

Note: De-embedded s-params with noise data for the GRF207X and GRF208X families of ultra-low noise devices. RF performance of GRF207X and 208X are essentially the same. GRF208X features a digital shutdown feature on pin 6 that is not offered on 207X devices.

Device impedance and NF are essentially unchanged over a range of I_{ddq} from 40 mA to 100 mA. NF does begin to degrade slowly as I_{ddq} is lowered below 40 mA with the NF at 20 mA perhaps 0.05 dB higher than it is at 40 mA. Gain at 70 mA is roughly 0.5 dB higher than at 40 mA at a given frequency.