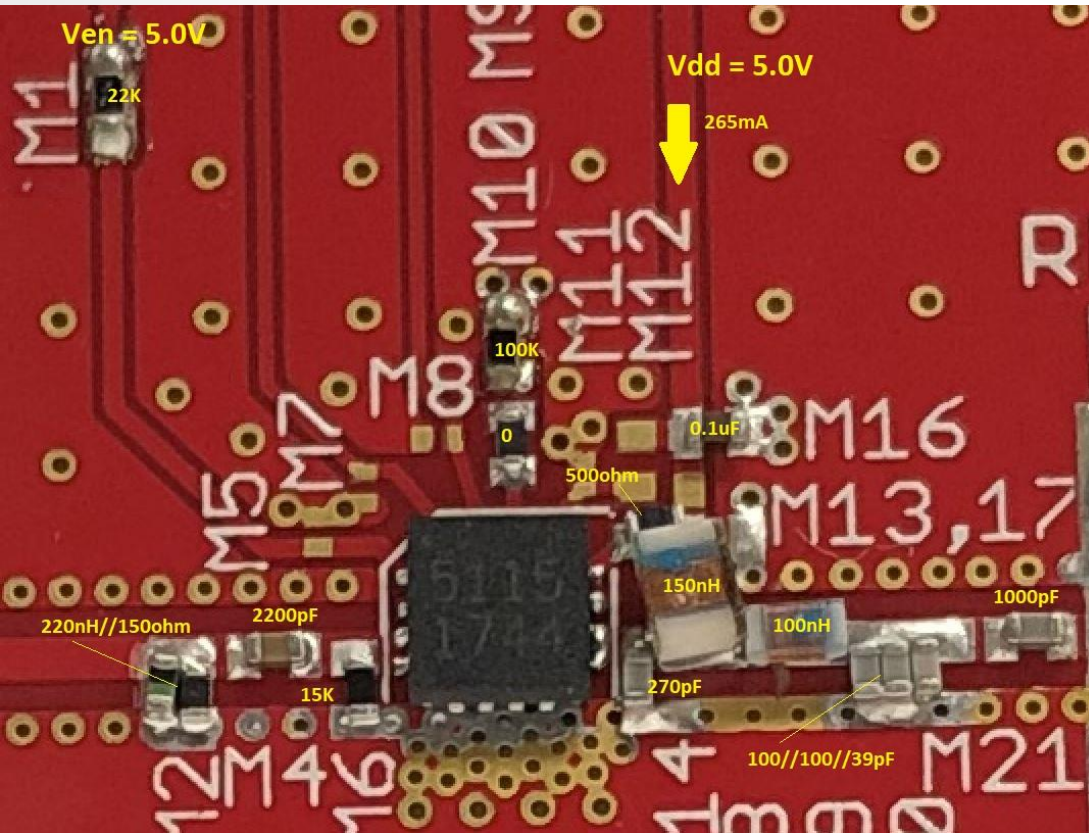


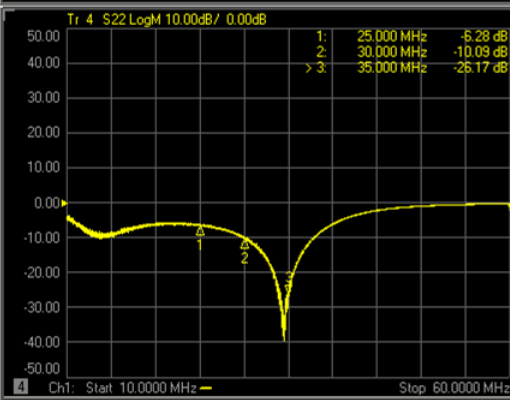
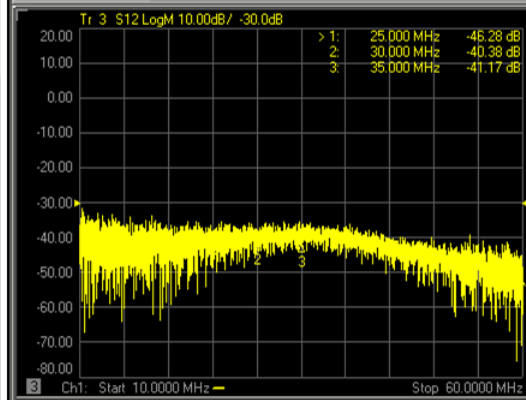
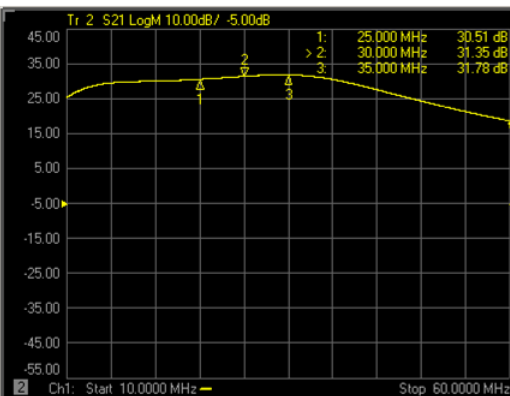
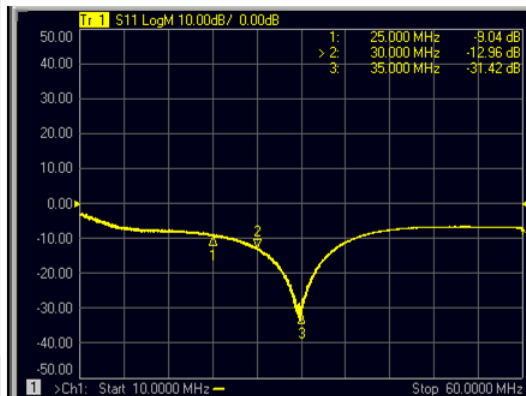


