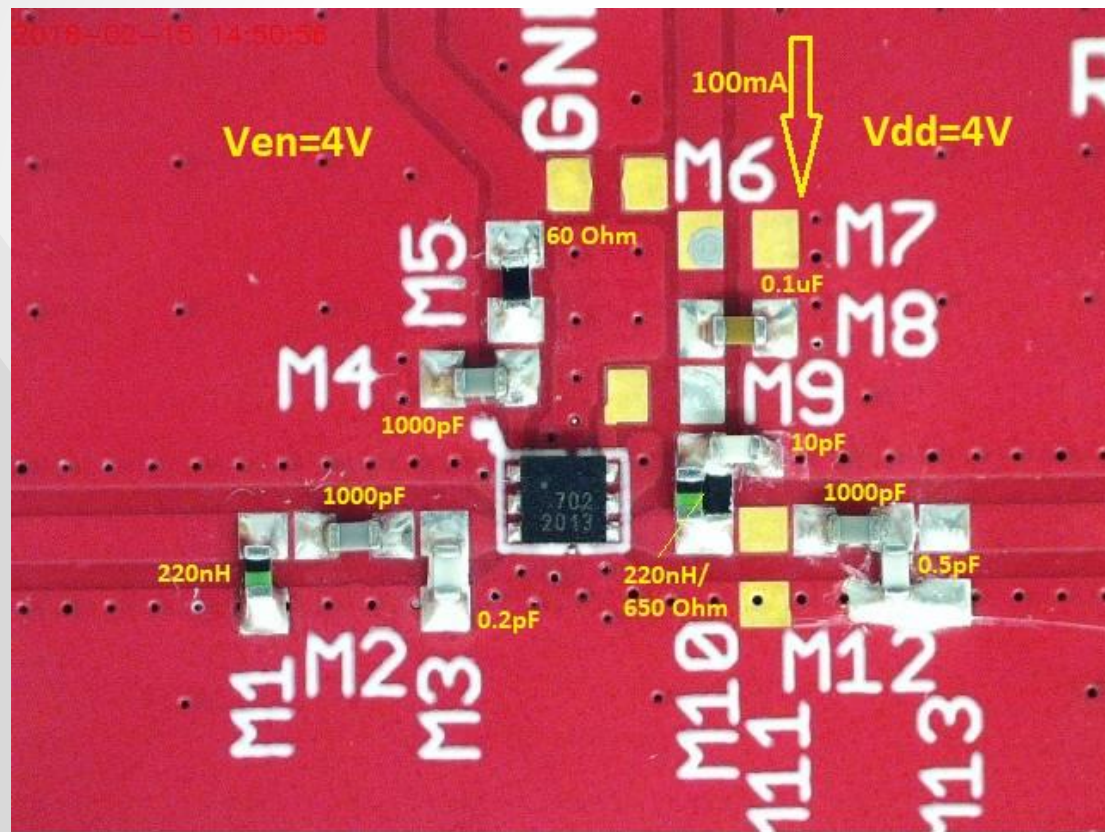


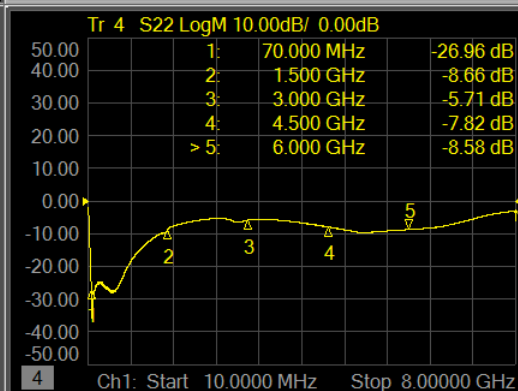
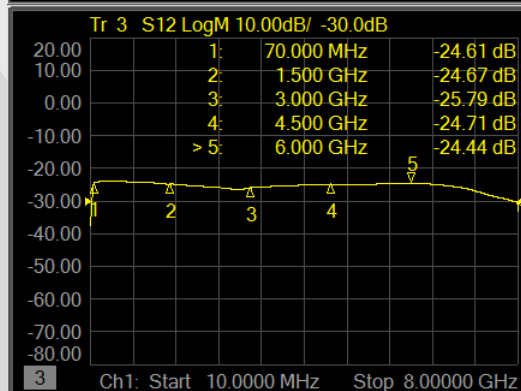
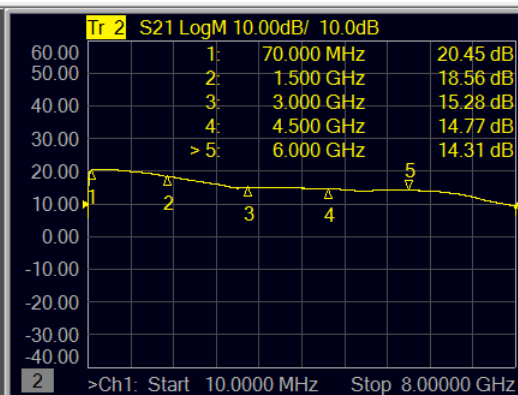
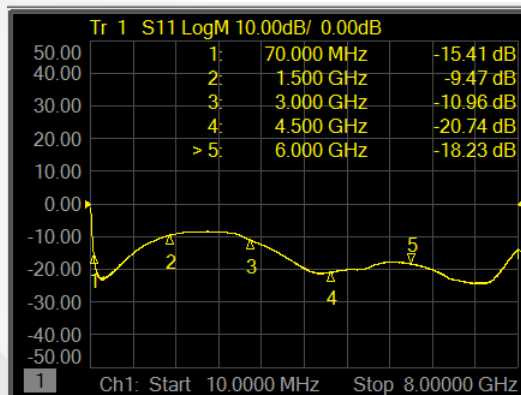


