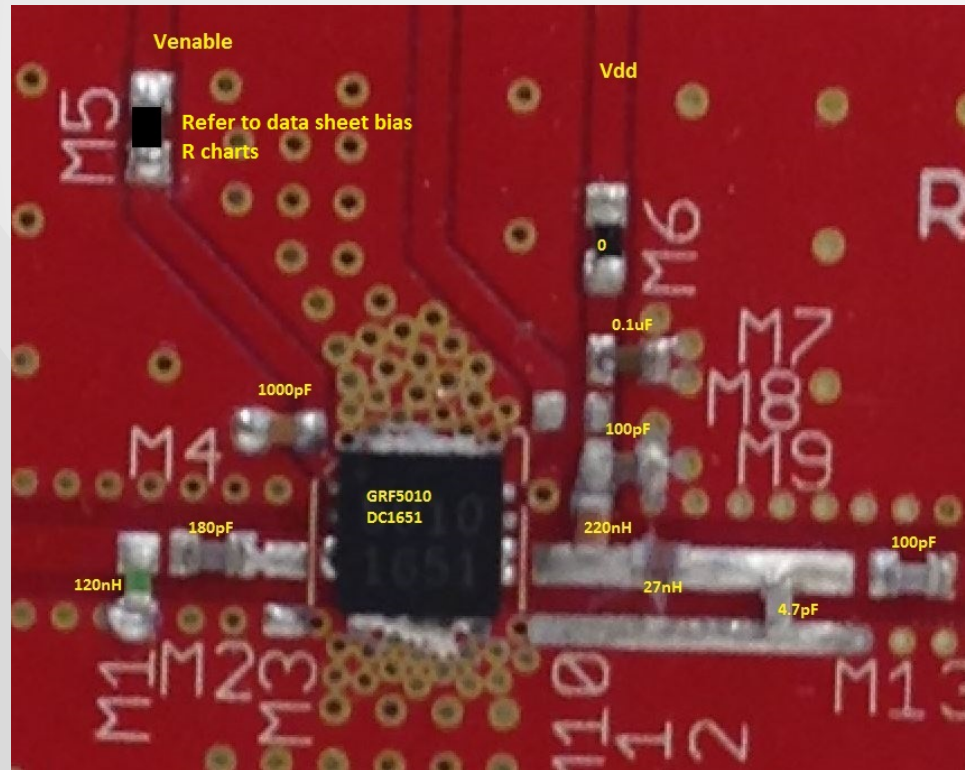


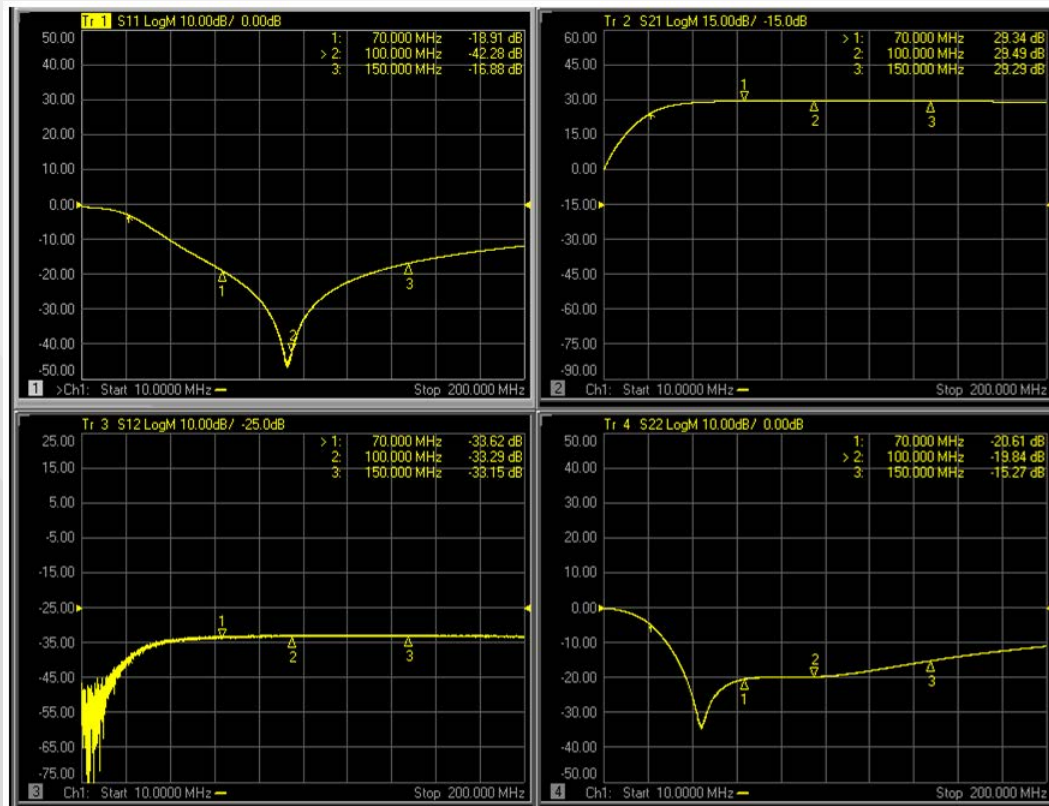


GRF5010 (70 - 150 MHz)

