

Filter Wizard Design Report

Filter Requirements for Low-Pass, 8th order Butterworth Bessel 0.10

Specifications: Optimize for Specific Components, +Vs= 15, -Vs= -15

Gain: 12 dB

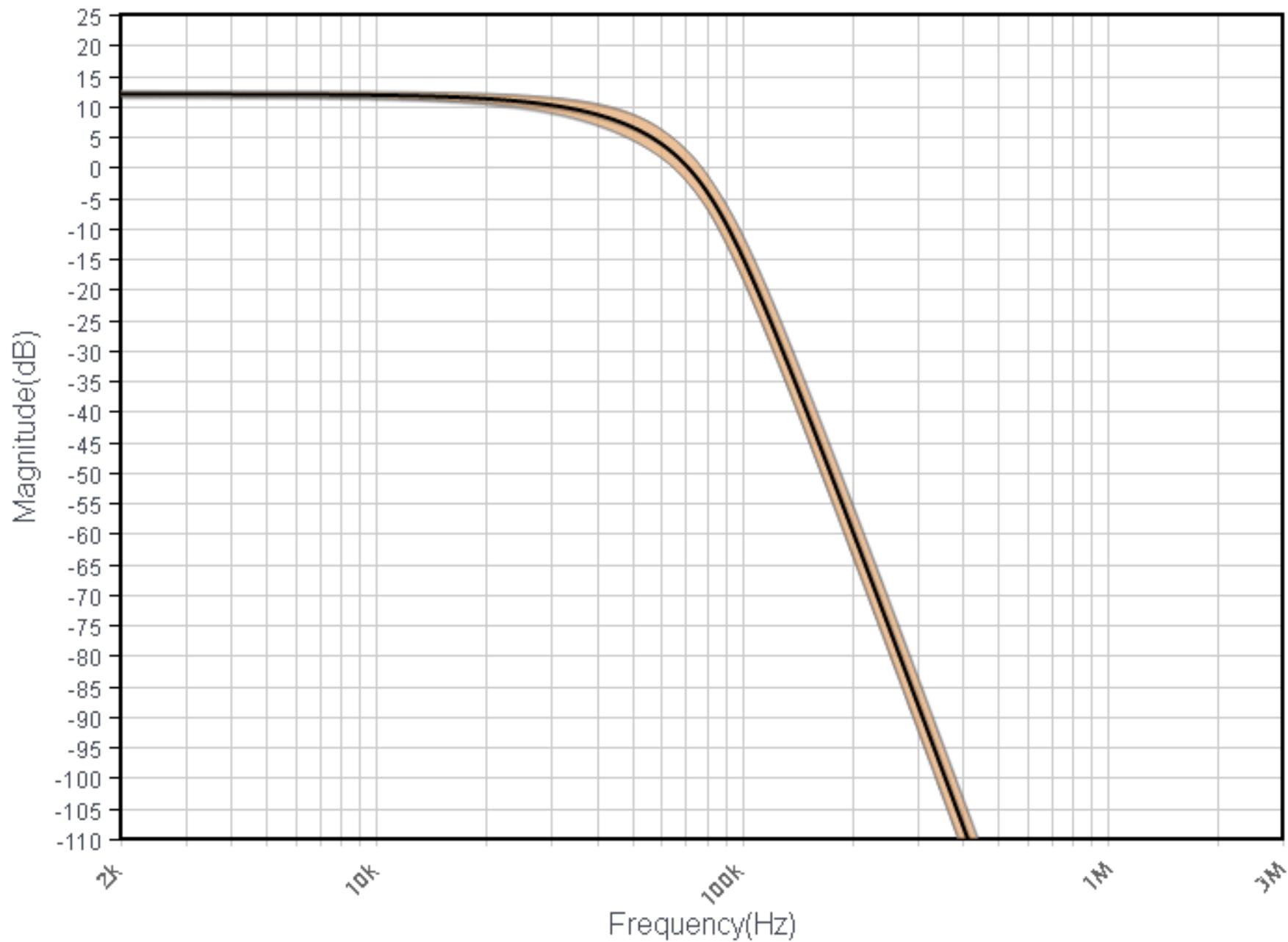