GRF5115 (26 - 34 MHz)

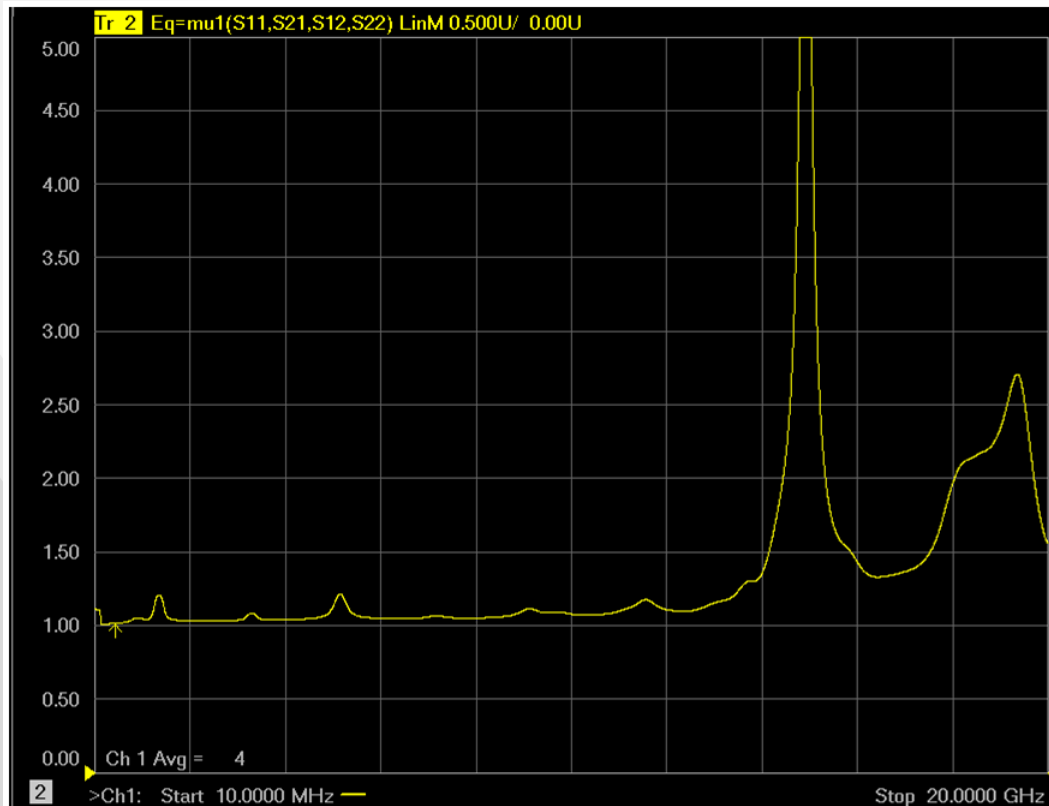
GRF5115 Schematic:



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/265mA	26	5.0	5.0	264.5	18.0	31.1	2.0	6.4	37.5	0.6	30.4	43.6	2.90
5.0V/265mA	28	5.0	5.0	264.5	18.0	31.4	2.0	5.9	37.3	0.6	30.7	45.4	2.85
5.0V/265mA	30	5.0	5.0	264.5	18.0	31.7	2.0	5.5	37.2	0.5	30.9	46.3	2.80
5.0V/265mA	32	5.0	5.0	264.5	18.0	31.9	2.0	5.4	37.3	0.1	30.8	44.6	2.80
5.0V/265mA	34	5.0	5.0	264.5	18.0	31.9	2.0	5.3	37.2	-0.7	30.1	36.5	2.80

GRF5115 Saturated Output Power:

Bias Point	Freq MHz	Vdd V	Ven V	Iddq mA	Pin dBm	Pout/Ptone dBm	gain dB	Eff %	2fo dBm	3fo dBm	4fo dBm
5.0V/265mA	26	5.0	5.0	263.2	5.0	30.8	25.8	54.6	-1.4	-2.2	-28.1
5.0V/265mA	28	5.0	5.0	263.2	5.0	31.3	26.3	55.8	0.9	-3.5	-26.4
5.0V/265mA	30	5.0	5.0	263.2	5.0	31.7	26.7	58.2	2.5	-4.2	-27.6
5.0V/265mA	32	5.0	5.0	263.2	5.0	31.8	26.8	60.0	3.6	-5.3	-30.3
5.0V/265mA	34	5.0	5.0	263.2	5.0	31.5	26.5	61.9	4.2	-7.7	-38.2



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