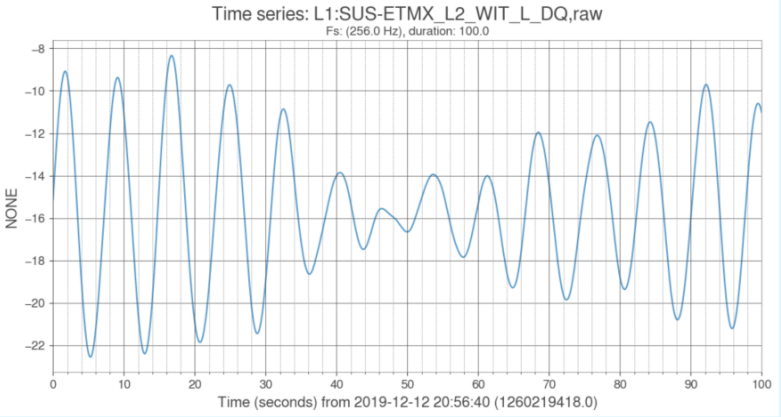
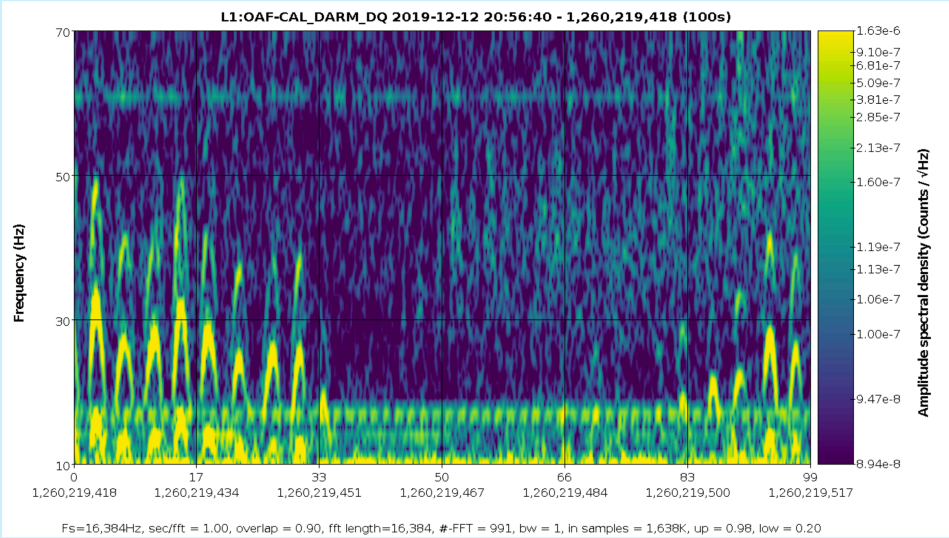
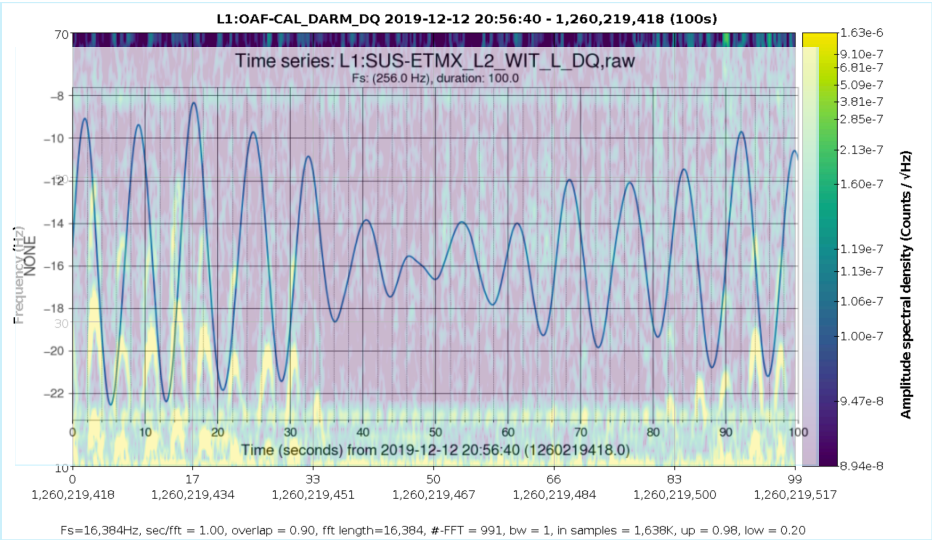


Figure 5a. Arches at LLO, correlate with ETMX\_L2\_WIT\_L



Overlap



### Figure 5b. Spacing between LLO arches can be roughly accounted for by the relative velocity of the test and reaction chains

Maximum relative velocity is about 6μm/s, or a path length change of 12 λ / s, so the spacing between arches should be 12 Hz. Measured to be roughly 16 Hz. As at LHO the stacked arches could be for multiple reflections between the RM ESD traces and the HR coating on the test mass.