Passband: -800mdB at 20kHz

Stopband: -100dB at 300kHz

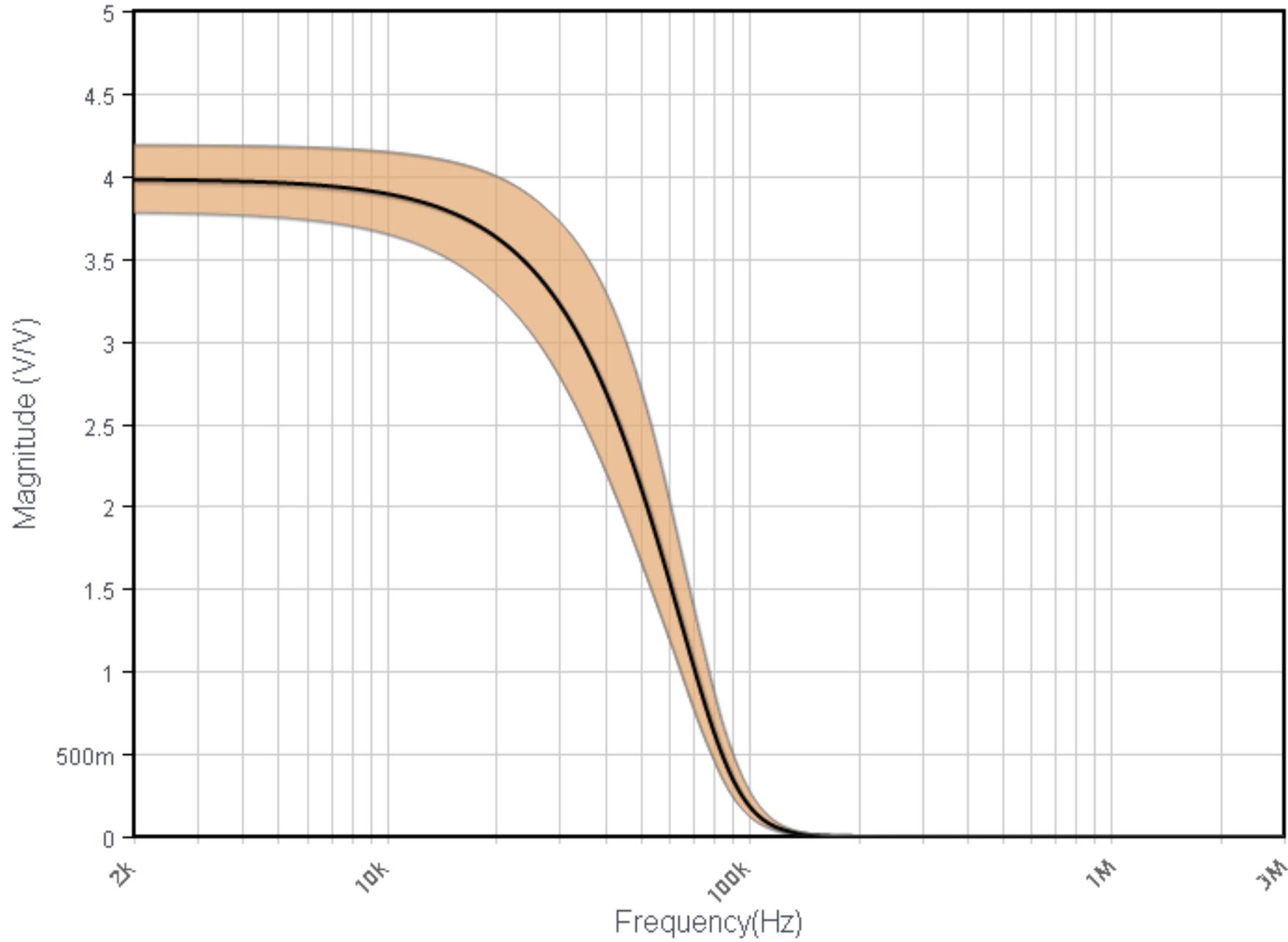
Component Tolerances: Capacitor = 5%; Resistor = 1%; Inductor = 5%; Op Amp GBW = 20%