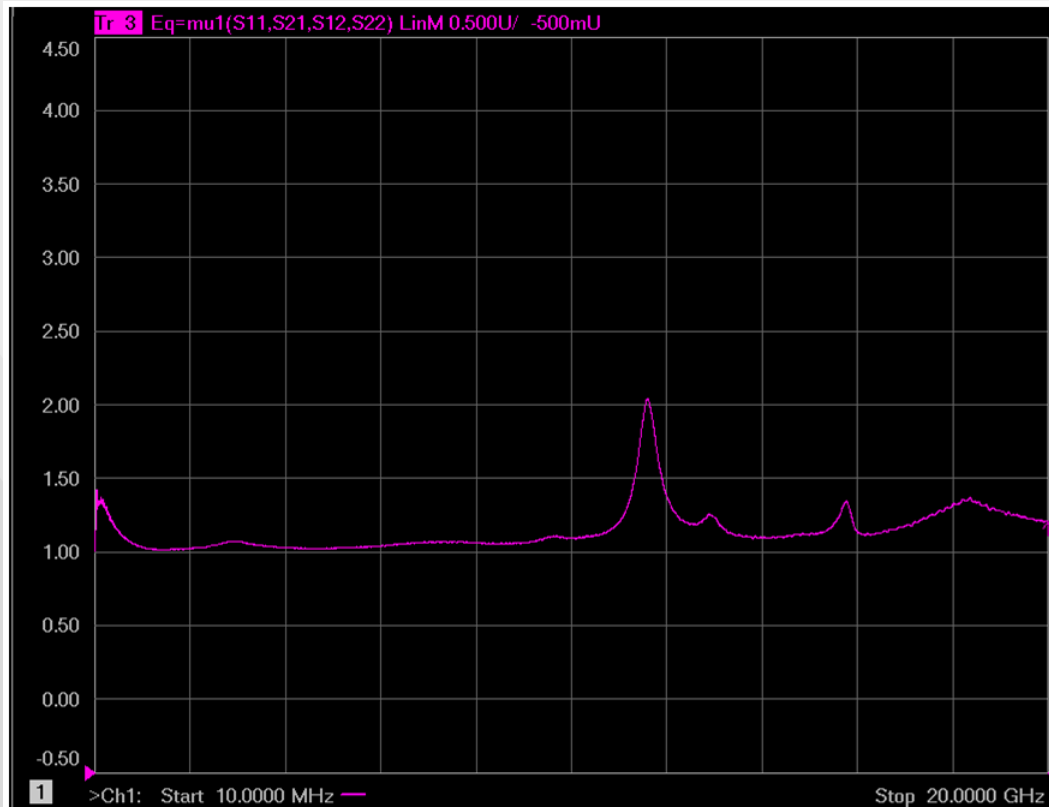
GRF5010 Schematic:



GRF5010 Response:



GRF5010 Stability Mu Factor:



GRF5010 Data:

Bias Point	Freq MHz	Vdd	Iddq mA	Pout/Ptone dBm	Gain dB	IIP3 dBm	OIP3 dBm	IP1dB dBm	OP1dB dBm	EVB NFdB
5.0V/100mA	70	5.0	99.2	8.0	28.9	13.3	42.3	-5.3	22.7	1.27
5.0V/100mA	100	5.0	99.2	8.0	29.1	12.3	41.4	-5.3	22.8	0.92
5.0V/100mA	150	5.0	99.2	8.0	28.8	10.3	39.1	-4.8	23.0	0.83
Bias Point	Freq MHz	Vdd	Iddq mA	Pout/Ptone dBm	Gain dB	IIP3 dBm	OIP3 dBm	IP1dB dBm	OP1dB dBm	EVB NFdB
8.0V/135mA	70	8.0	136.3	8.0	29.4	15.4	44.8	-1.7	26.7	1.35
8.0V/135mA	100	8.0	136.3	8.0	29.5	13.8	43.2	-1.7	26.7	1.01
8.0V/135mA	150	8.0	136.3	8.0	29.2	10.9	40.1	-1.0	27.0	0.88



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