

# Hobby-Eberly Telescope Site Status Report \*

## McDonald Observatory, University of Texas at Austin

2021-09-05 12:00:08 to 2021-09-06 12:00:01 UTC

### Contents

<b>1 Trajectories</b>	<b>2</b>
1.1 135 . . . . .	2
1.2 545 . . . . .	2
1.3 288 . . . . .	2
1.4 421 . . . . .	3
1.5 506 . . . . .	3
1.6 705 . . . . .	3
1.7 801 . . . . .	3
1.8 895 . . . . .	4
<b>2 Spectrographs</b>	<b>5</b>
2.1 Legend . . . . .	5
2.2 lrs2 . . . . .	5
2.3 virus . . . . .	5
<b>3 Weather</b>	<b>26</b>
<b>4 Virus Enclosures</b>	<b>27</b>
<b>5 Server Up Time</b>	<b>28</b>

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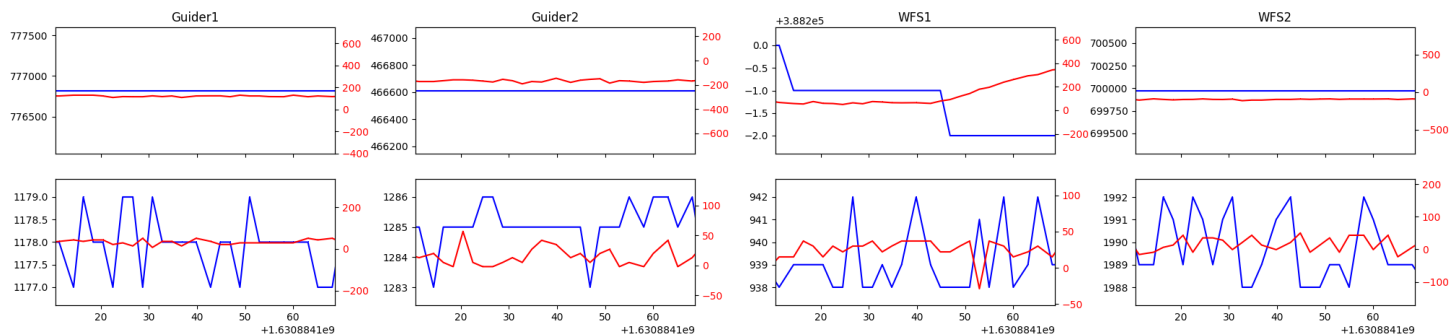
\*This report has been automatically generated. Id: status\_report.py 12338 2021-03-03 17:37:20Z fowler

# 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.

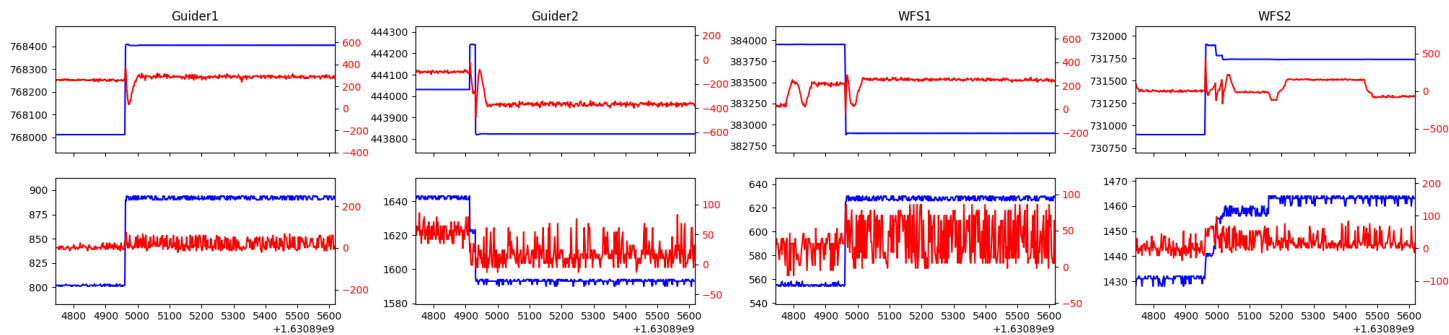
## 1.1 135

Trajectory 135 for desired Azimuth 65.453 was loaded at 23:20:02.07. The go\_next command was sent at 23:20:29.785 and took 112.448 seconds to complete. The trajectory was cancelled at 23:22:48.66. The trajectory was stopped at 23:22:54.88 with the message "Reached end of track."



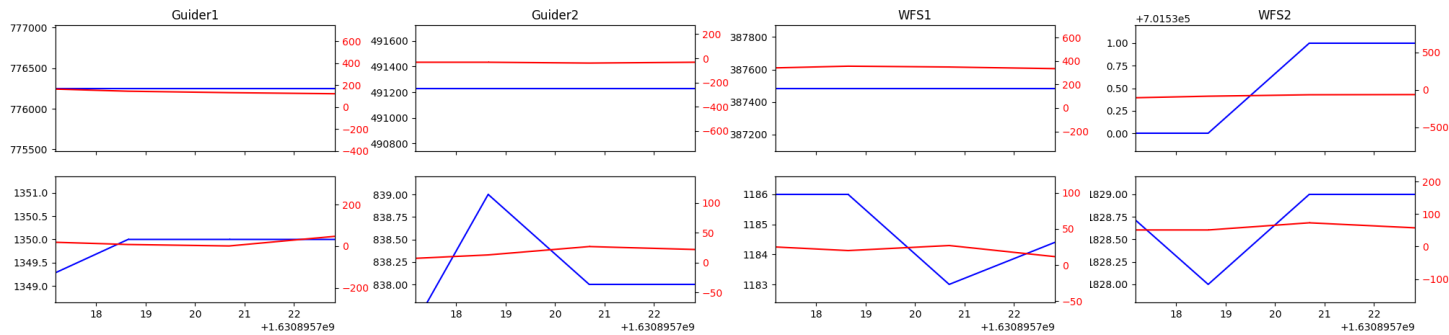
## 1.2 545

Trajectory 545 for desired Azimuth 253.221426 was loaded at 02:17:29.02. The go\_next command was sent at 02:17:34.271 and took 179.572 seconds to complete. The setup took 149.17 seconds at an actual azimuth of 253.227797. The trajectory was cancelled at 02:33:37.25. The trajectory was stopped at 02:33:43.66 with the message "Reached end of track."



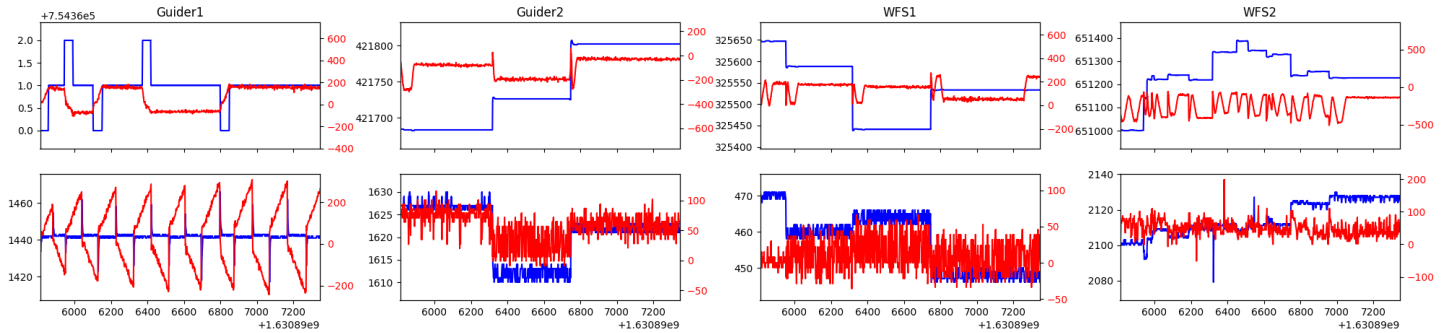
## 1.3 288

Trajectory 288 for desired Azimuth 266.346888 was loaded at 02:33:45.08. The go\_next command was sent at 02:33:50.340 and took 87.206 seconds to complete. The trajectory was cancelled at 02:35:22.82. The trajectory was stopped at 02:35:27.95 with the message "Reached end of track."



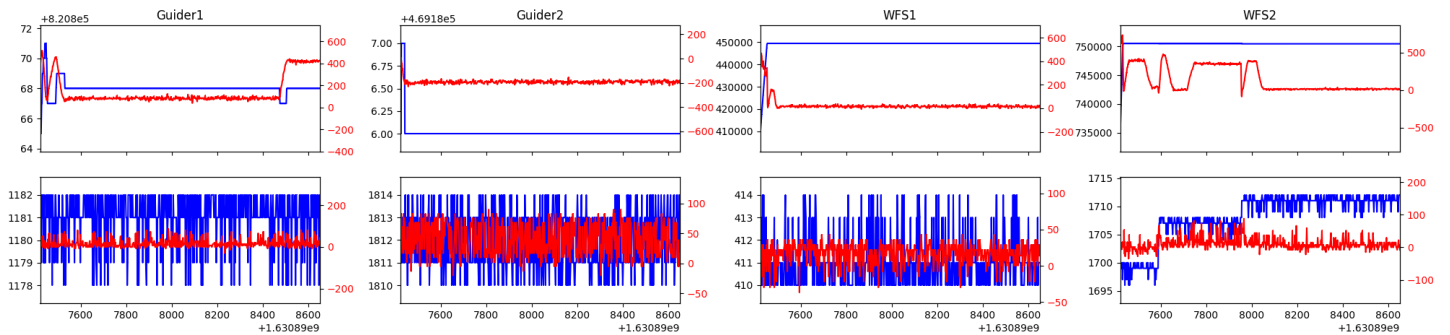
## 1.4 421

Trajectory 421 for desired Azimuth 312.7998 was loaded at 02:35:50.44. The go\_next command was sent at 02:35:51.894 and took 90.843 seconds to complete. The setup took 75.05 seconds at an actual azimuth of 312.801743 The trajectory was cancelled at 03:02:25.18. The trajectory was stopped at 03:02:31.00 with the message "Reached end of track."



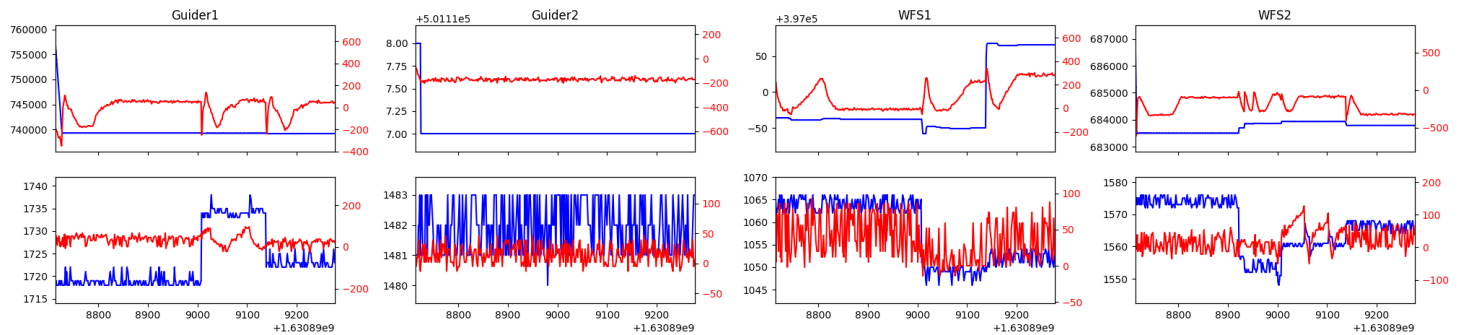
## 1.5 506

Trajectory 506 for desired Azimuth 331.939347 was loaded at 03:02:32.66. The go\_next command was sent at 03:02:37.915 and took 101.937 seconds to complete. The setup took 126.59 seconds at an actual azimuth of 331.941685 The trajectory was cancelled at 03:24:11.12. The trajectory was stopped at 03:24:17.12 with the message "Reached end of track."



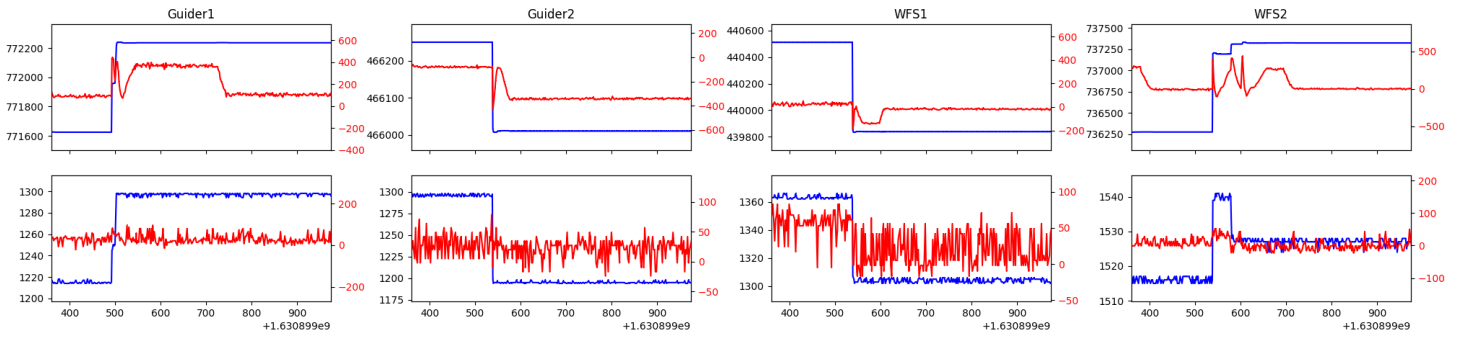
## 1.6 705

Trajectory 705 for desired Azimuth 345.692171 was loaded at 03:24:18.92. The go\_next command was sent at 03:24:24.172 and took 76.792 seconds to complete. The setup took 166.84 seconds at an actual azimuth of 345.695478 The trajectory was cancelled at 03:34:37.28. The trajectory was stopped at 03:34:43.66 with the message "Reached end of track."



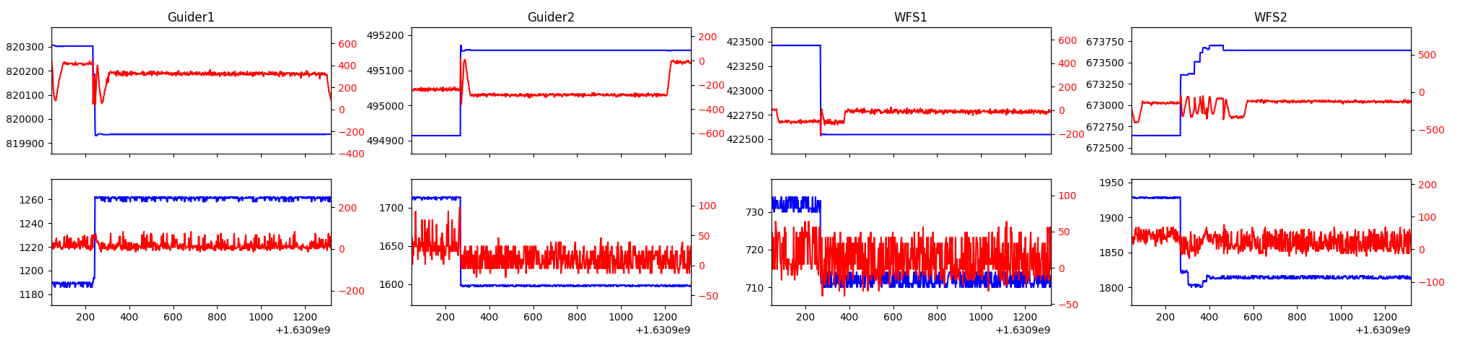
## 1.7 801

Trajectory 801 for desired Azimuth 254.193712 was loaded at 03:34:45.05. The go\_next command was sent at 03:34:50.300 and took 119.606 seconds to complete. The setup took 164.64 seconds at an actual azimuth of 254.199088 The trajectory was cancelled at 03:46:14.44. The trajectory was stopped at 03:46:19.65 with the message "Reached end of track."



## 1.8 895

Trajectory 895 for desired Azimuth 55.102614 was loaded at 03:46:21.15. The go\_next command was sent at 03:46:26.415 and took 167.708 seconds to complete. The setup took 134.03 seconds at an actual azimuth of 55.119299. The trajectory was cancelled at 04:08:37.22. The trajectory was stopped at 04:08:43.04 with the message "Reached end of track."



## 2 Spectrographs

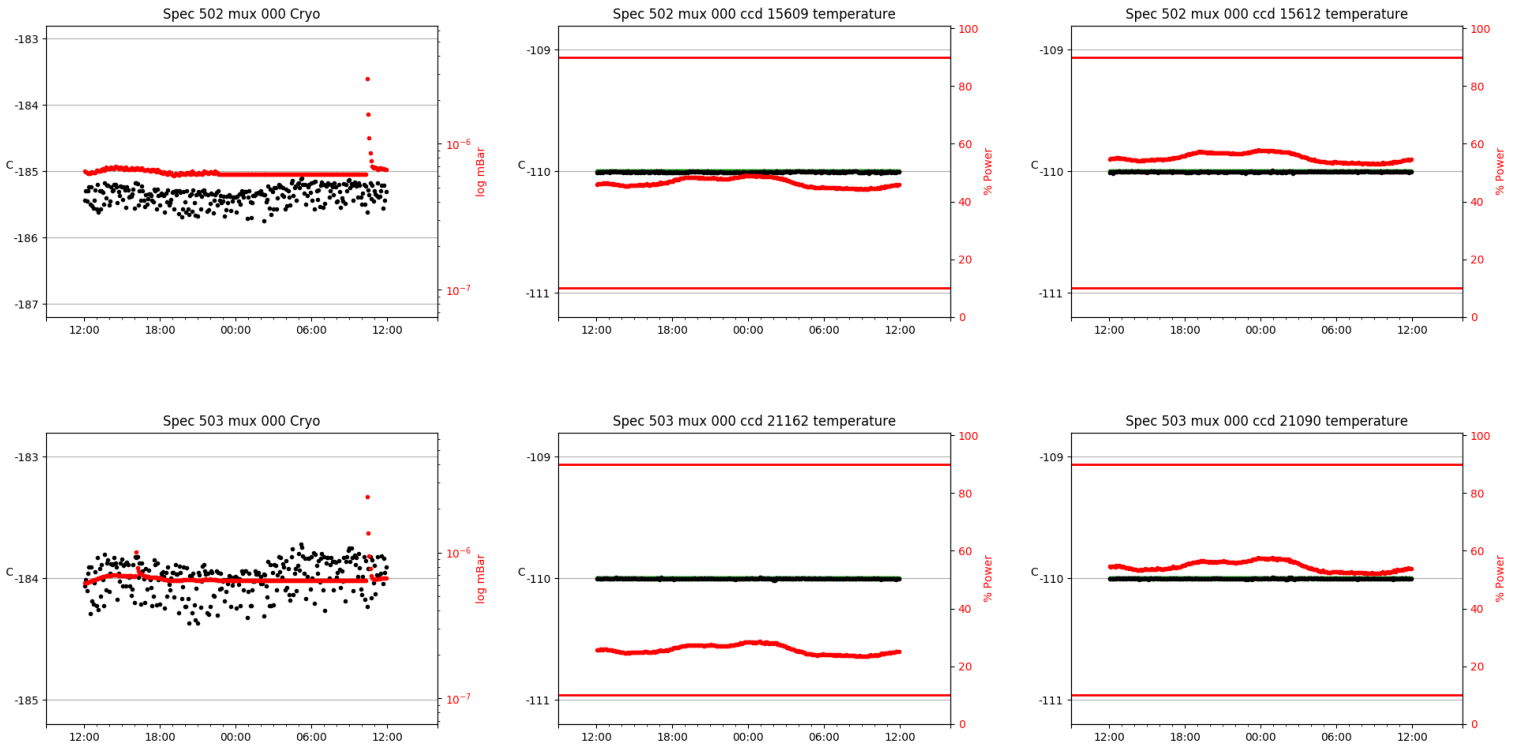
### 2.1 Legend

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.