BOM: refer to BOM.csv file

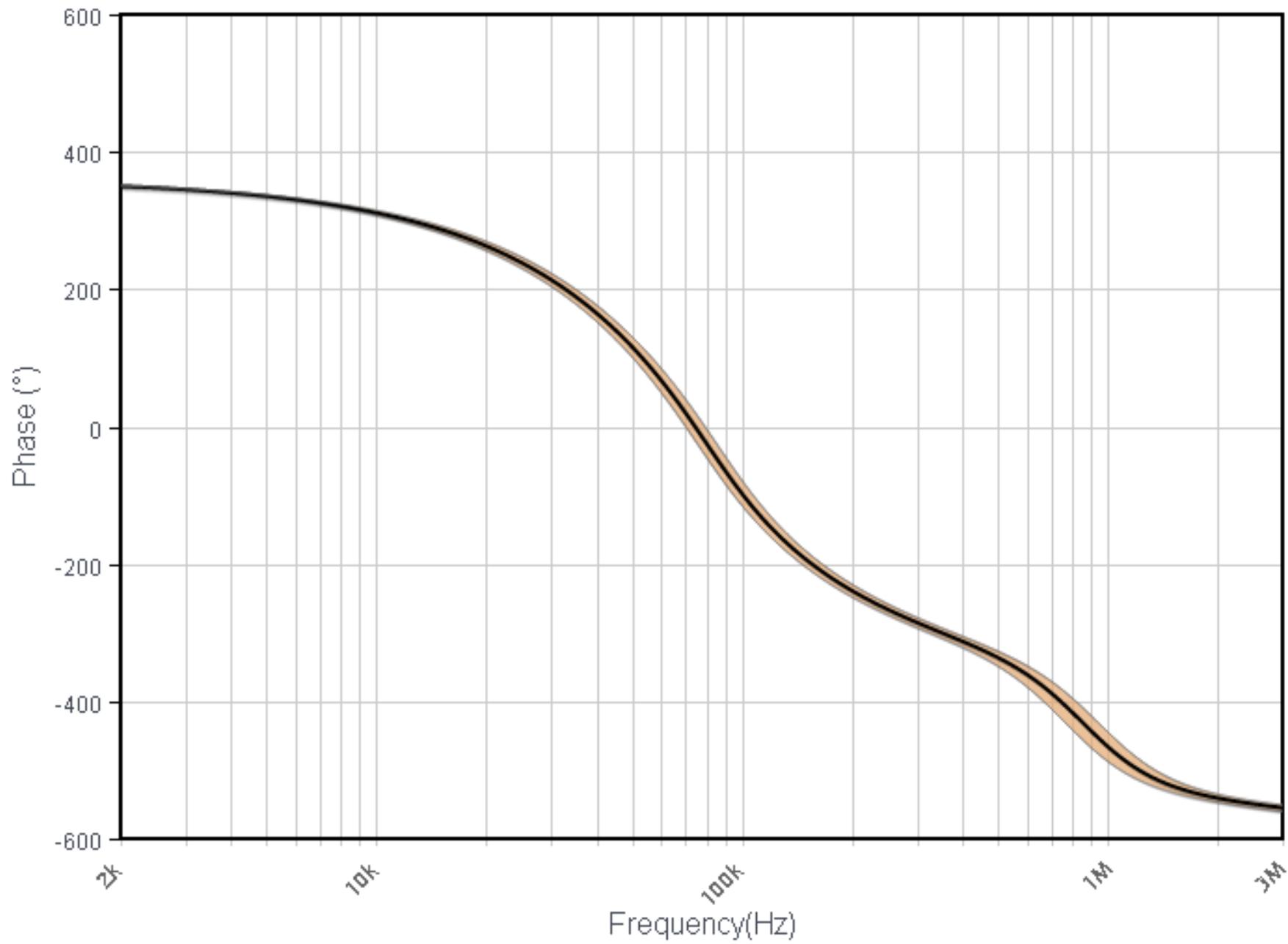
Magnitude(dB)



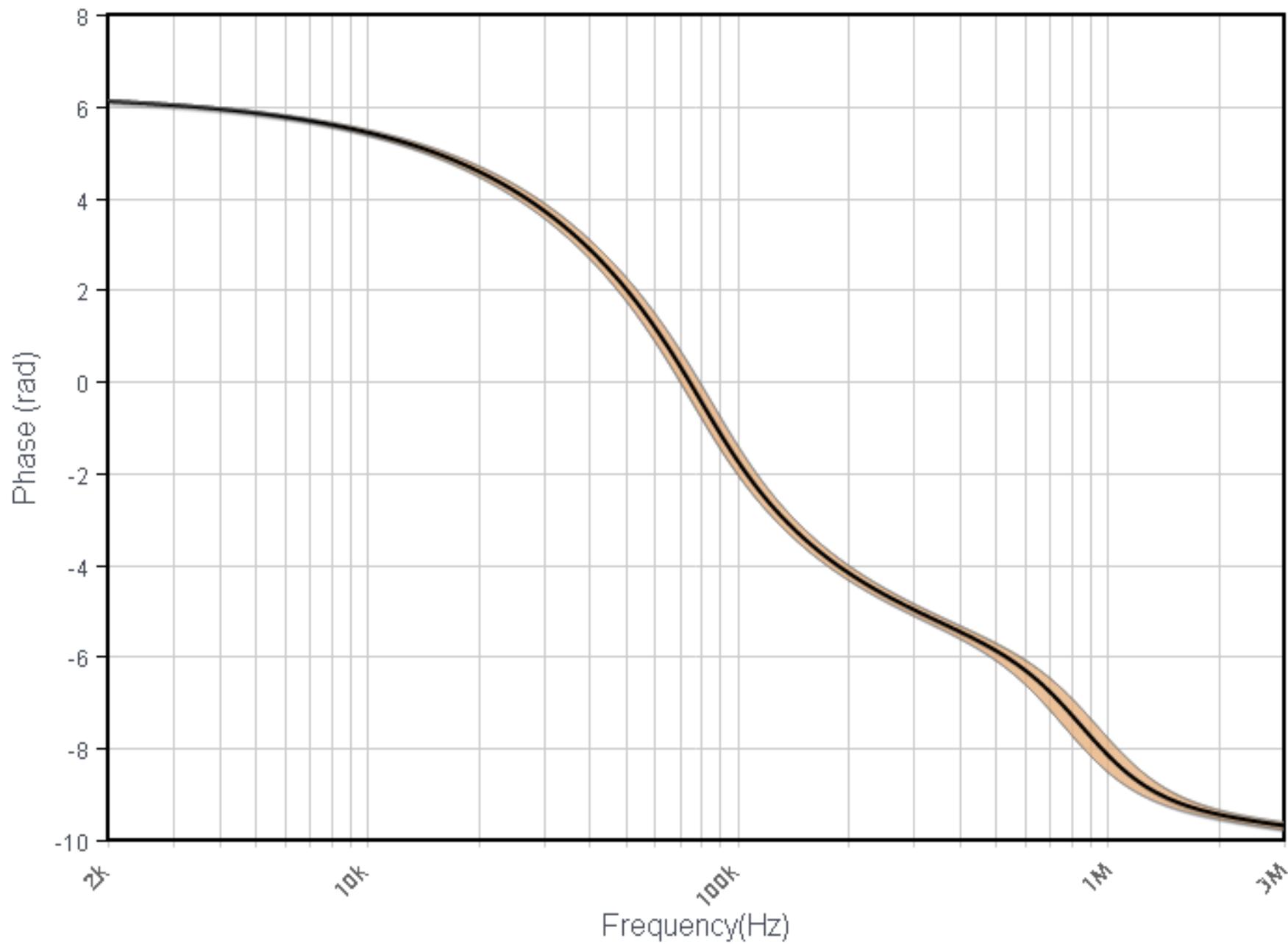
Magnitude(Volts per Volt)



