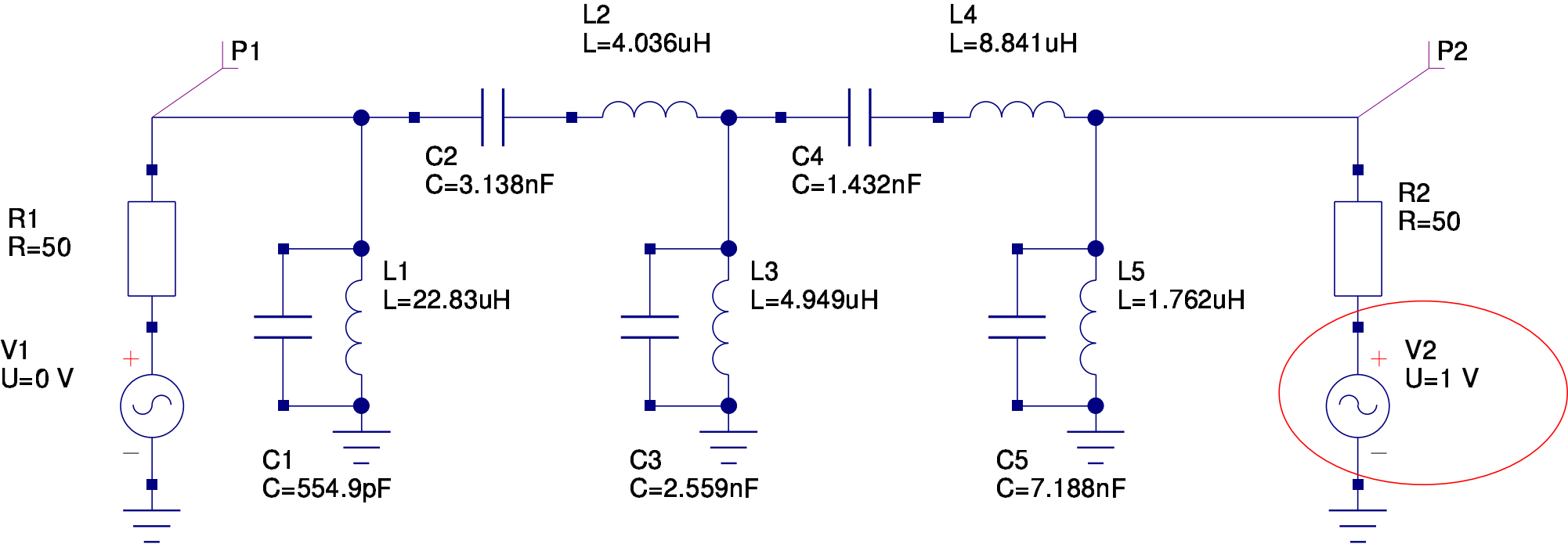

ac simulation

AC1
Type=log
Start=100kHz
Stop=20MHz
Points=200

Equation

Eqn1
a2=(P2.v+Z0*-V2.i)/(2*sqrt(Z0))
S22=b2/a2
S12=b1/a2
Z0=R2.R
b1=(P1.v-Z0*-V1.i)/(2*sqrt(Z0))
b2=(P2.v-Z0*-V2.i)/(2*sqrt(Z0))

Equation

Eqn2
dBS22=dB(S22)
dBS12=dB(S12)