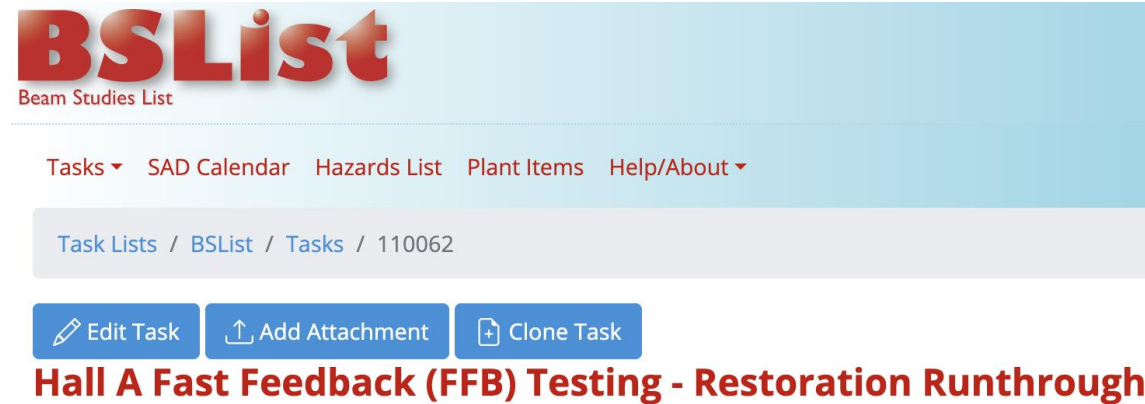


# Fast Feedback Resurrection – Current Status

## 1. Performed Beam Study in December to go through