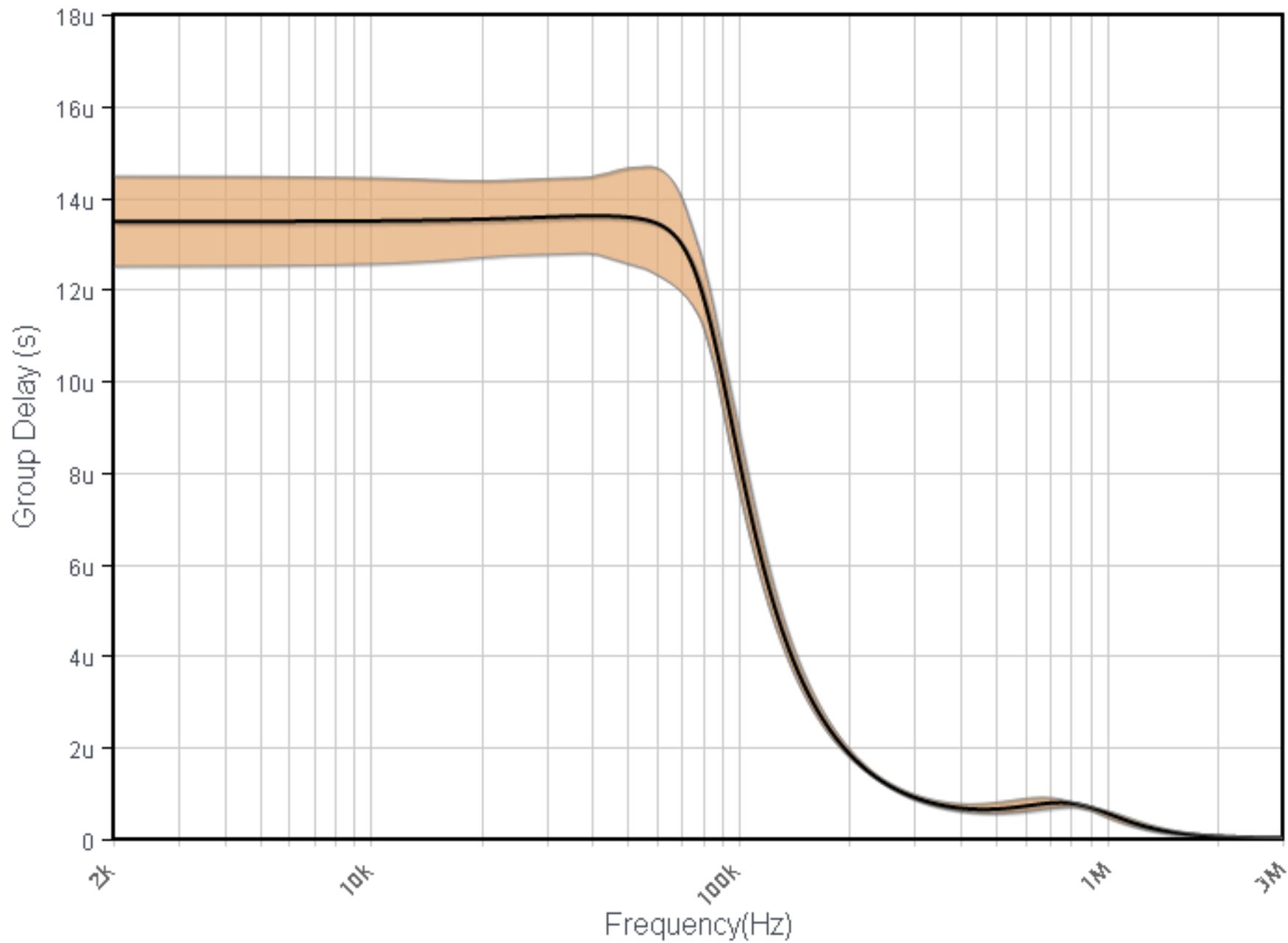
Phase(degrees)



