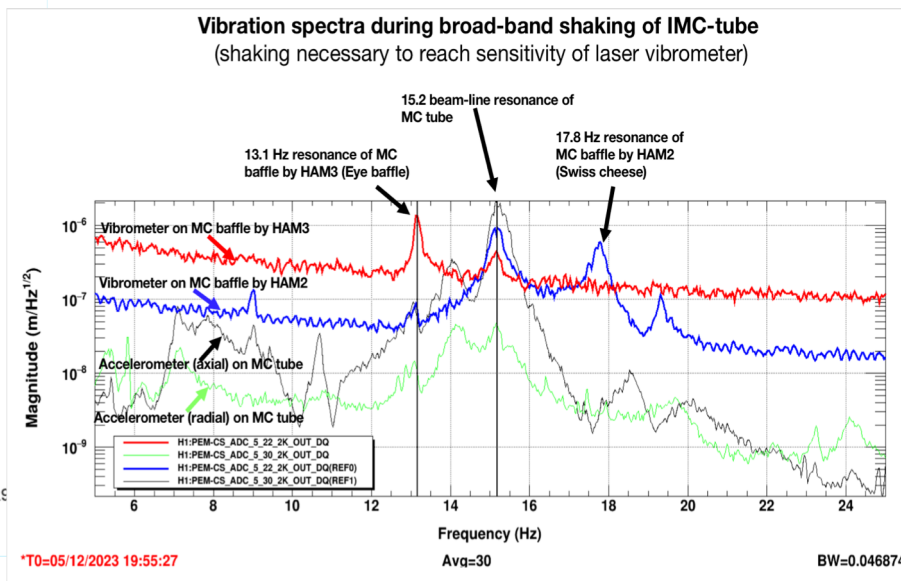
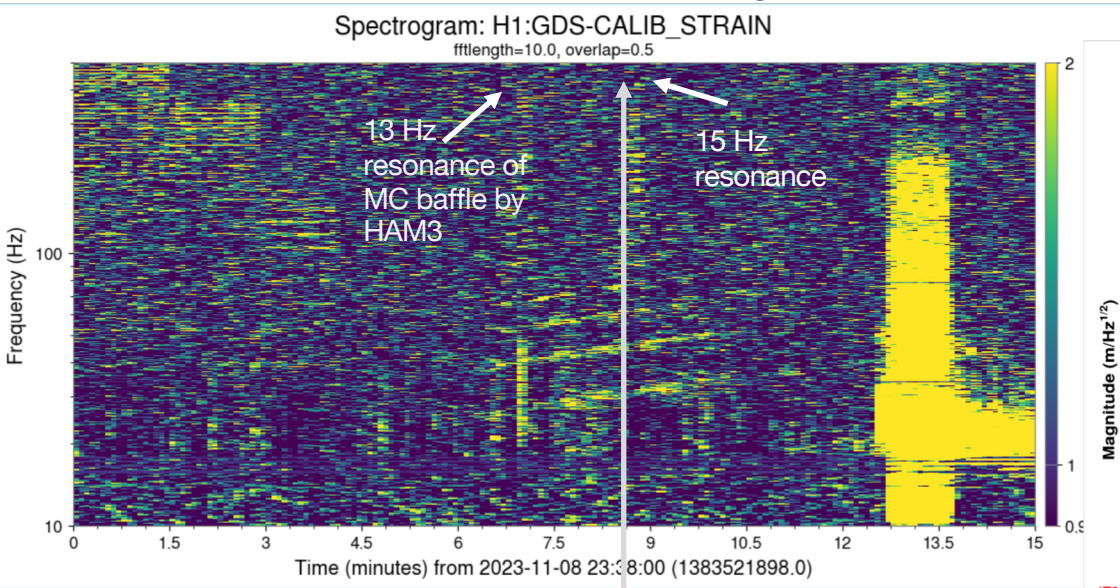
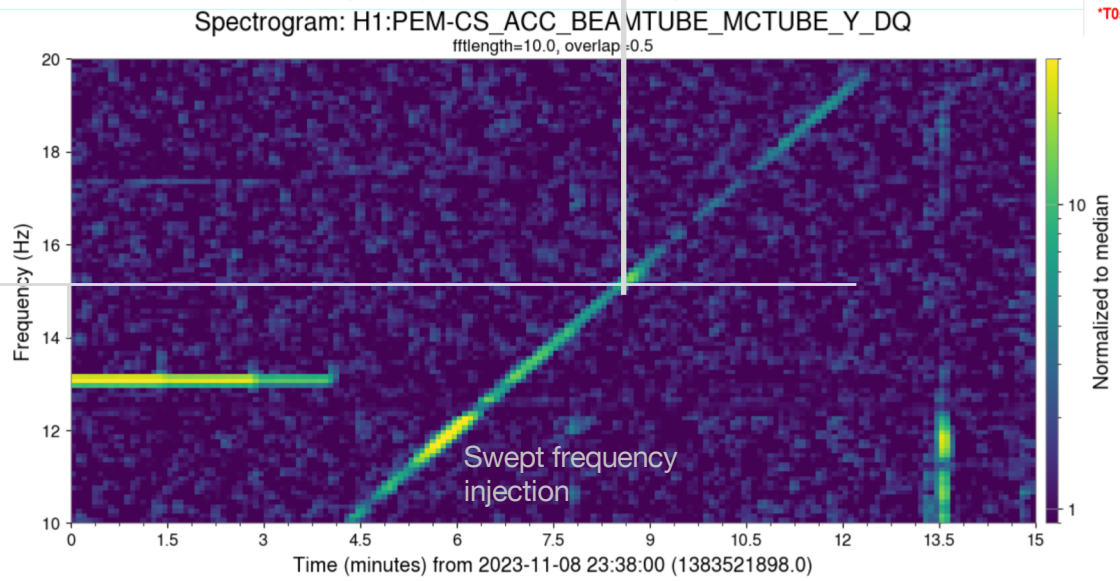


Strong coupling from MC-tube 15.2 Hz resonance motivated baffling that blocked glints from the beam tube

DARM



Accelerometer



In the plot above, the beam tube itself is moving at 15.2 Hz a little more than the two baffles are, and so it, as well as the baffles, might be the source of the scattering noise at 15.2 Hz in the spectrogram. In addition, many of the the brightest glints were from nozzles and other surfaces of the vacuum enclosure. For these reasons, nozzle baffles and the unplanned baffle were installed.

The swept sine injection to the left increased the velocity by a factor of about 10 at 15.2 Hz, and the shelf reached about 500 Hz in DARM. So with normal background levels the shelf could reach 50 Hz.