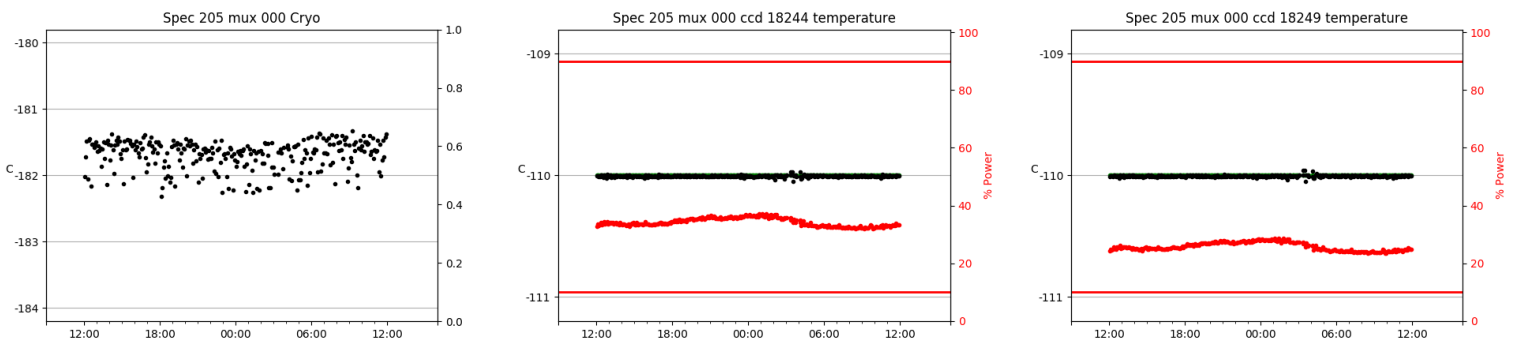
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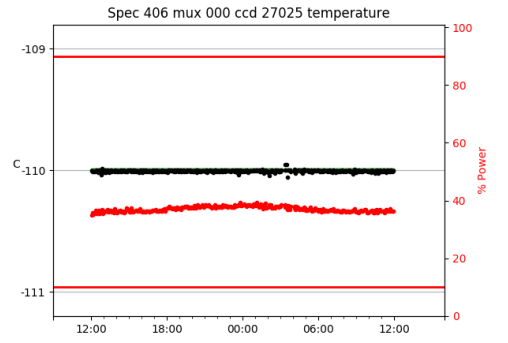
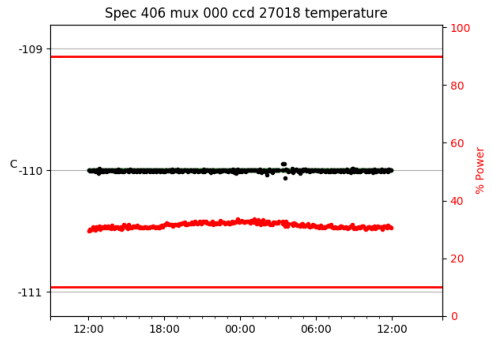
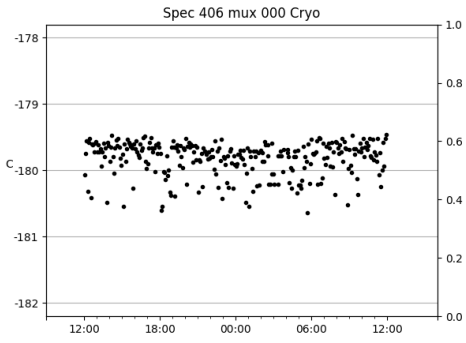
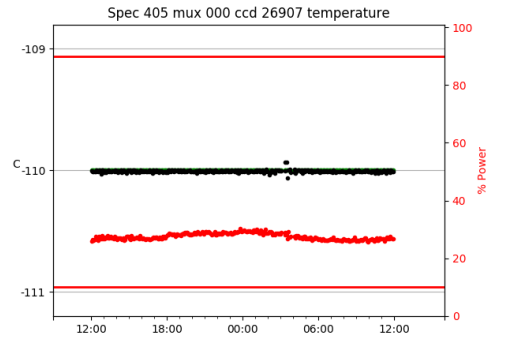
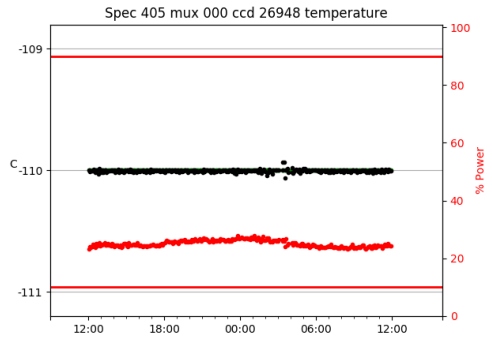
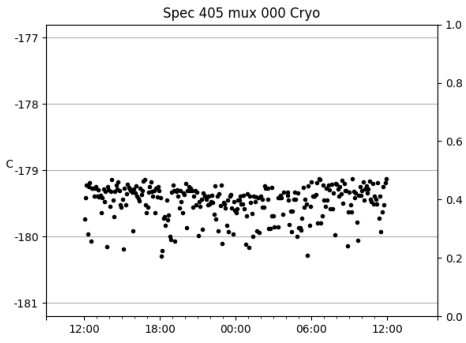
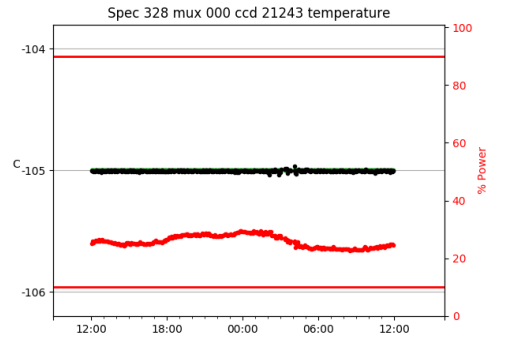
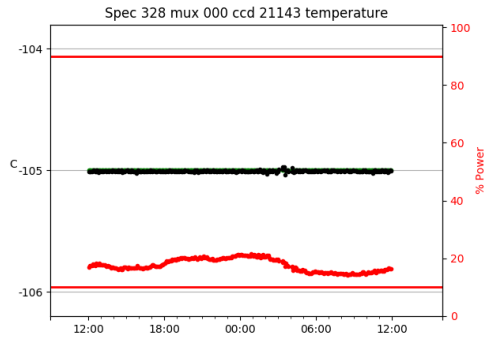
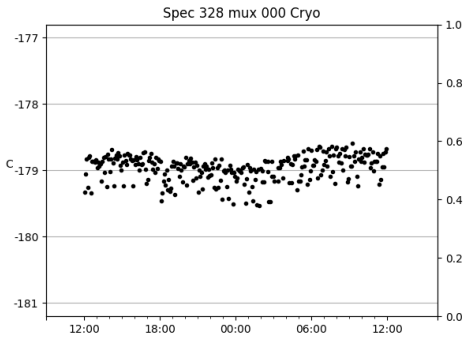
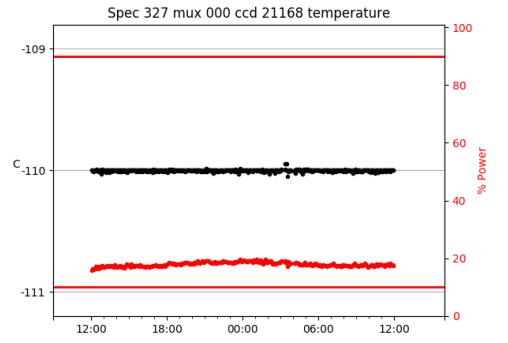
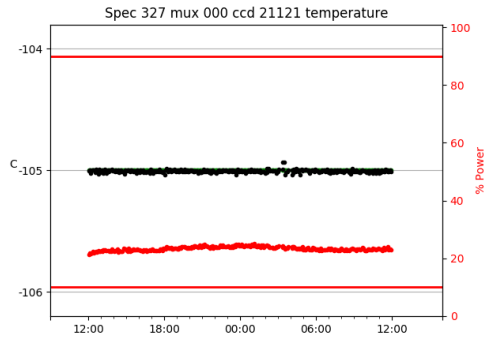
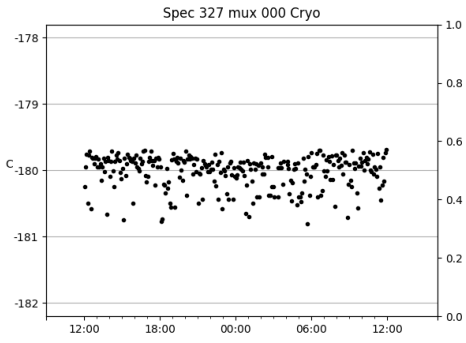
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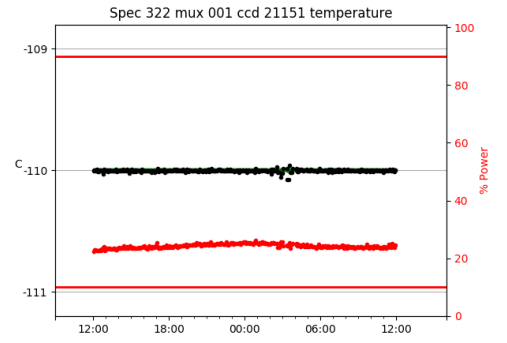
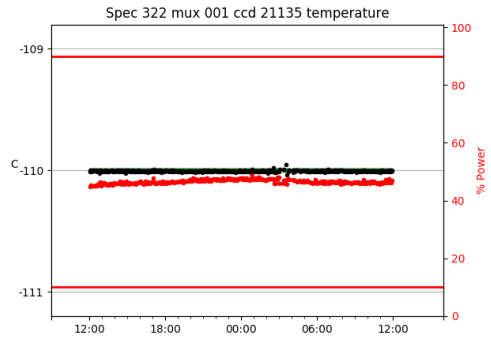
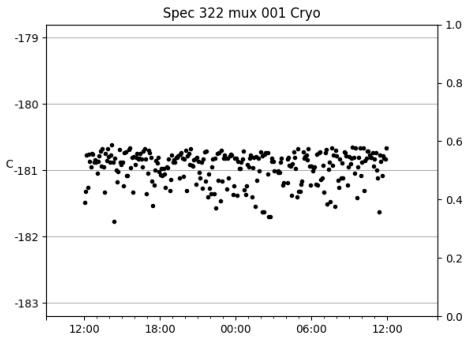
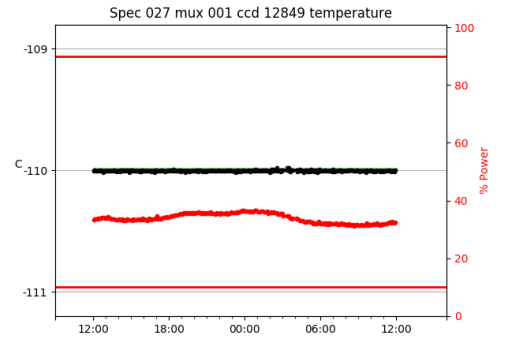
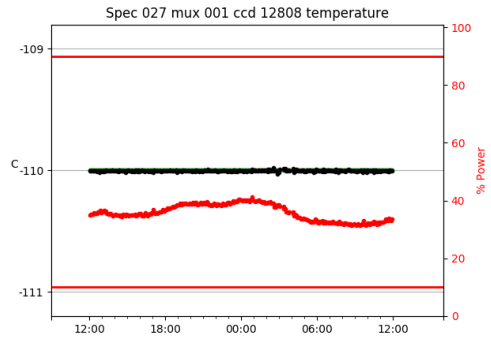
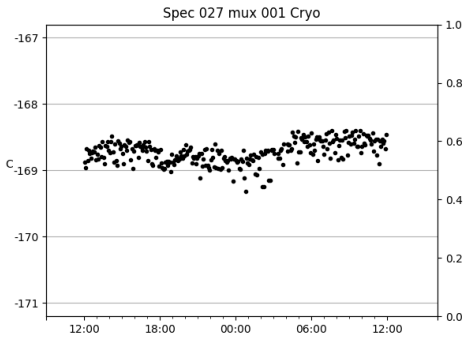
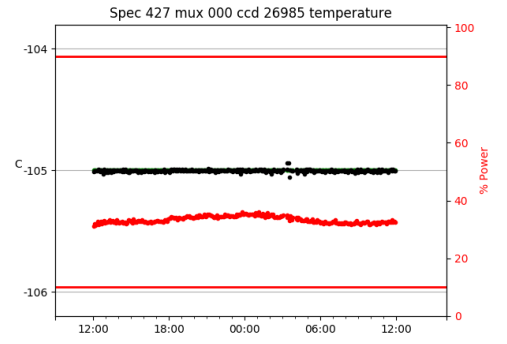
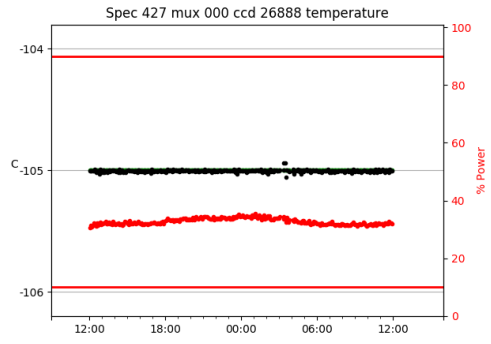
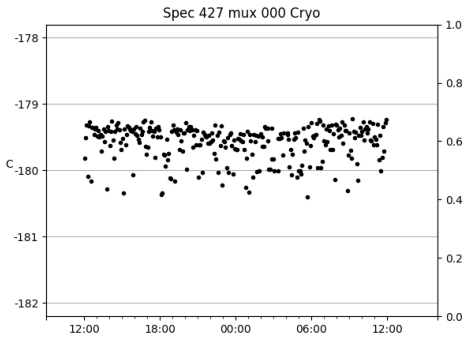
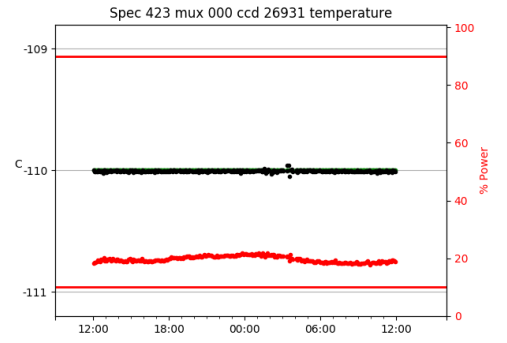
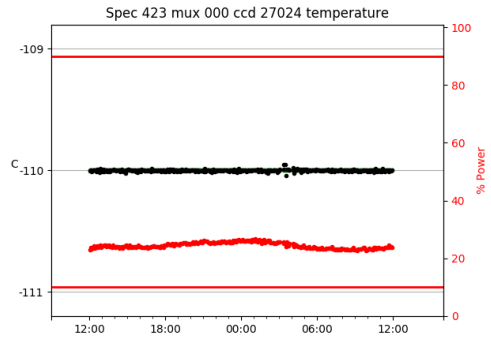
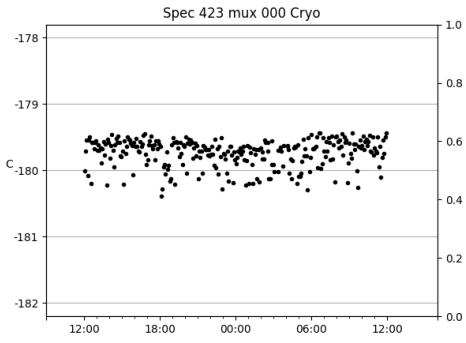


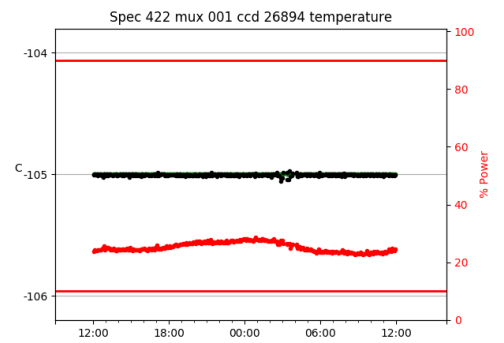
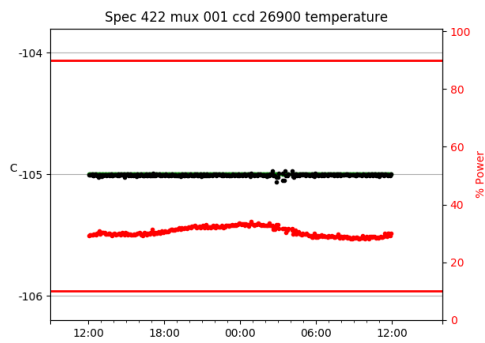
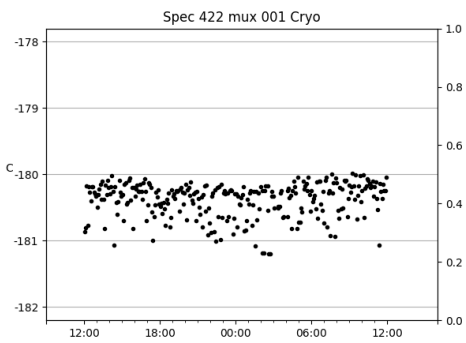
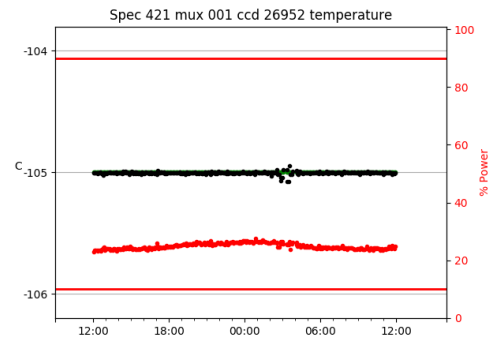
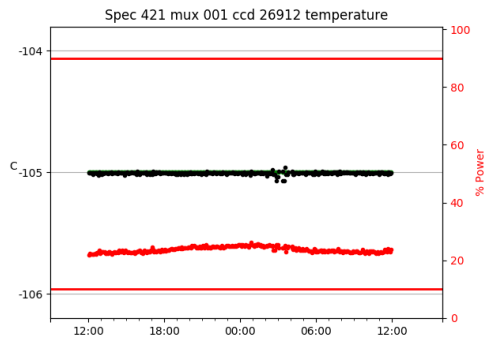
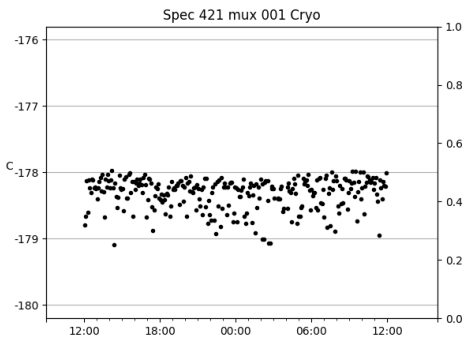
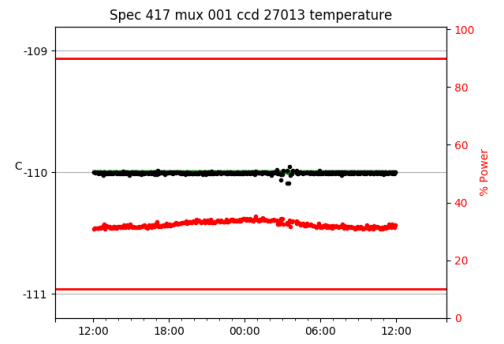
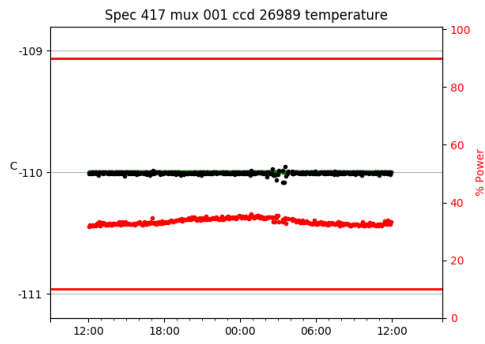
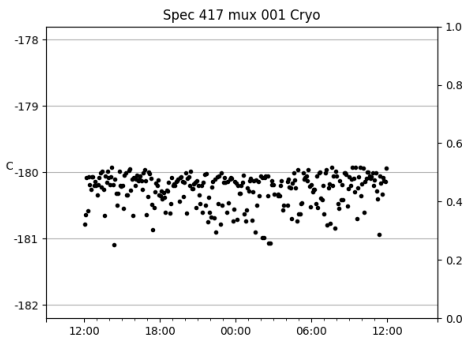
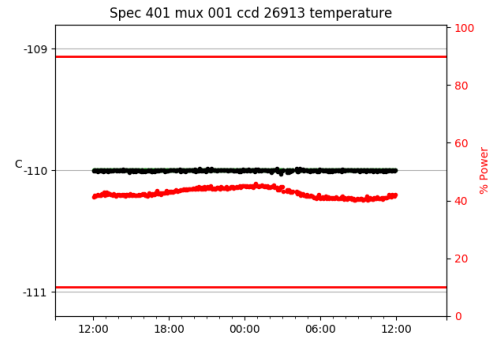
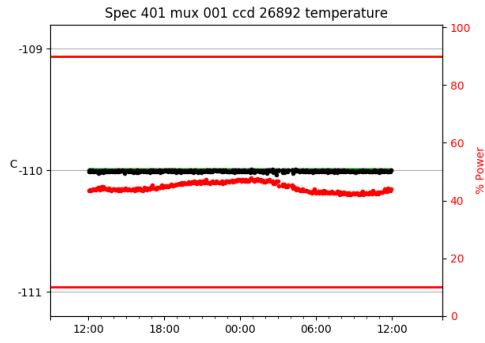
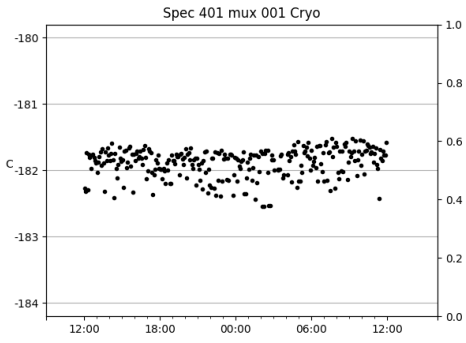
### 2.3 virus

virus uptime: 71:52:53 (hh:mm:ss)

