

## Filter Wizard Design Report

Filter Requirements for Low-Pass, 8th order Chebyshev 0.65 dB

Specifications: Optimize for Specific Components, +Vs= 5, -Vs= -5

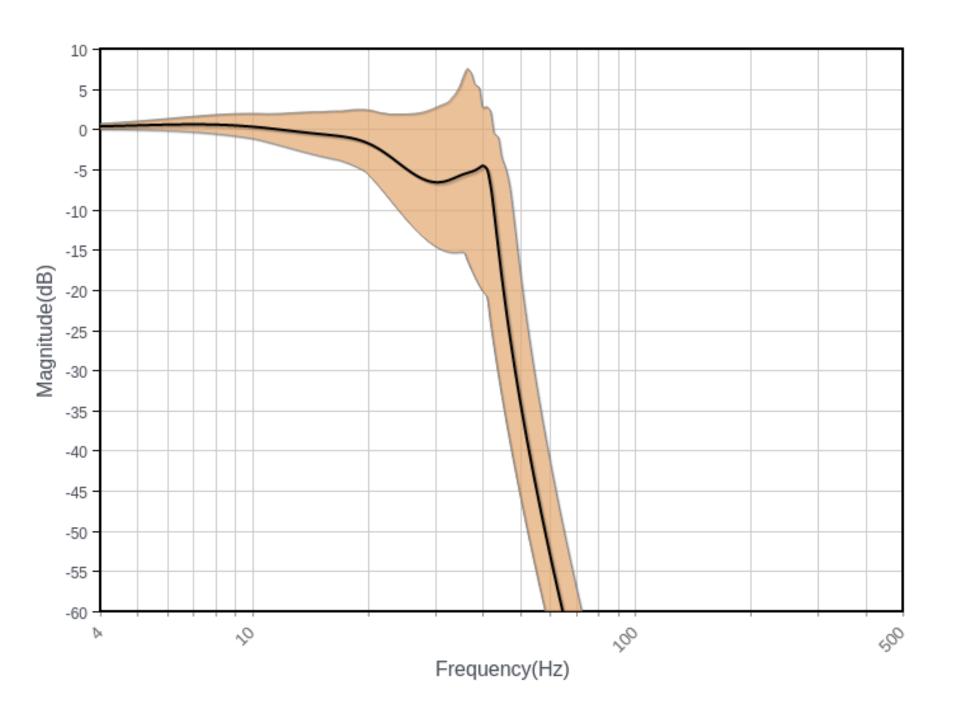
Gain: 0 dB

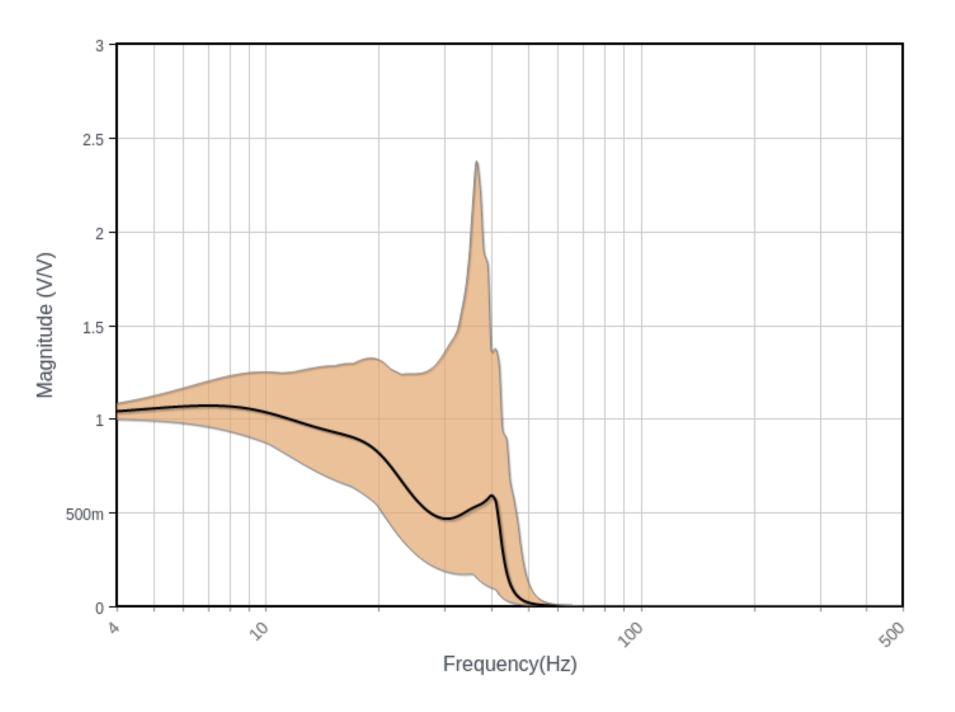
Passband: -3dB at 40Hz Stopband: -36dB at 50Hz

