

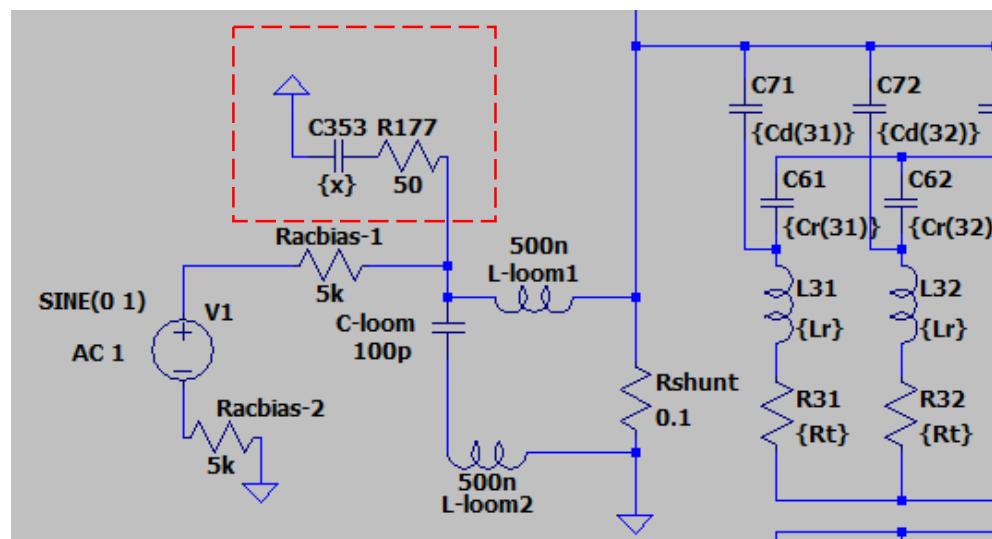
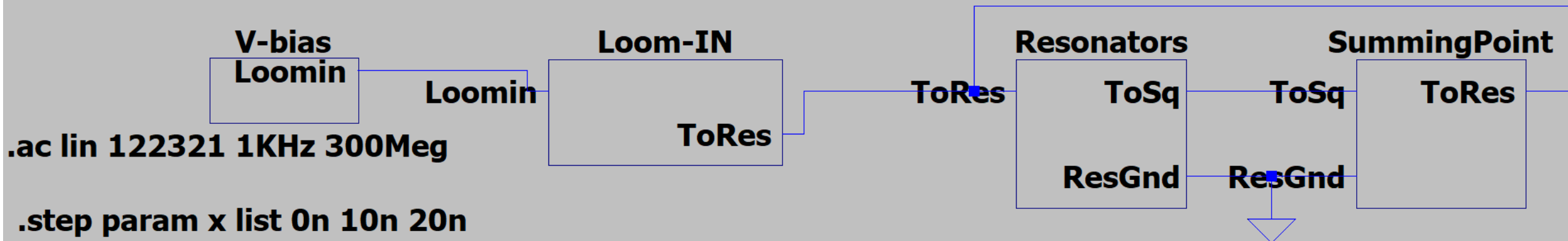
# Out of Band Resonances (OBR) Of the SAFARI FDM, The 2<sup>nd</sup> Peak

\*2<sup>nd</sup> OBR around 16 MHz can be removed by using a second snubber after Rac-bias\*

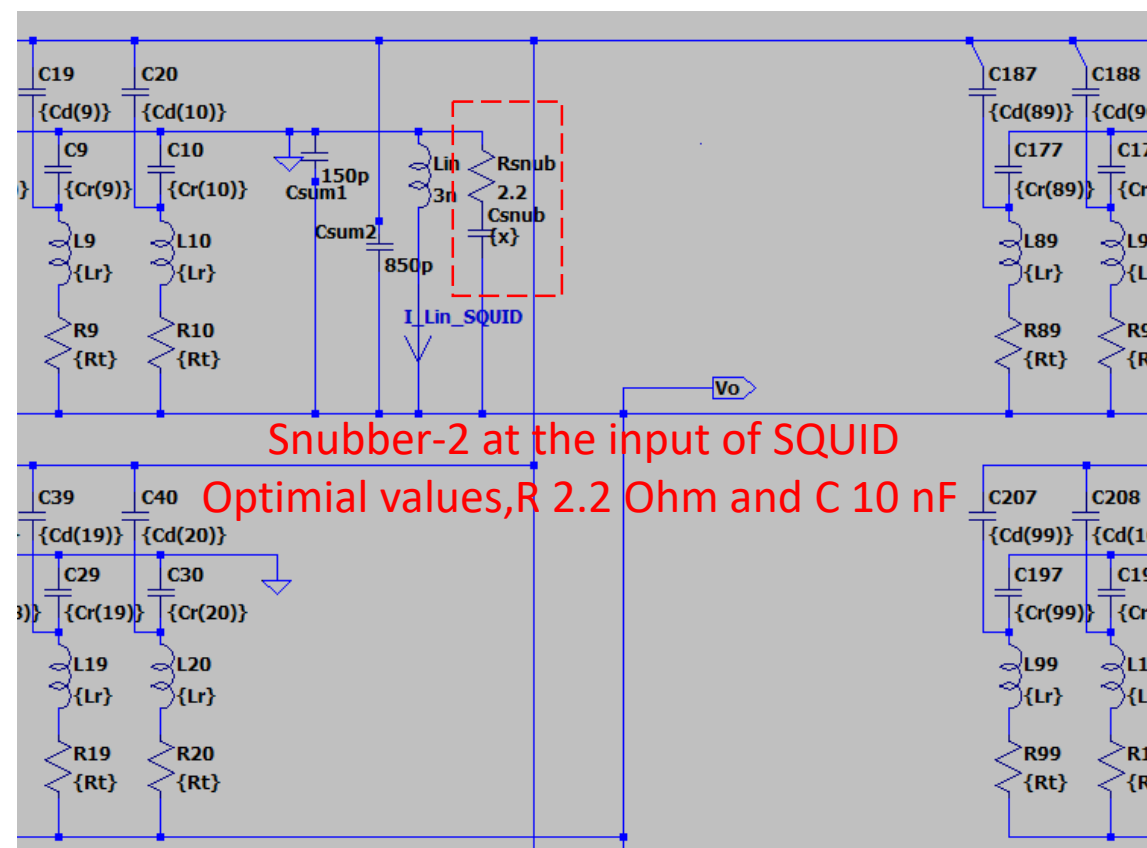
Simulation and Modeling using LTspiceXVII

Amin Aminaie, August 2019

## Simulation of SAFARI FDM Blocks up to Input of the SQUID



Snubber-1 after Rac-bias  
Optimal values, R 50 Ohm and C 10 nF



Snubber-2 at the input of SQUID  
Optimal values, R 2.2 Ohm and C 10 nF