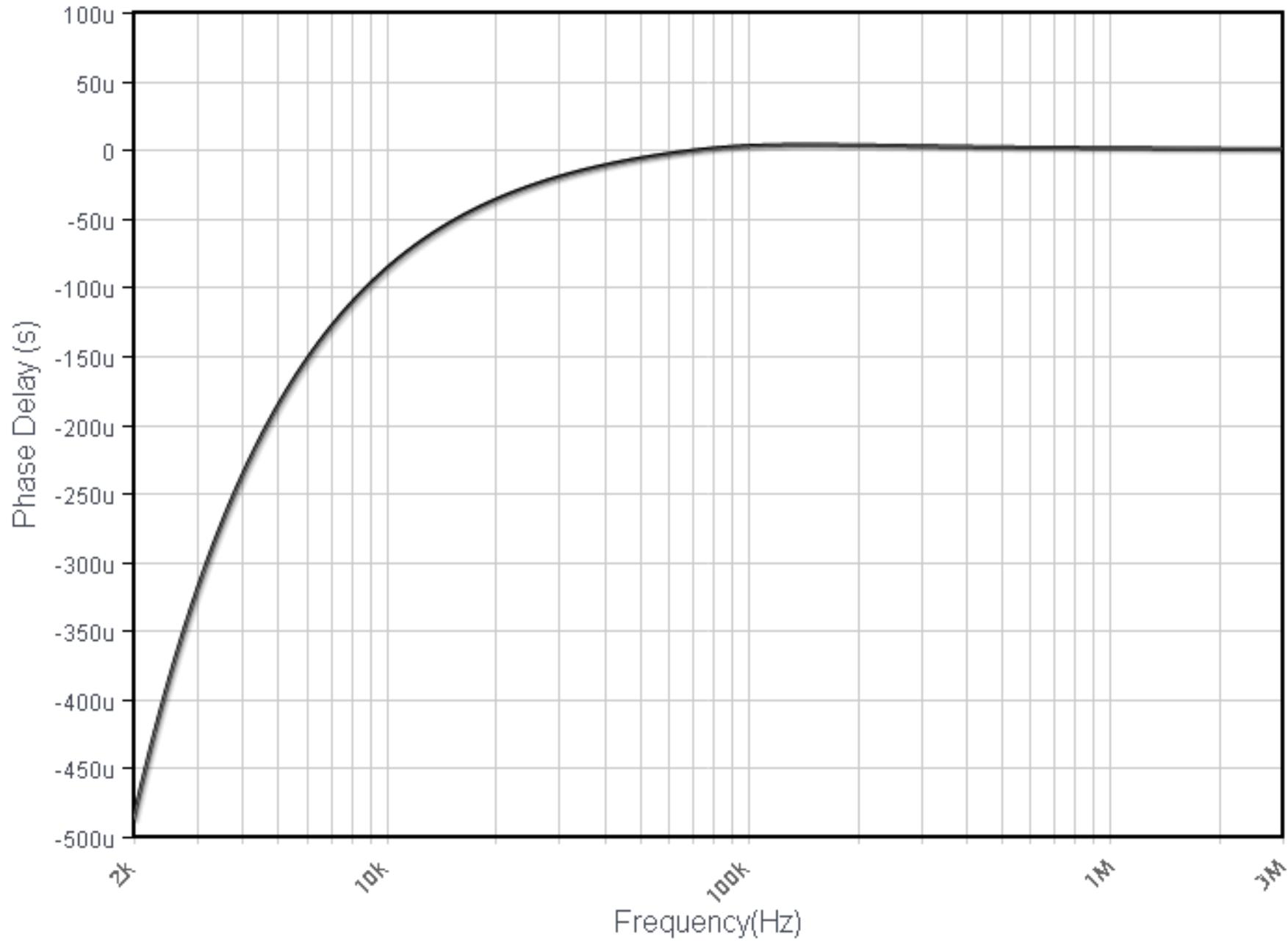
Phase(radians)



