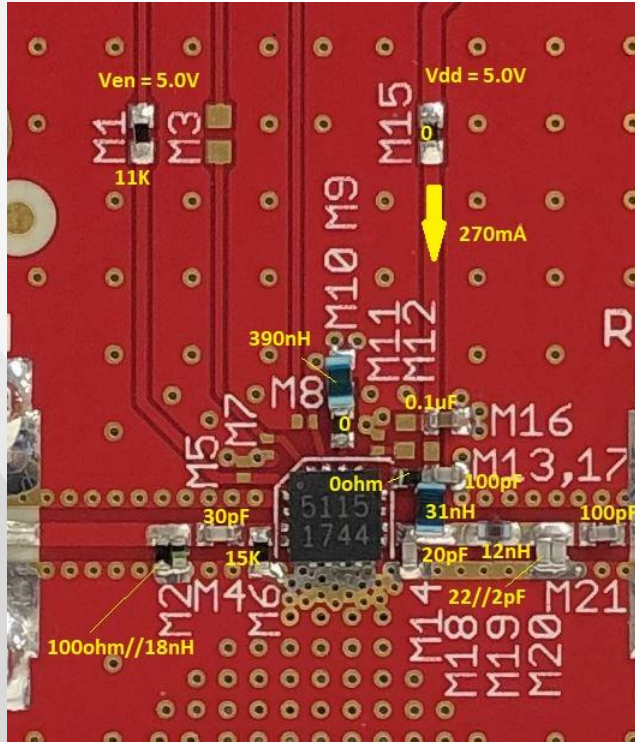


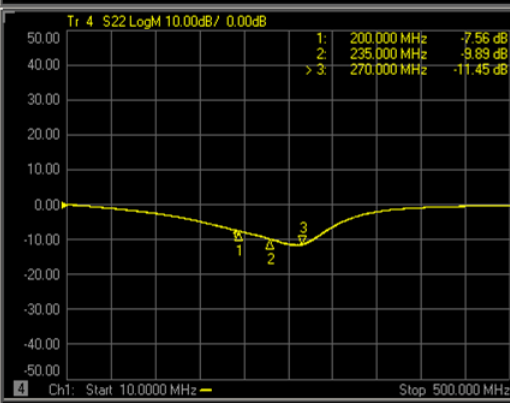
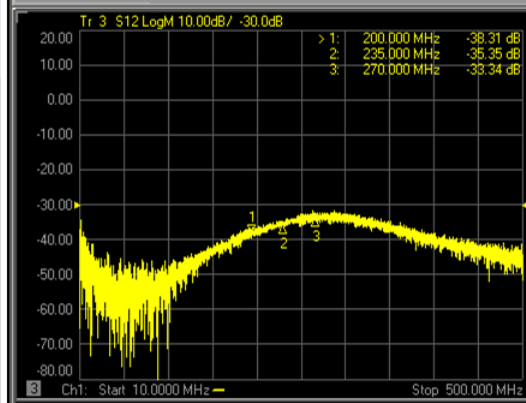
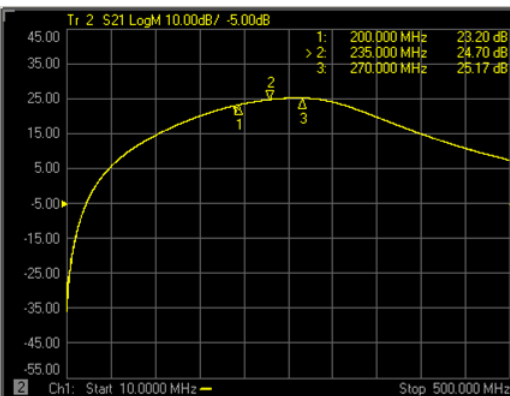
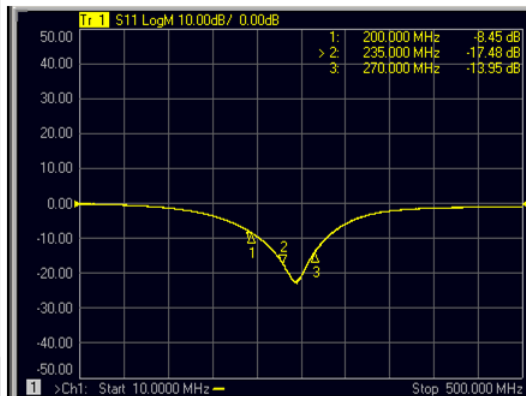