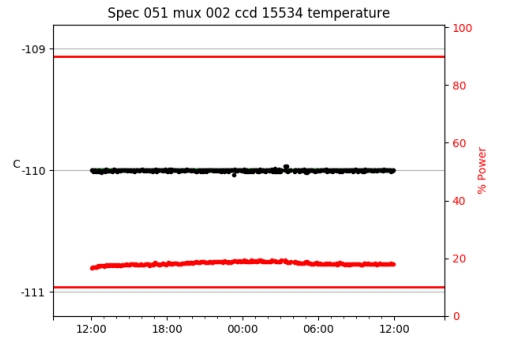
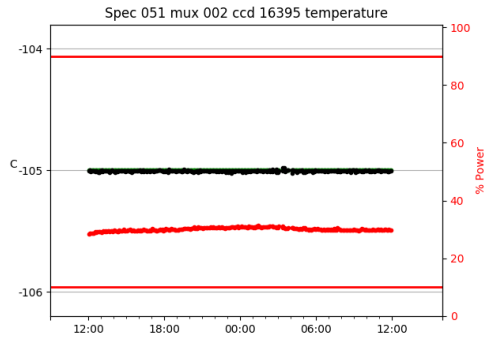
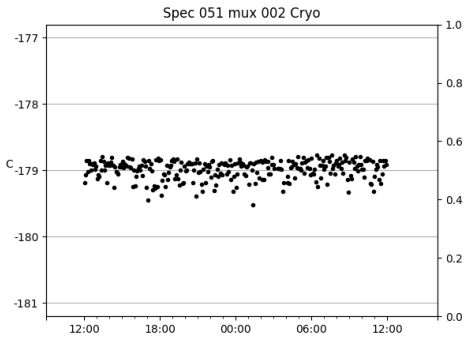
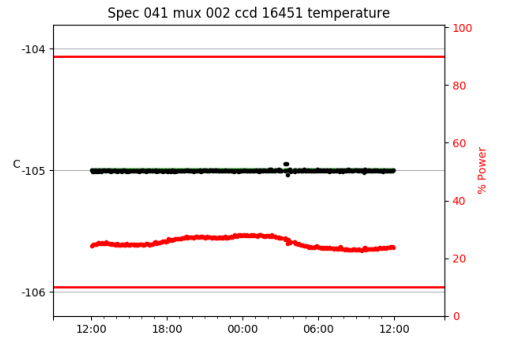
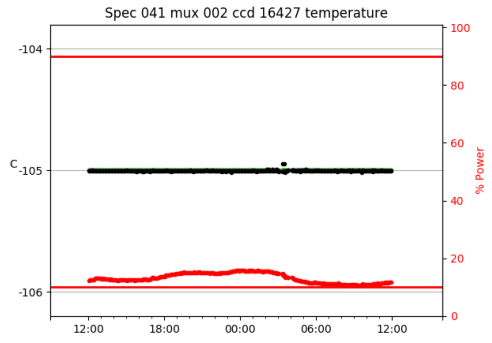
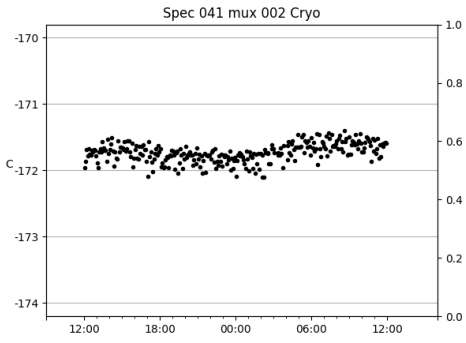
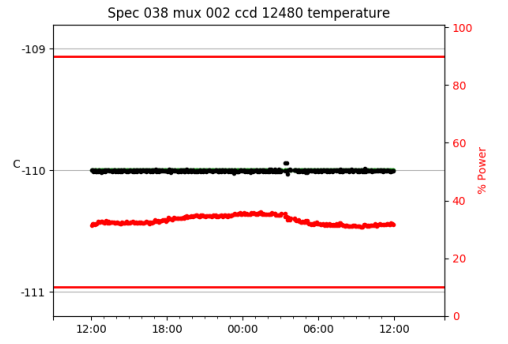
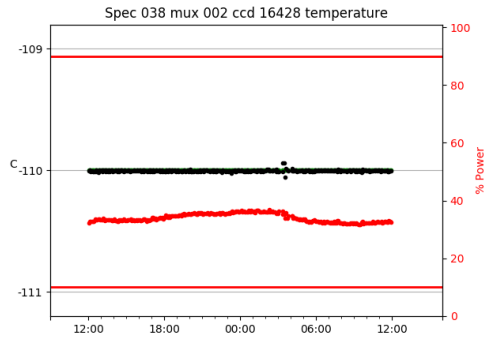
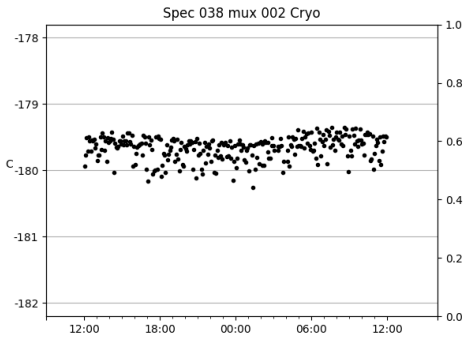
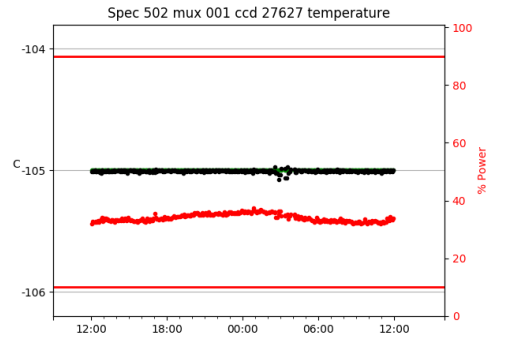
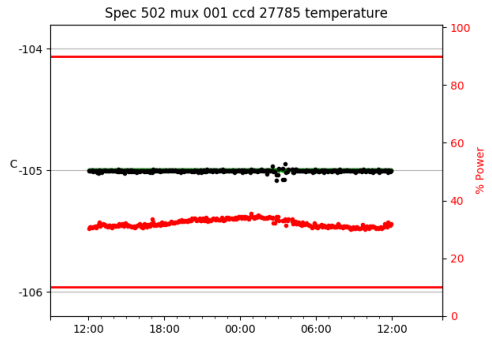
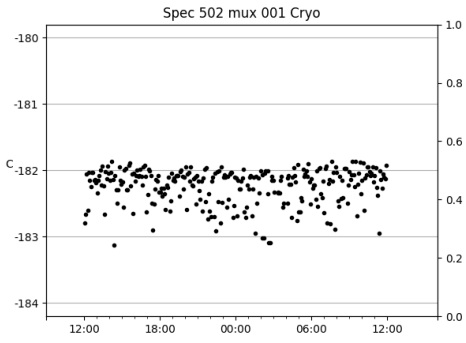


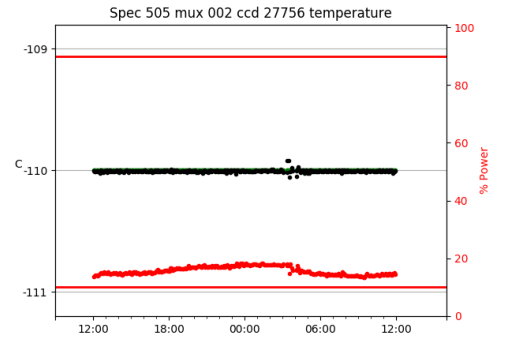
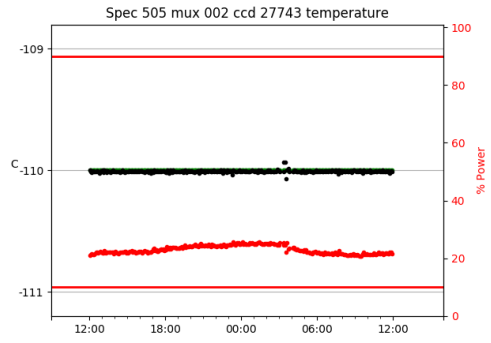
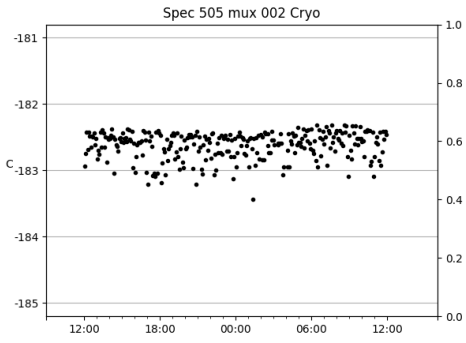
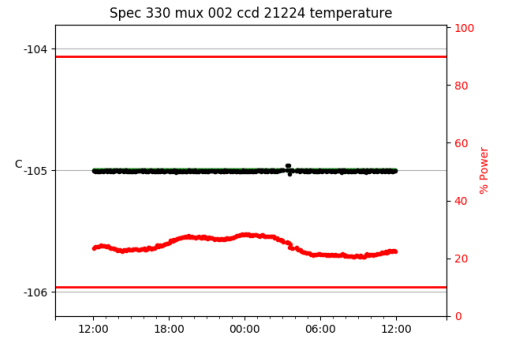
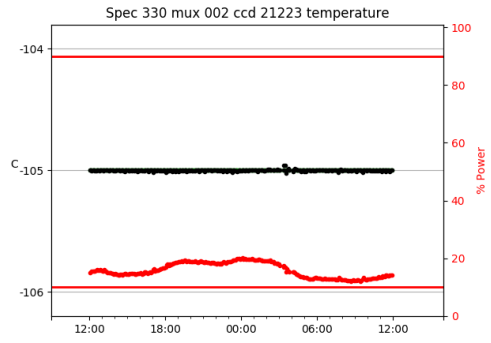
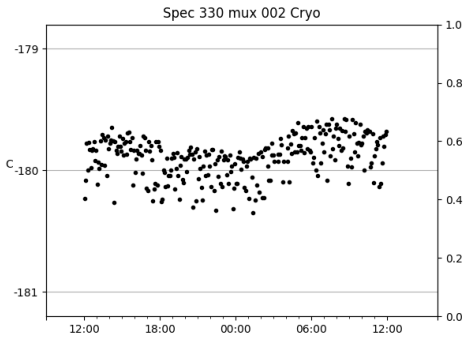
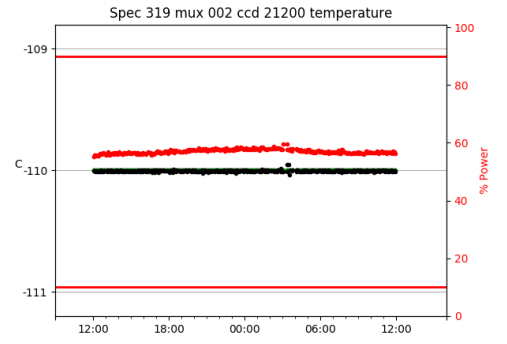
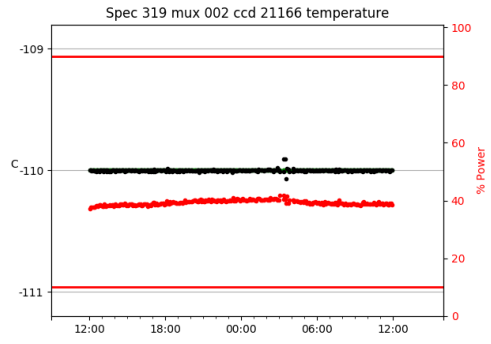
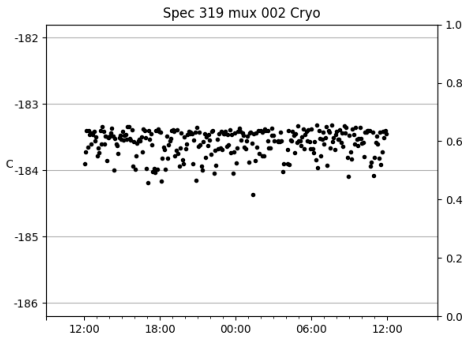
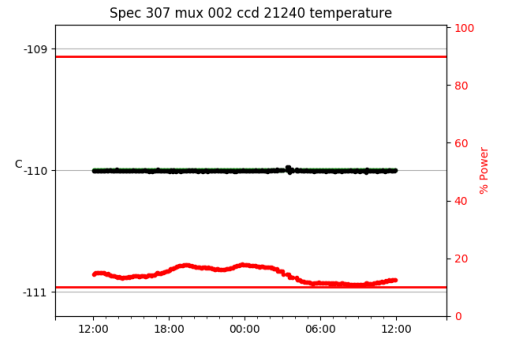
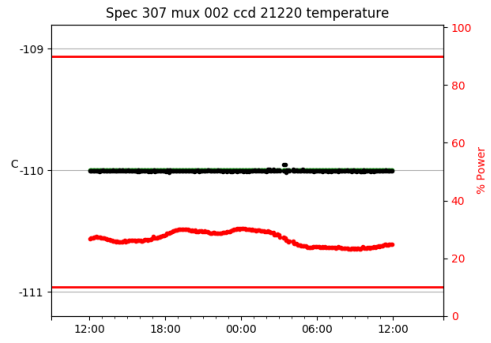
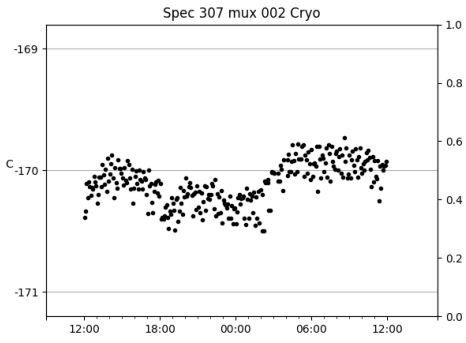


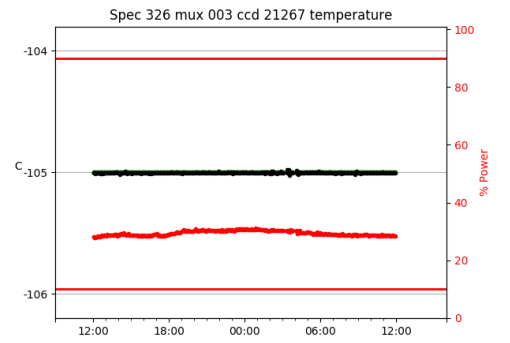
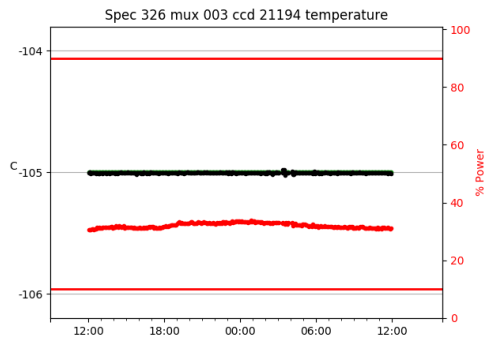
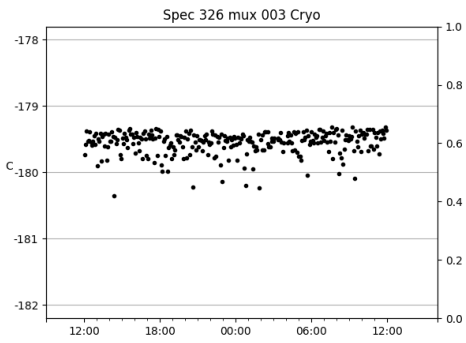
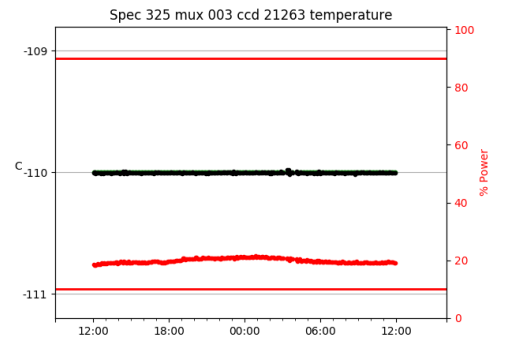
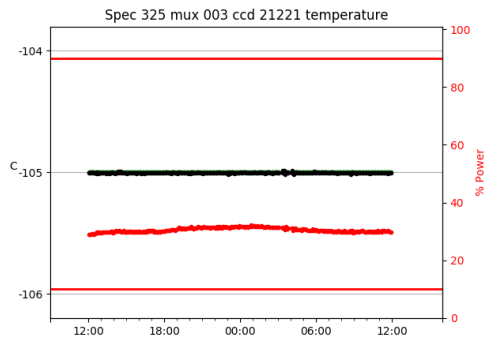
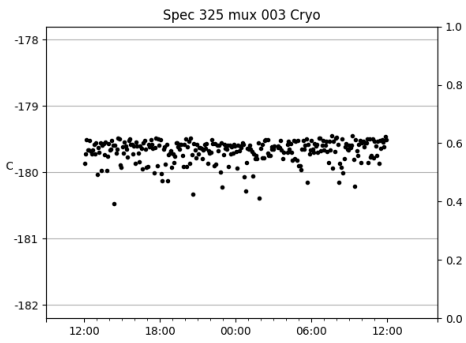
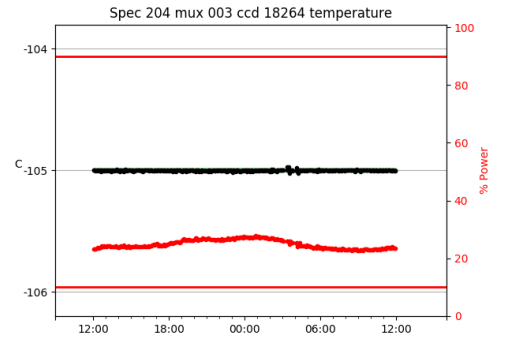
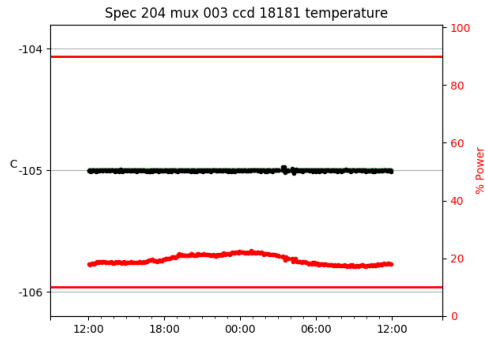
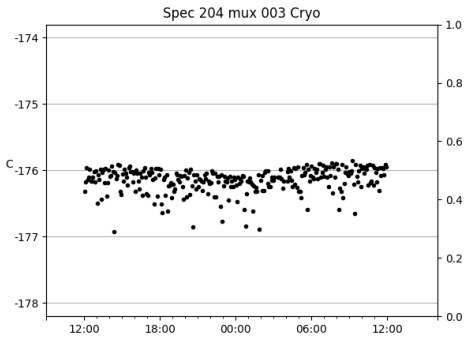
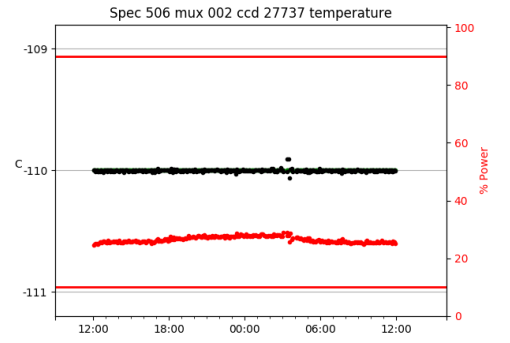
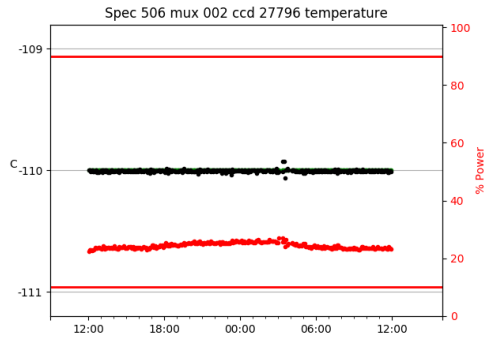
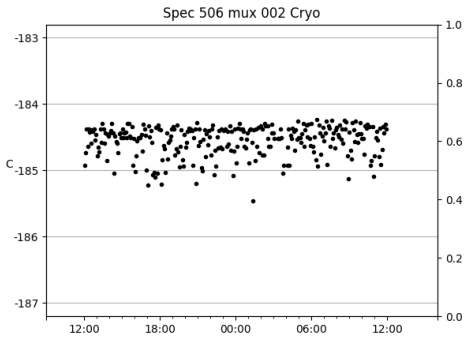


