

# LLO tilt data set



data taken at

Nov 16, 2023 20:00:00 UTC

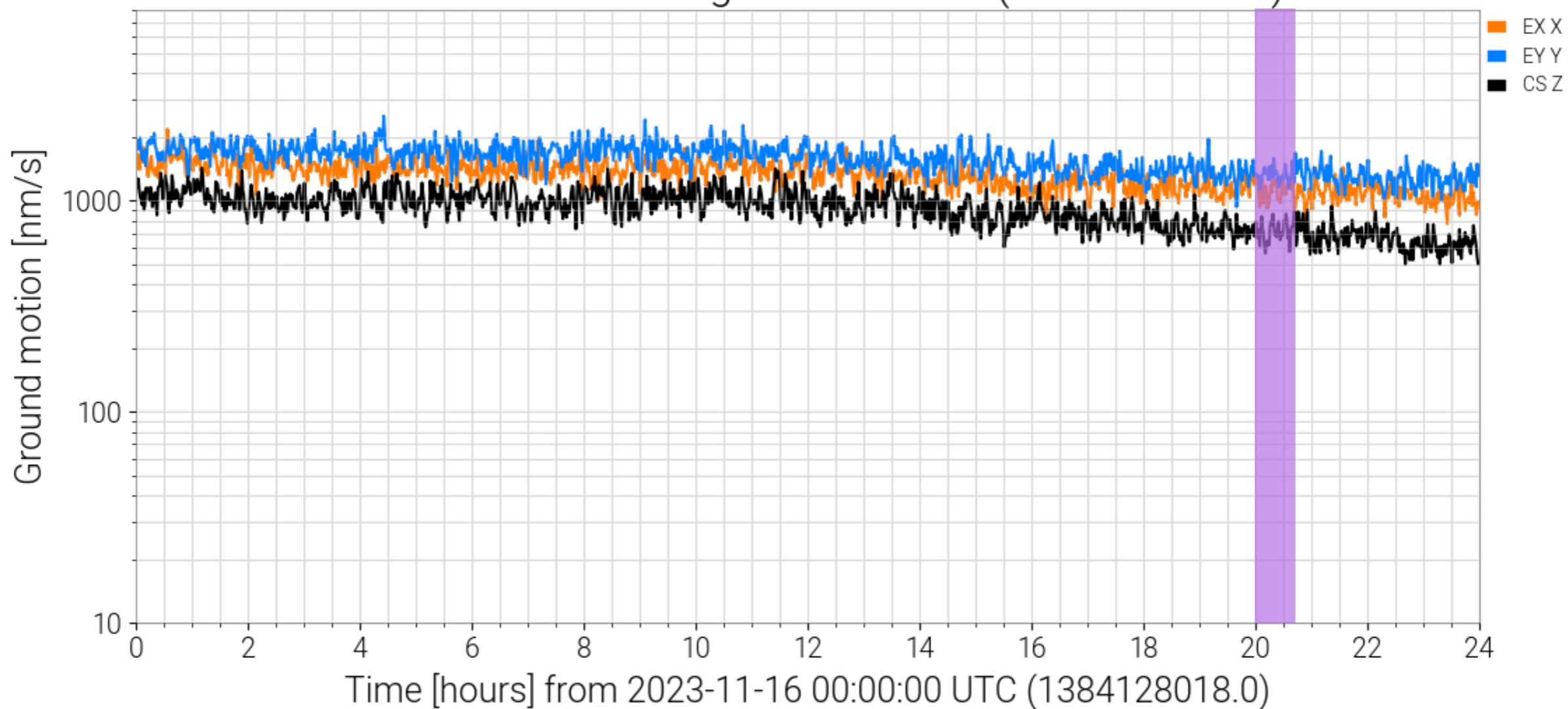
