Re: Post 1007

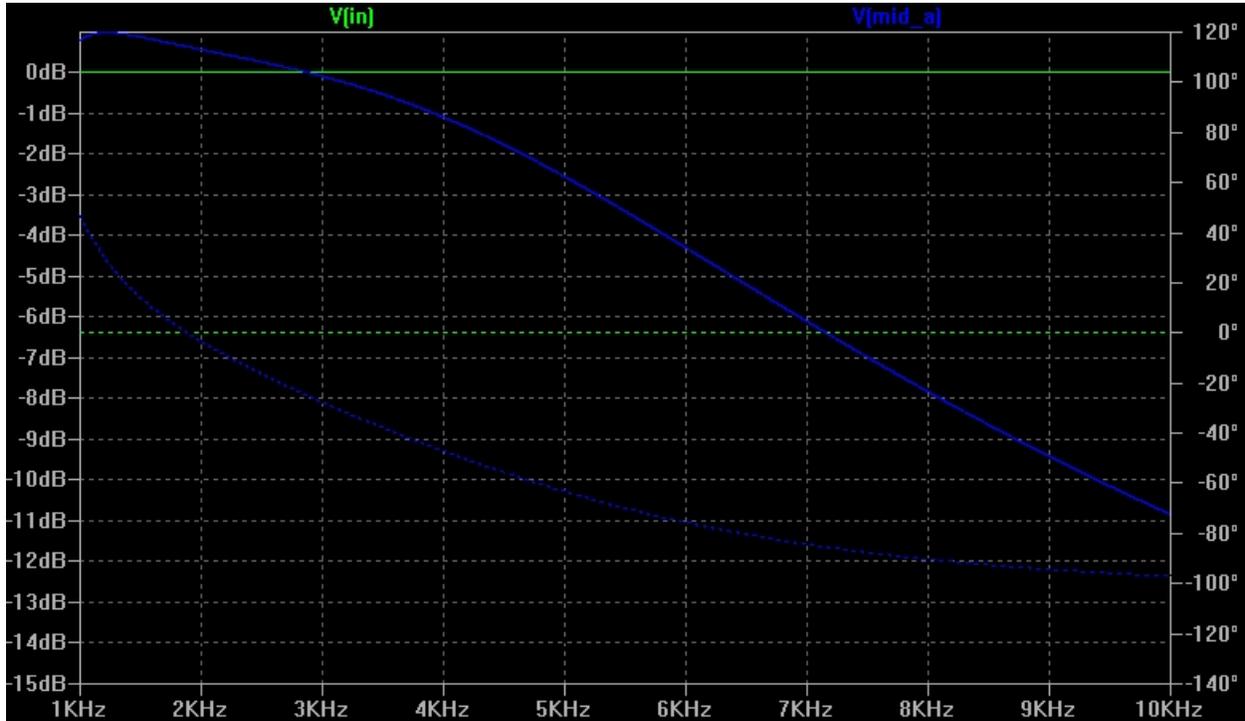---

take out the 1.8 ohm resistor from the Input to the filter , and have no resistor there ,
unless your program requires a resistor with that capacitor , and if it does then put 0.10 ohm there.
Try the above with the 0.34mH + 3.9uF + 3.9 ohm circuit.

V(in) is the reference plot
V(mid_a) is the 0.34mH + 3.9uF + 3.9 ohm circuit with the 1.8 ohm resistor removed

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To try an alternate which will show us further , please do a simulation with 3.9uF + 2.7 ohms there ,
and with the 1.8 ohms in at the Input so that we can compare the new simulation directly to the original
with the 1.8 V(in) is the reference plot.

V(in) is the reference plot (with the 1.8 ohm resistor in circuit)

V(mid_3.9) is the 0.34mH + 3.9uF + 3.9 ohm circuit

V(mid_2.7) is the 0.34mH + 3.9uF + 2.7 ohm circuit

Here are the plots 2 and 3 from the previous post combined together with the reference at 0db