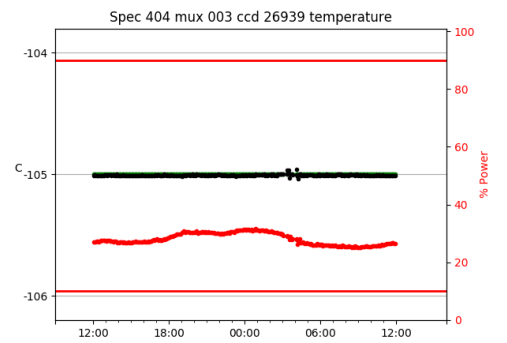
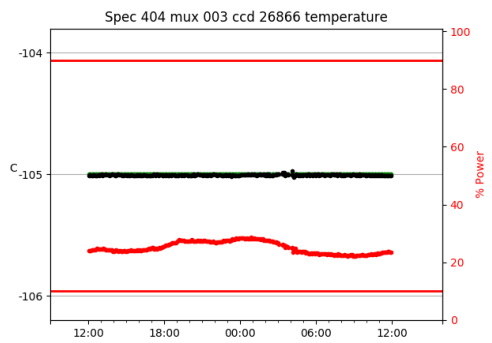
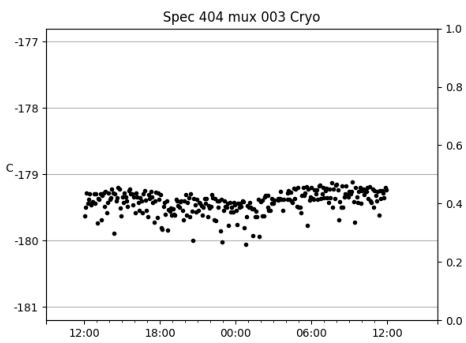
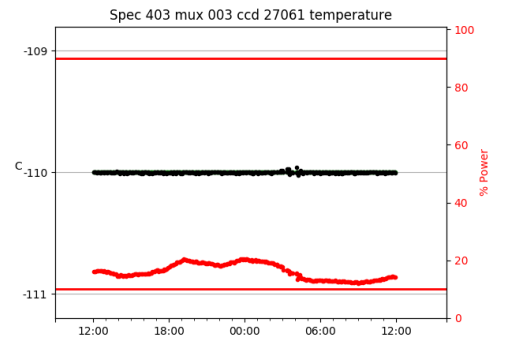
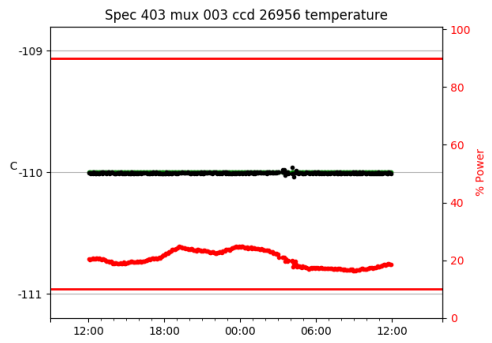
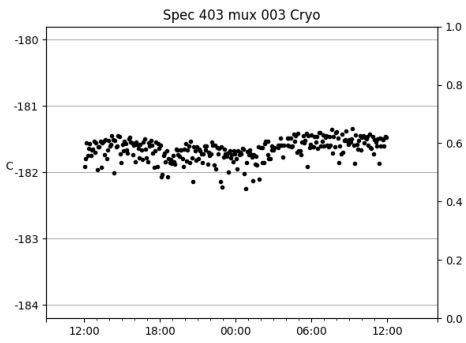
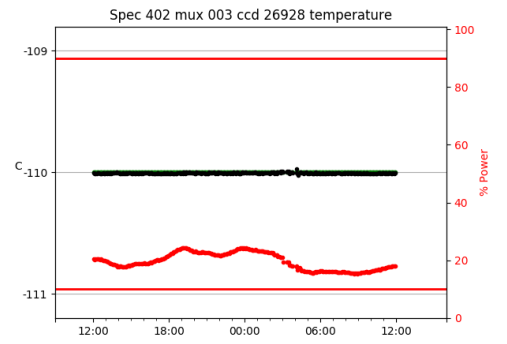
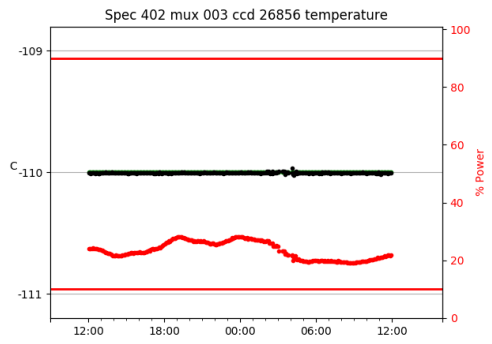
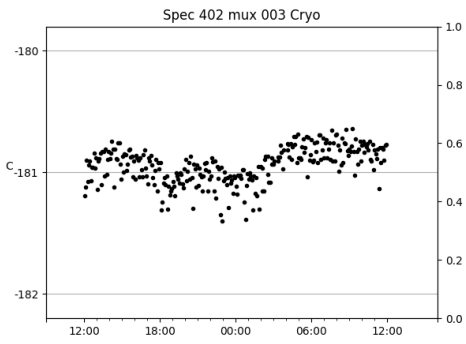
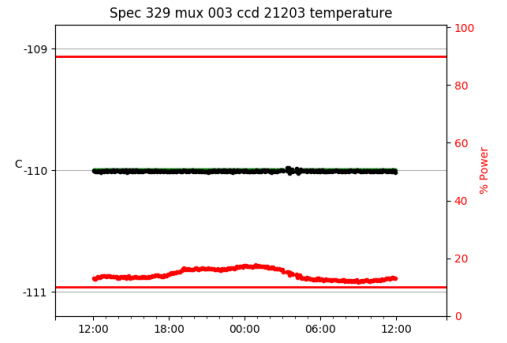
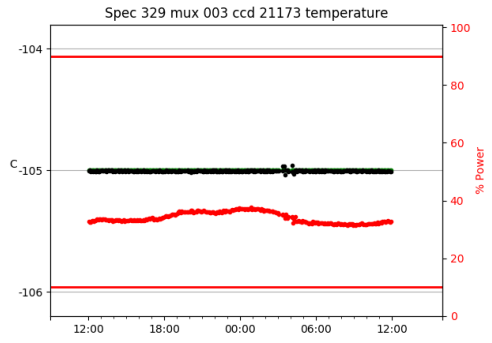
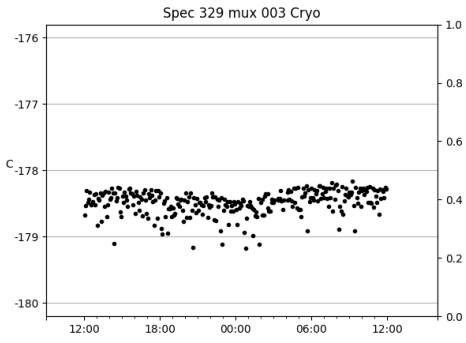


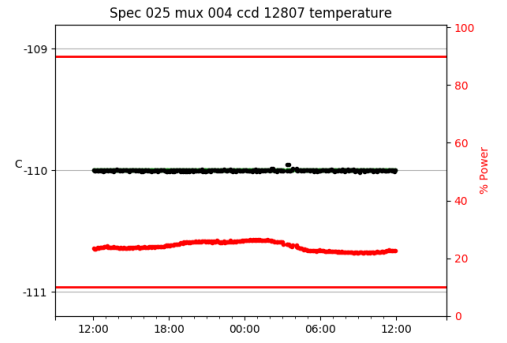
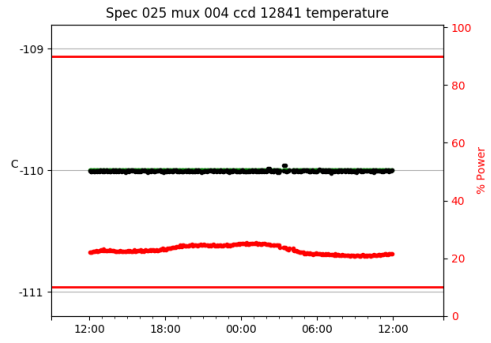
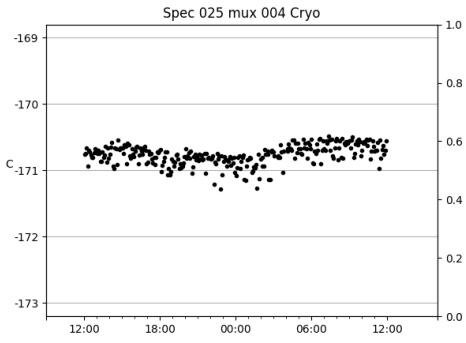
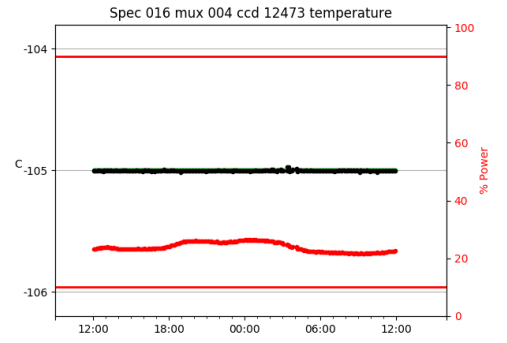
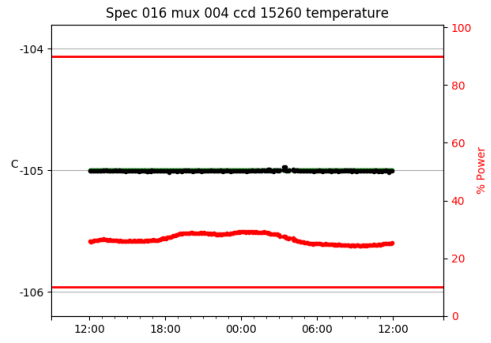
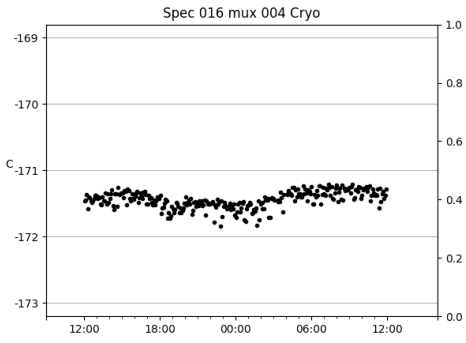
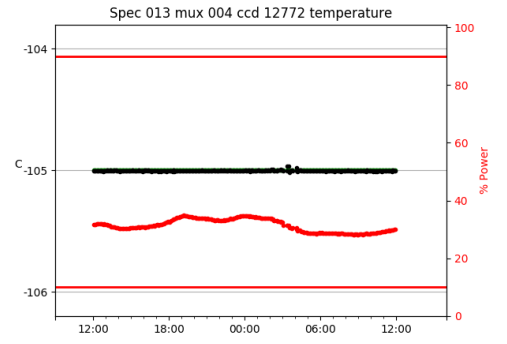
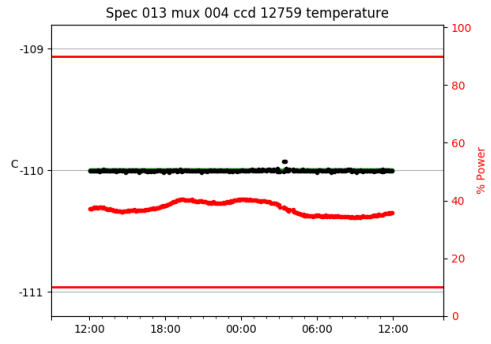
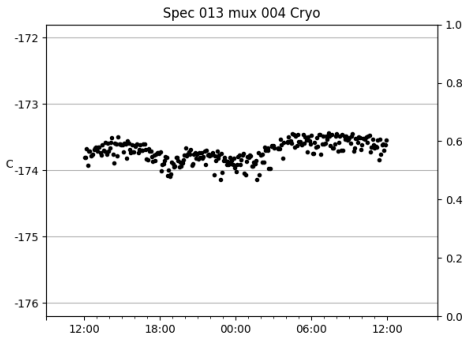
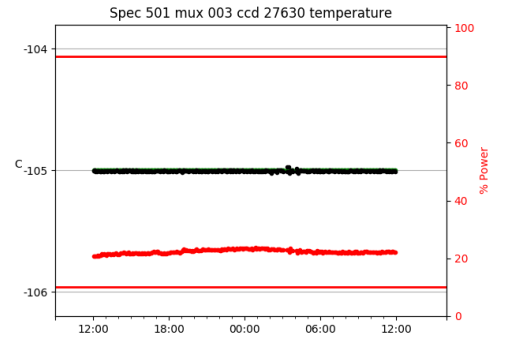
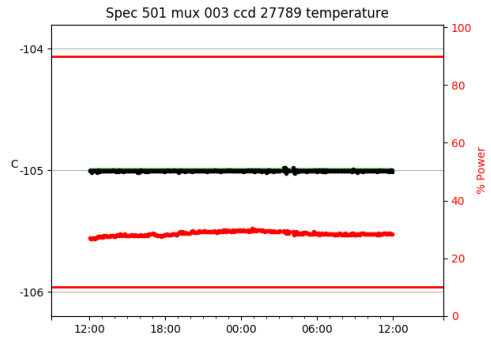
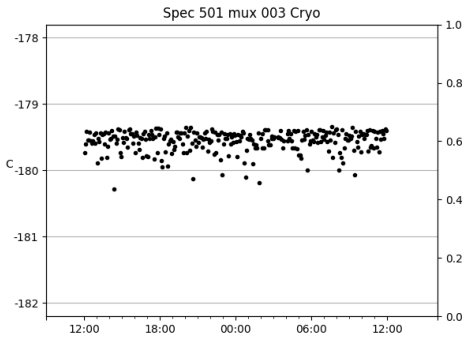


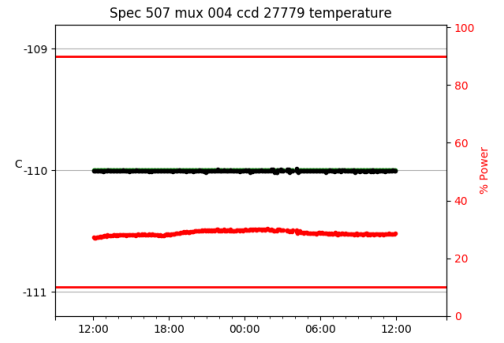
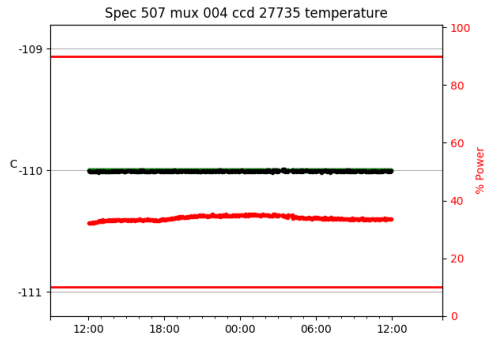
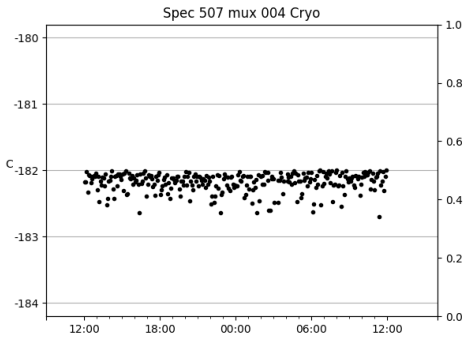
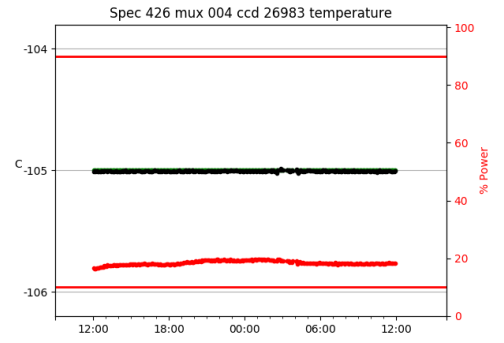
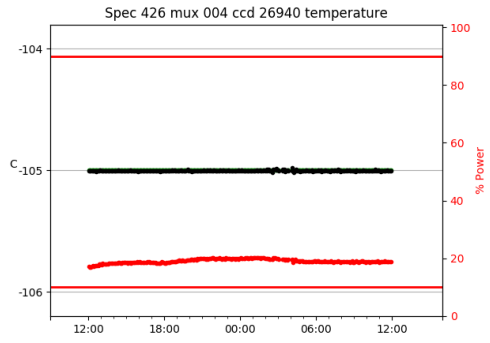
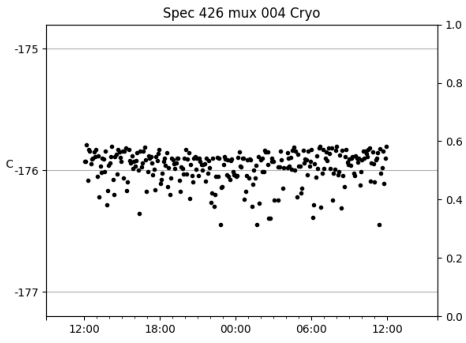
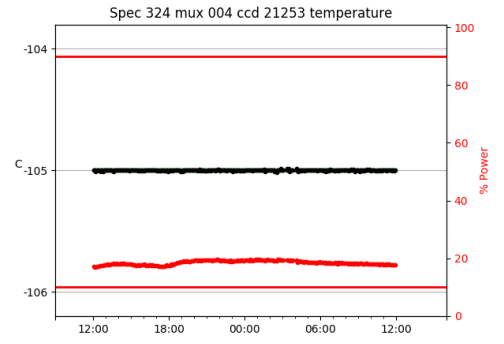
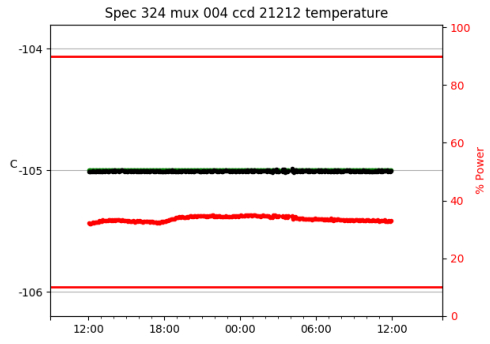
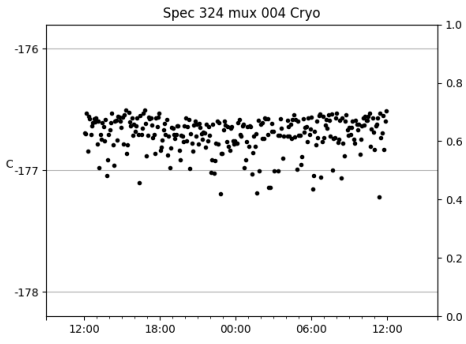
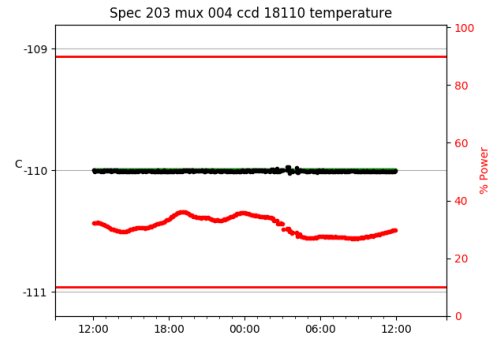
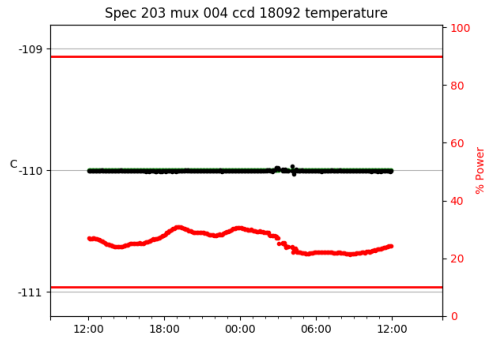
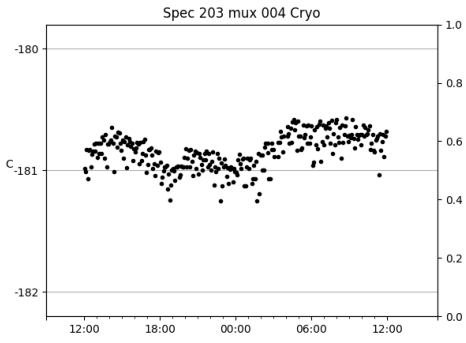