Nov 16, 2023 14:00:00 CST

GPS Time = 1384200018

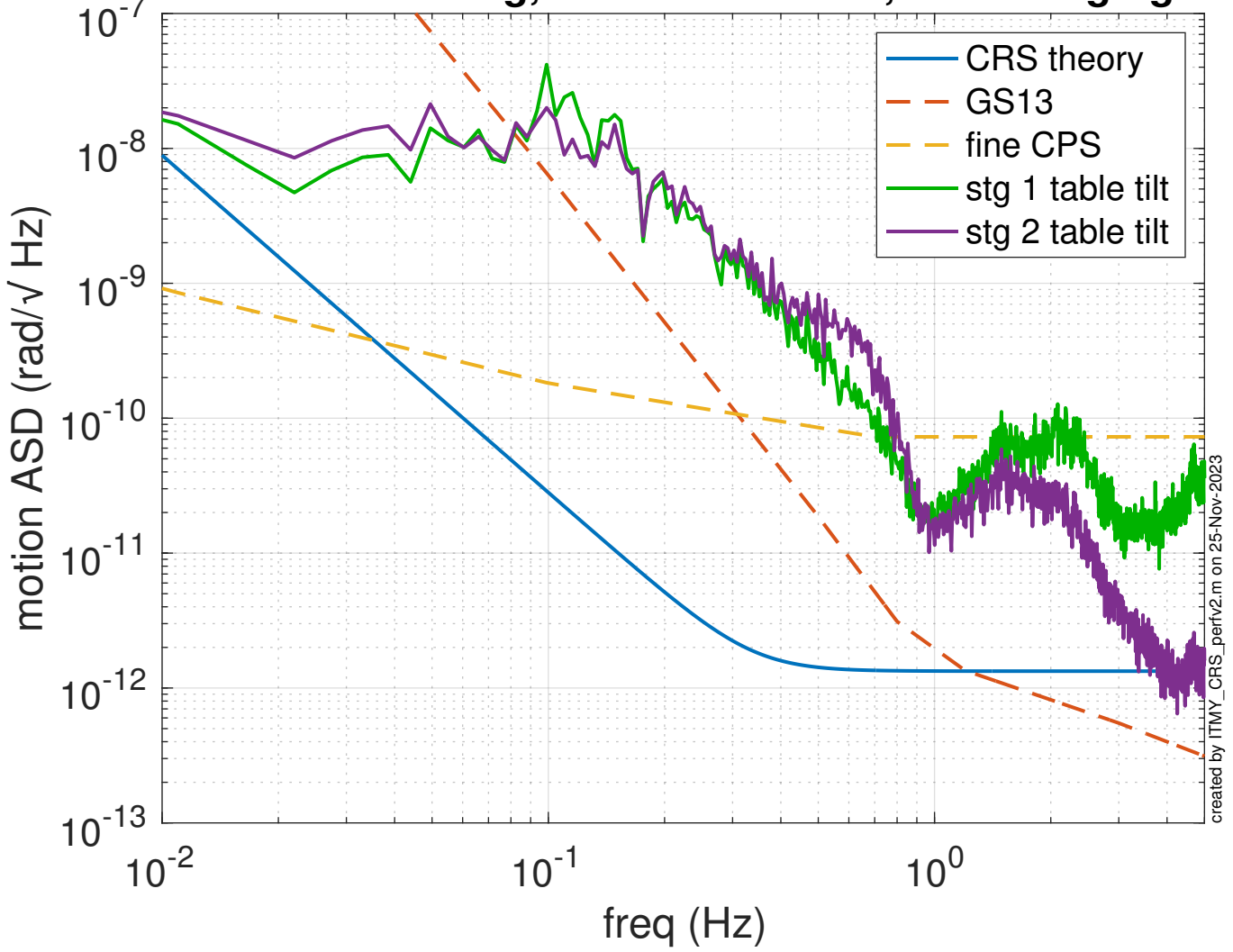
very low wind, no earthquake