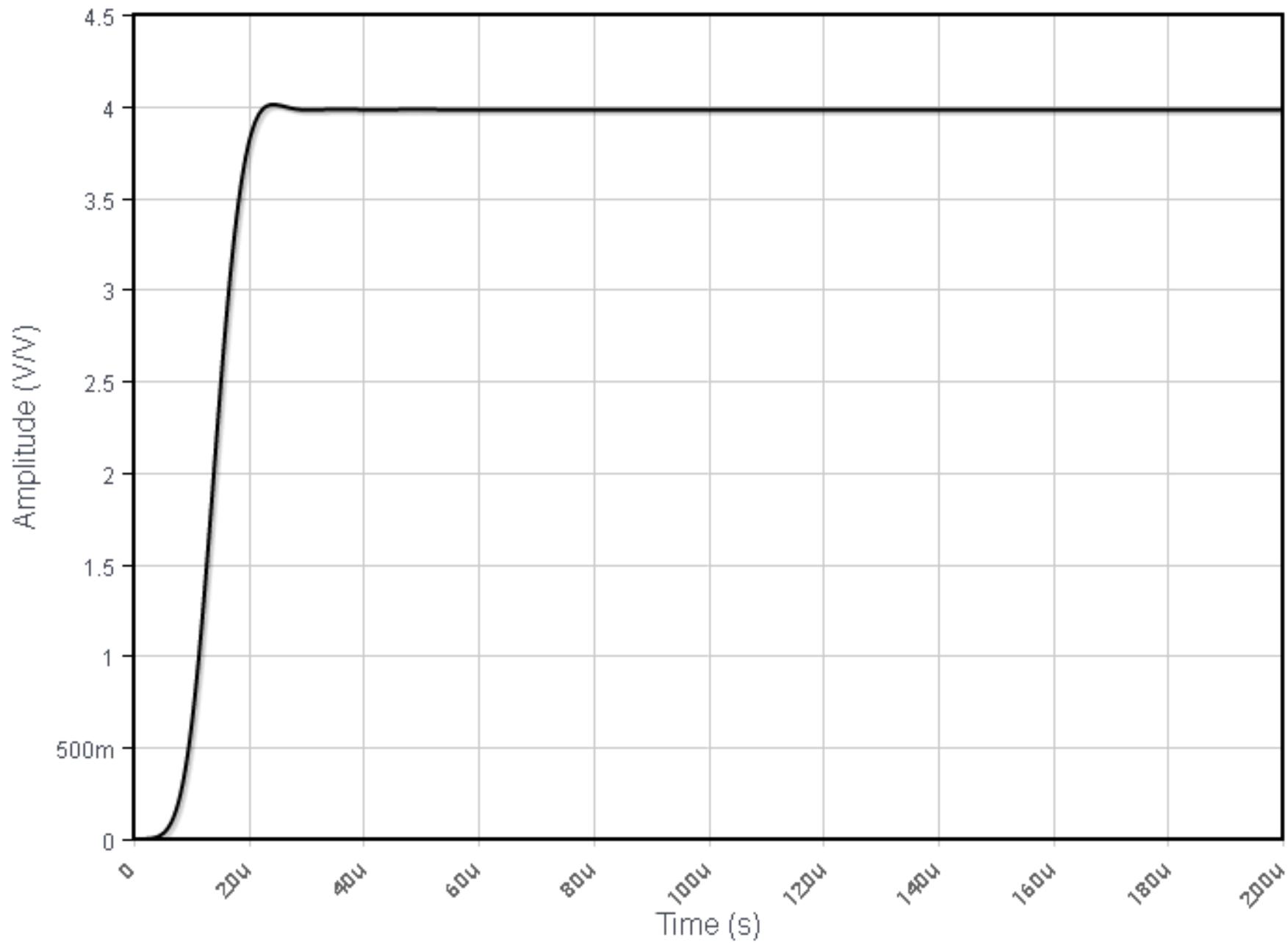
Group Delay



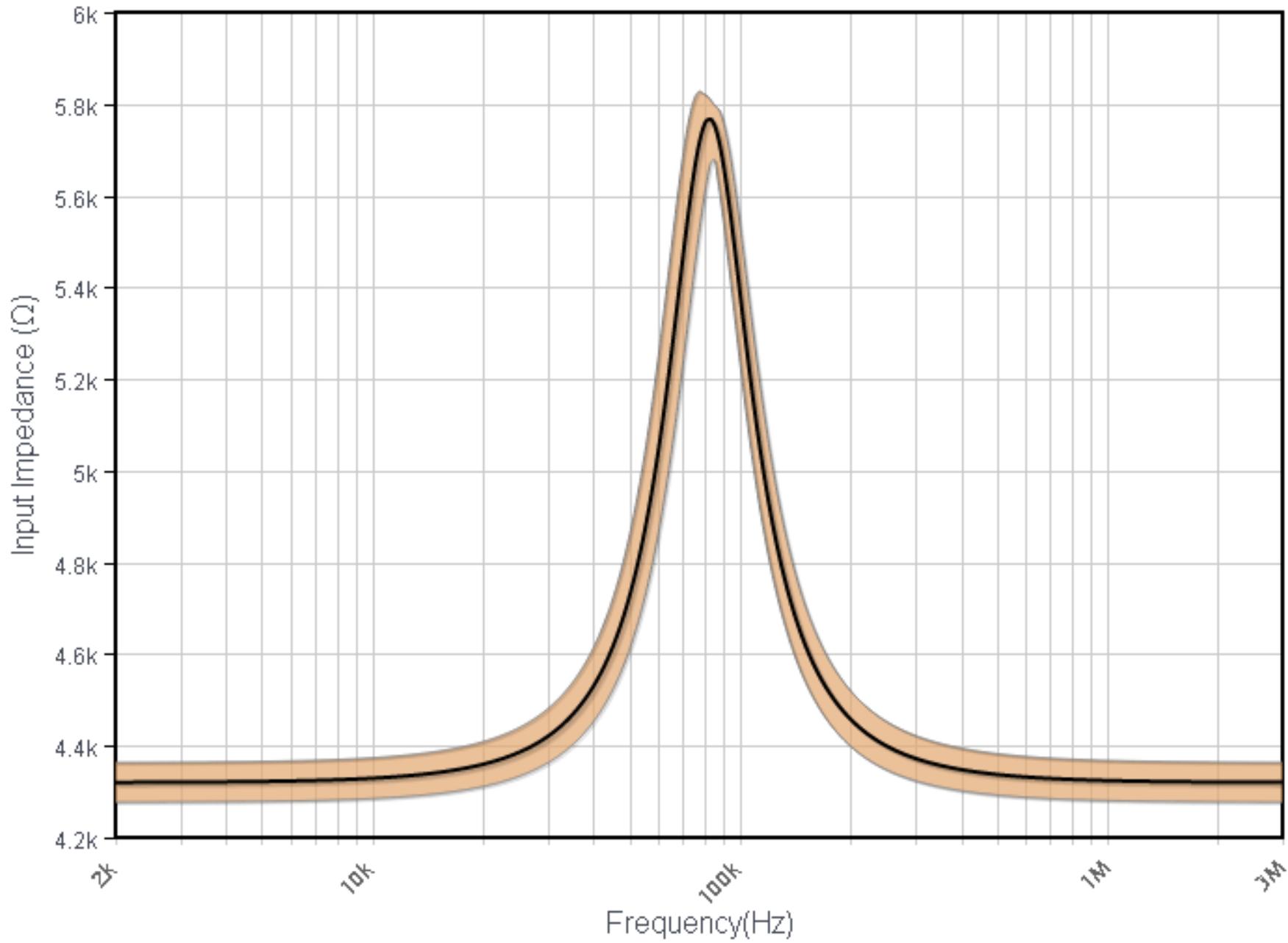
