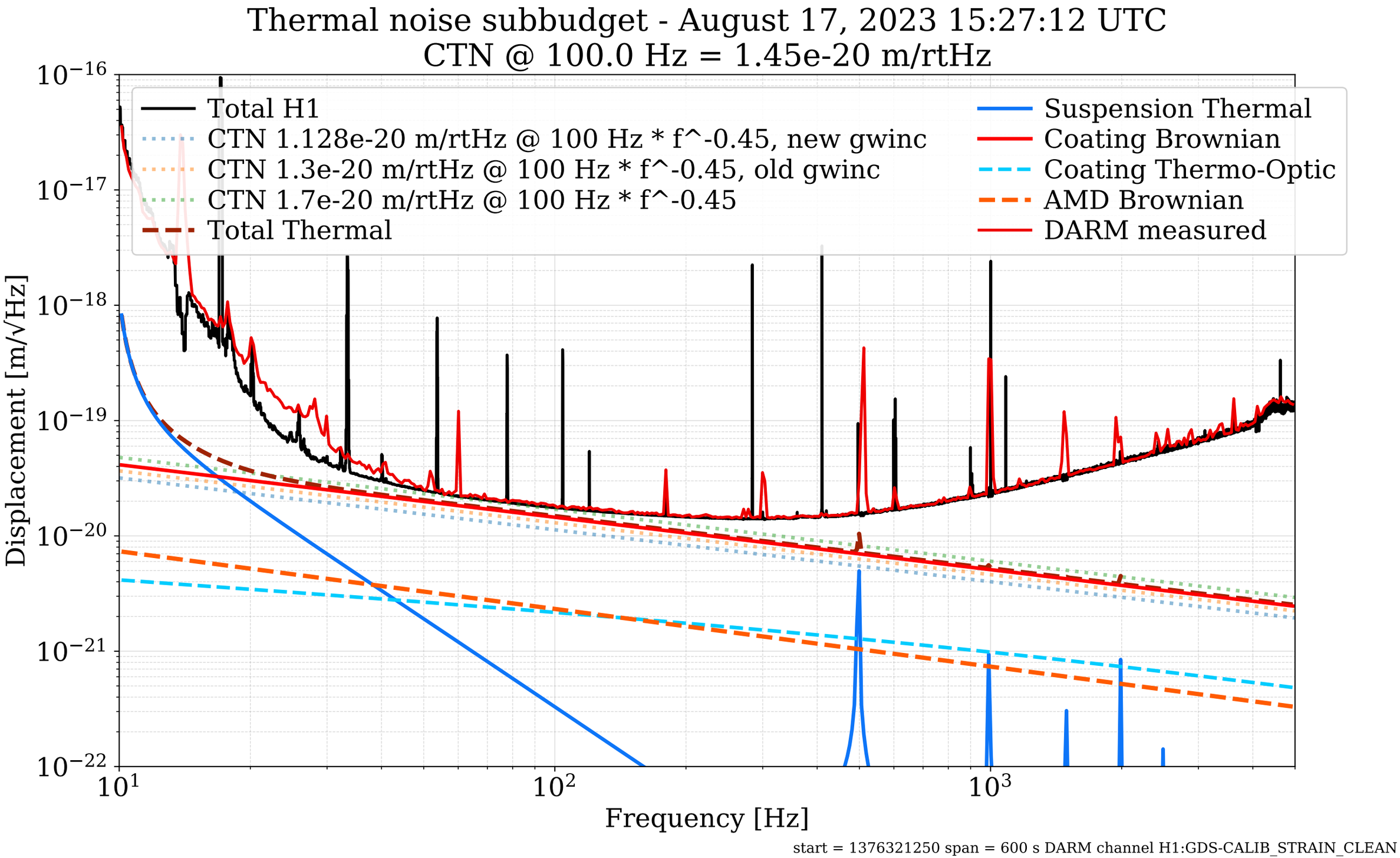
Thermal noise subbudget - August 17, 2023 15:27:12 UTC
CTN @ 100.0 Hz = 1.45e-20 m/rtHz
Total H1
CTN 1.128e-20 m/rtHz @ 100 Hz * f^-0.45, new gwinc
CTN 1.3e-20 m/rtHz @ 100 Hz * f^-0.45, old gwinc
CTN 1.7e-20 m/rtHz @ 100 Hz * f^-0.45
Total Thermal
Suspension Thermal
Coating Brownian
Coating Thermo-Optic
AMD Brownian
DARM measured
Displacement [m/√Hz]
Frequency [Hz]
start = 1376321250 span = 600 s DARM channel H1:GDS-CALIB_STRAIN_CLEAN