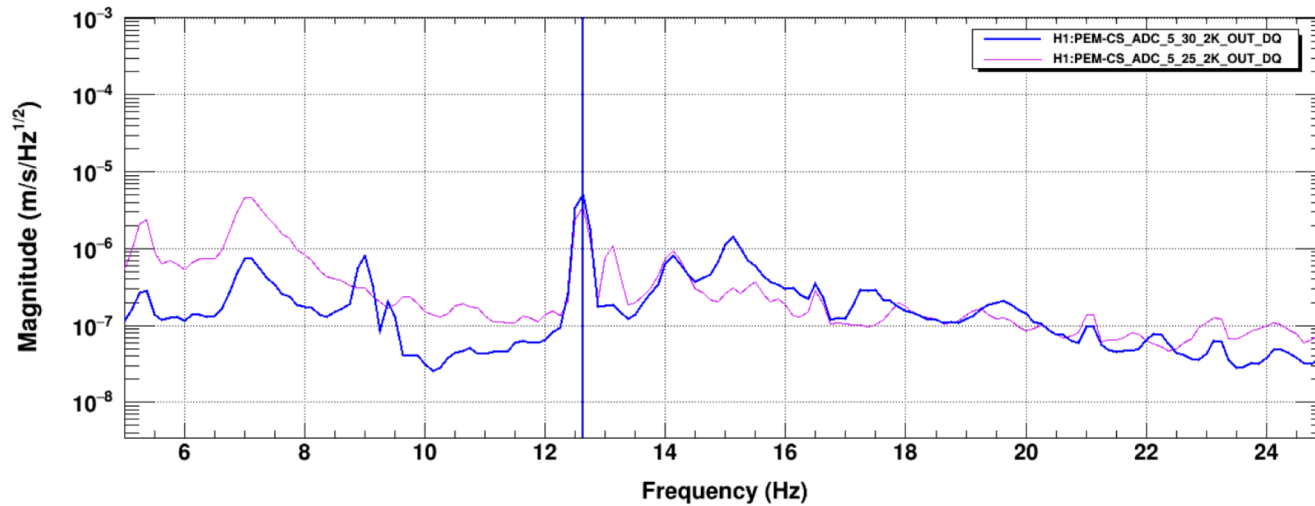


Scattering noise eliminated by 50 microradian change in ITMY CP plate yaw



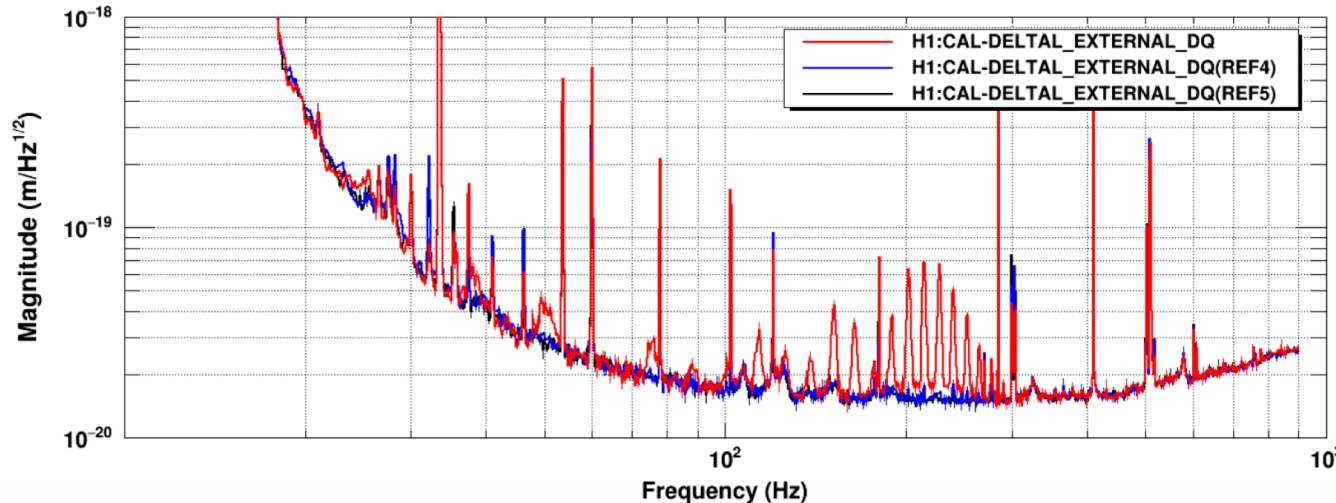
Shaker injection at 12.6 Hz as seen by two beam-line accelerometers mounted on the input MC tube.