Component Tolerances: Capacitor = 10%; Resistor = 1%; Inductor = 5%; Op Amp GBW = 20%

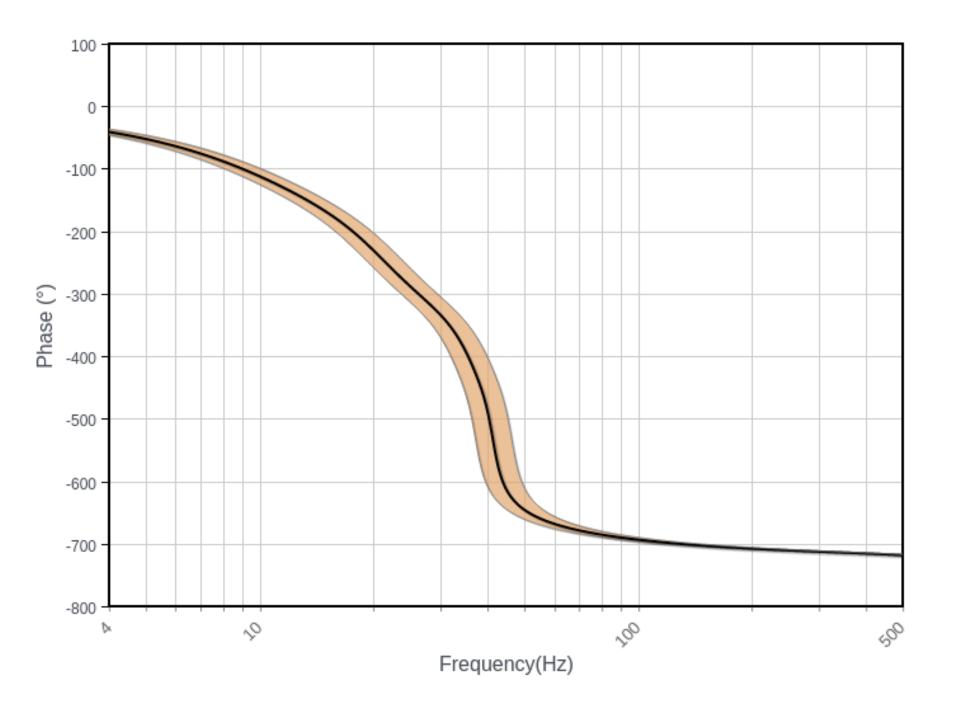
BOM: refer to BOM.csv file

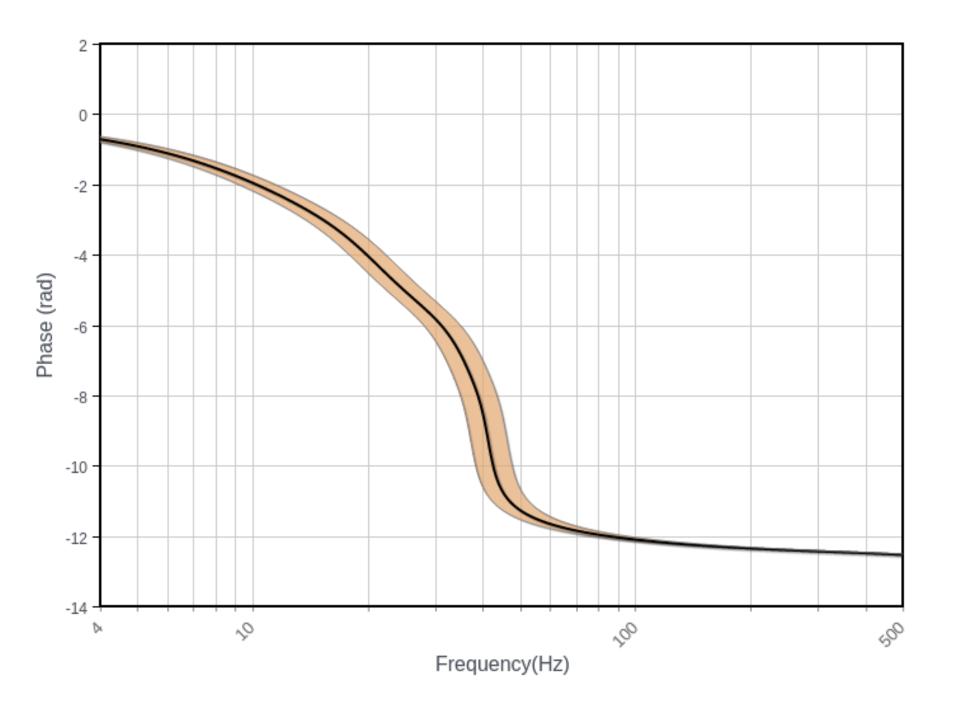
## Magnitude(dB)

