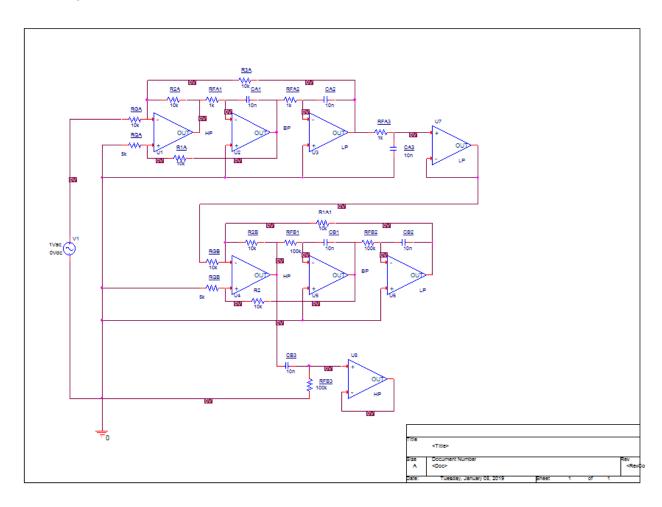
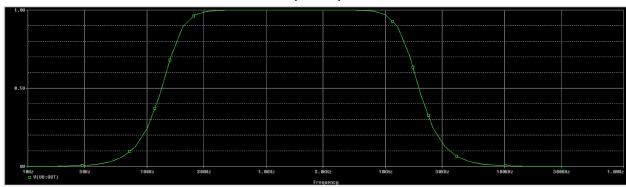
Pspice Simulations:

6th order bandpass:

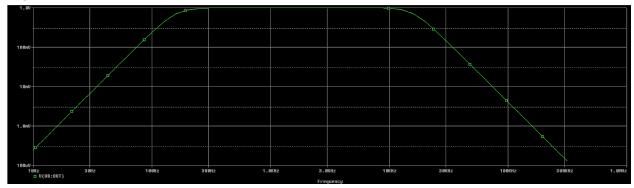
The resistors labeled RF are used to change the corner frequencies. The first 4 cascaded operational amplifiers are used as low pass filters. The next four operational amplifiers are used as the high pass filters.



Simulation ran from 10 hz to 300 khz with 10 points per decade.

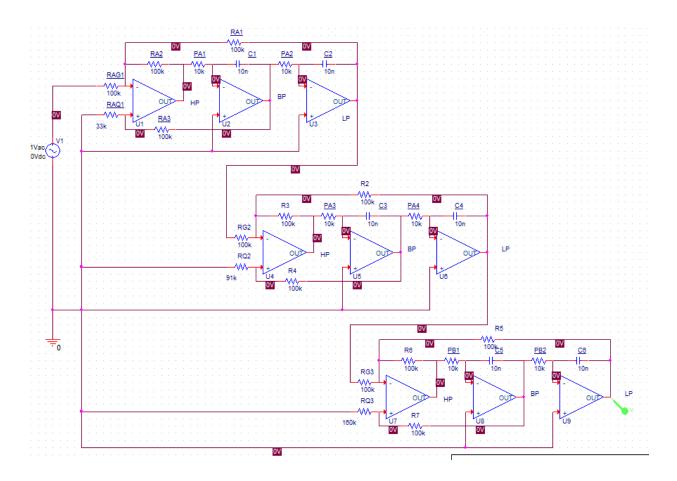


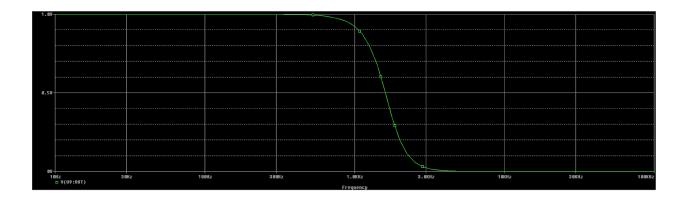
Log scaled



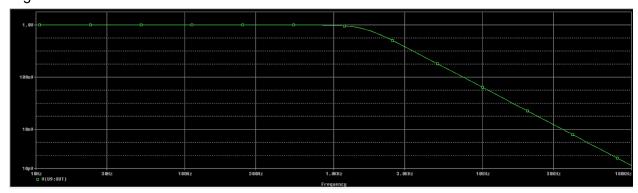
6th order lowpass:

Resistors labeled as P are variable to change the corner frequencies.