T0=31/03/2024 18:16:29.032226

Avg=54

BW=0.187499

Power spectrum



Red: the scattering noise produced by the injection with the nominal ITMY R0 Y offset (-300)

Blue: offset at -250

Black: no injection

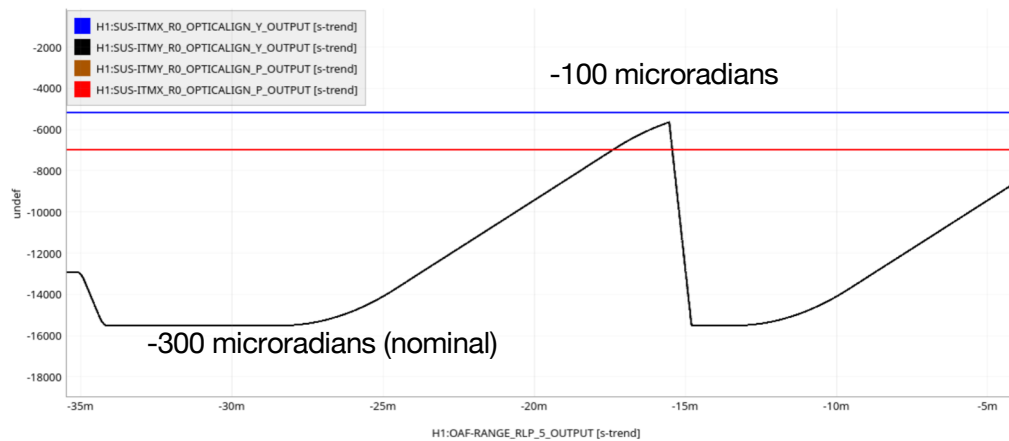
*T0=31/03/2024 18:16:29.032226

*Avg=54/Bin=3L

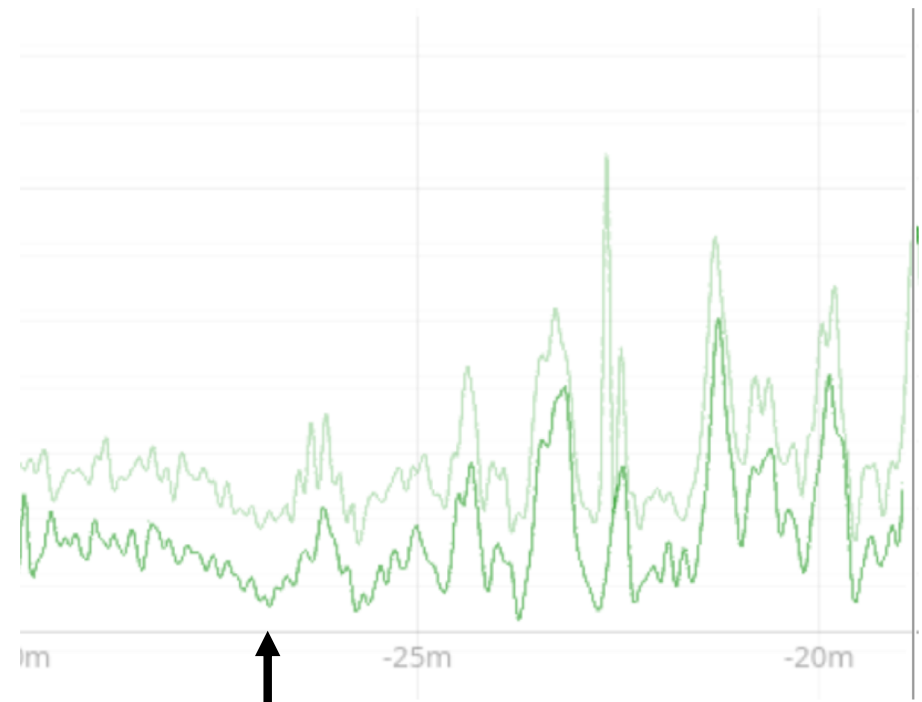
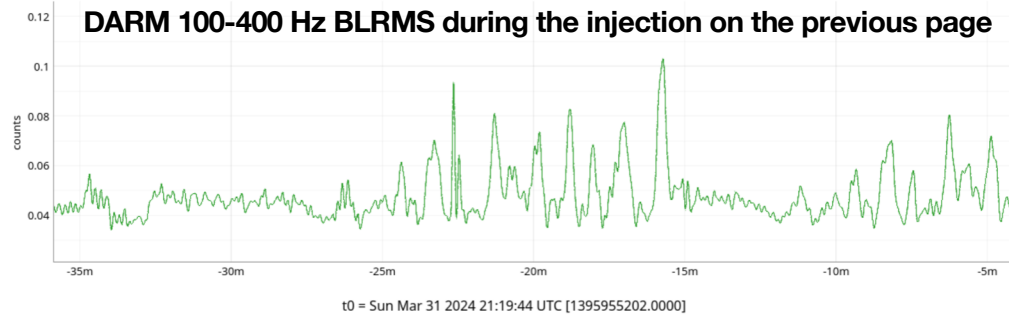
BW=0.187499

Fine structure in the yaw scan

200 microradian scan of IRMY R0 in yaw



~20 microradian repeatable structure



-250 microradians on slider

View from the MC2 camera viewport near HAM2

Light on spool piece