microseism so big the IFO wouldn't lock

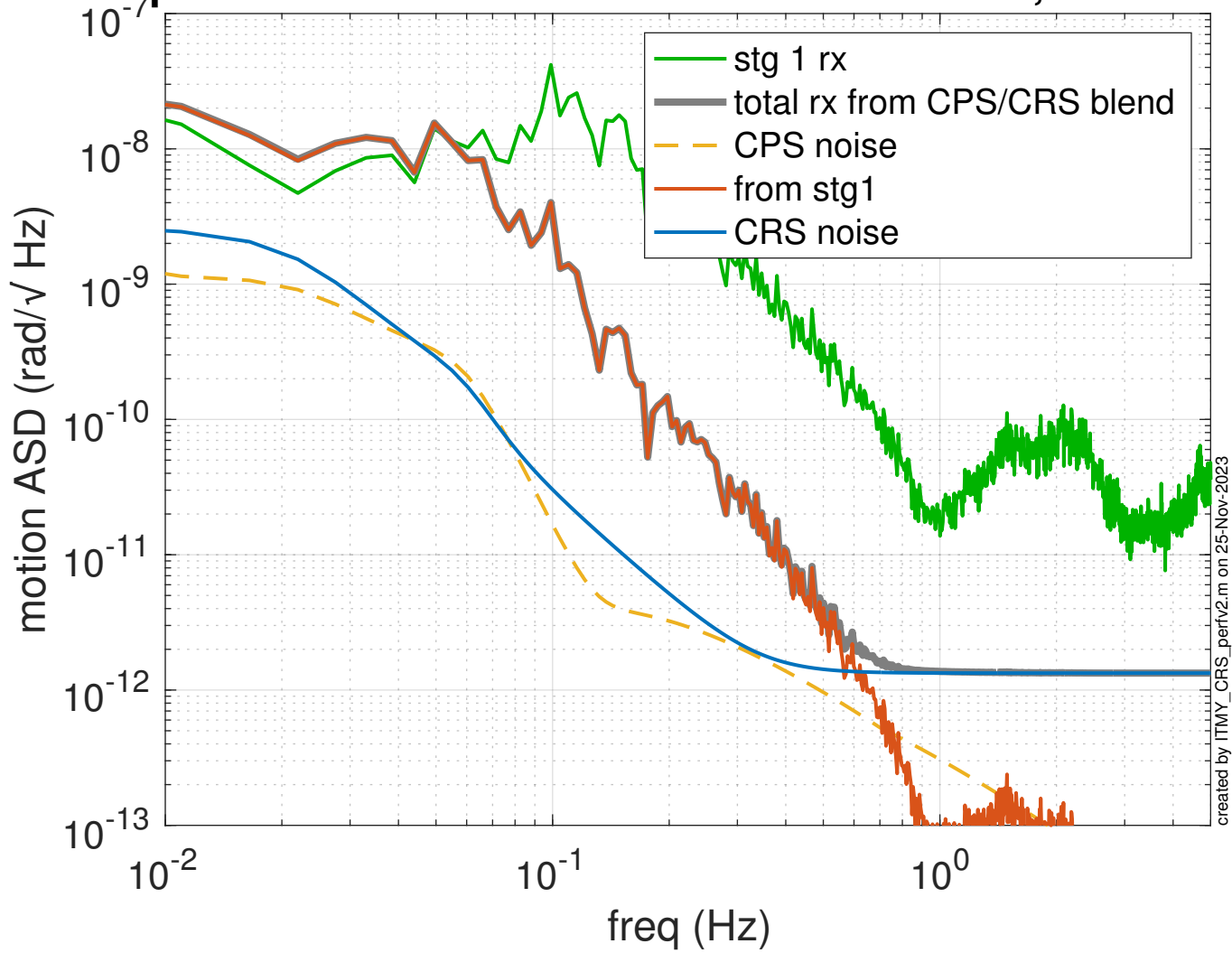
Micro-seismic band ground motion (0.1 Hz--0.3 Hz)