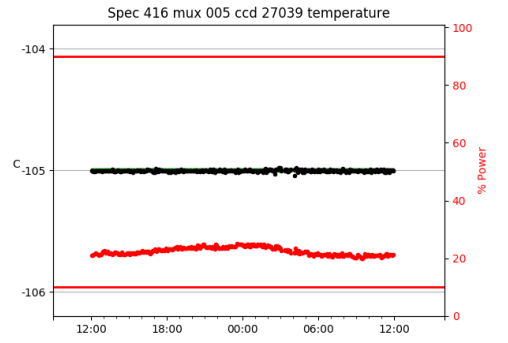
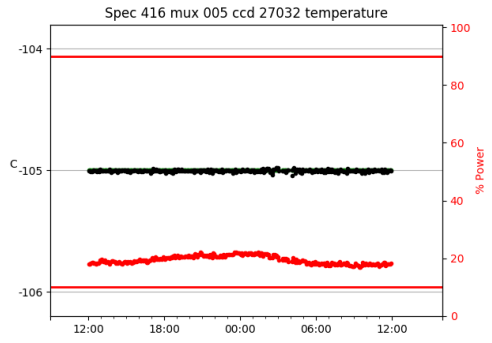
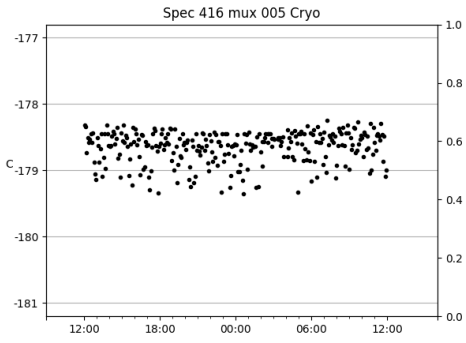
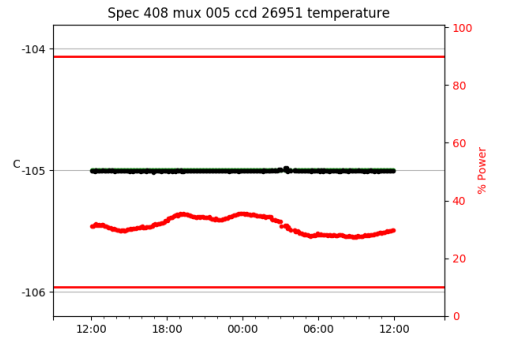
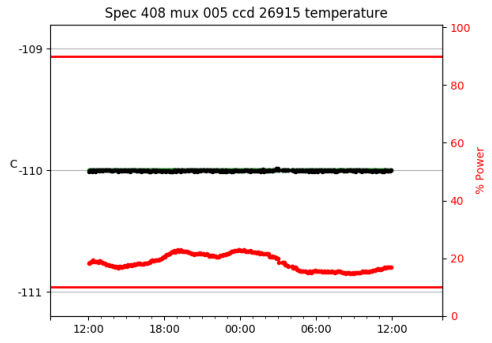
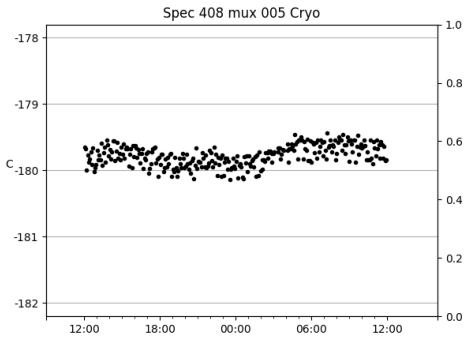
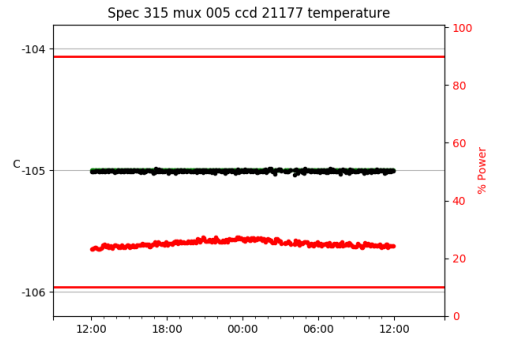
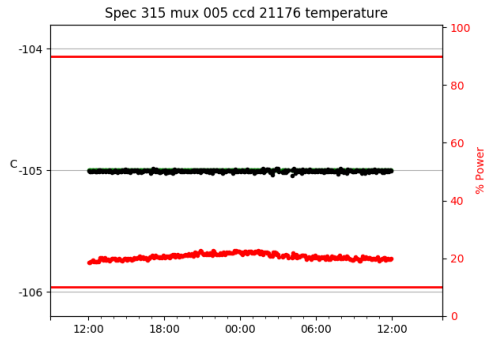
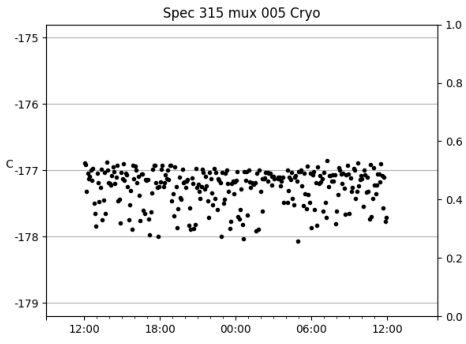
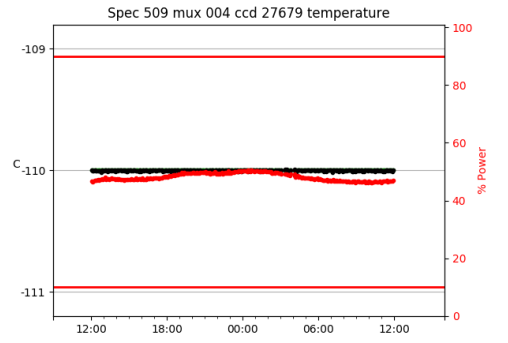
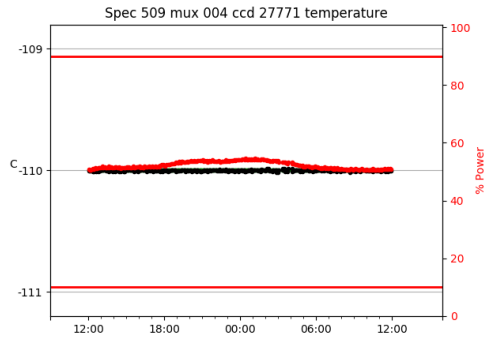
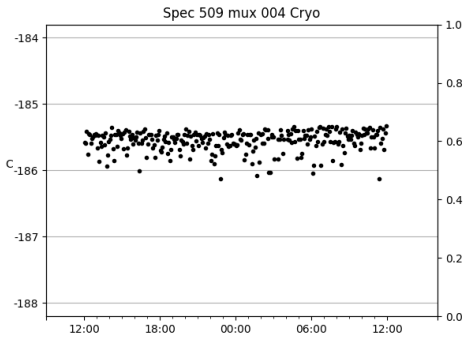


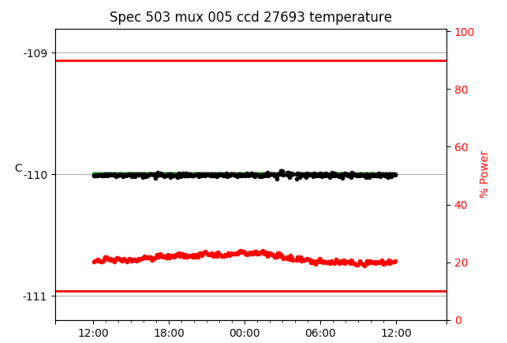
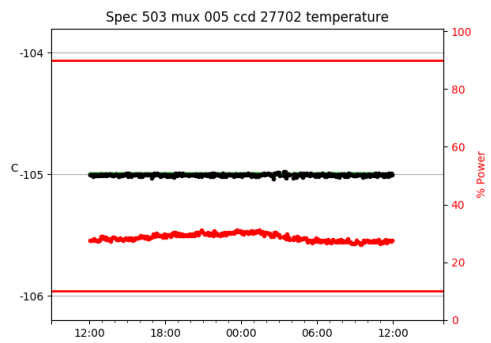
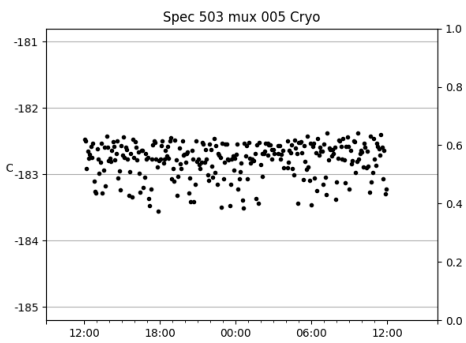
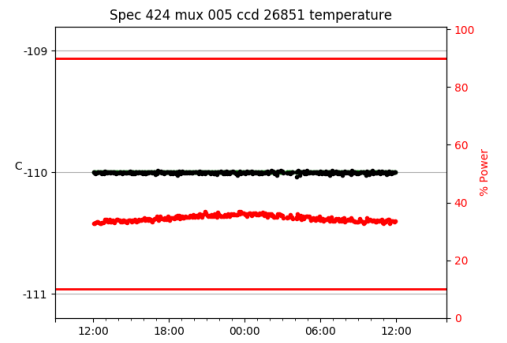
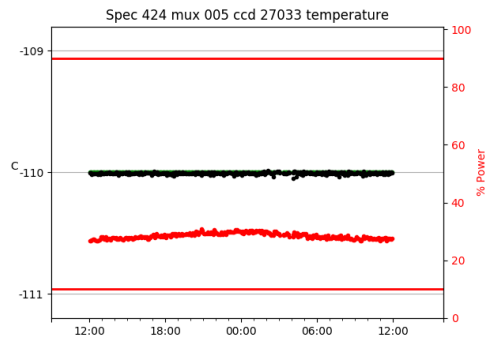
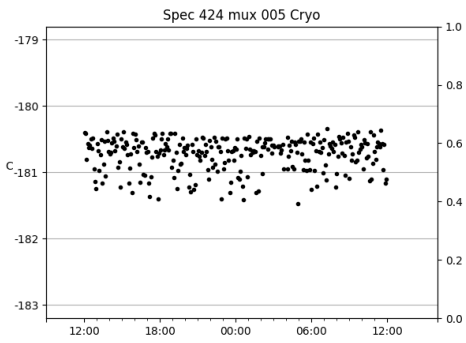
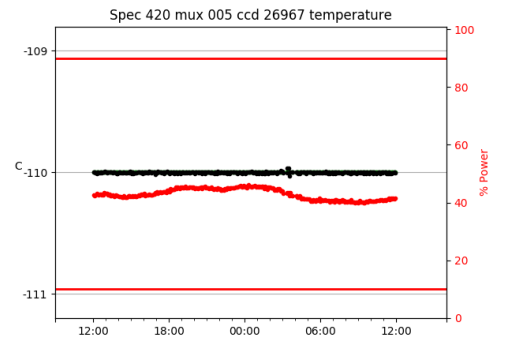
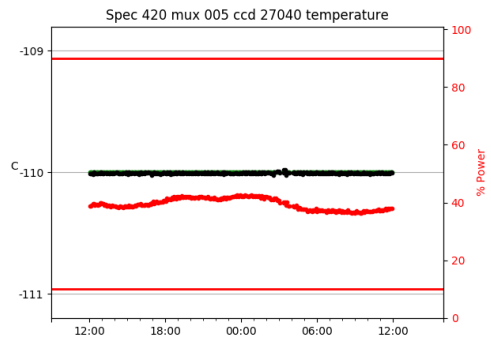
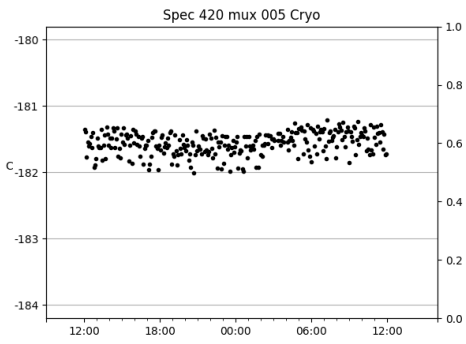
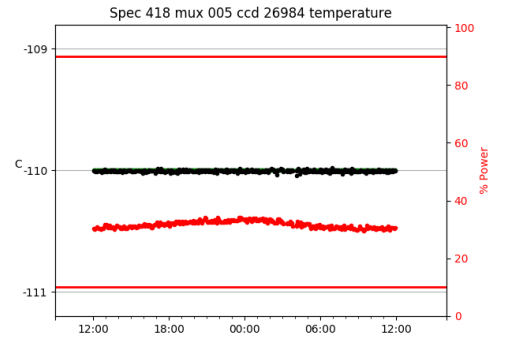
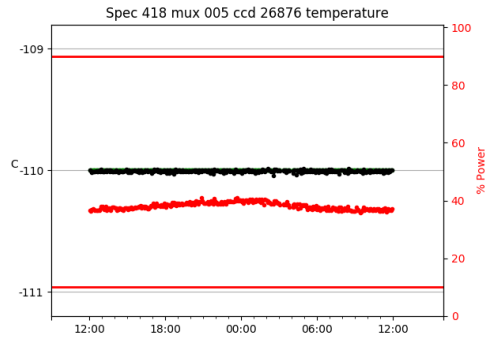
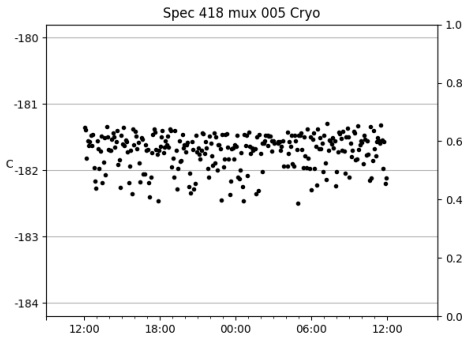




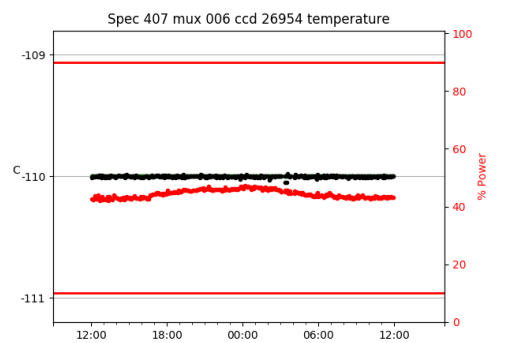
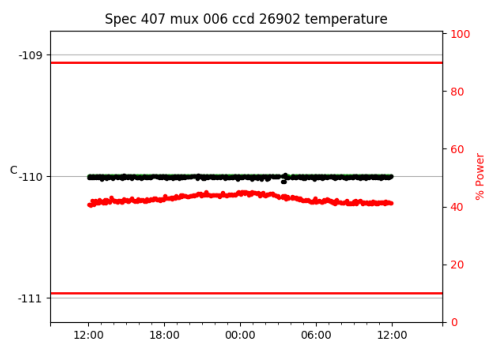
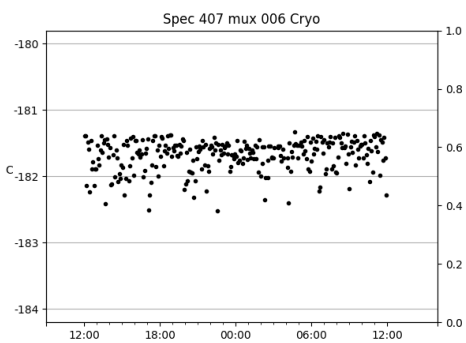
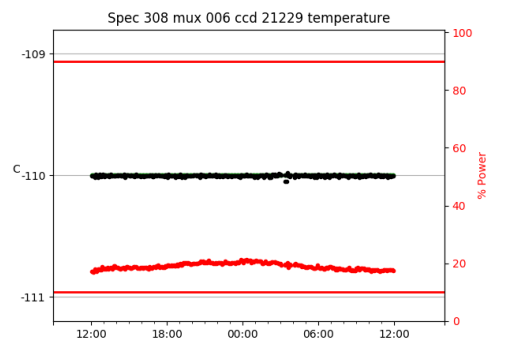
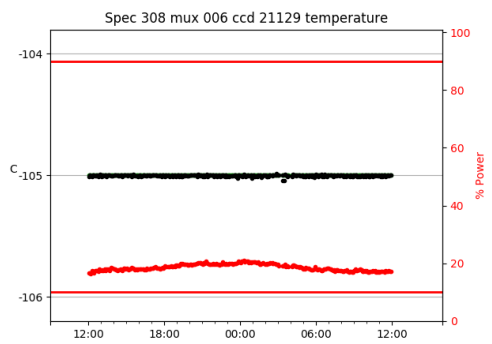
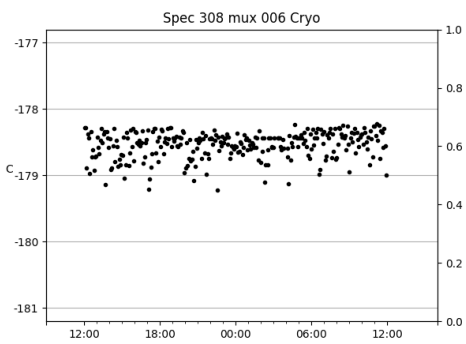
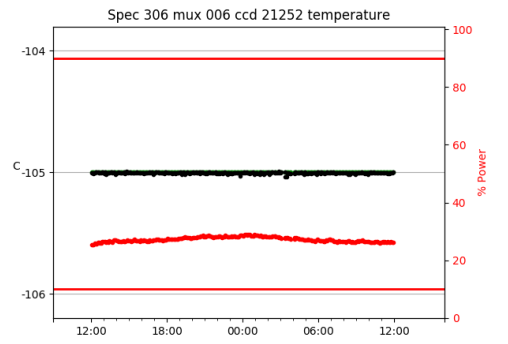
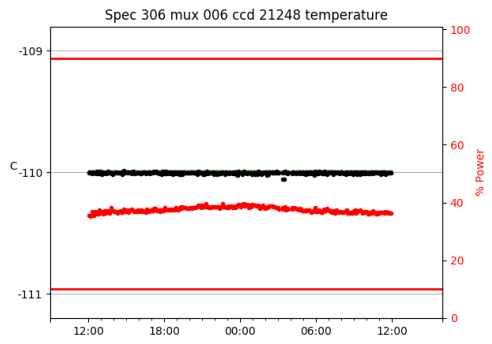
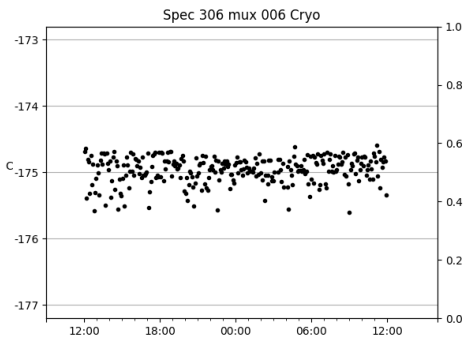
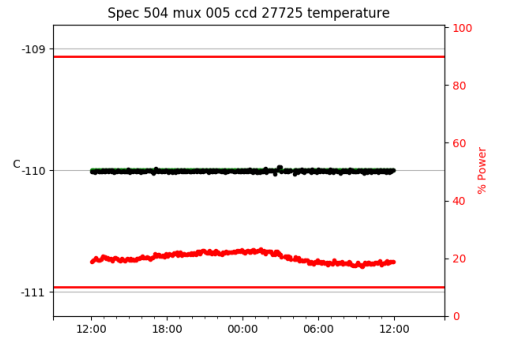
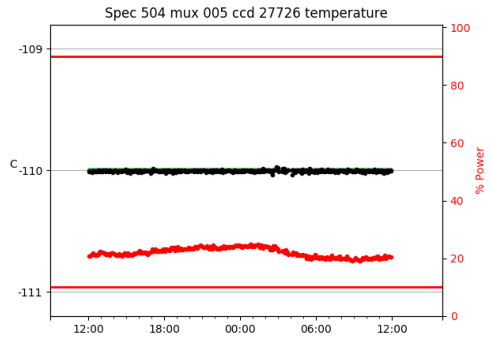
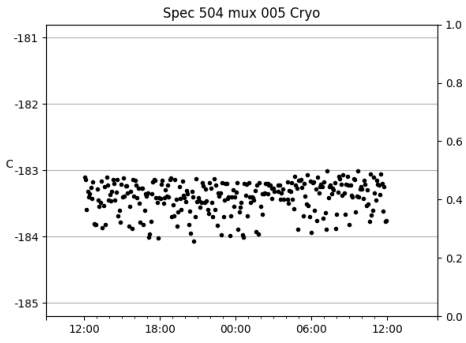


