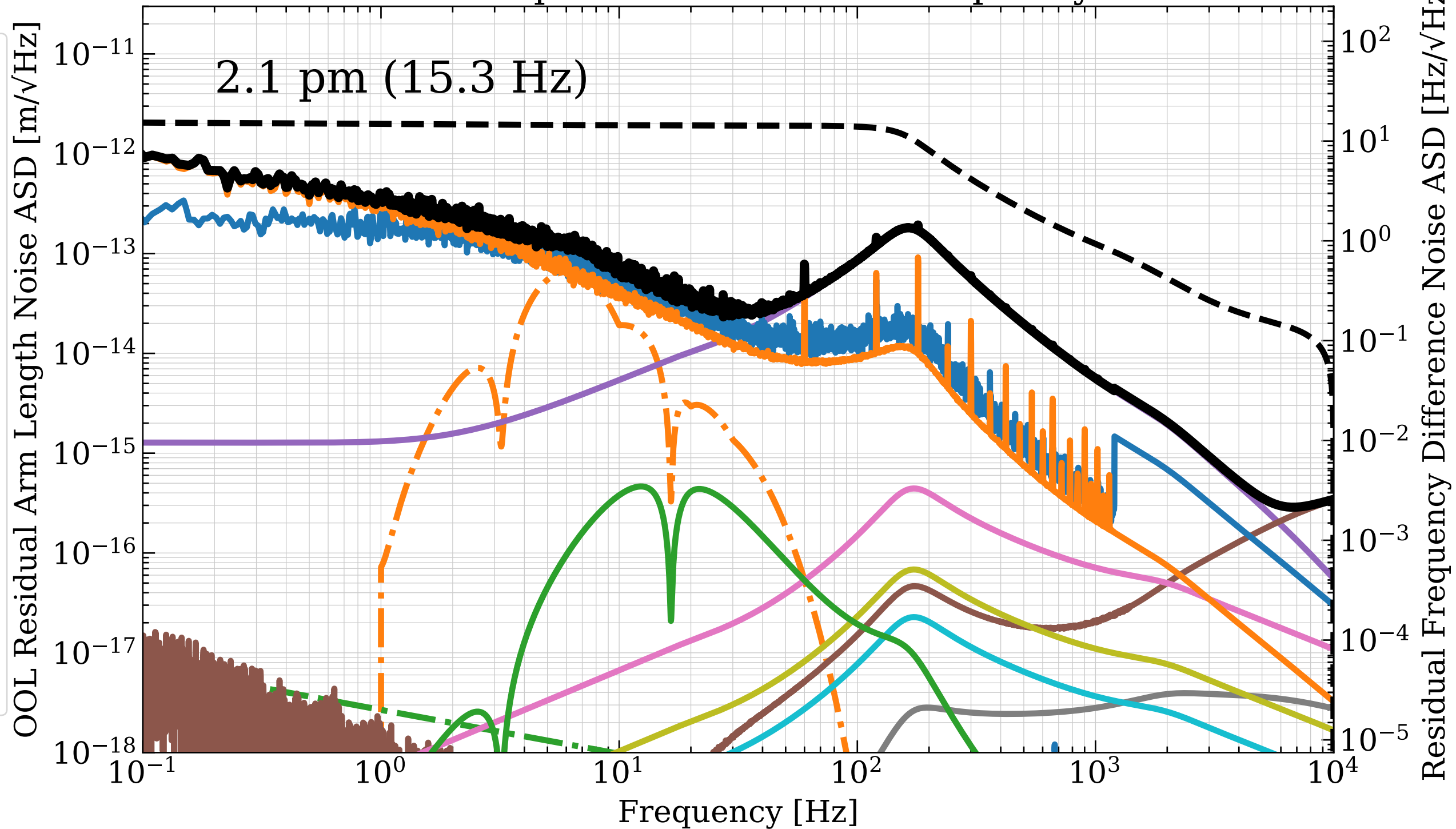


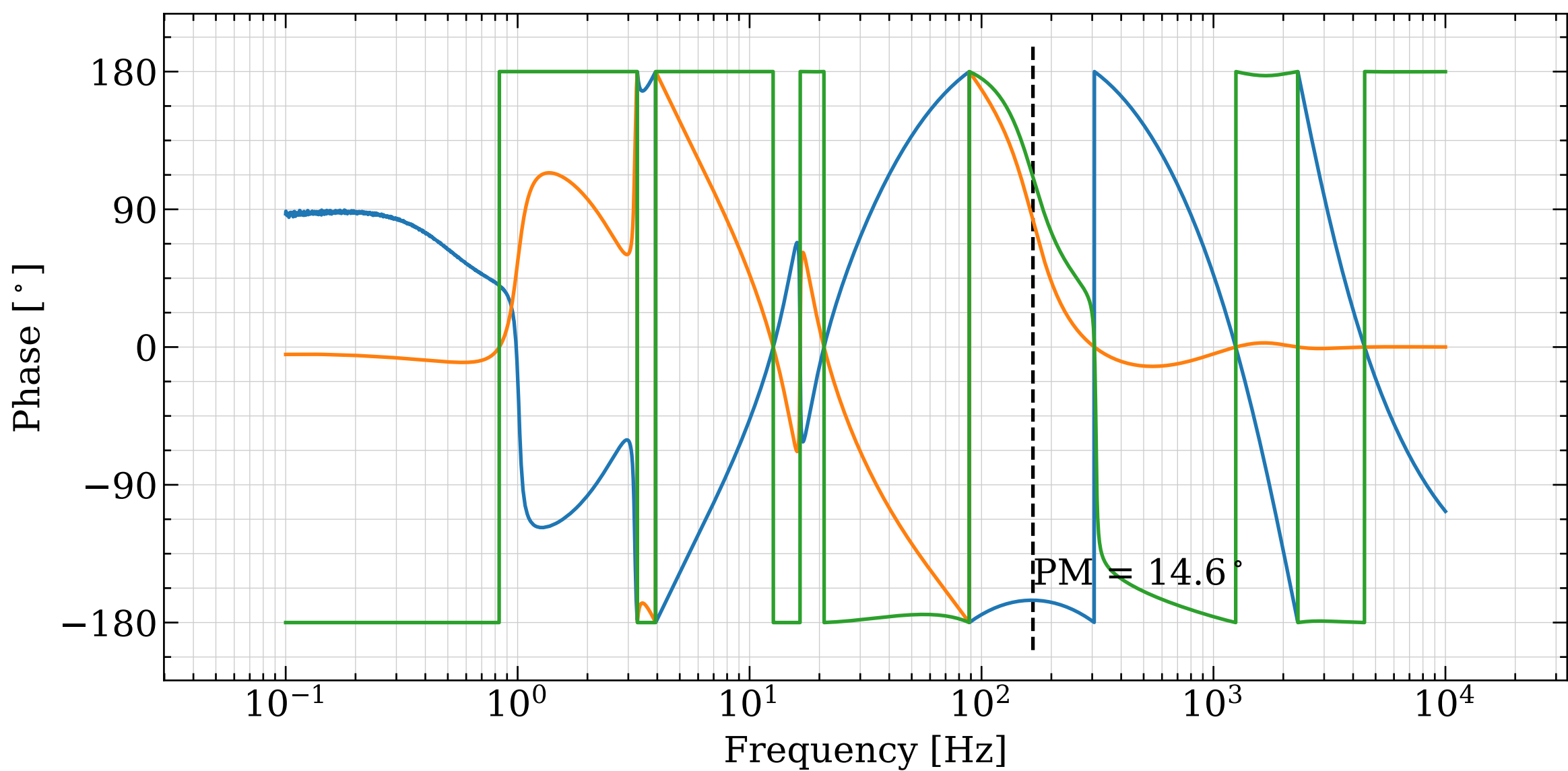
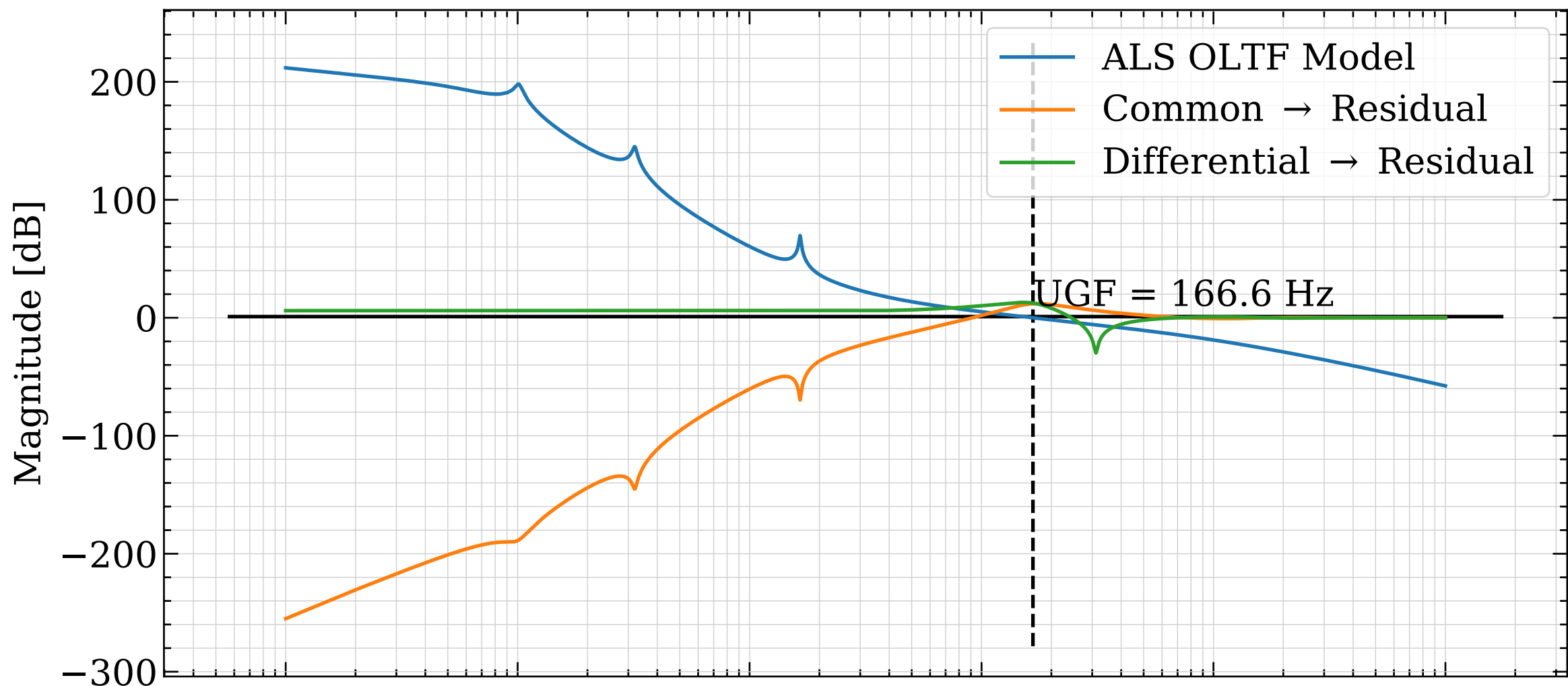