GRF5115 (220 - 270 MHz)

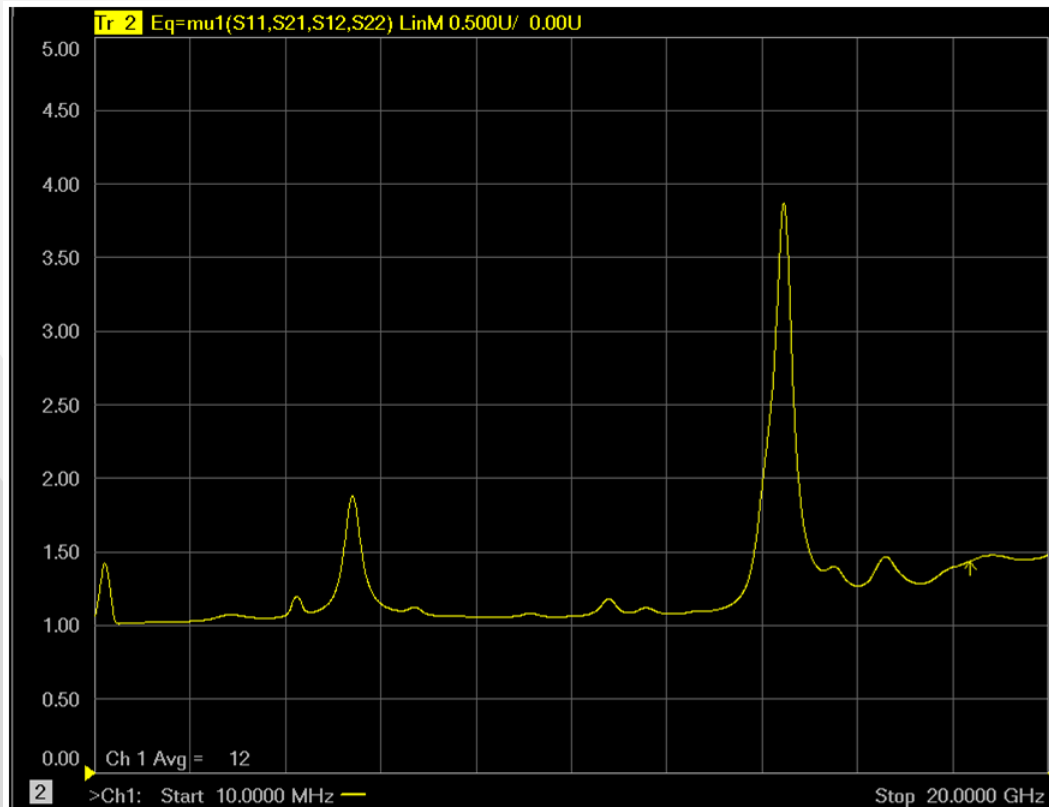
GRF5115 Schematic:



GRF5115 Response:



GRF5115 Stability Mu Factor:



GRF5115 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	Eff %	EVB NF dB
5.0V/270mA	220	5.0	5.0	270.0	15.0	24.2	2.0	20.4	44.6	6.8	30.0	47.8	3.1
5.0V/270mA	245	5.0	5.0	270.0	15.0	24.9	2.0	20.7	45.6	6.8	30.7	50.0	2.9
5.0V/270mA	270	5.0	5.0	270.0	15.0	25.4	2.0	23.9	49.3	6.6	30.9	51.0	3.0

GRF5115 Saturated:

Descriptor	Freq MHz	Vdd V	Ven V	Iddq mA	Pin dBm	Pout/Ptone dBm	gain dB	Eff %	2fo dBm	3fo dBm	4fo dBm
Psat	220	5	5	270.4	13	30.9	17.9	59.8	-13.4	-2.3	-20.0
Psat	245	5	5	270.4	13	31.7	18.7	64.0	-1.5	-4.1	-20.7
Psat	270	5	5	270.4	13	32.3	19.3	69.2	3.1	-5.2	-18.2



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