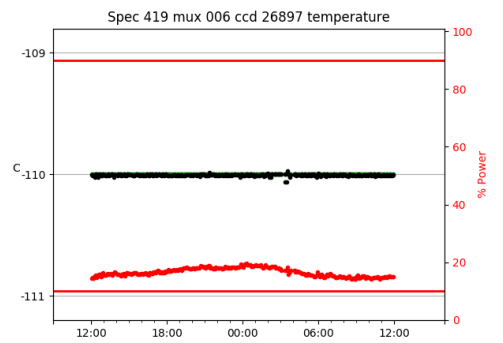
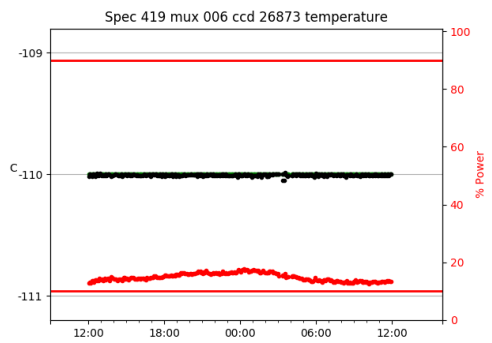
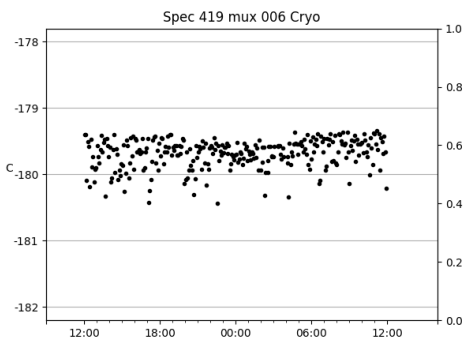
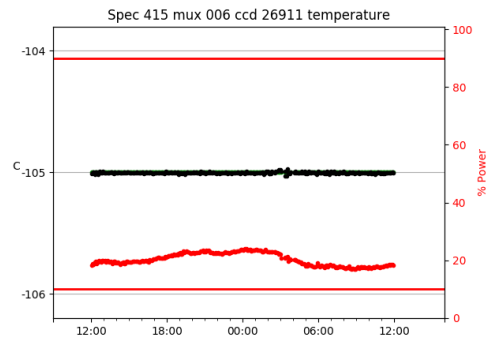
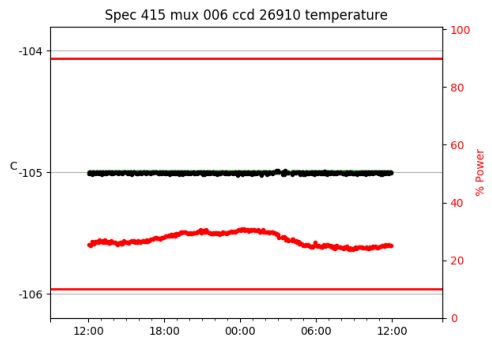
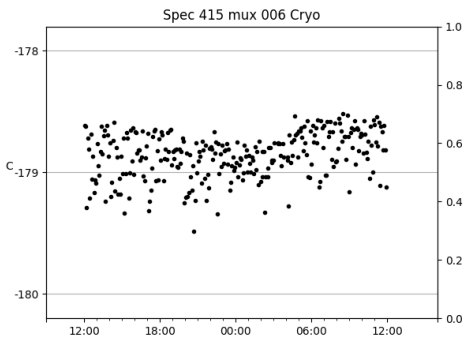
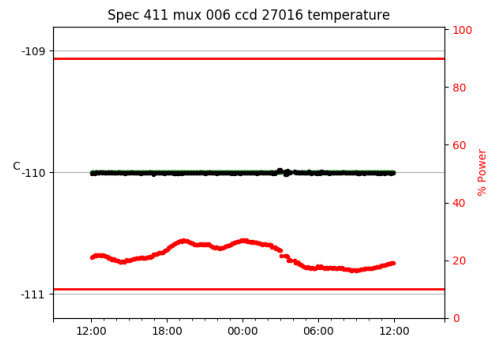
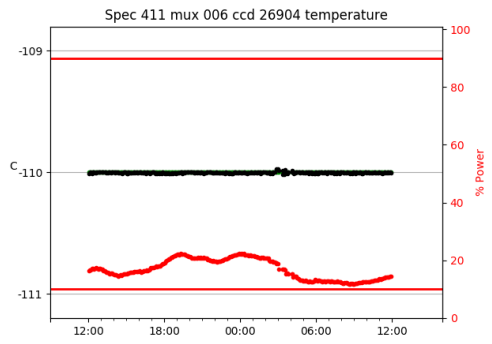
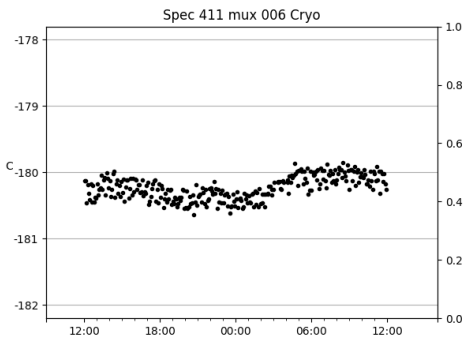
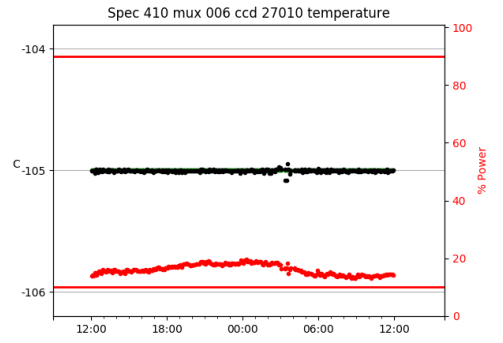
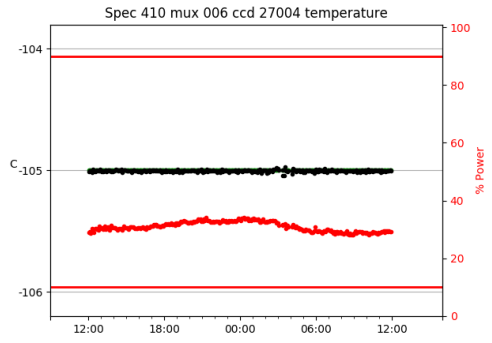
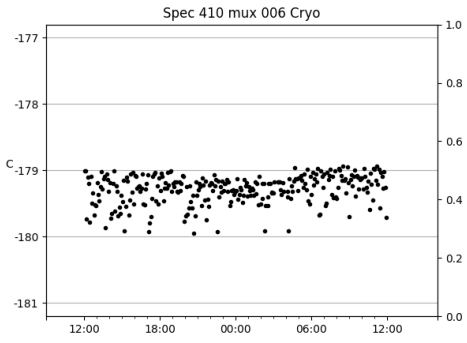


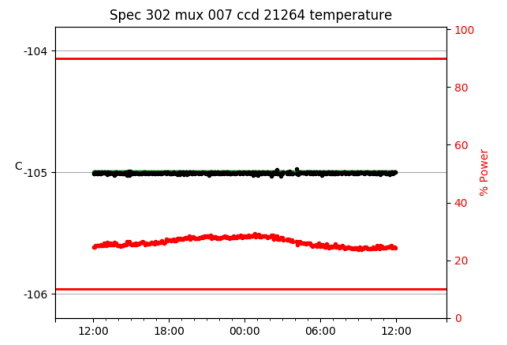
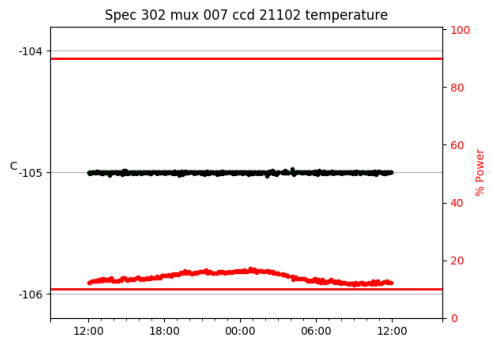
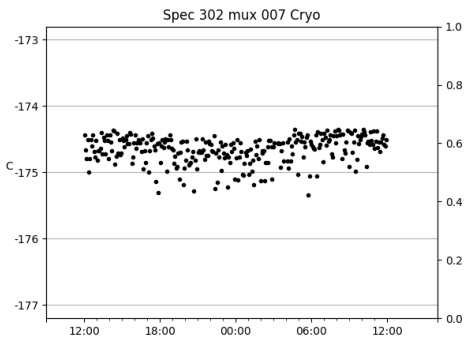
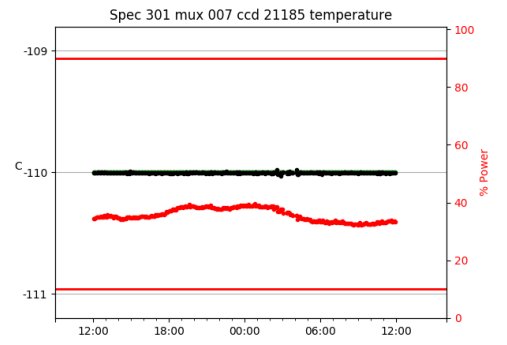
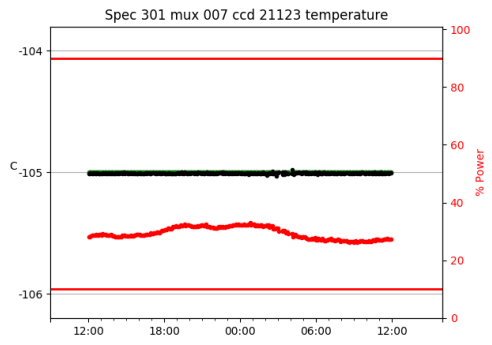
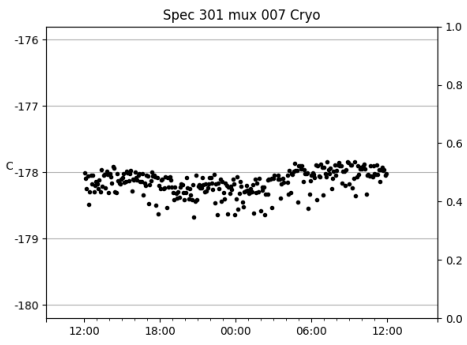
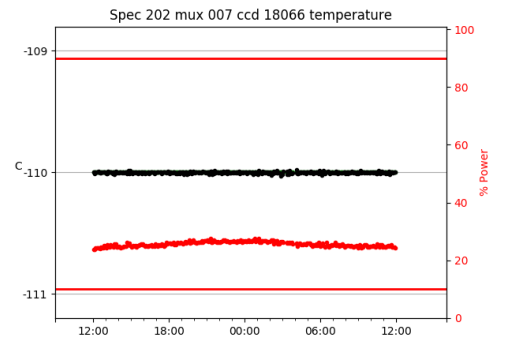
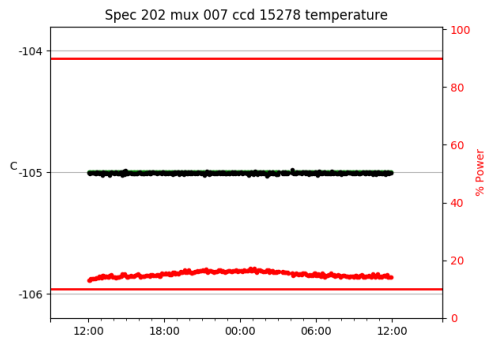
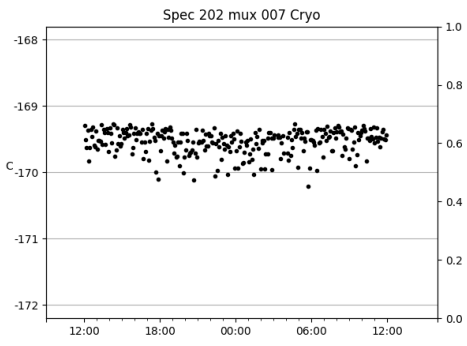
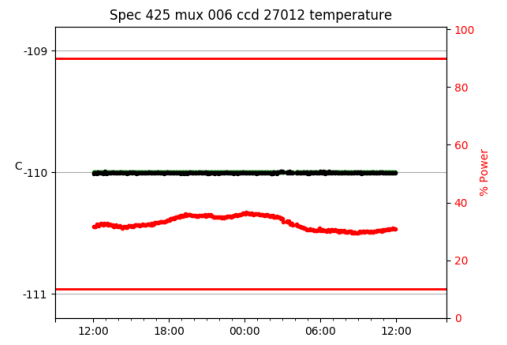
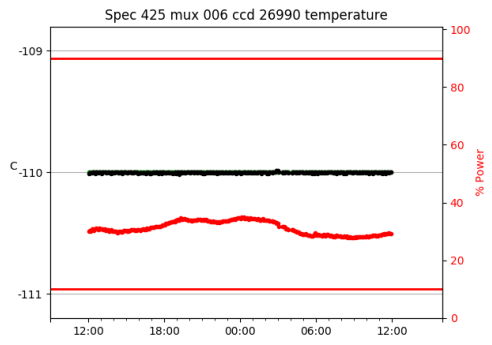
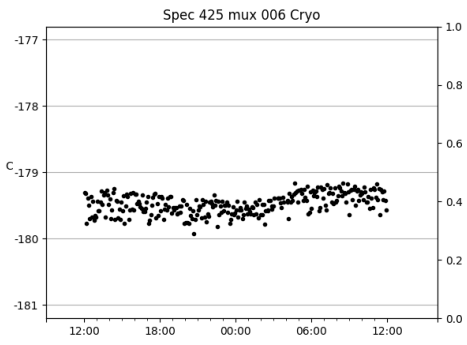


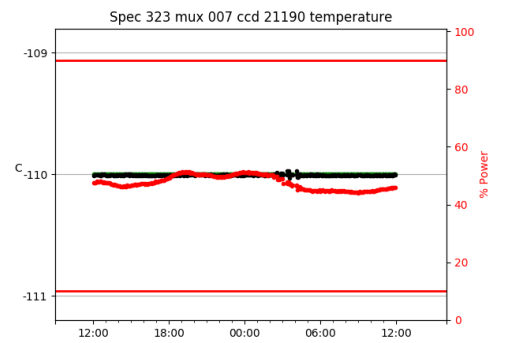
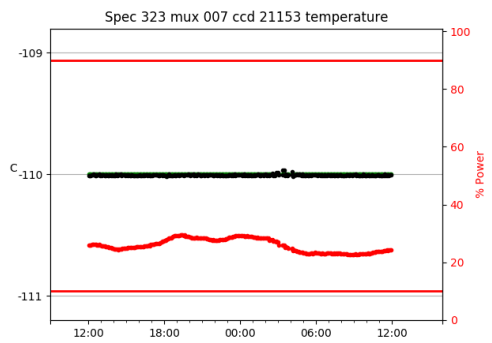
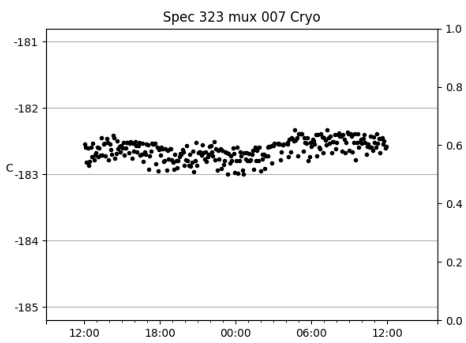
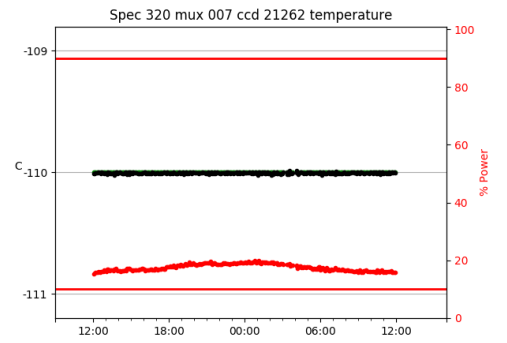
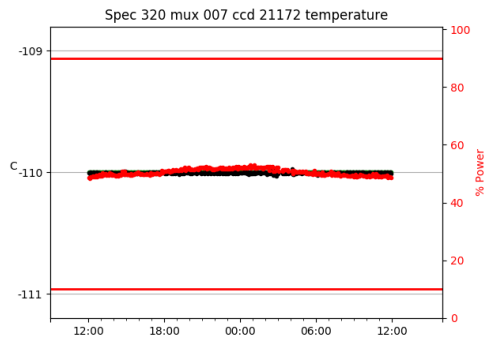
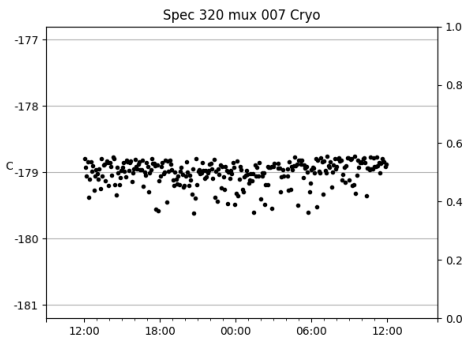
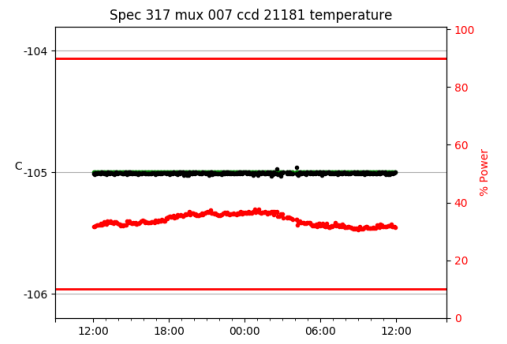
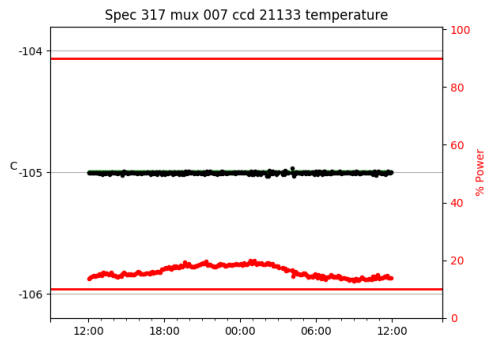
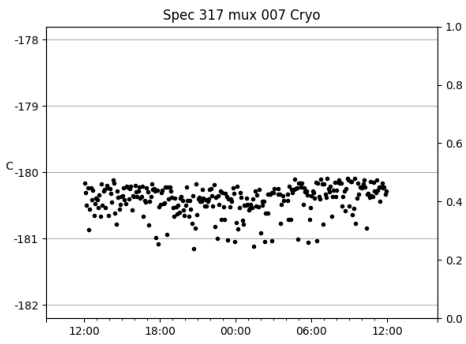
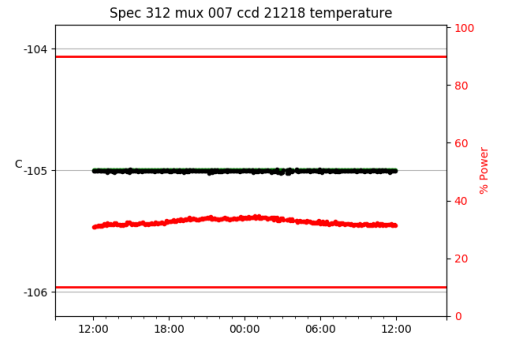
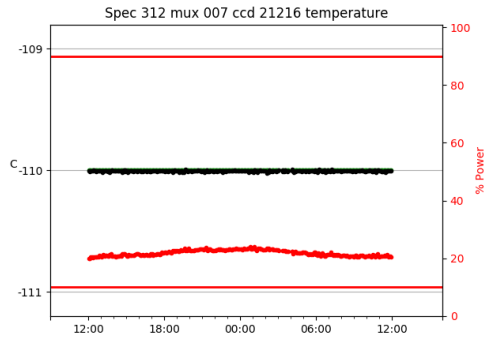
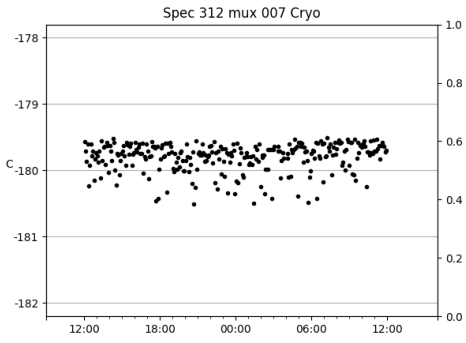


