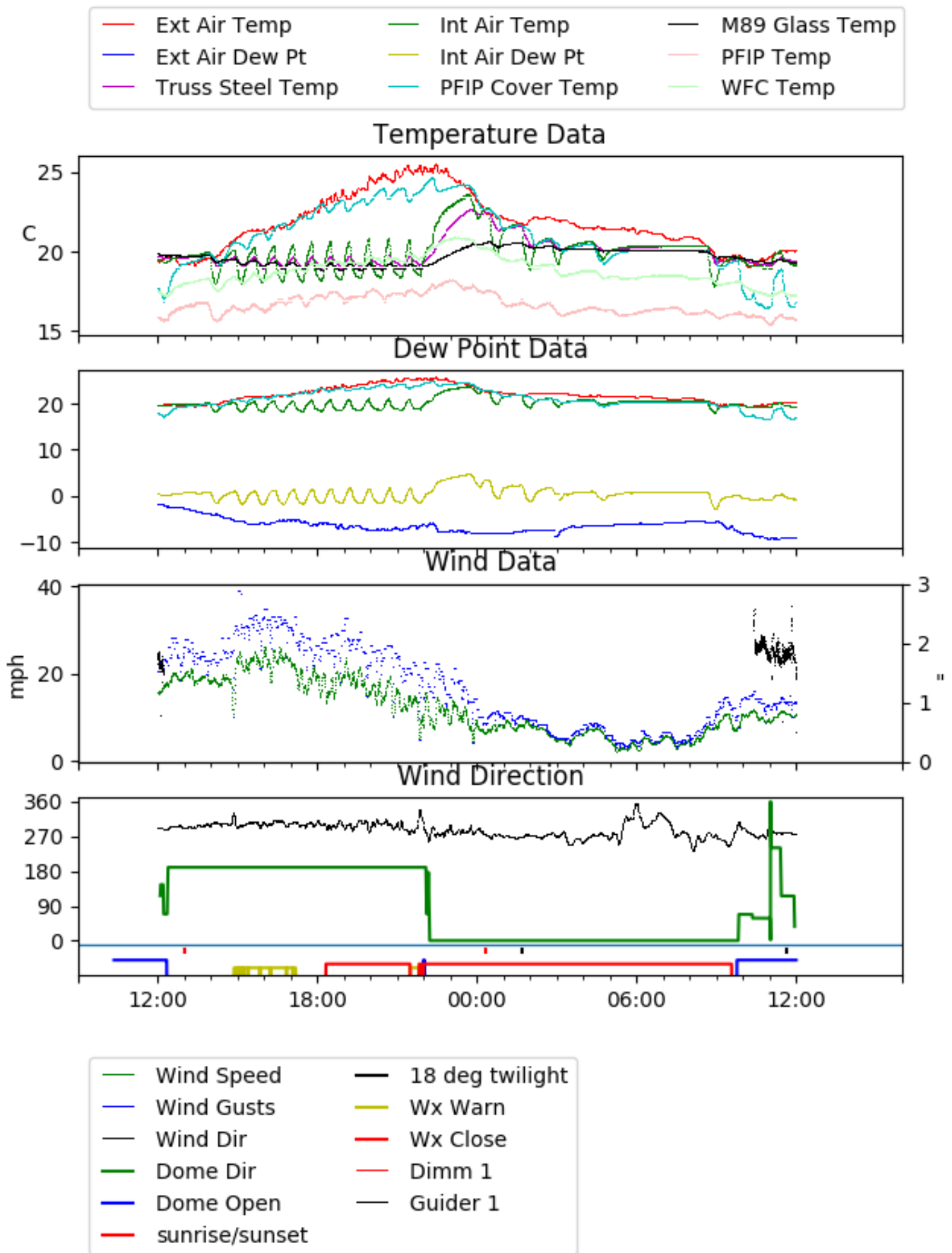






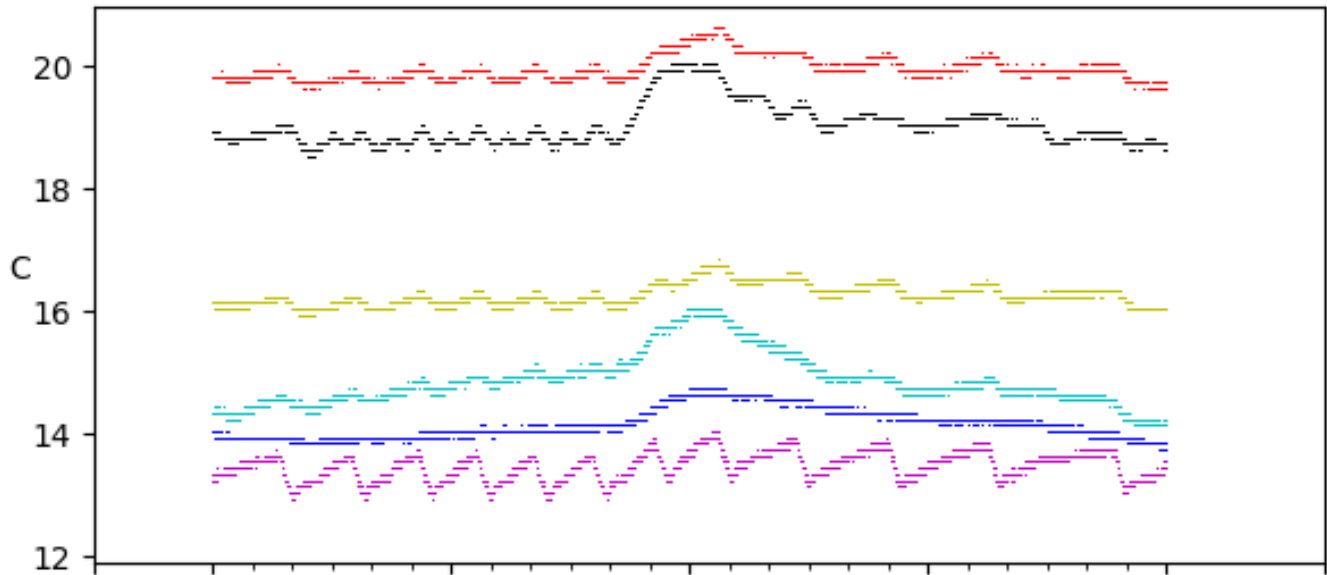


3 Weather

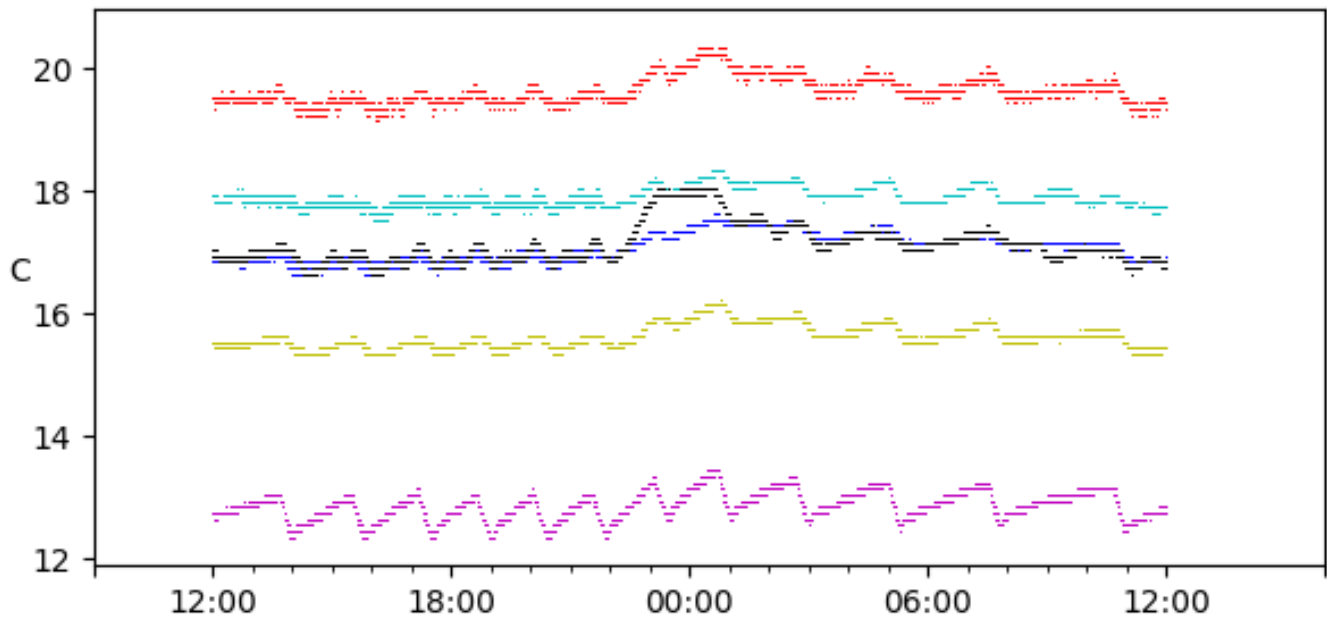


4 Virus Enclosures

Virus Enclosure 1



Virus Enclosure 2



5 Server Up Time

Current server run times:

tracker uptime: 16:02:06 (hh:mm:ss)
tcs uptime: 16:02:25 (hh:mm:ss)
pas uptime: 16:02:38 (hh:mm:ss)
pfip uptime: unable to contact pfip server
legacy uptime: 16:03:52 (hh:mm:ss)
lrs2 uptime: 1239:58:48 (hh:mm:ss)
virus uptime: 70:06:12 (hh:mm:ss)