# Noise of tilt sensing, LLO-ITMY rX ON, t800-B high gain

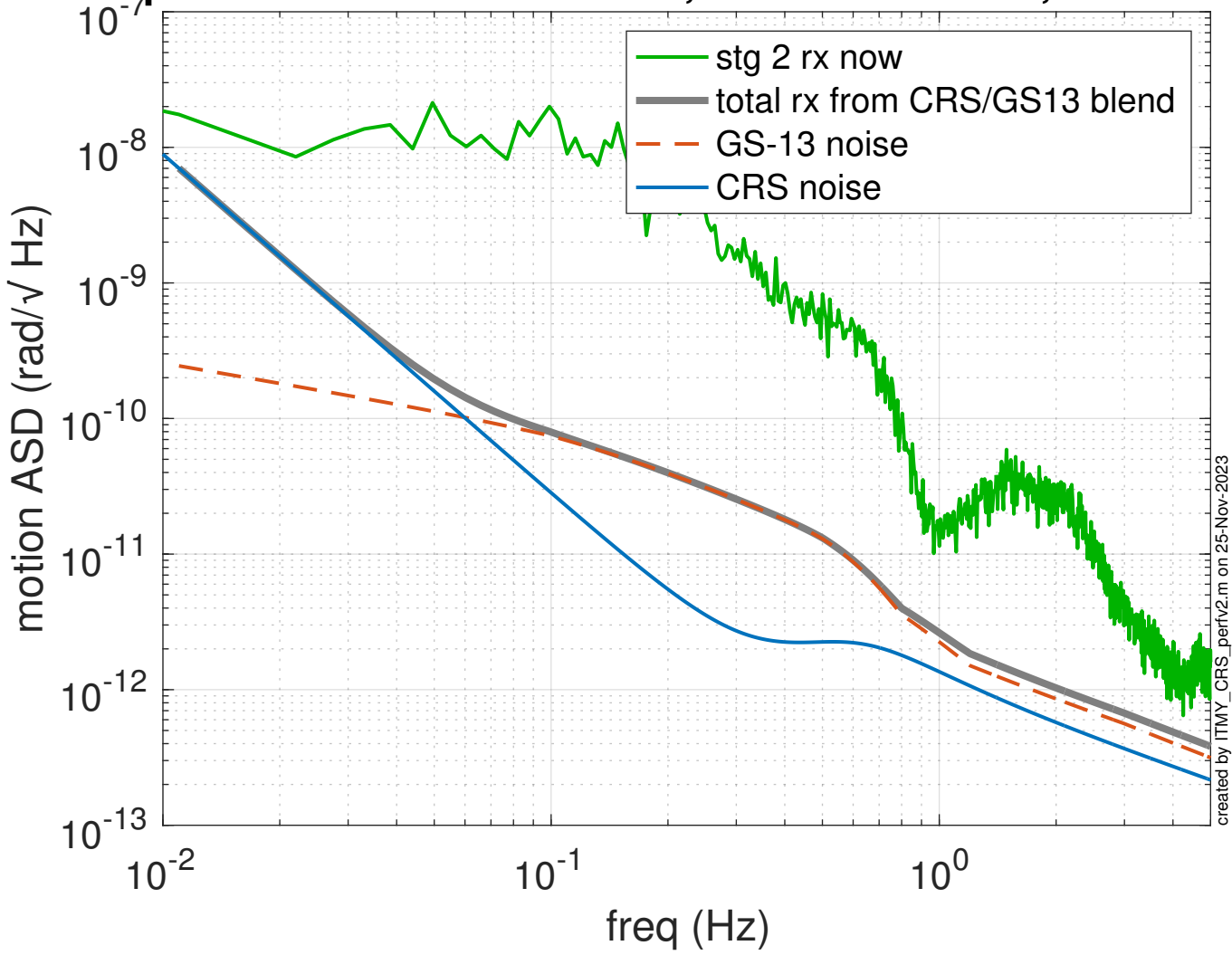


# noise impact of the CPS/CRS