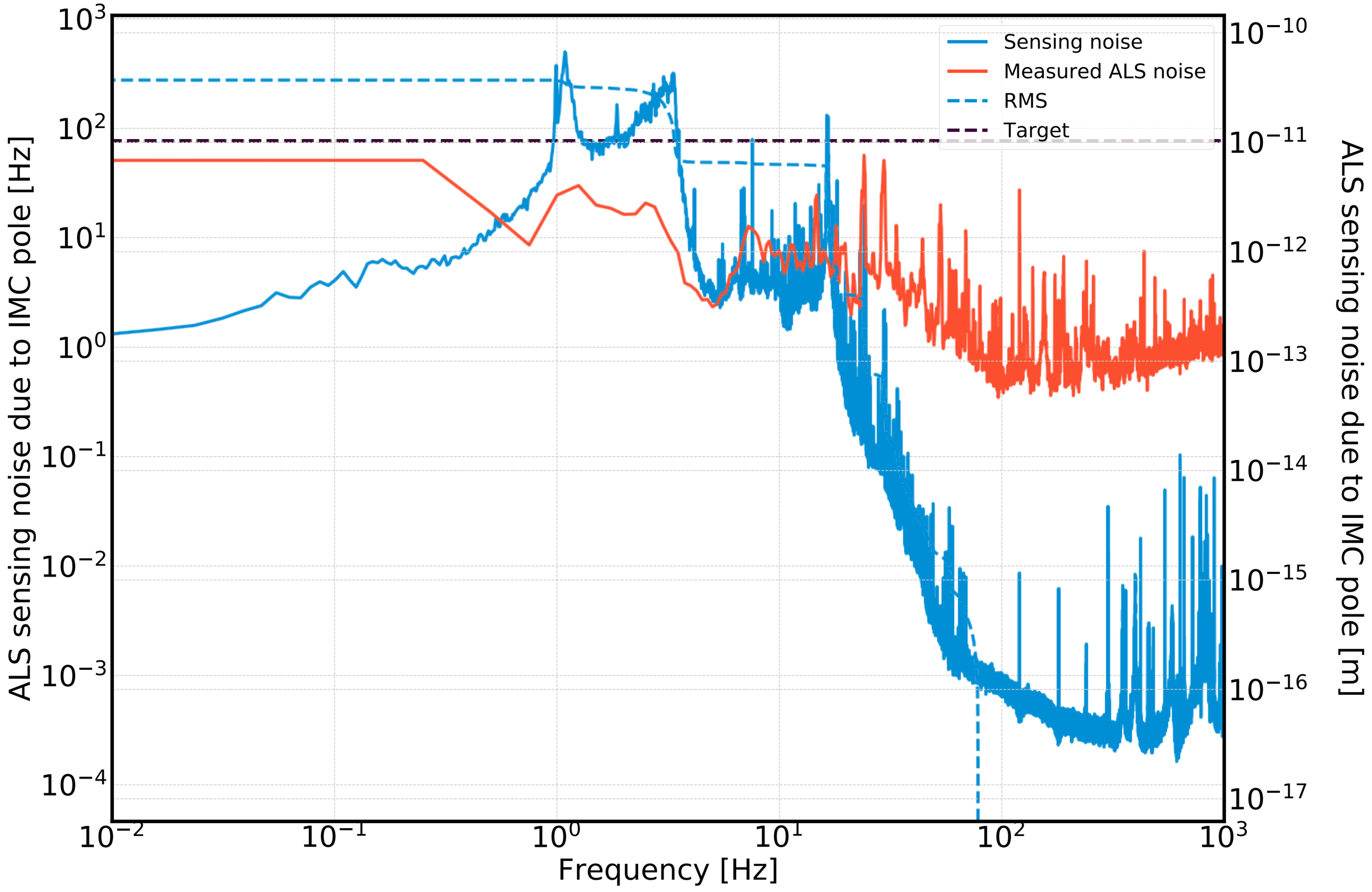
Sensing noise
Measured ALS noise
RMS
Target
ALS sensing noise due to IMC pole [Hz]
ALS sensing noise due to IMC pole [m]
Frequency [Hz]
10^{3}
10^{2}
10^{1}
10^{0}
10^{-1}
10^{-2}
10^{-3}
10^{-4}
10^{-10}
10^{-11}
10^{-12}
10^{-13}
10^{-14}
10^{-15}
10^{-16}
10^{-17}
10^{-2}
10^{-1}
10^{0}
10^{1}
10^{2}
10^{3}