Phase Delay



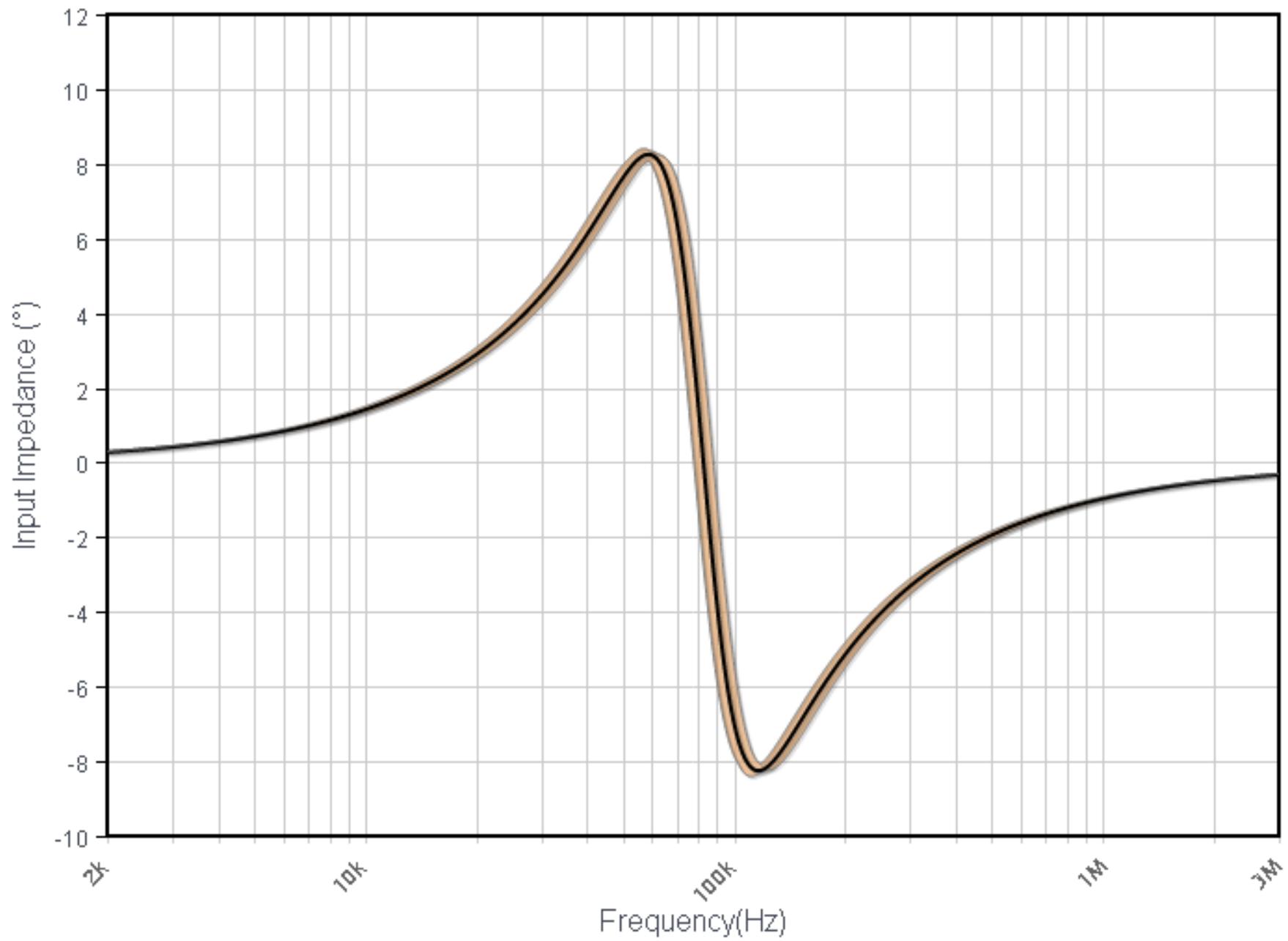
Step Response



