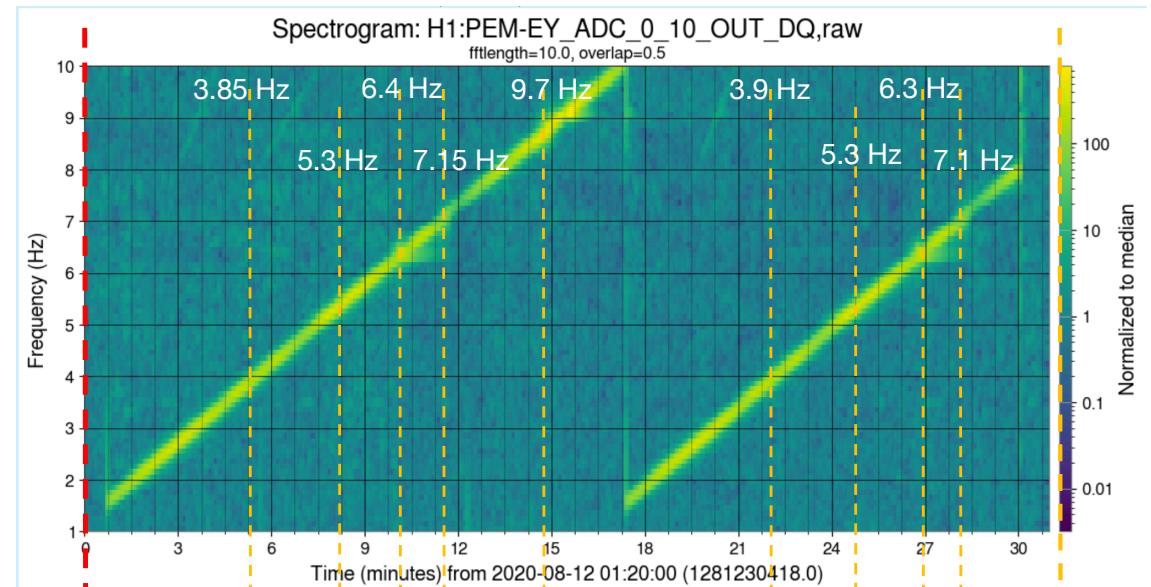
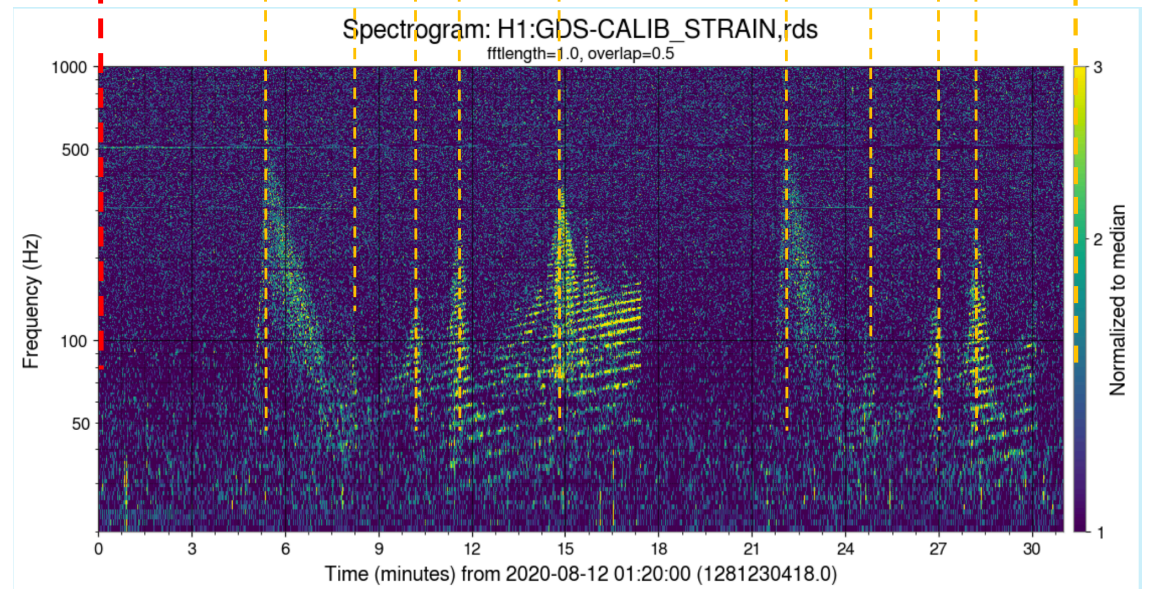


# resonances of scatter source(s)

Accelerometer spectrogram from manifold as shaker injection sweeps twice between 1 and 10 Hz



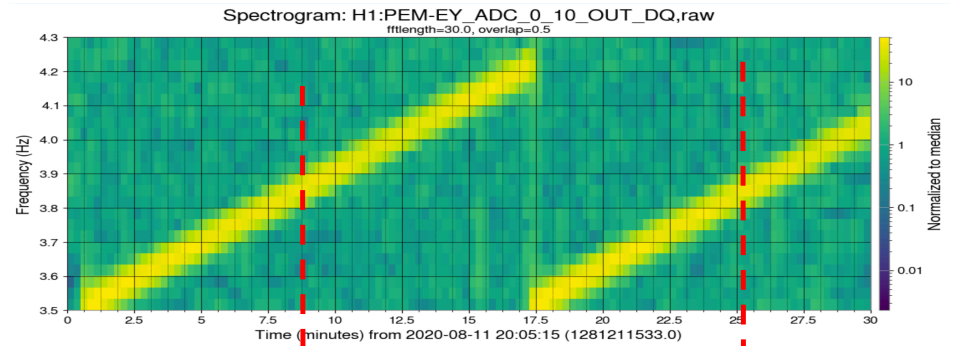
DARM spectrogram showing scattering noise as the sweep passes through resonances.