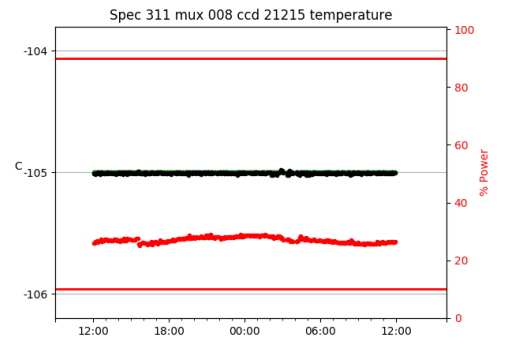
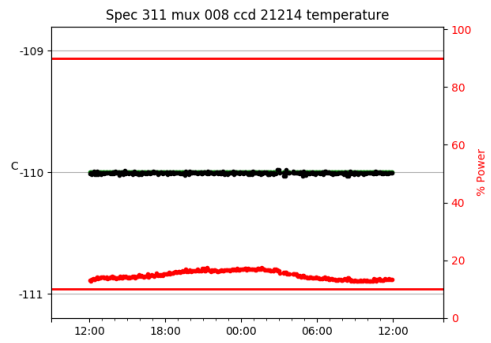
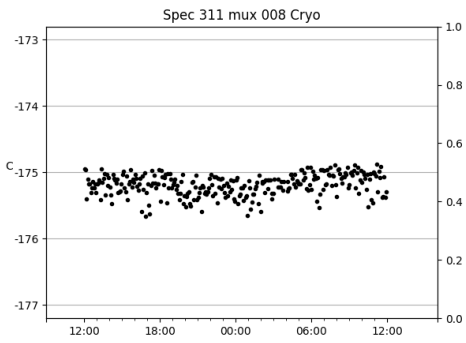
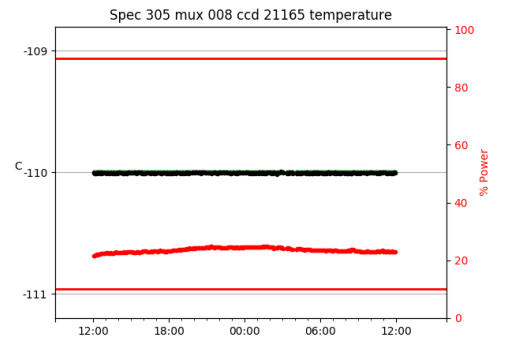
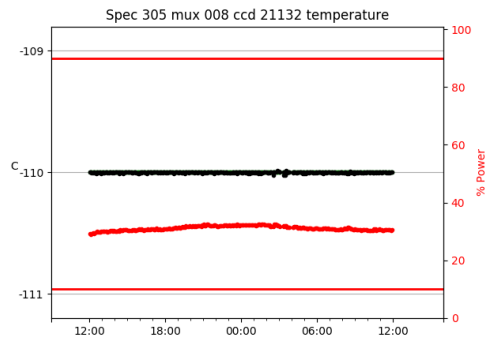
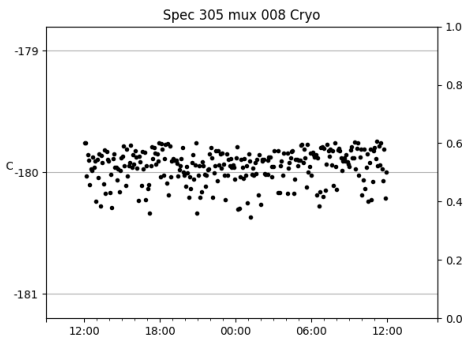
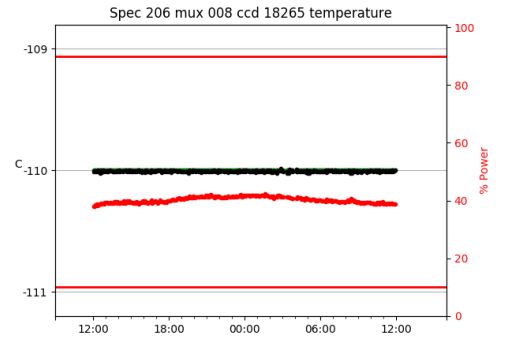
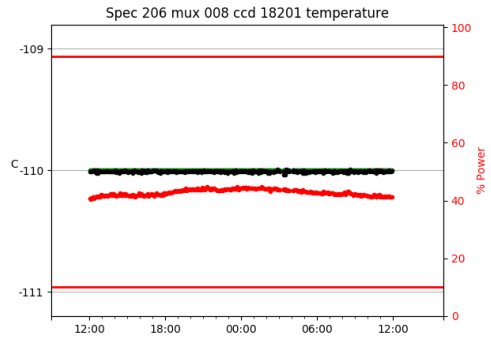
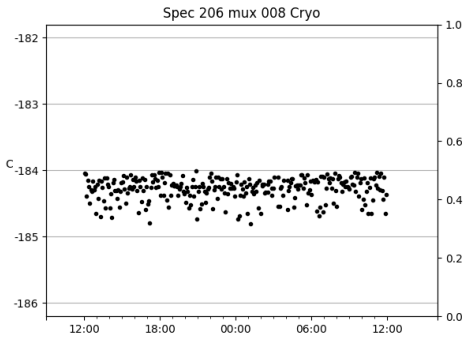
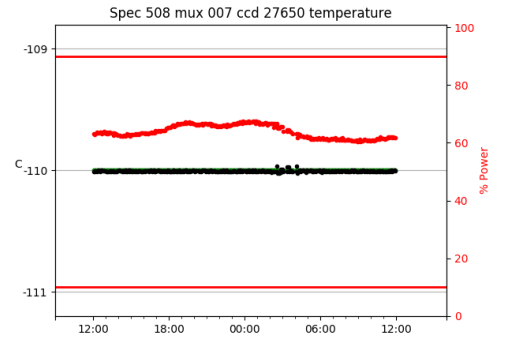
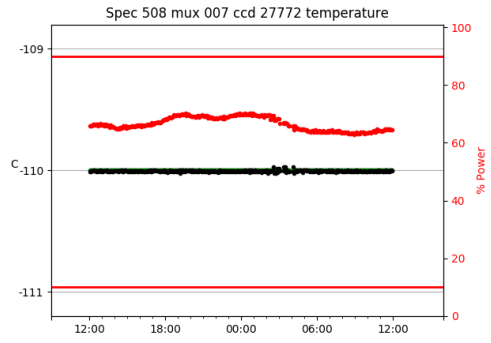
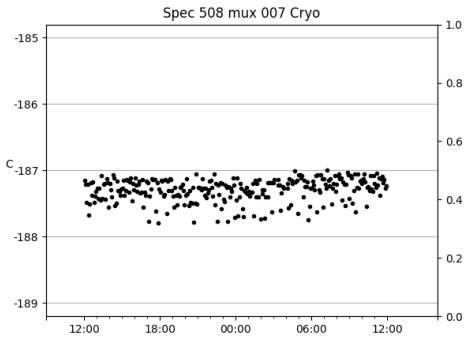


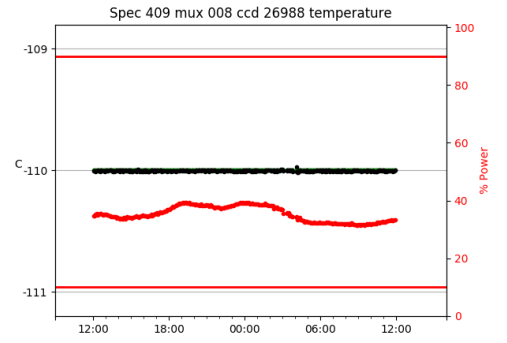
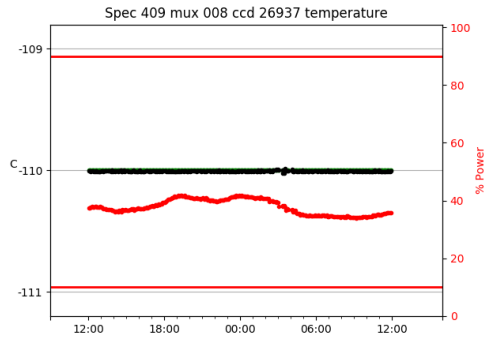
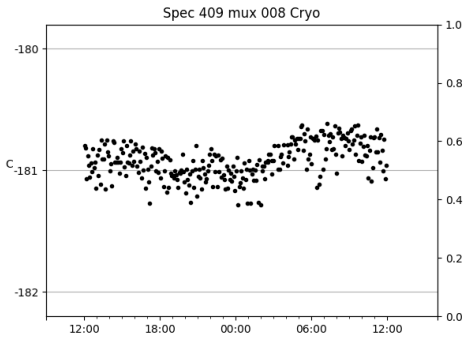
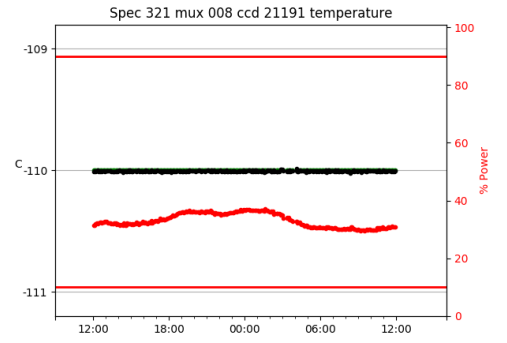
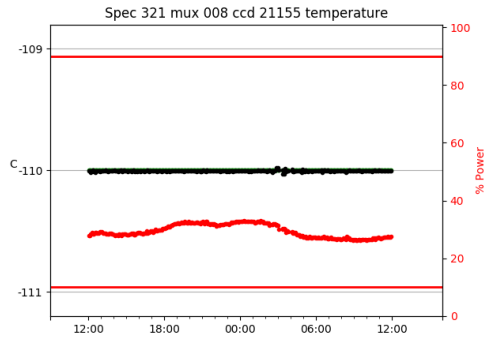
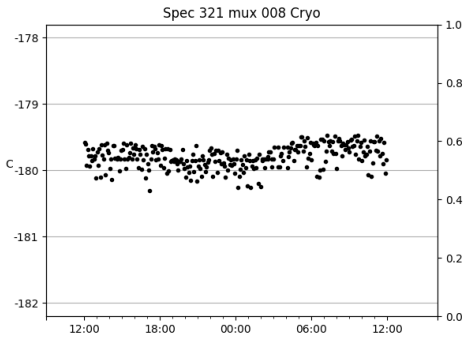
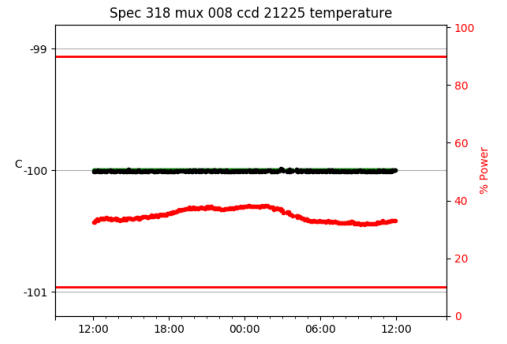
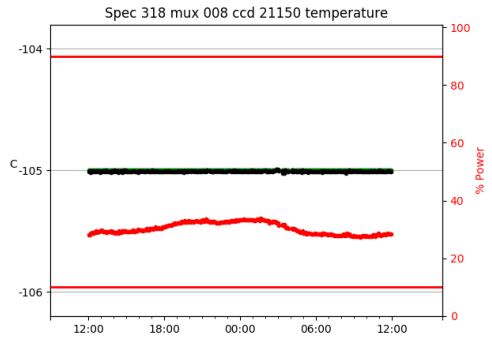
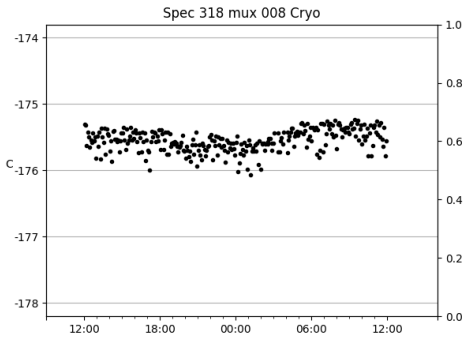
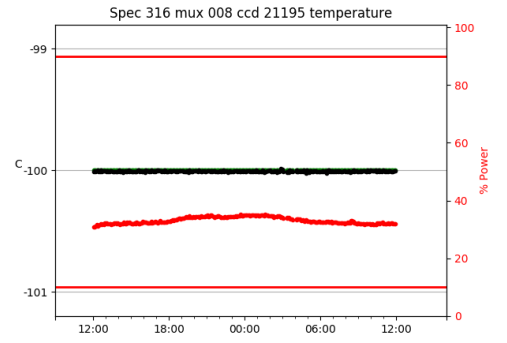
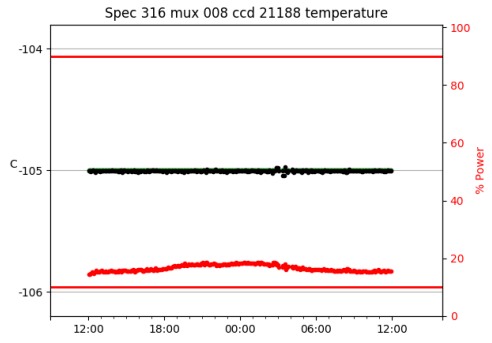
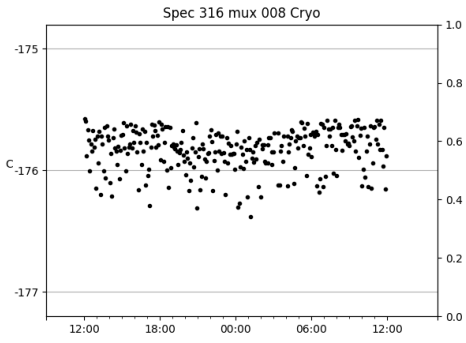


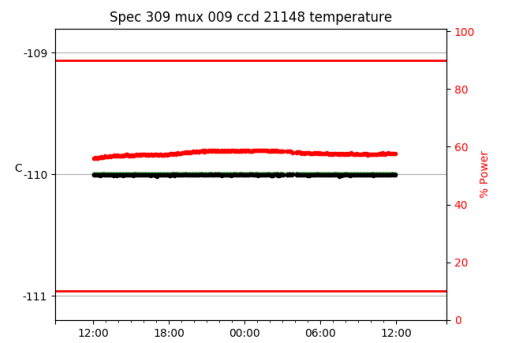
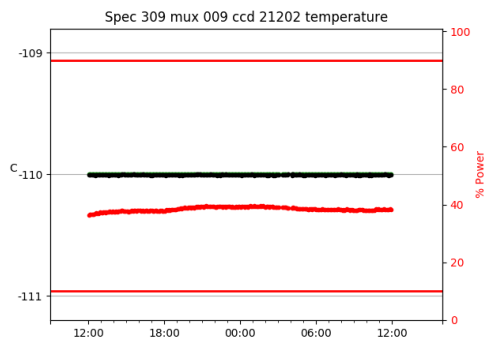
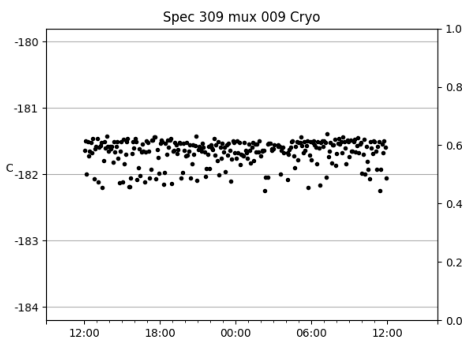
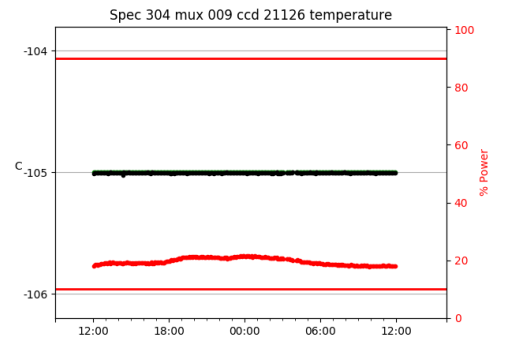
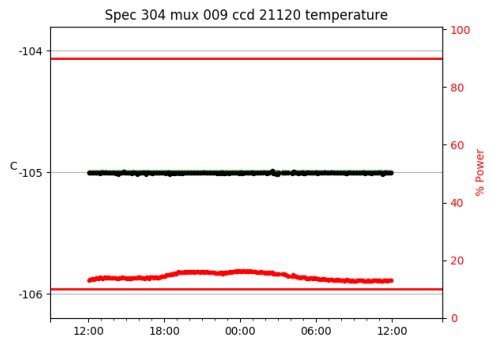
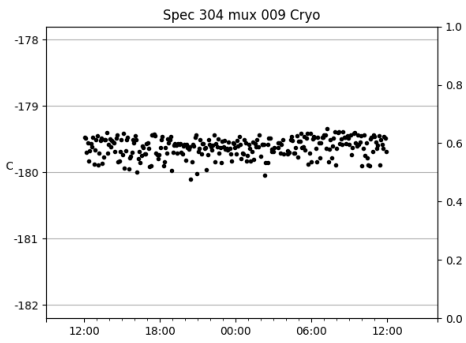
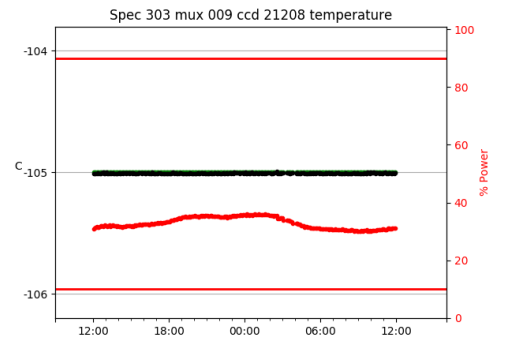
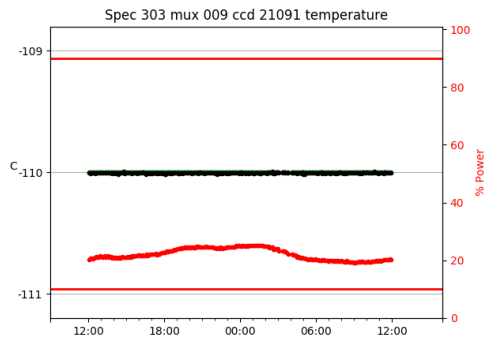
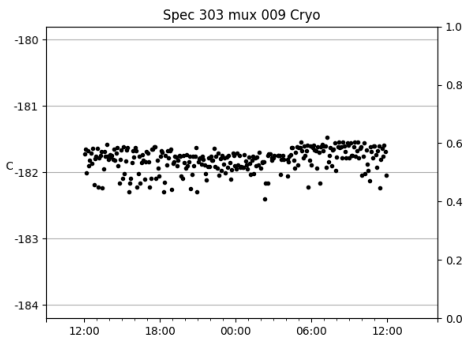
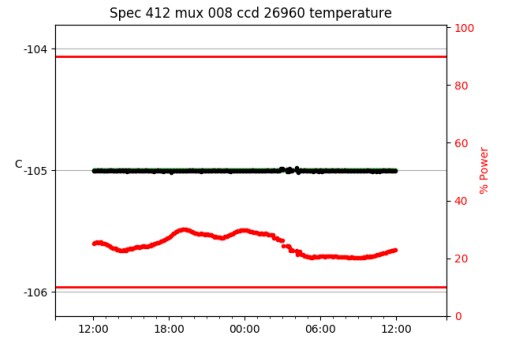
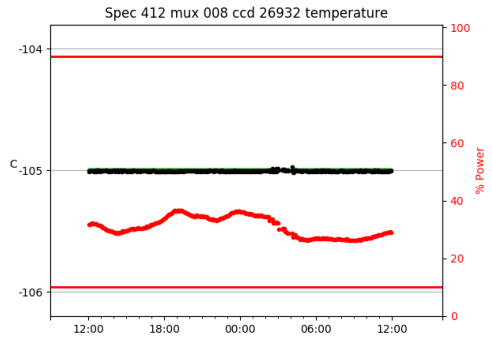
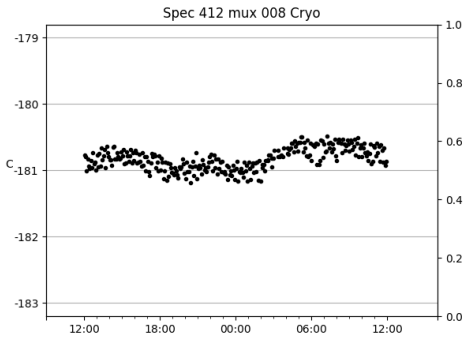