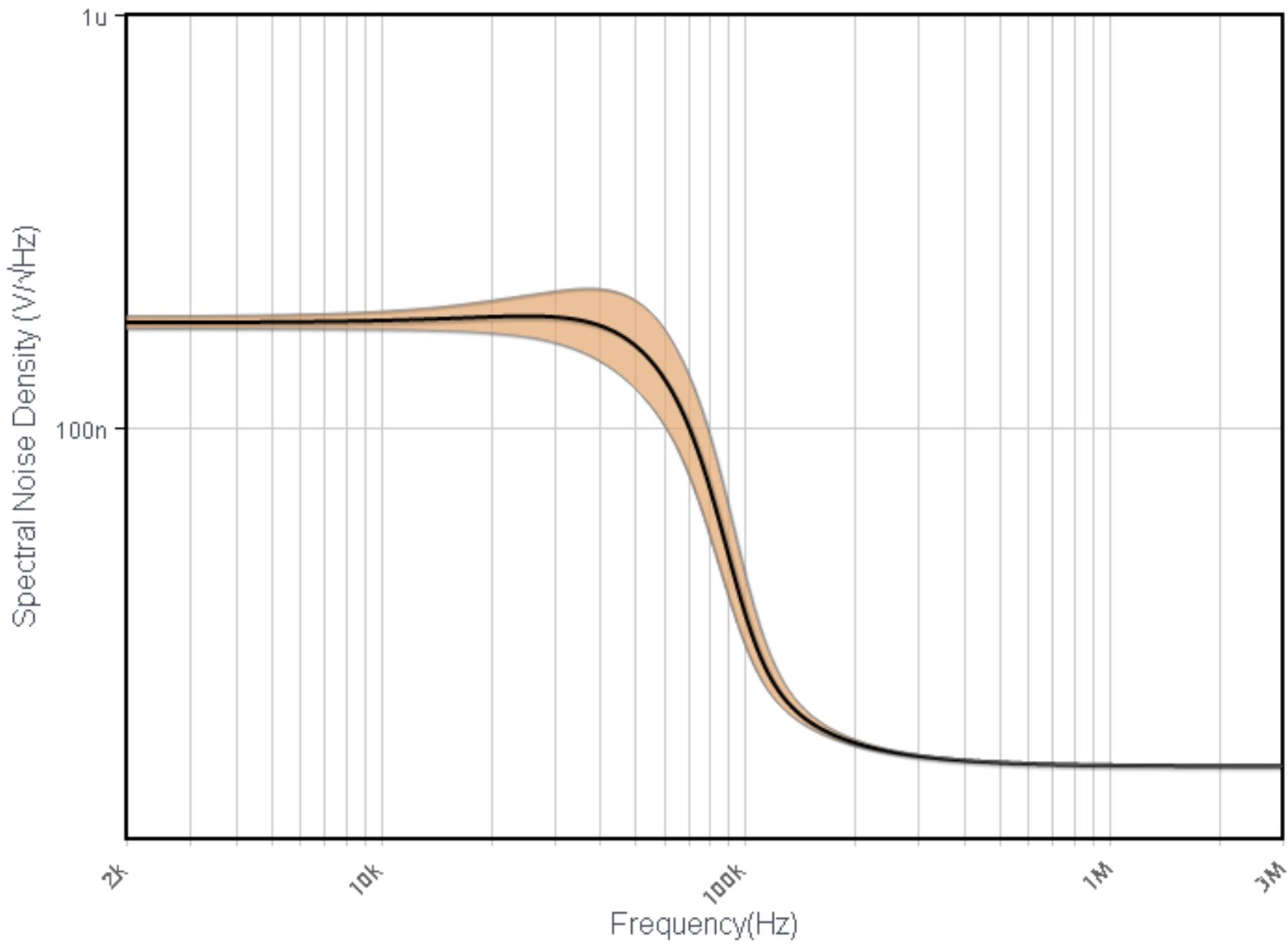
Input Impedance Magnitude



Input Impedance Phase



Noise



Circuit