GRF2013 (70 - 6000 MHz)

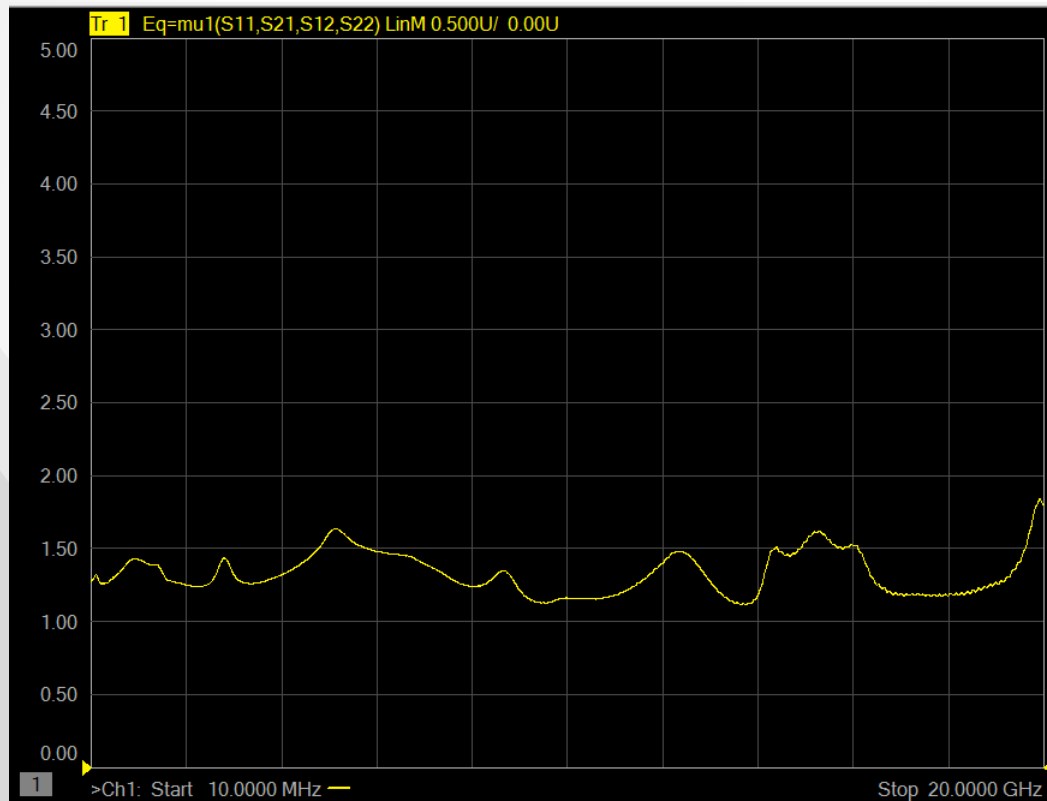
GRF2013 Schematic:



GRF2013 Response:



GRF2013 Stability Mu Factor:



GRF2013 Data:

Bias Point	Freq MHz	Vdd V	Ven V	Iddq mA	Ien mA	Pout/Ptone dBm	gain dB	tone spacing MHz	IIP3 dBm	OIP3 dBm	IP1dB dBm	OP1dB dBm	EVB NF dB
4.0V/100mA	70	4.0	4.0	103.0	6.7	0.0	20.5	2.0	15.6	36.1	0.7	20.1	1.7
4.0V/100mA	200	4.0	4.0	103.0	6.6	0.0	20.7	2.0	17.5	38.2	0.7	20.5	1.3
4.0V/100mA	500	4.0	4.0	103.0	6.6	0.0	20.6	2.0	17.6	38.2	1.1	20.6	1.4
4.0V/100mA	1000	4.0	4.0	103.0	6.6	0.0	19.8	2.0	16.7	36.5	1.7	20.5	1.2
4.0V/100mA	2000	4.0	4.0	103.0	6.7	0.0	17.3	2.0	17.8	35.1	3.9	20.1	1.3
4.0V/100mA	3000	4.0	4.0	103.0	6.7	0.0	15.2	2.0	19.6	34.8	6.1	20.3	1.6
4.0V/100mA	4000	4.0	4.0	103.0	6.6	0.0	14.9	2.0	20.6	35.5	6.5	20.4	1.7
4.0V/100mA	5000	4.0	4.0	103.0	6.7	0.0	14.3	2.0	20.8	35.1	5.8	19.1	2.1
4.0V/100mA	6000	4.0	4.0	103.0	6.7	0.0	14.6	2.0	18.9	33.5	4.9	18.4	2.1



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