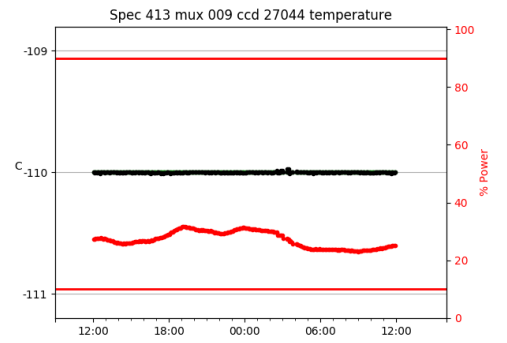
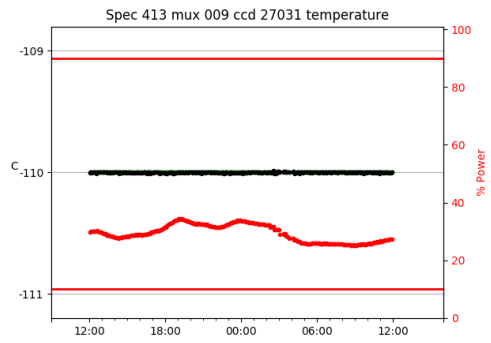
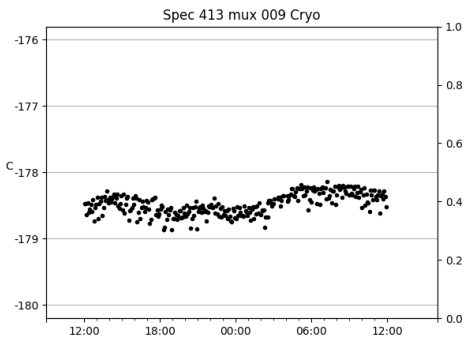
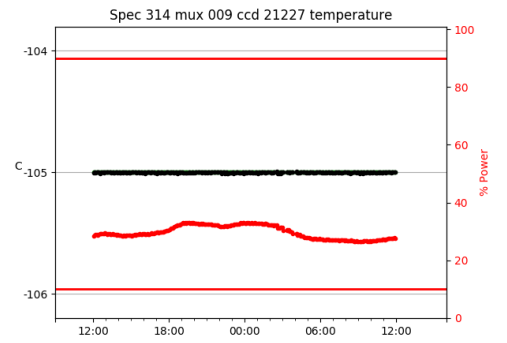
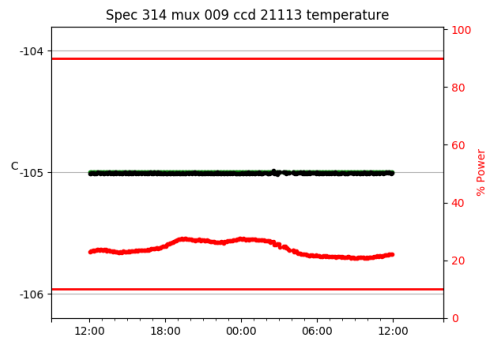
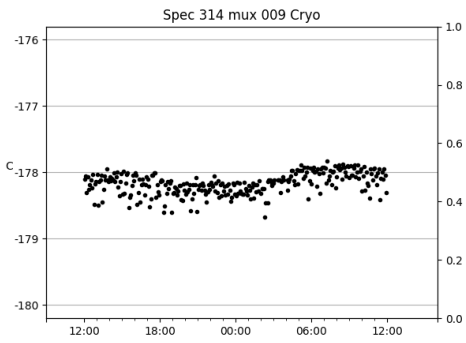
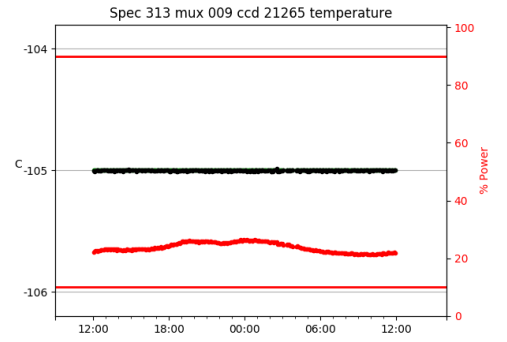
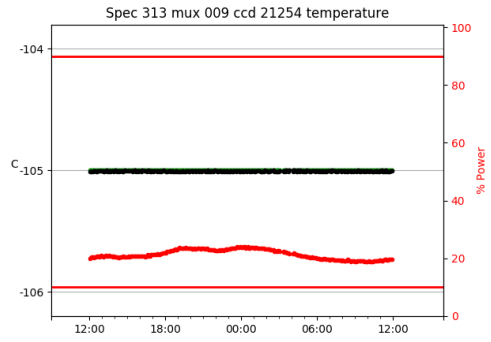
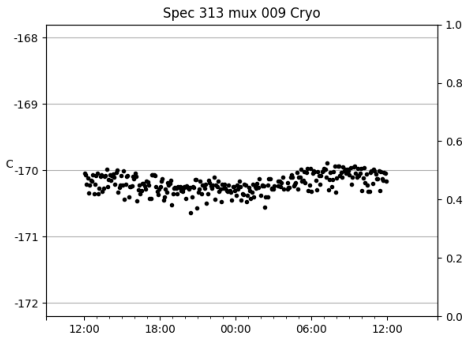
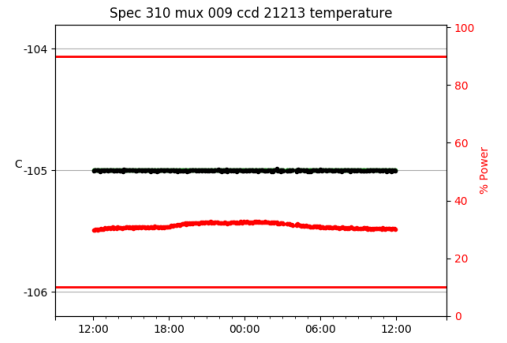
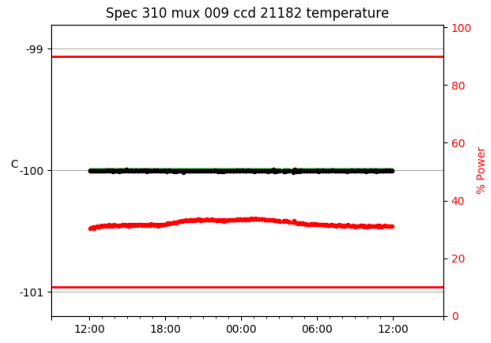
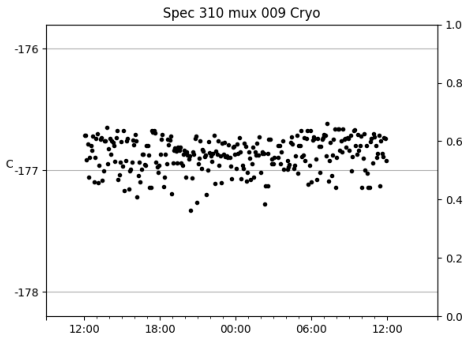




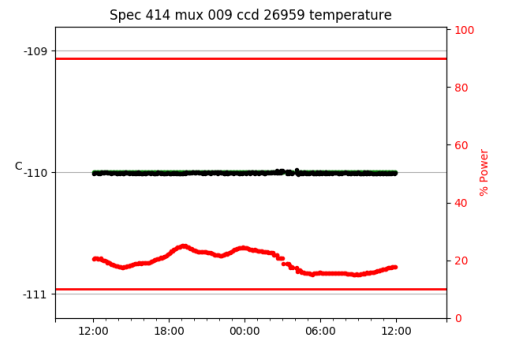
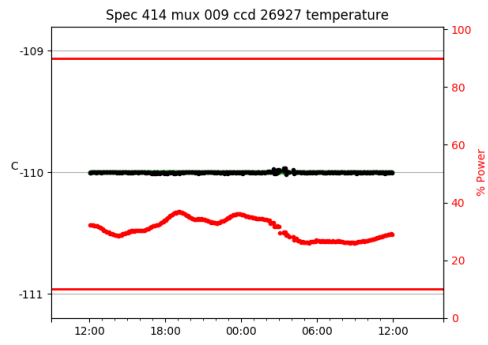
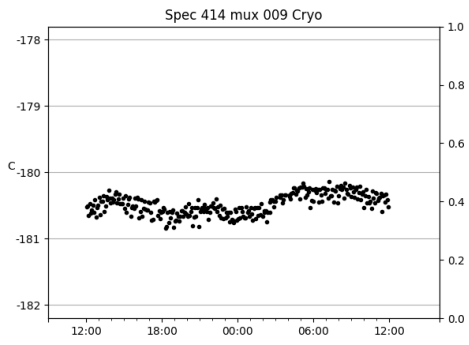




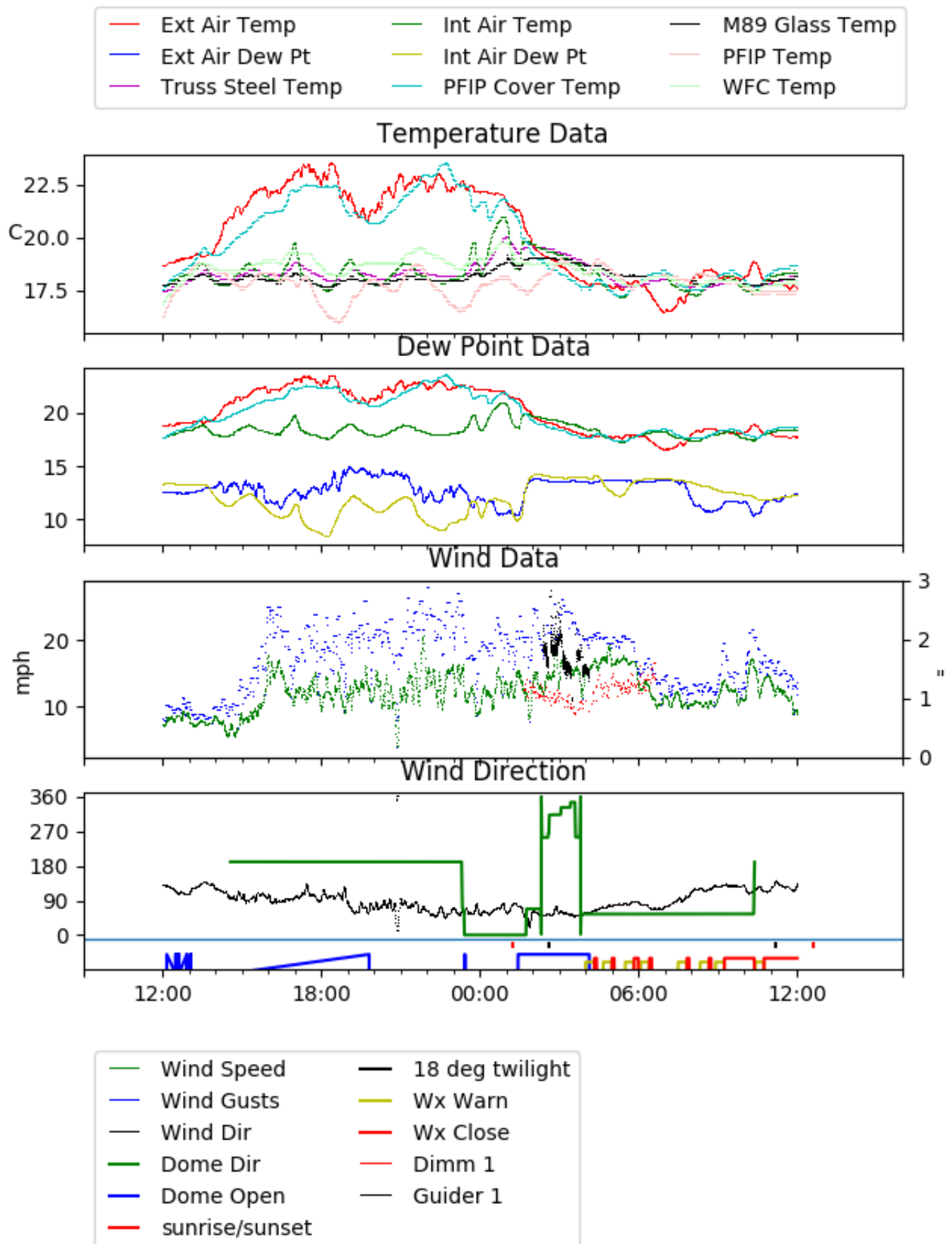






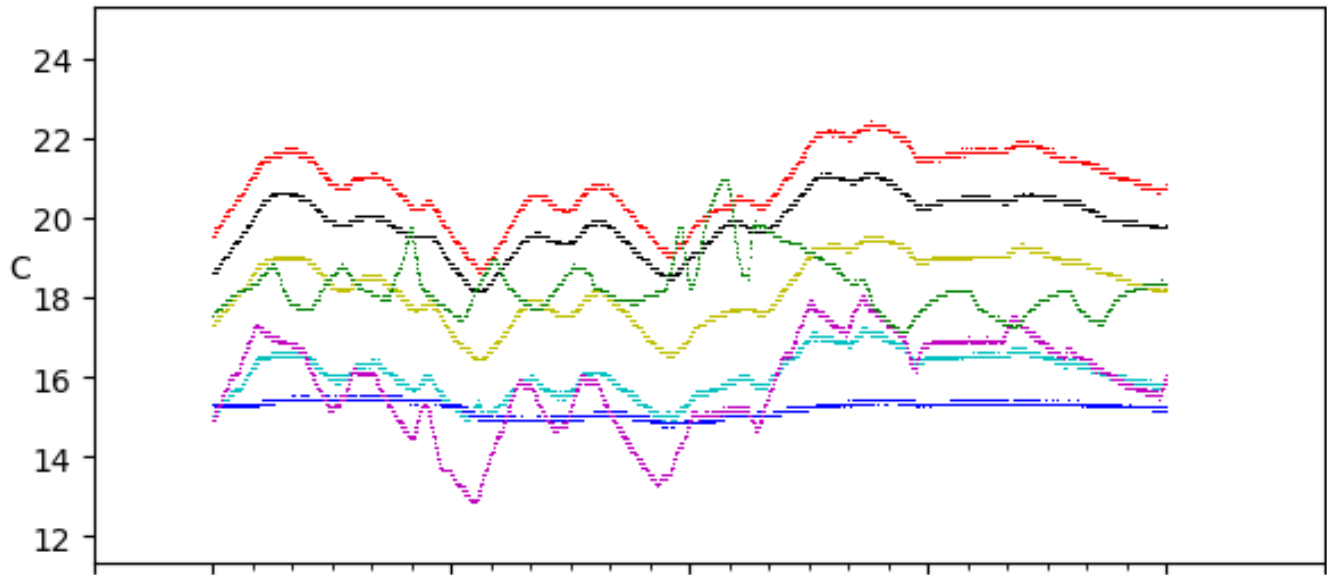


### 3 Weather

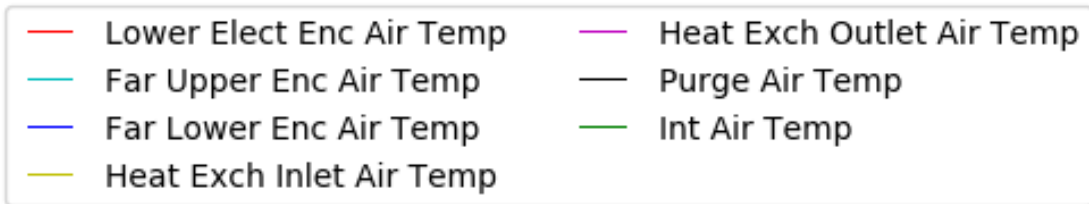
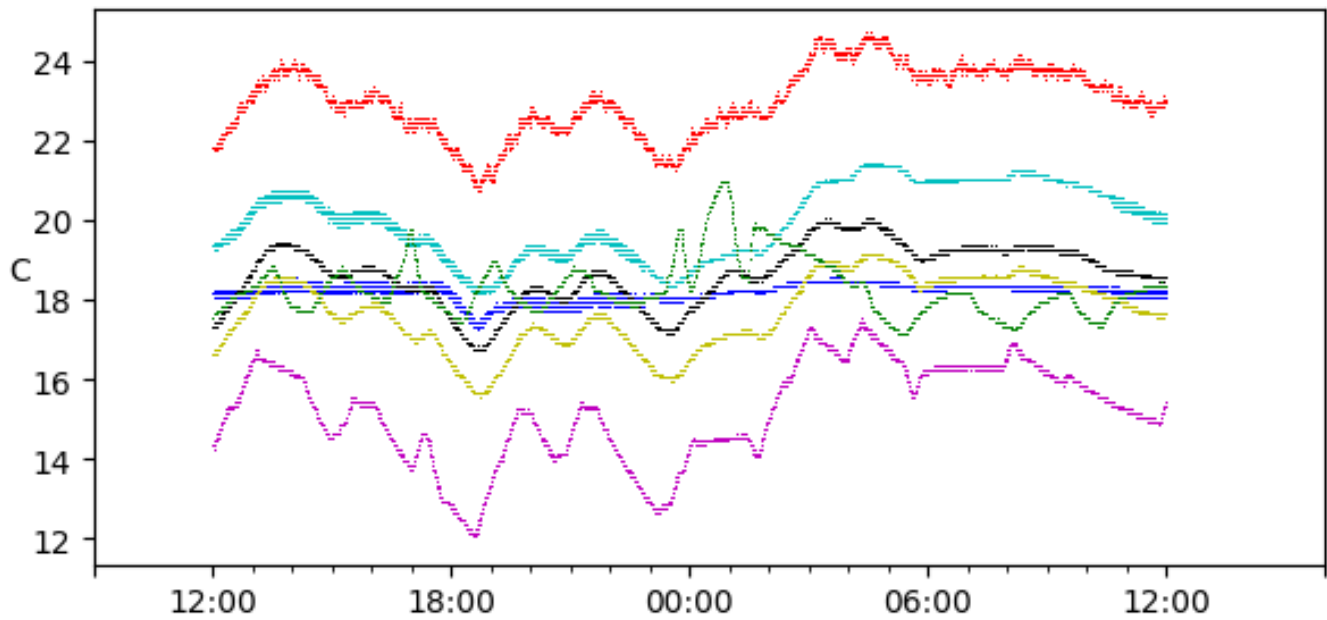


## 4 Virus Enclosures

### Virus Enclosure 1



### Virus Enclosure 2



## 5 Server Up Time

Current server run times:

tracker uptime: 15:06:33 (hh:mm:ss)  
tcs uptime: 15:06:51 (hh:mm:ss)  
pas uptime: 15:00:41 (hh:mm:ss)  
pfip uptime: 15:07:07 (hh:mm:ss)  
legacy uptime: 15:08:12 (hh:mm:ss)  
lrs2 uptime: 1255:57:11 (hh:mm:ss)  
virus uptime: 72:03:38 (hh:mm:ss)

