## Revisiting the

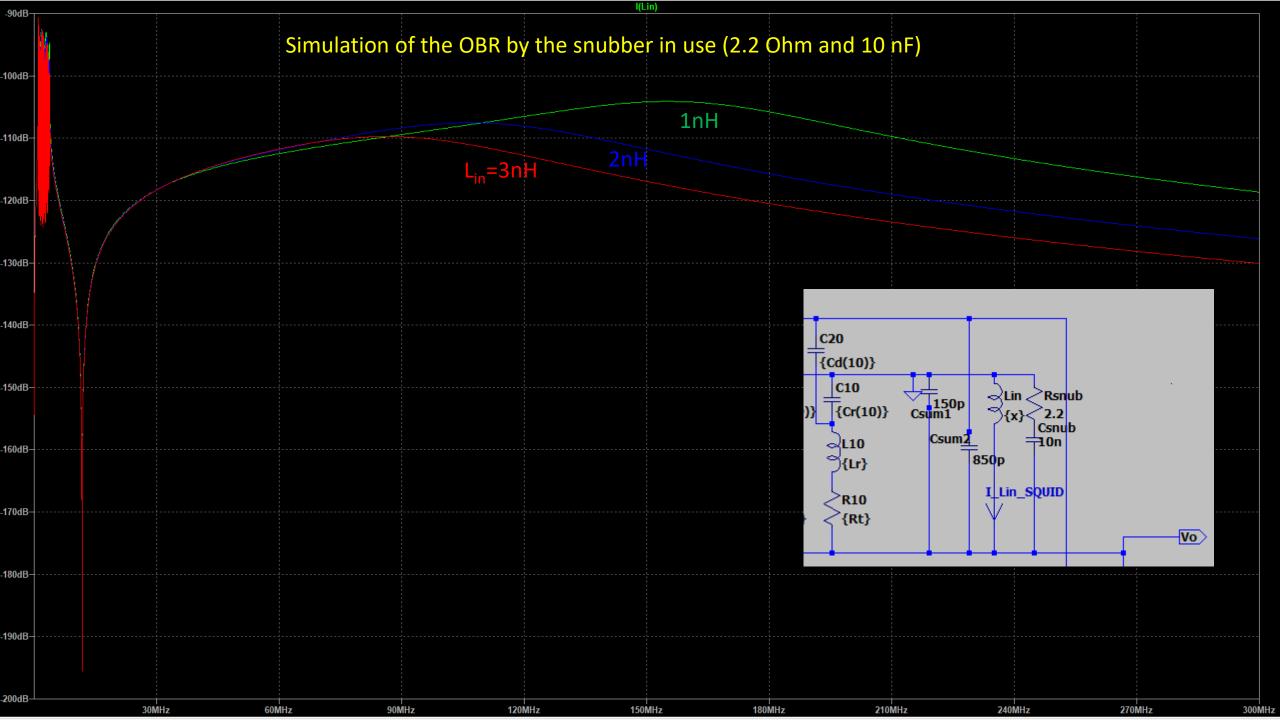
## Out of Band Resonances (OBR) of the SAFARI FDM-2-stage SQUID

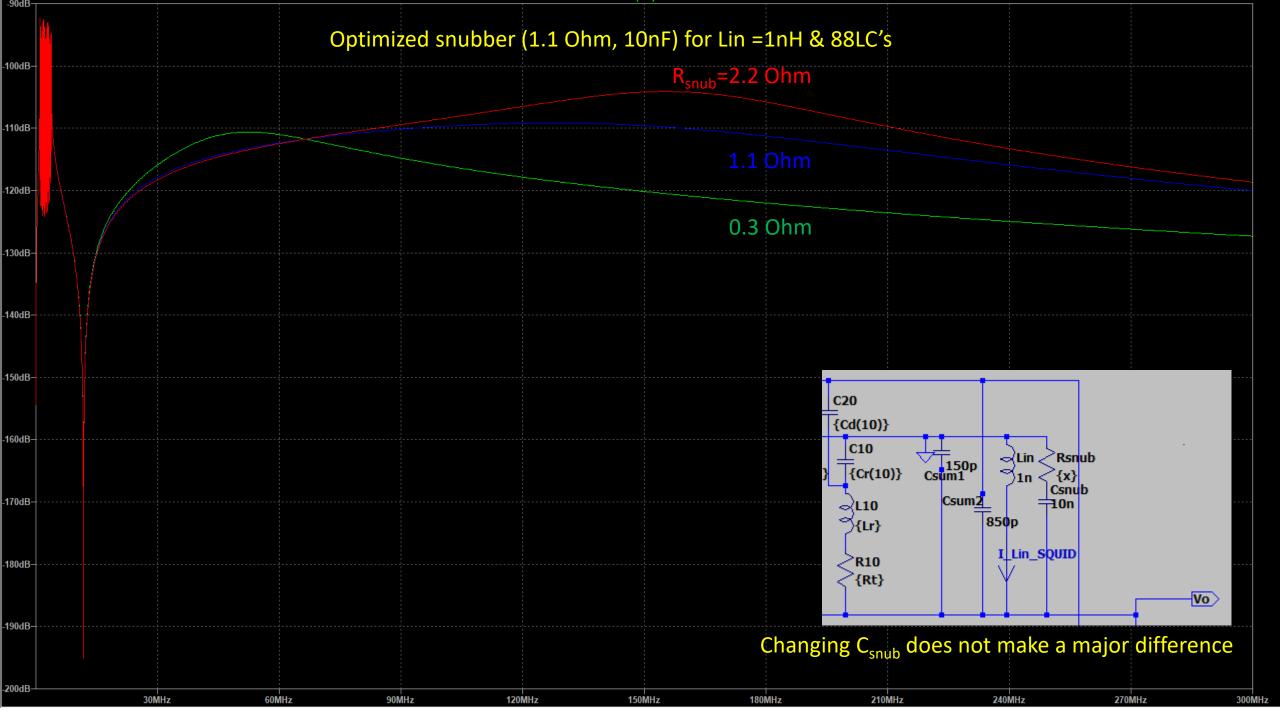
- A SQUID with lower Lin shifts away the OBR to the higher frequencies
- The snubber in use still damps down the OBR peak although it can be optimized for the new SQUID
- A nearby OBR could also occur which depends on the Loom-in characteristics. It won't be damped by the snubber at the summing point

Simulation and Modeling using LTspiceXVII

Amin Aminaei, February 2020







## 88 Pixels, Lin 1nH,2nH,3nH