ALS noise budget

Out-of-loop (OOL) Residual Arm Length Motion with respect to Main Laser Frequency

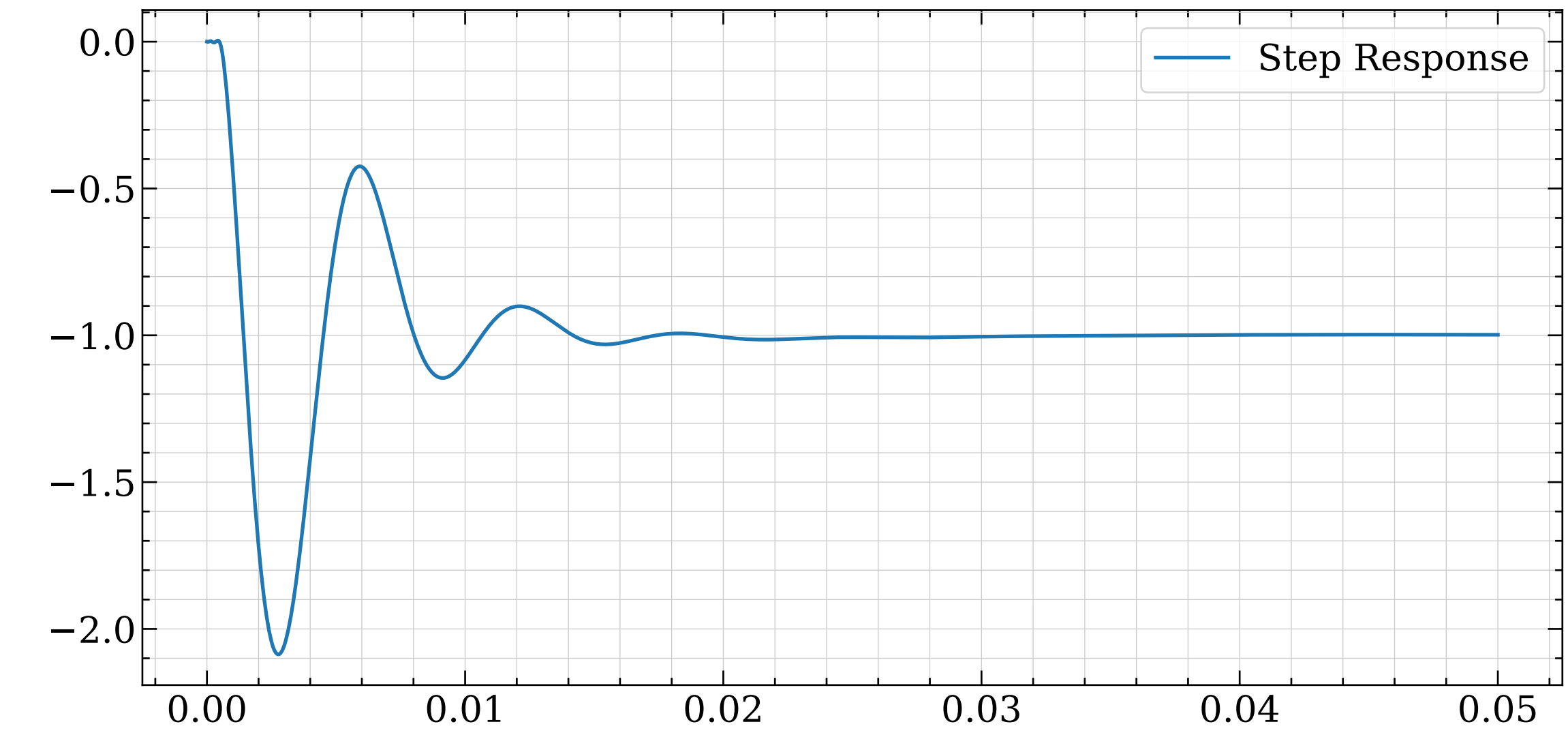
