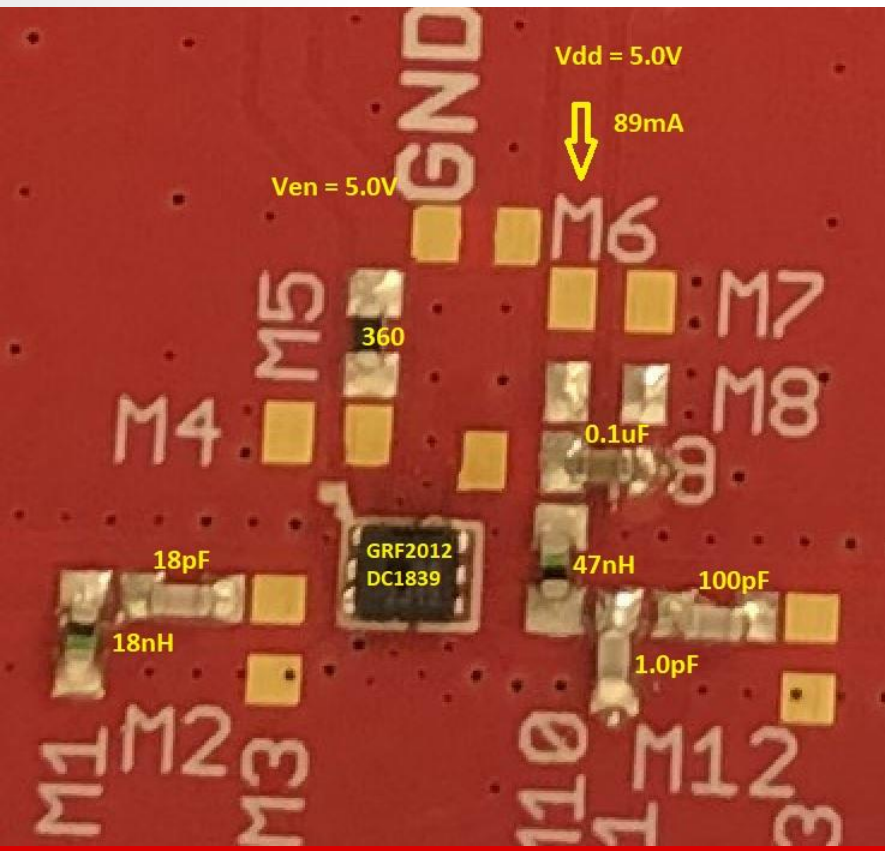


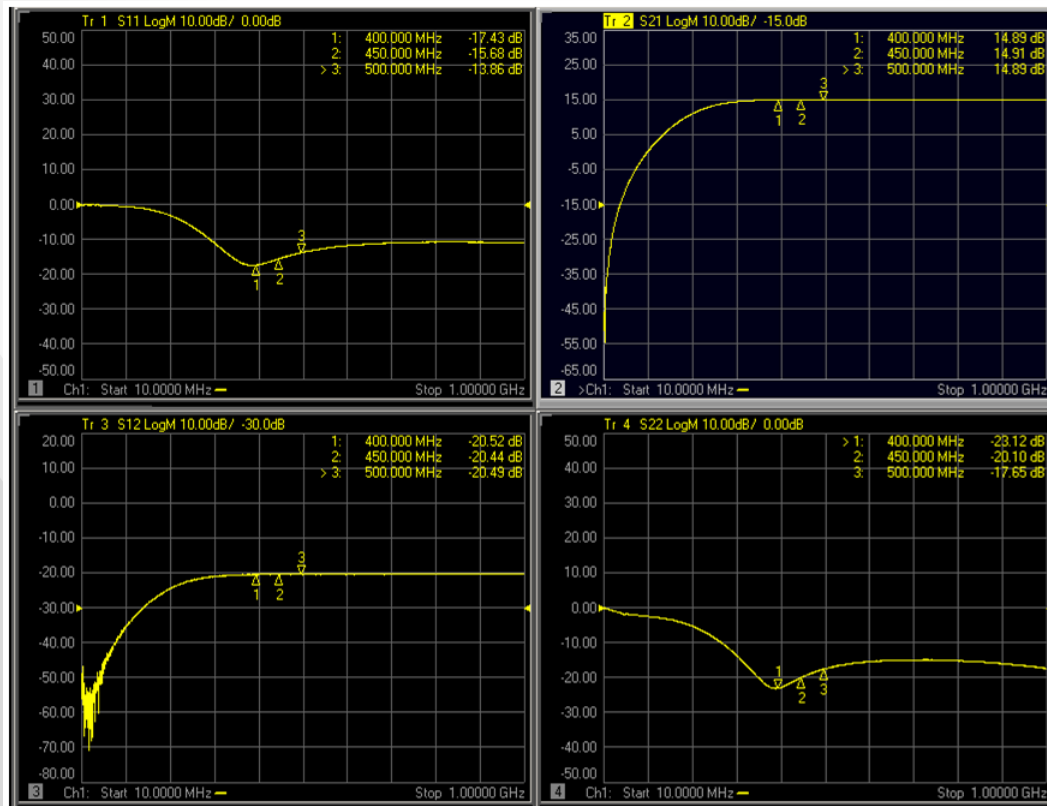