blend LLO-ITMY rX ON, t800-B high gain



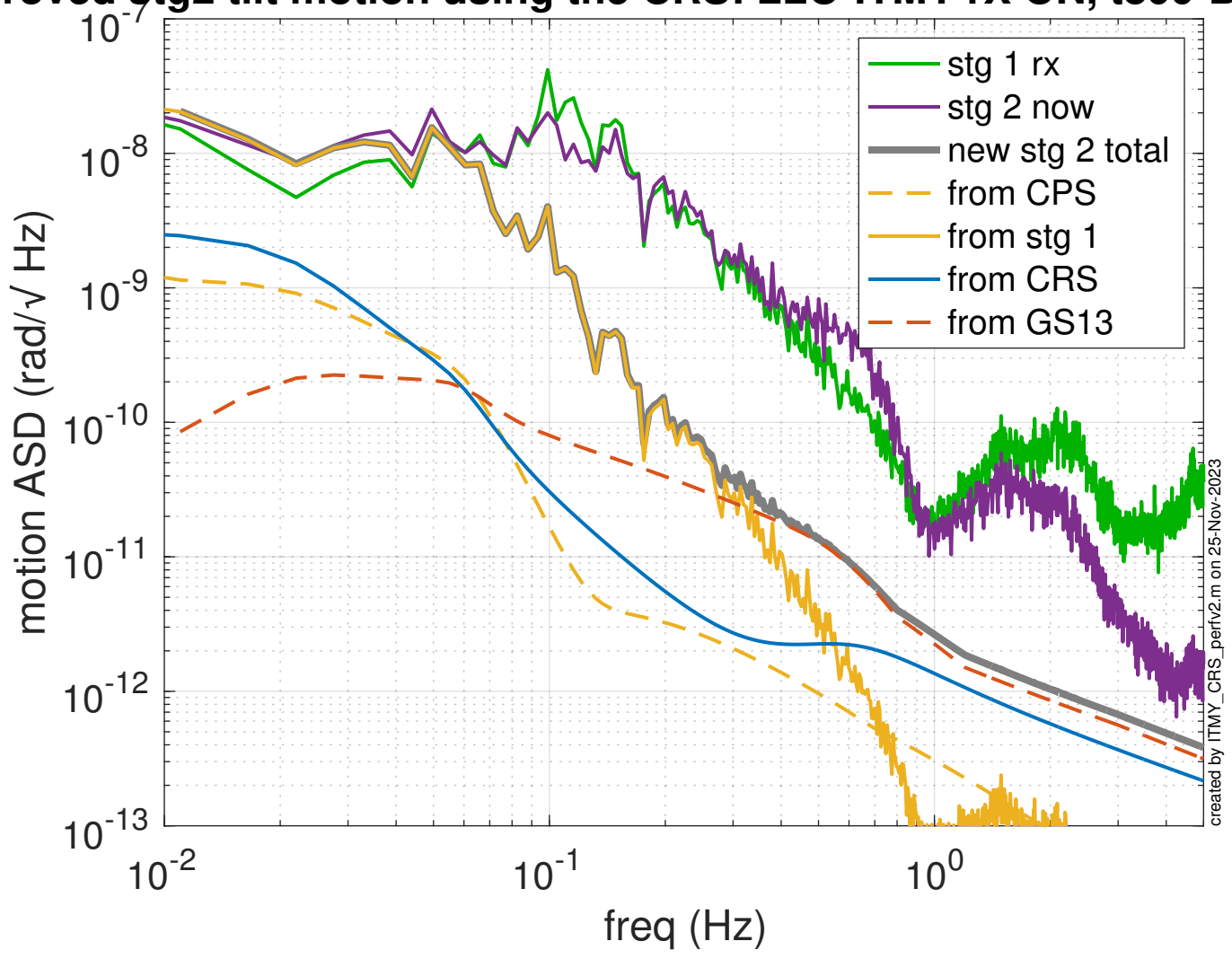
created by ITMY\_CRS\_perf v2.m on 25-Nov-2023