start up procedure

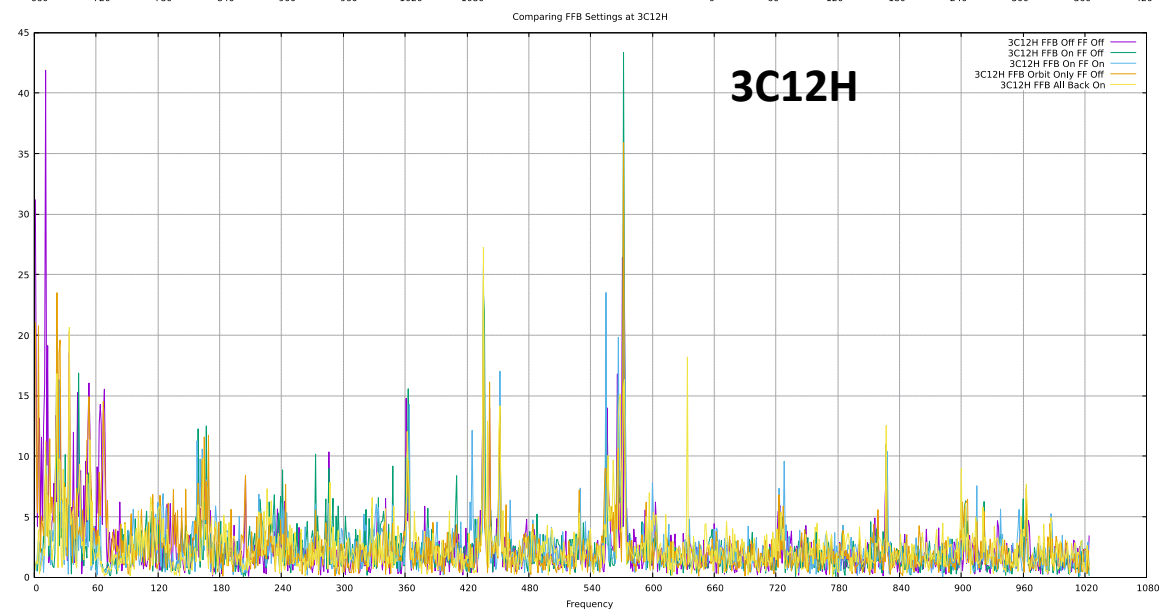
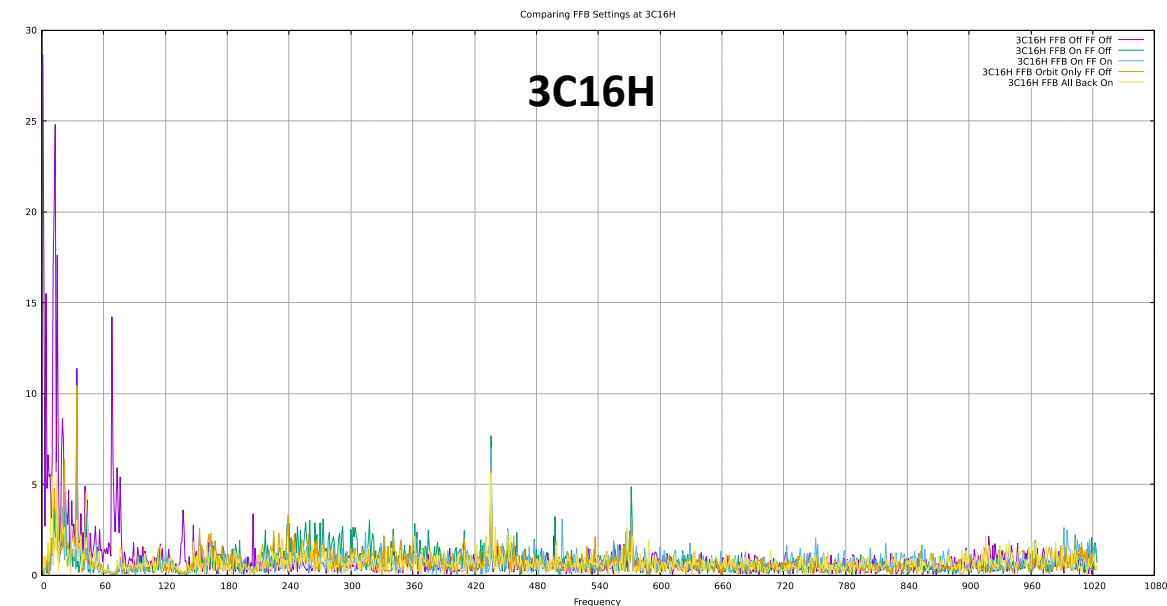
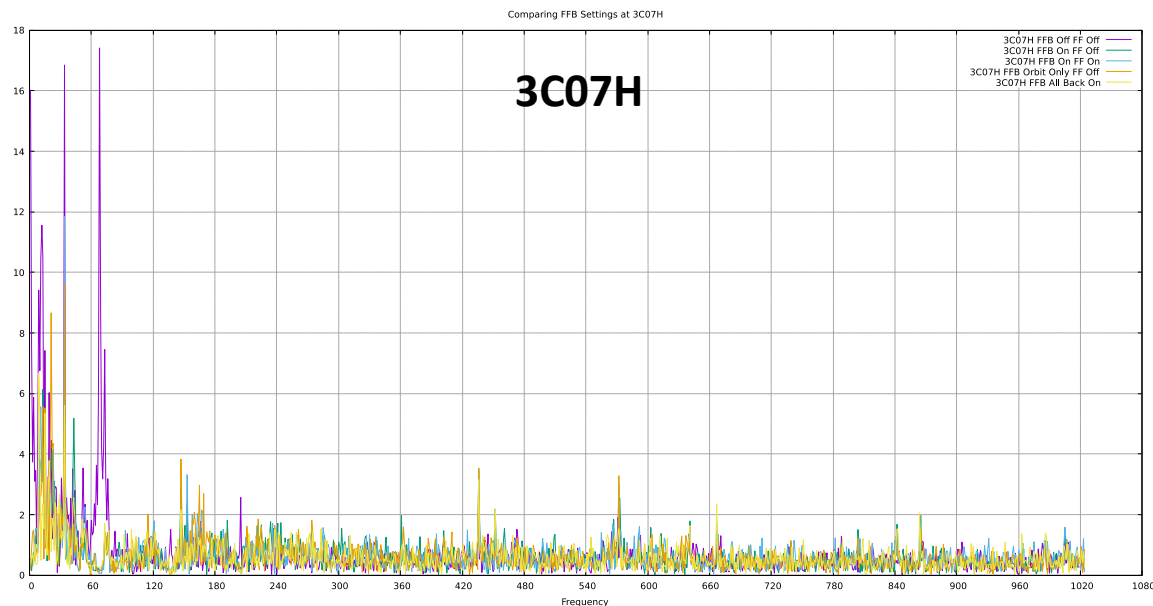