GRF2012 (400 - 500 MHz)

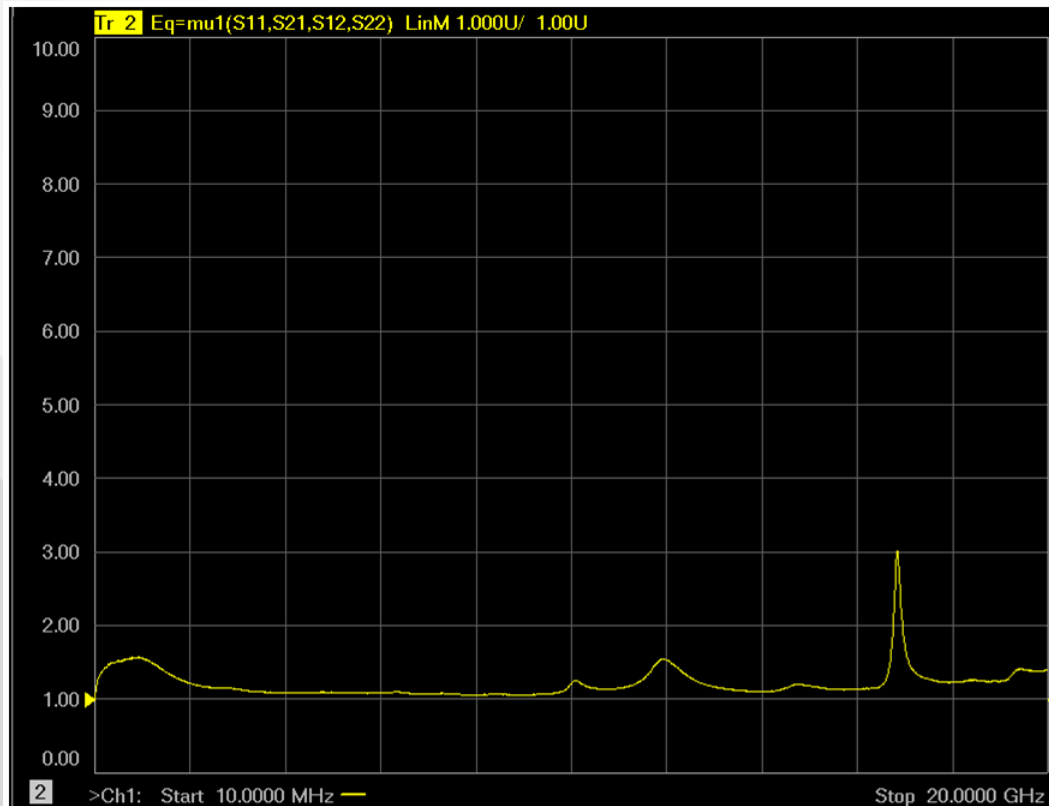
GRF2012 Schematic:



GRF2012 Response:



