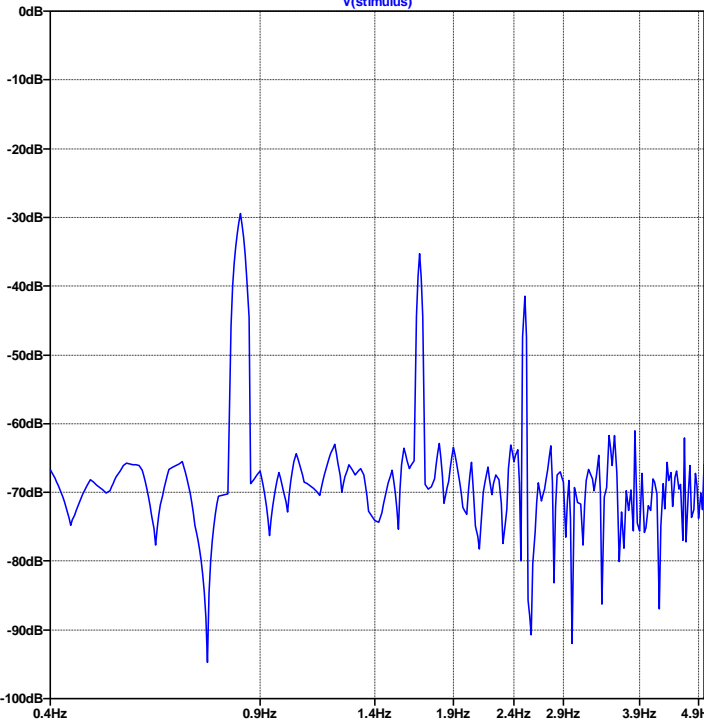


**50 bpm heartbeat signal and noise frequency plot.**



**150 bpm heartbeat signal and noise frequency plot.**