# Noise impact of the CPS/CRS blend, LLO-ITMY rX ON, t800-B high gain



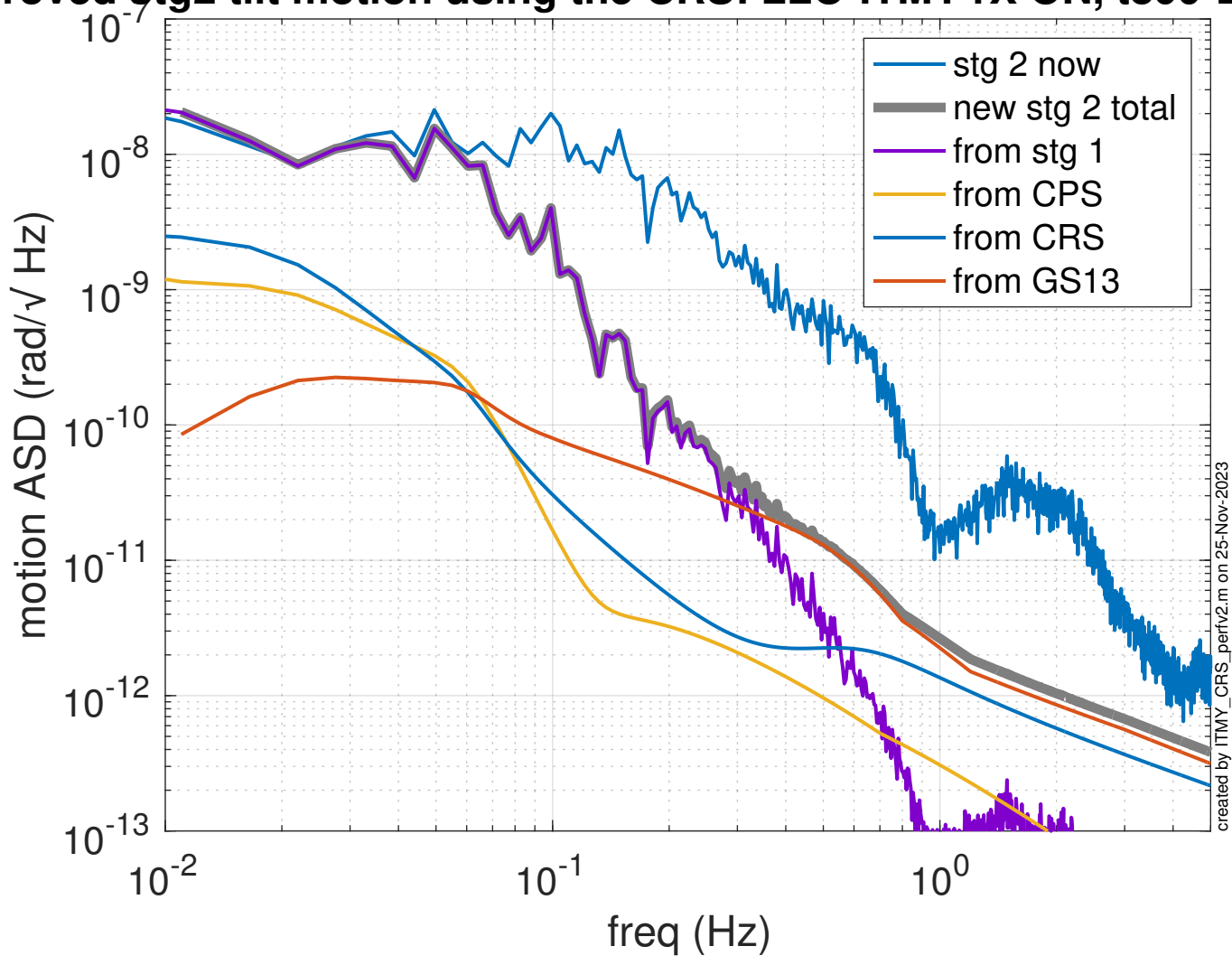
created by ITMY\_CRS\_perf v2.m on 25-Nov-2023