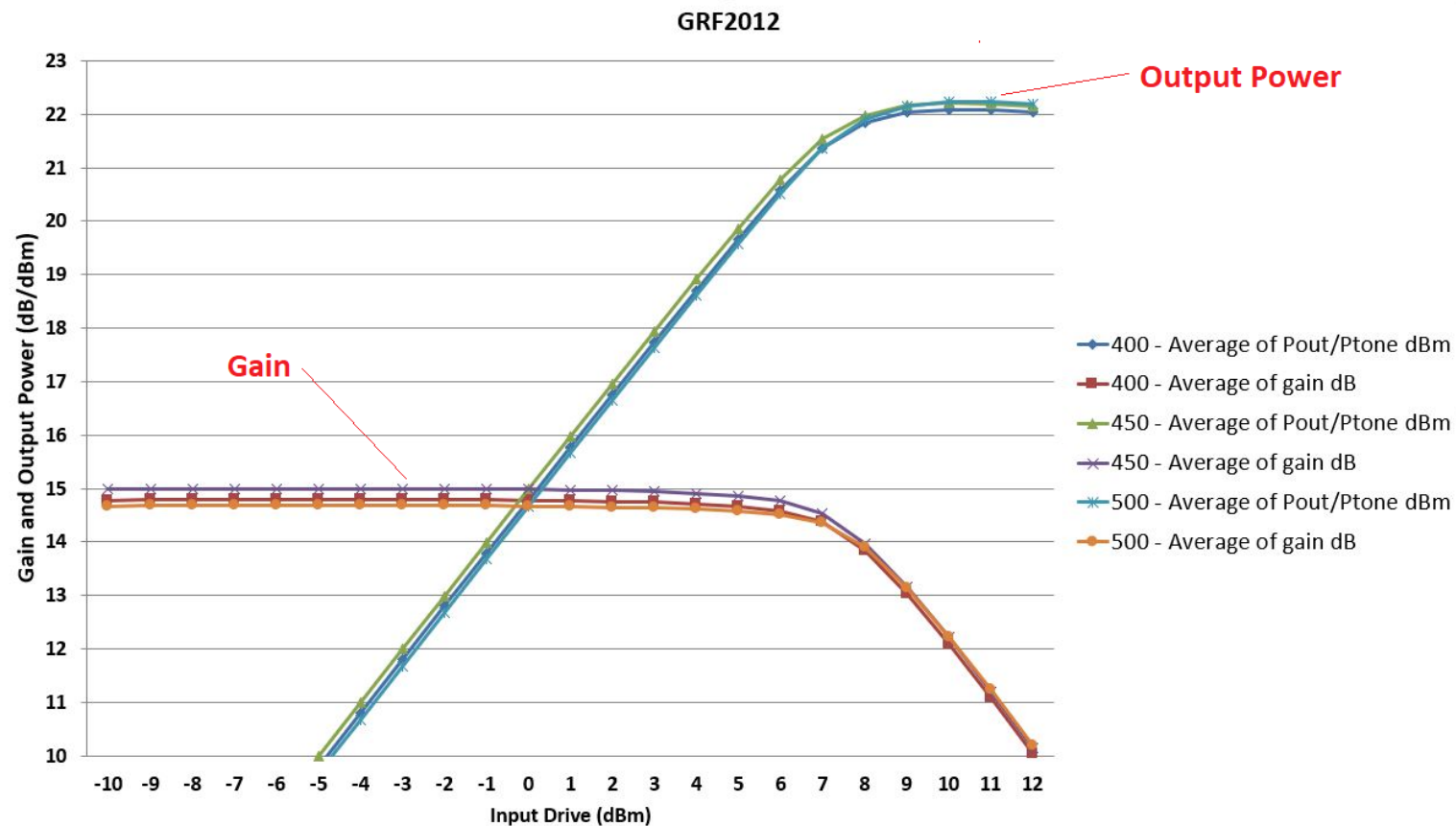
GRF2012 Stability Mu Factor:



GRF2012 Standard Data:

Bias Point	Freq MHz	Vdd V	Ven V	Iddq mA	Pout/Ptone dBm	gain dB	tone spacing MHz	IIP3 dBm	OIP3 dBm	IP1dB dBm	OP1dB dBm	EVB NF dB
5.0V/89mA	400	5.0	5.0	88.9	4.0	14.9	2.0	22.6	37.5	8.0	21.9	3.3
5.0V/89mA	450	5.0	5.0	88.9	4.0	14.9	2.0	22.9	37.8	8.1	22.0	3.2
5.0V/89mA	500	5.0	5.0	88.9	4.0	14.9	2.0	23.0	37.9	8.2	22.1	3.2

GRF2012 Gain and Output Power vs. Input Drive





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