- Performed in Hall C instead of Hall A due to availability
- Test was successful, and feedback was used to update the control screens and documentation
- No analysis was performed at this test – it was only to see if the system worked as described

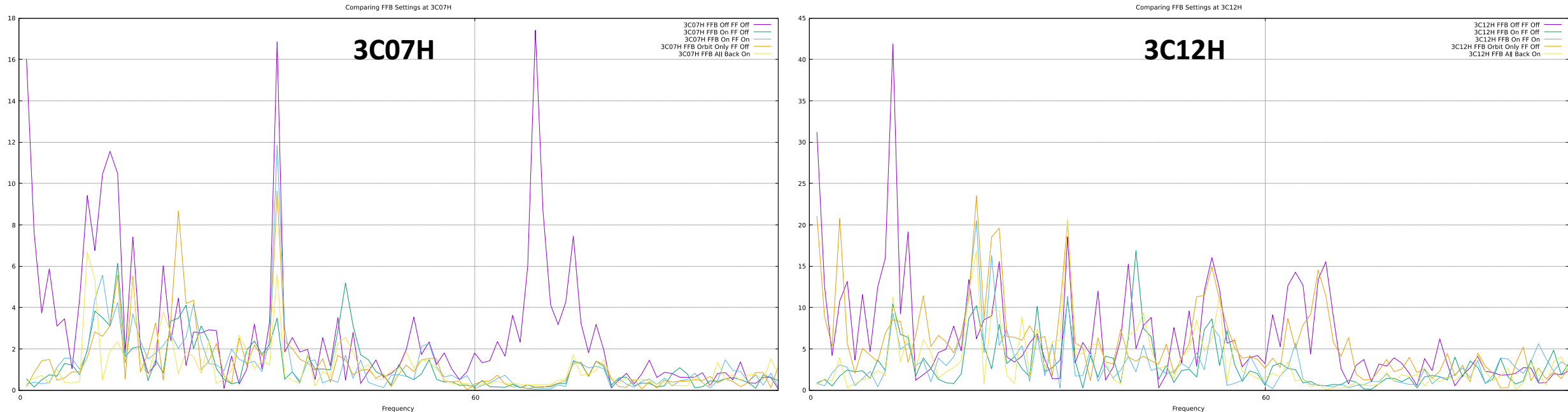
## 2. Agreed to keep FFB running into Hall C (unless it interferes)

- Has \*mostly\* been running
  - Some small hiccups as we (re)learn to use the system
  - Gain switching can sometimes cause hiccups

# Fast Feedback Resurrection – FFTs



# Fast Feedback Resurrection – FFTs (Zooming In)



- 1. Took data with multiple FFB states to check 60 Hz suppression**
  - Clear suppression, but not exactly at 60 Hz
  - Making new test plan to “calibrate” via data – will use 30 Hz switch to drive modulations and look at FFTs from FFB system (AtLIS being written now)
- 2. Following up with small errors encountered during operations**
- 3. Will perform power spectral density on FFT data**