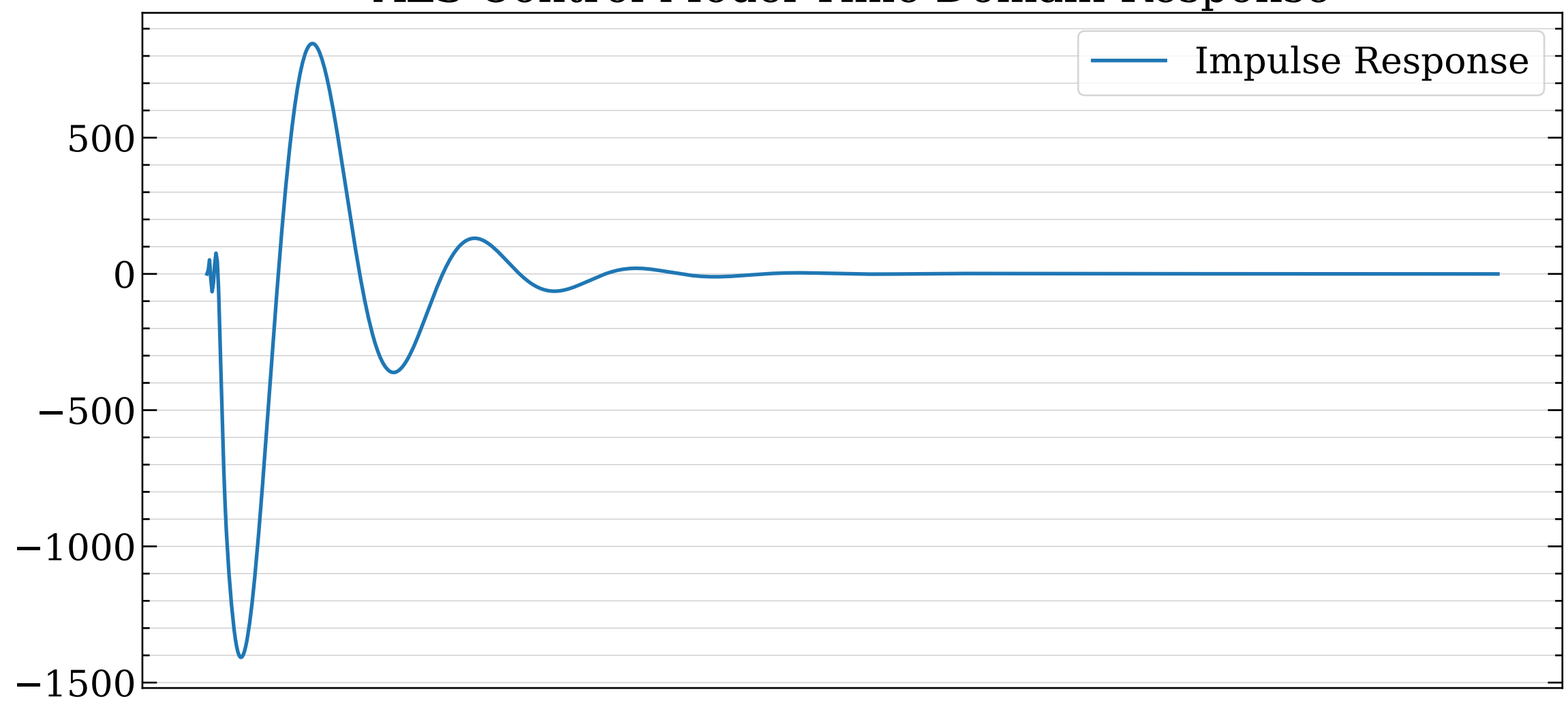
- Suspension Thermal
- Seismic
- Coatings Brownian
- Coatings ThermoOptic
- AUX Res. Freq.
- PSL Res. Freq.
- SHG PSL
- SHG AUX
- Beat PD Dark
- Beat PD Shot
- DFD
- ADC
- DAC
- Total
- - RMS



ALS Control Model Transfer Functions



ALS Control Model Time Domain Response



AUX PDH Open Loop Transfer Function (ALS not engaged)