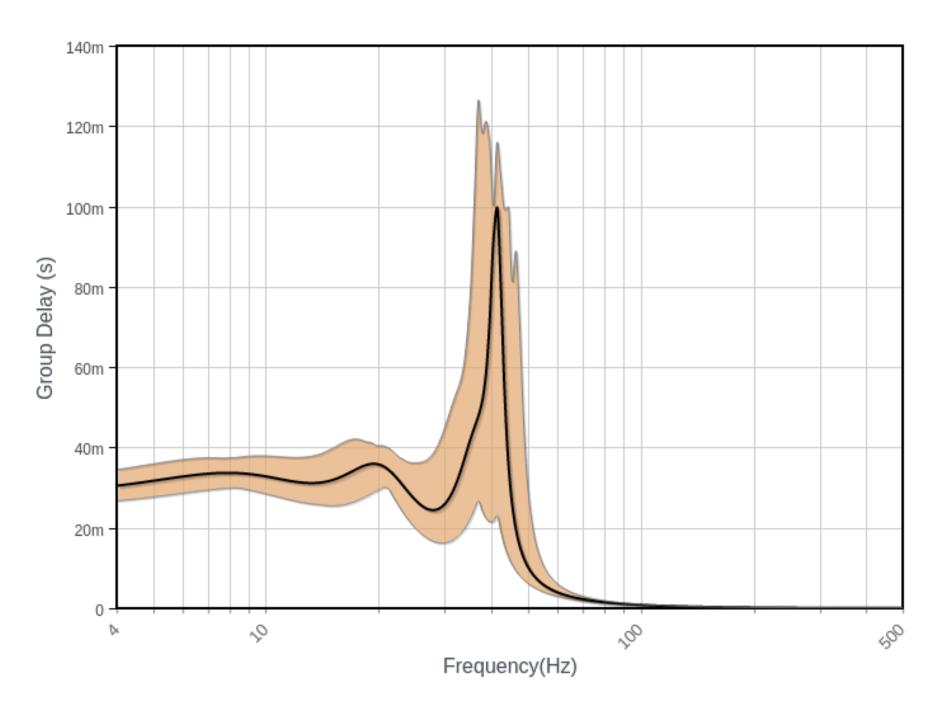


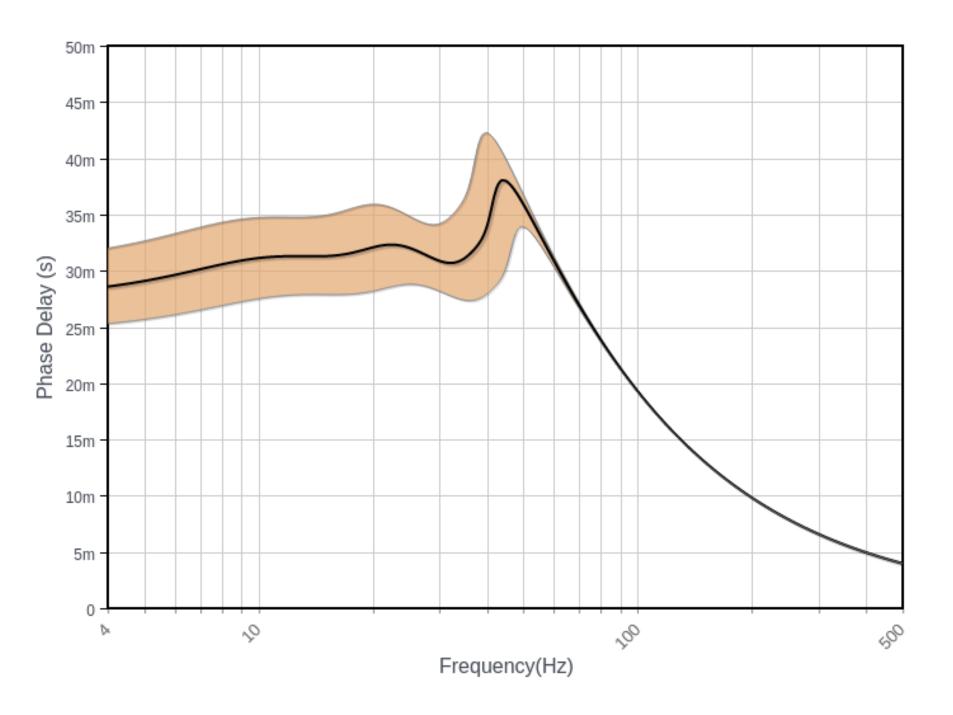


