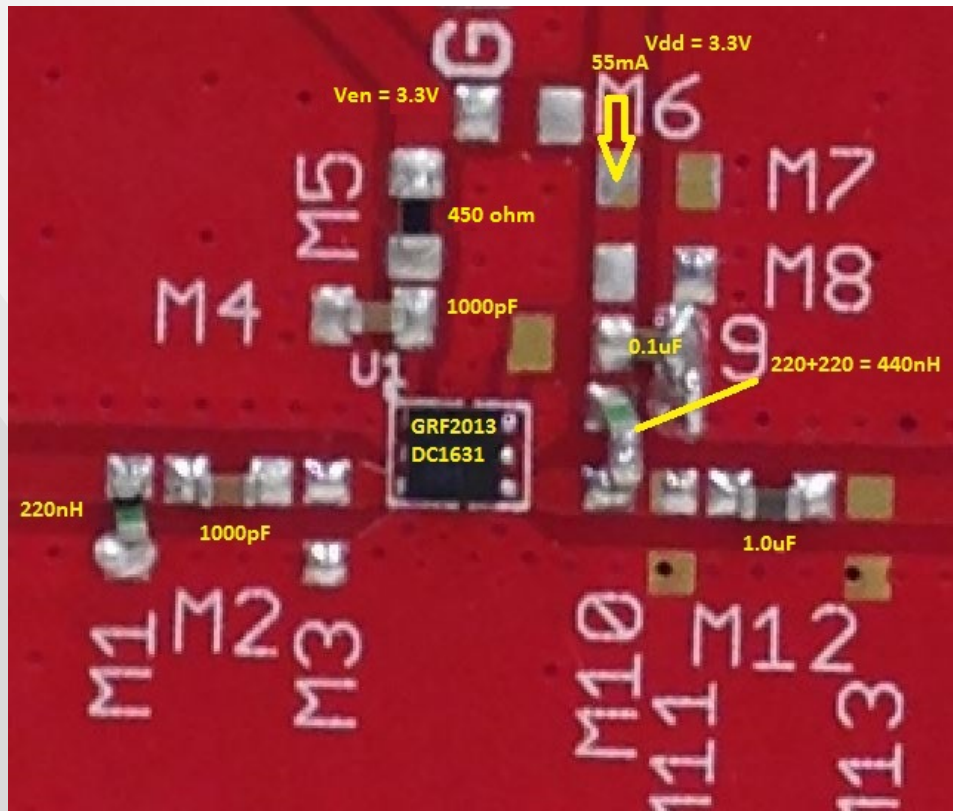


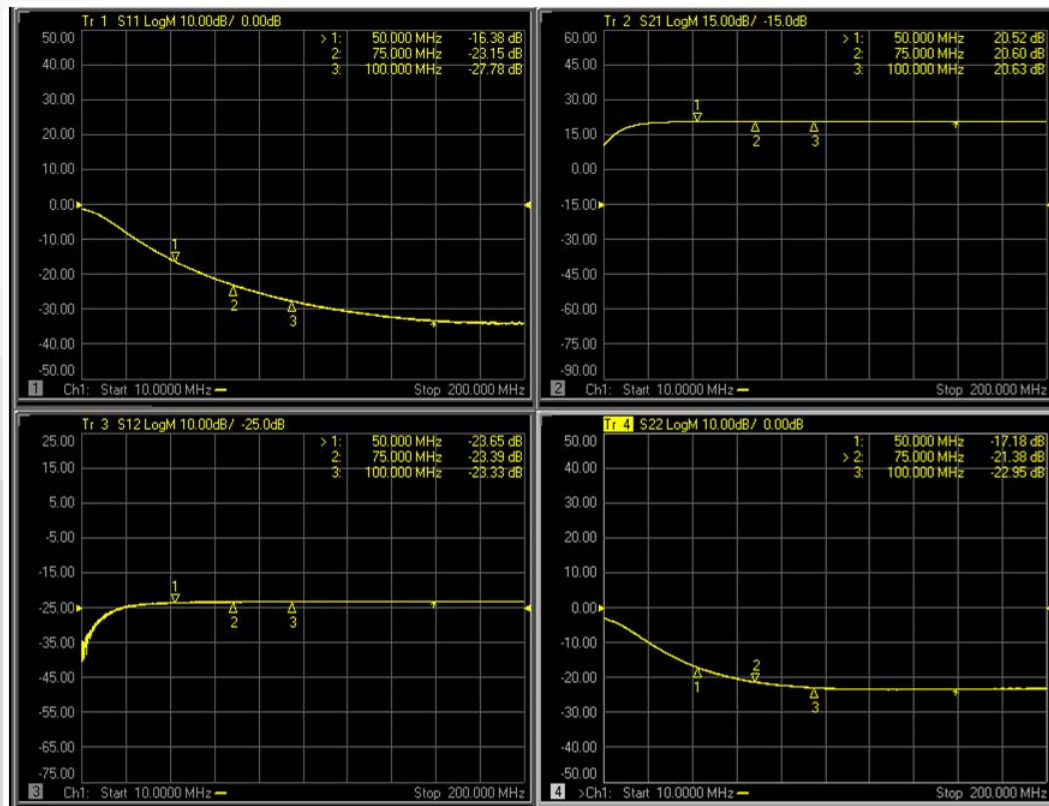


GRF2013: 3.3V IF Amplifier (50 – 100 (+) MHz)

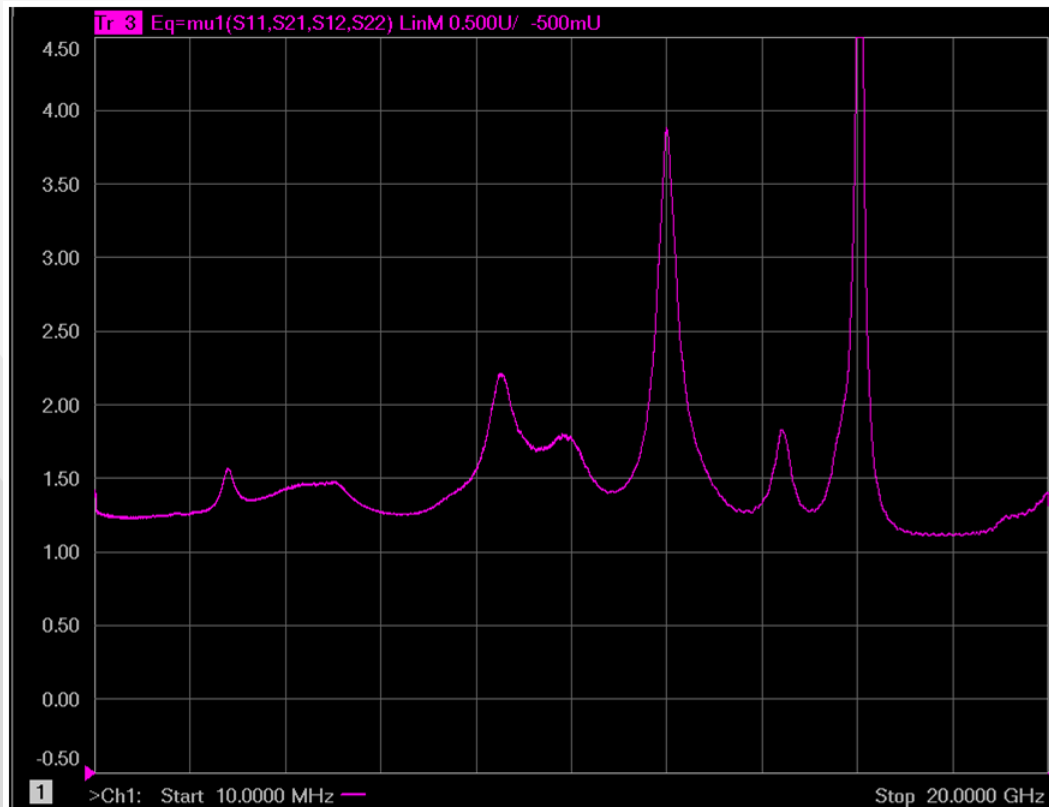
GRF2013 Schematic:



GRF2013 Response:



GRF2013 Stability Mu Factor:



GRF2013 Data:

Data only shown to 100 MHz, but the application can be extended well beyond that.

Descriptor	Freq MHz	Vdd	Iddq mA	Ven	Ien mA	Pout/Ptone dBm	Gain dB	IIP3 dBm	OIP3 dBm	IP1dB dBm	OP1dB dBm	EVB NF dB
3.3V/55mA	50	3.3	55.6	3.3	3.3	0.0	20.6	12.0	32.6	-1.3	18.3	1.90
3.3V/55mA	75	3.3	55.6	3.3	3.3	0.0	20.5	12.7	33.2	-1.1	18.4	1.50
3.3V/55mA	100	3.3	55.6	3.3	3.3	0.0	20.6	12.7	33.3	-1.1	18.5	1.40



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