# Improved stg2 tilt motion using the CRS: LLO-ITMY rX ON, t800-B high ga



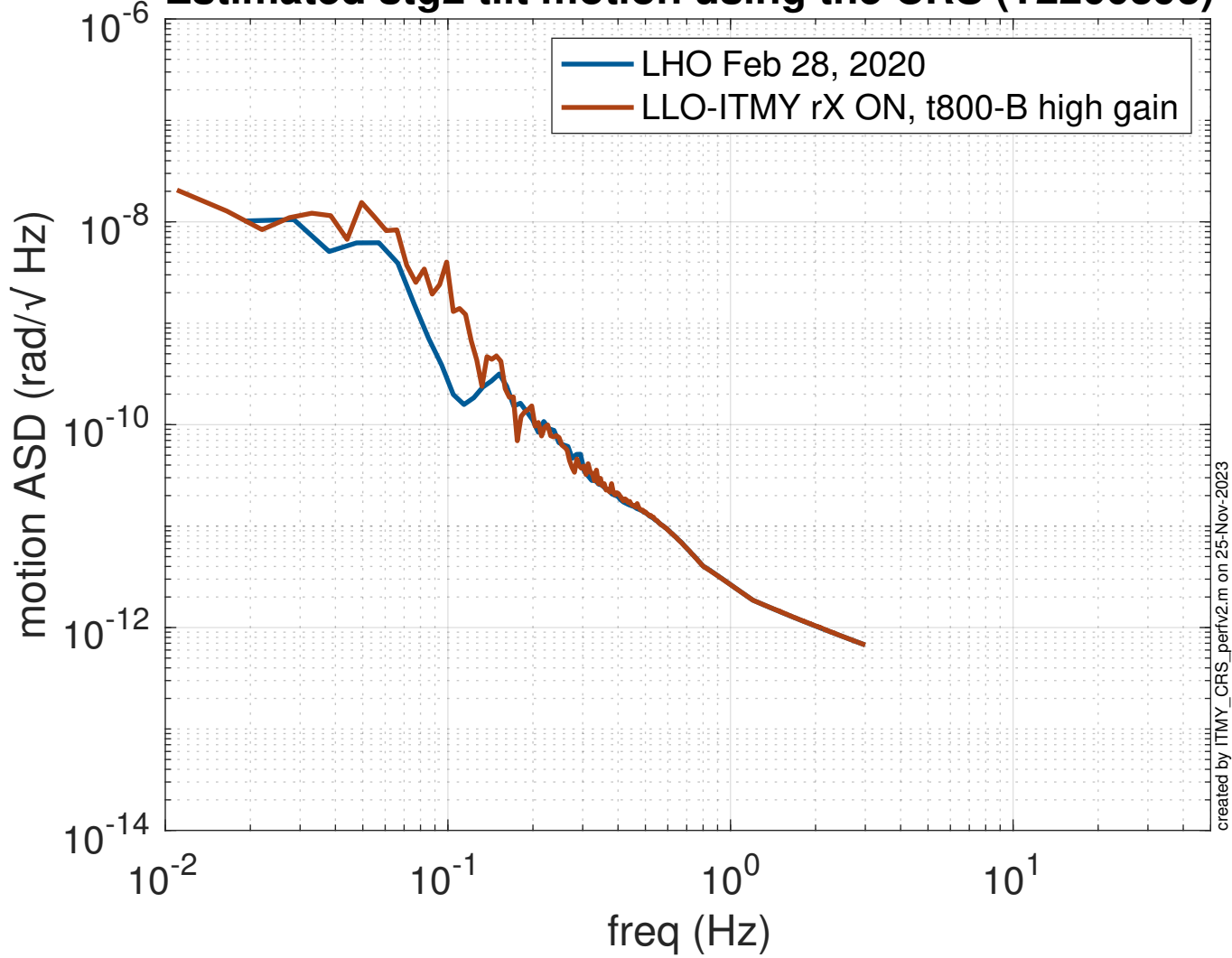
created by ITMY\_CRS\_perf v2.m on 25-Nov-2023

# Improved stg2 tilt motion using the CRS: LLO-ITMY rX ON, t800-B high ga



created by ITMY\_CRS\_perf v2.m on 25-Nov-2023

### Estimated stg2 tilt motion using the CRS (T2200393)



created by ITMY\_CRS\_perf12.m on 25-Nov-2023

### Estimated stg2 tilt motion using the CRS (T2200393)