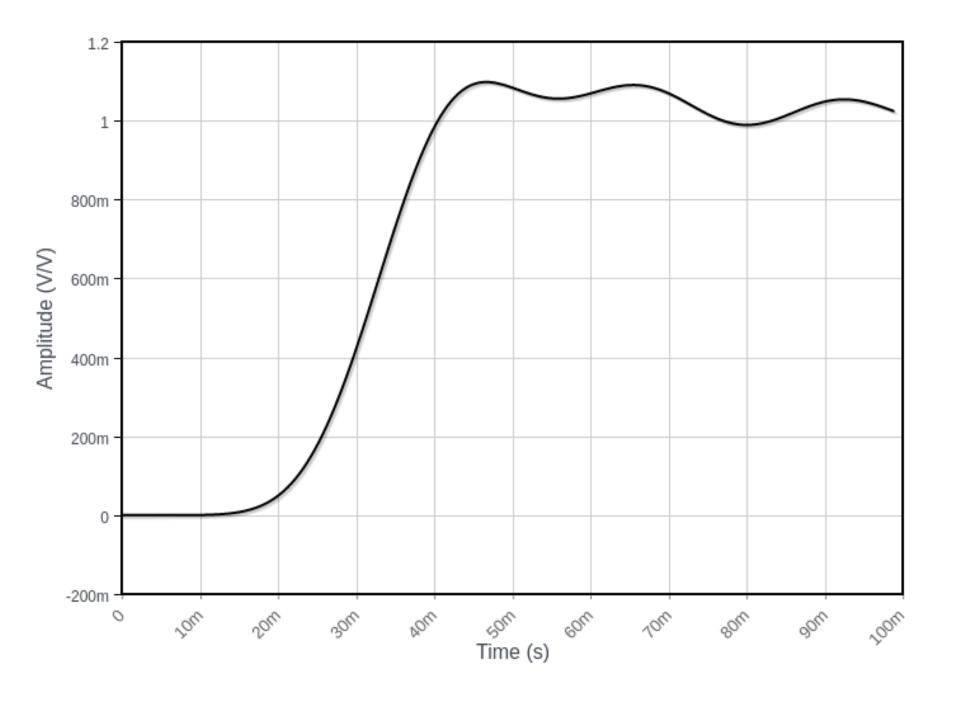
## Phase(degrees)