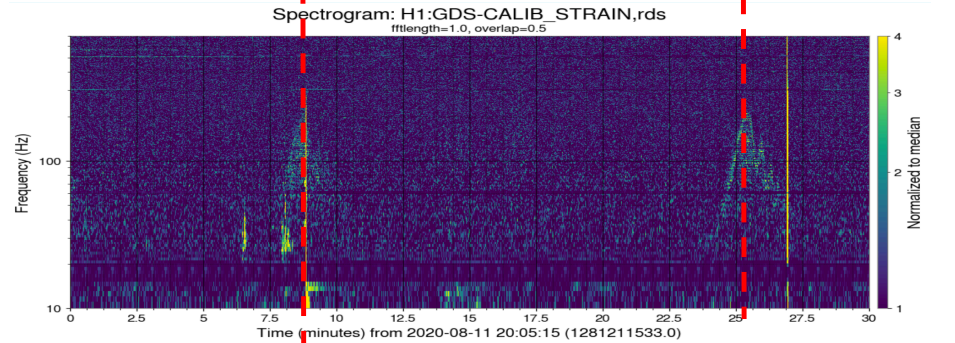
MORE FIGURE ON NEXT PAGE

# zoom in to most important resonance of scatter source: 3.85 Hz

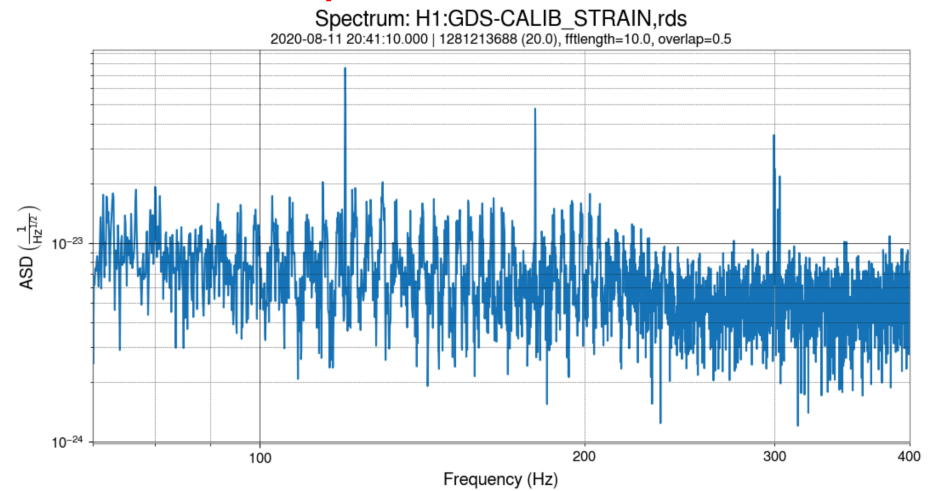
Spectrogram of accelerometer on manifold as injection sweeps twice between 3.5 and 4.5 Hz



Spectrogram of DARM showing that scattering noise occurs when injection is at 3.85 Hz



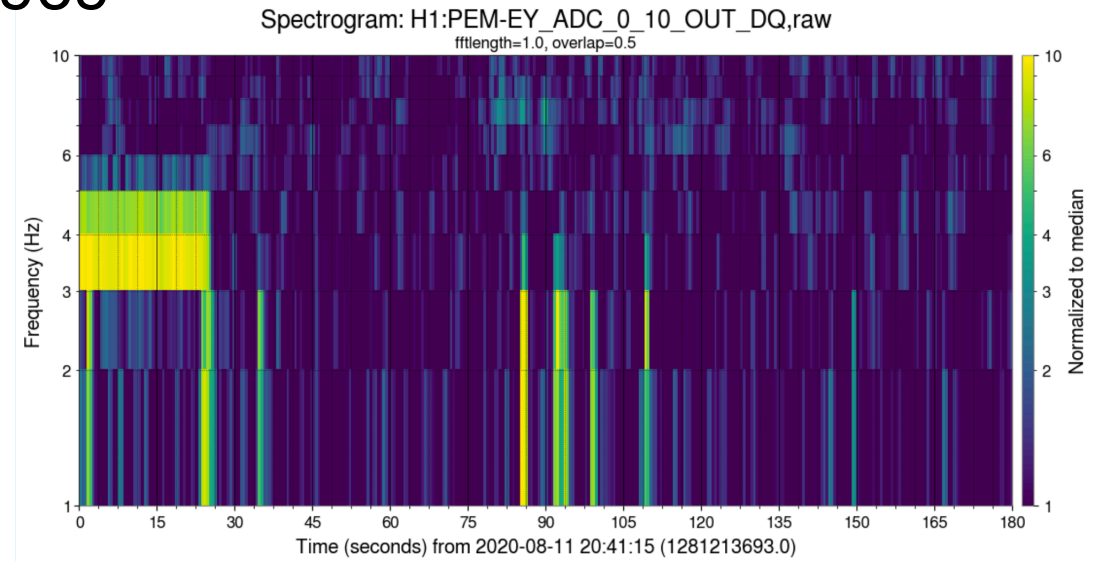
Spectrum of DARM during 3.85 Hz injection



MORE FIGURE ON NEXT PAGE

# Q of resonance at 3.85 Hz: 969

Accelerometer showing abrupt stop of 3.85 Hz shaking



DARM showing gradual (Q=969) decay of motion of scatter source

