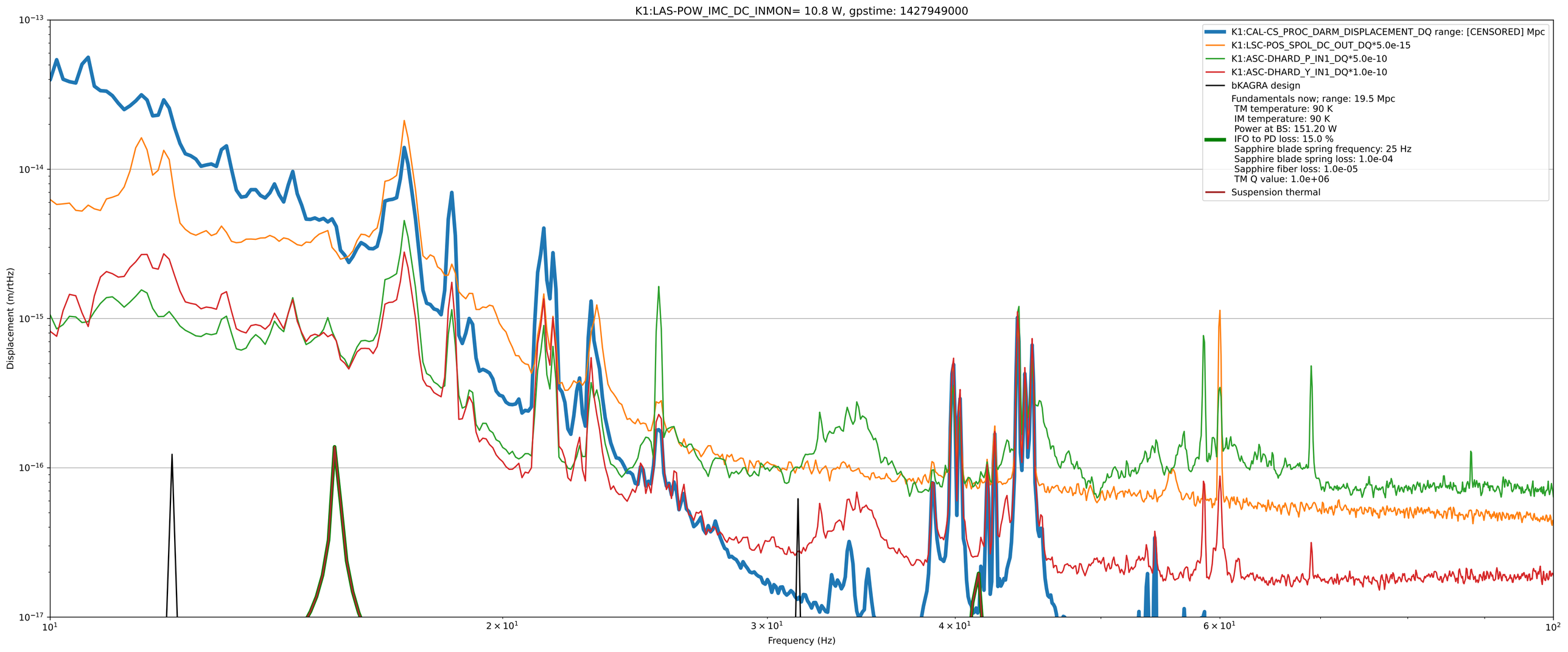
K1:LAS-POW_IMC_DC_INMON= 10.8 W, gpstime: 1427949000
K1:CAL-CS_PROC_DARM_DISPLACEMENT_DQ range: [CENSORED] Mpc
K1:LSC-POS_SPOL_DC_OUT_DQ*5.0e-15
K1:ASC-DHARD_P_IN1_DQ*5.0e-10
K1:ASC-DHARD_Y_IN1_DQ*1.0e-10
bKAGRA design
Fundamentals now; range: 19.5 Mpc
TM temperature: 90 K
IM temperature: 90 K
Power at BS: 151.20 W
IFO to PD loss: 15.0 %
Sapphire blade spring frequency: 25 Hz
Sapphire blade spring loss: 1.0e-04
Sapphire fiber loss: 1.0e-05
TM Q value: 1.0e+06
Suspension thermal
Displacement (m/rtHz)
Frequency (Hz)
10^{-13}
10^{-14}
10^{-15}
10^{-16}
10^{-17}
10^{1}
2×10^{1}
3×10^{1}
4×10^{1}
6×10^{1}
10^{2}