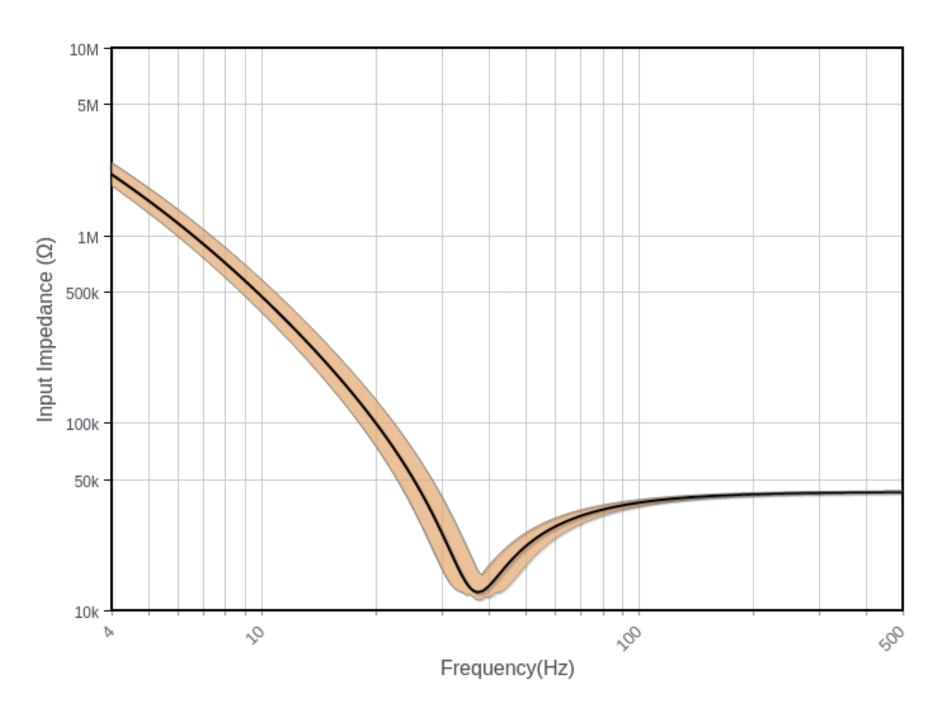


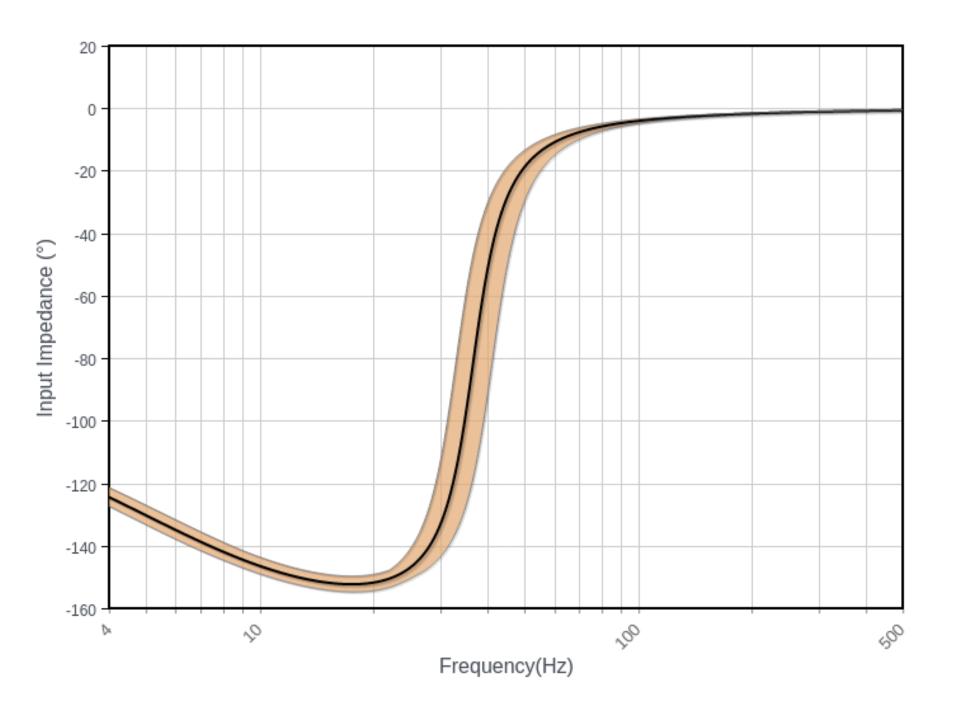


