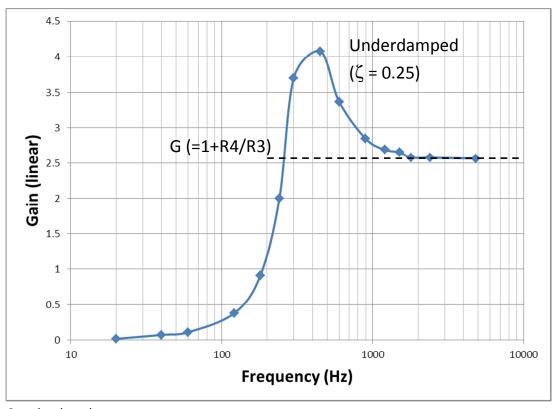
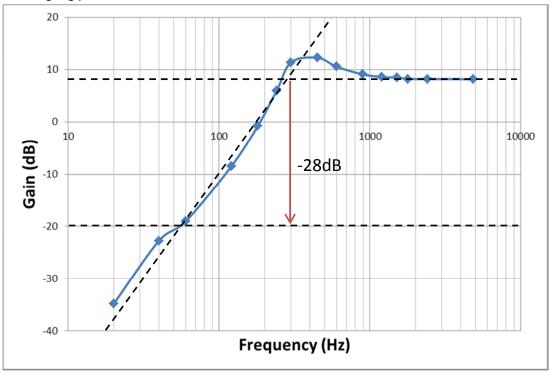
Sallen-Key HPF response with R2 = R1 = $2.2k\Omega$ and C2 =C1 = 220nF giving a nominal fc = 329Hz. The damping factor $\zeta = 0.25$ corresponds to G = 2.5 which is nominally achieved at R4/R3 = $3.3k\Omega/2.2k\Omega$.



On a log-log plot:



The second-order filter has a slope of 40dB/decade or 12dB/octave. Based on the design fc of 300Hz, the relative gain at 60Hz should be (-40 + 12) = -28dB i.e. down one decade to 30Hz (-40dB) and then up one octave to 60Hz (+12dB). The 60Hz rejection should be +28dB. The filter as built actually achieved 27.3dB rejection at 60Hz.