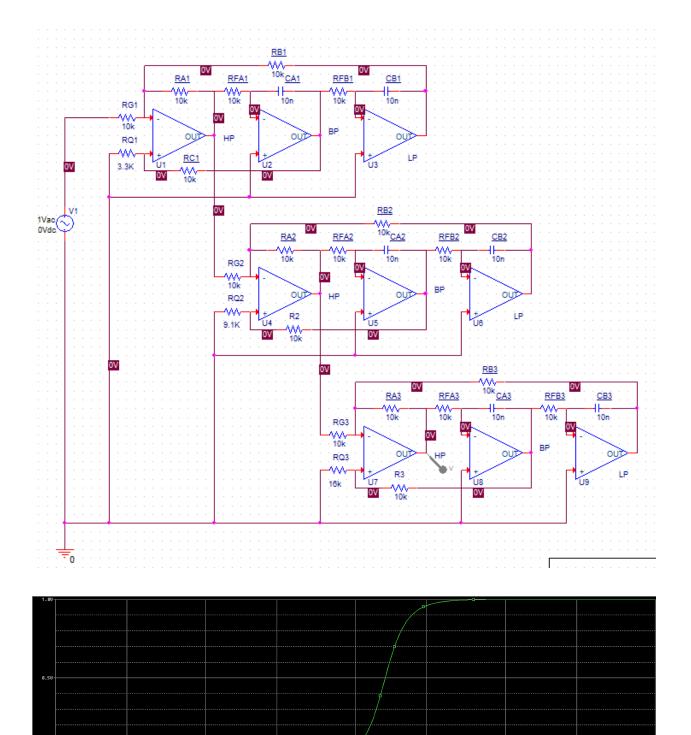




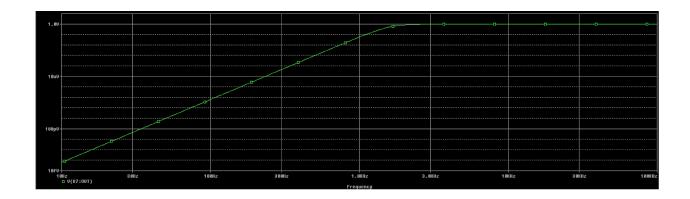
Log scaled



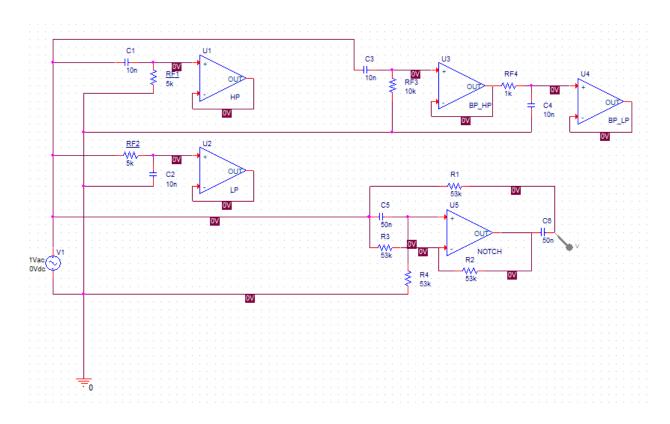
6th order high pass:



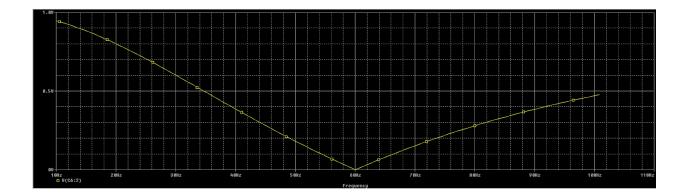




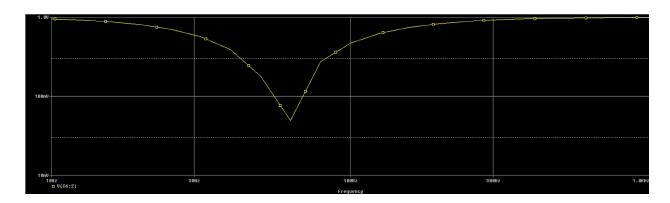
1st order lowpass, 1st order highpass, 2nd order and 60hz notch



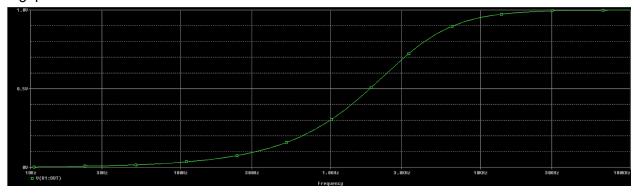
Notch filter zoomed in

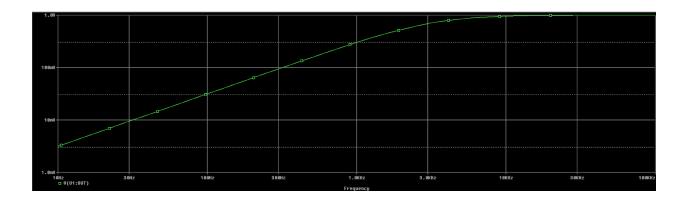


Log scaled

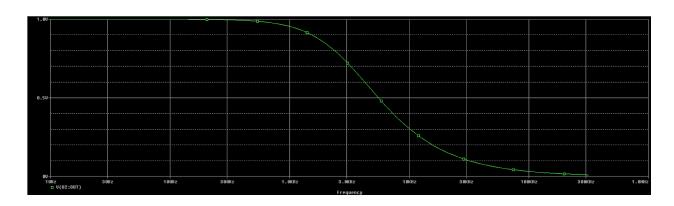


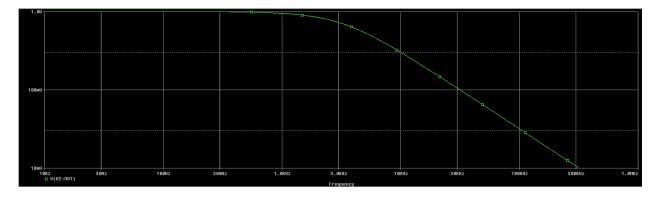
Highpass 1st order





Low Pass 1st order





Band pass 2nd order

Bandpass 2nd order