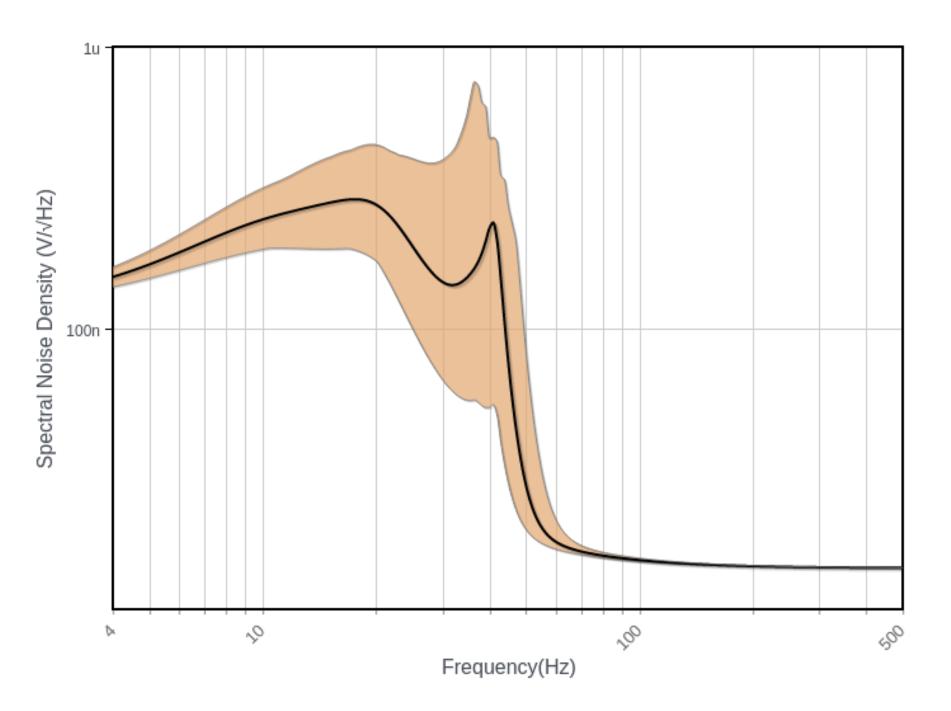












## Circuit

