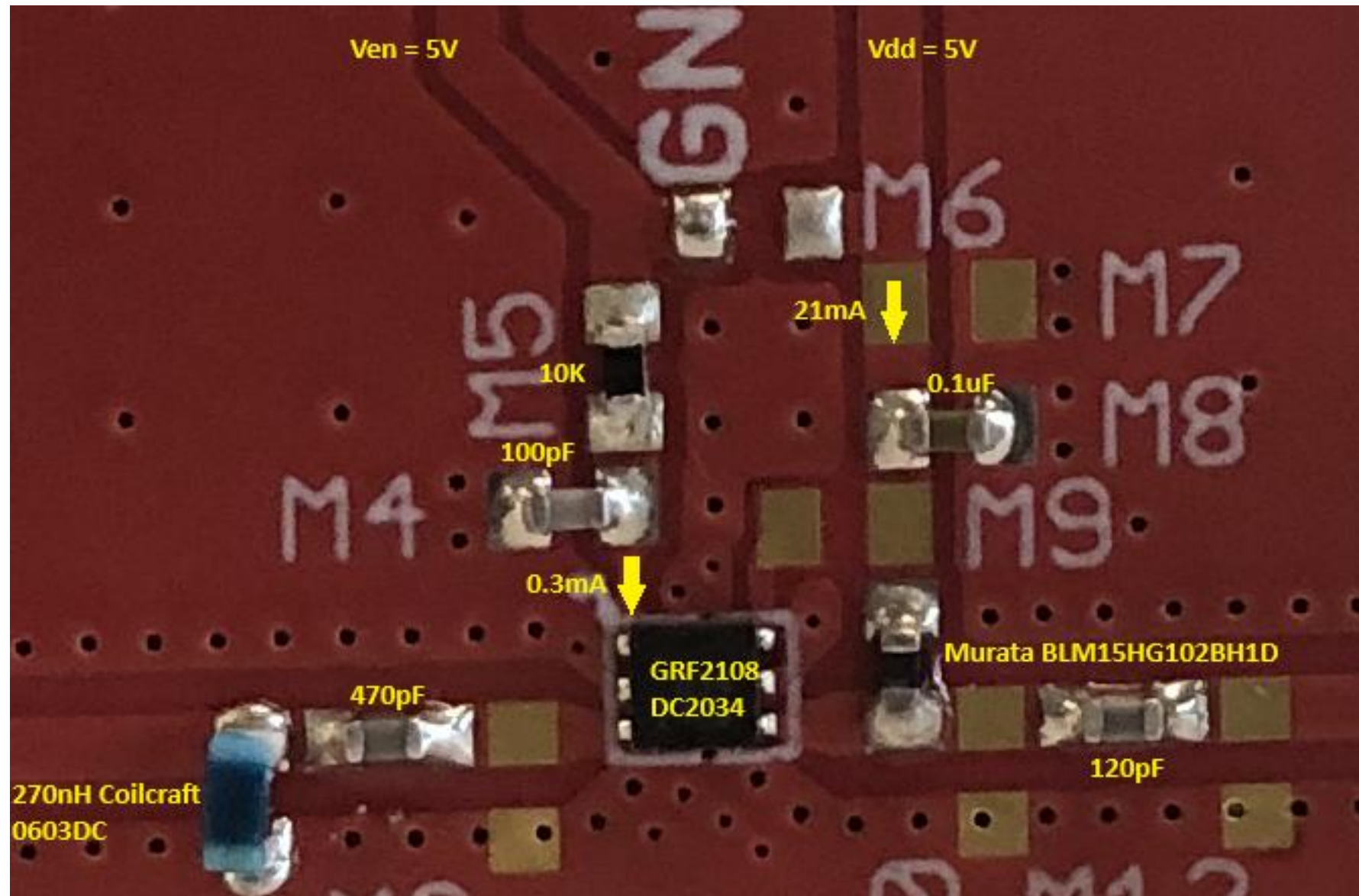




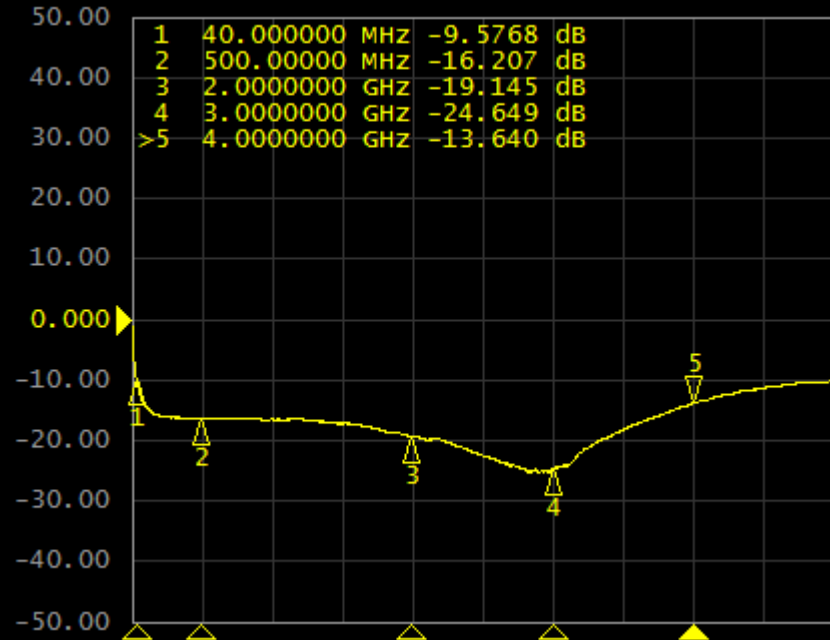
GRF2108 40-4000 MHz

Schematic:



Response:

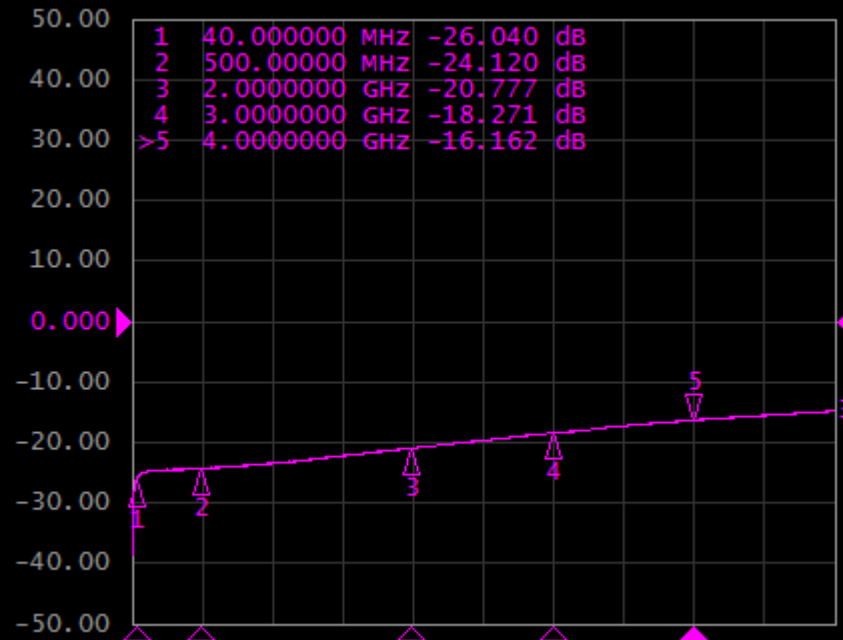
Tr1 S11 Log Mag 10.00dB/ Ref 0.000dB [F2]



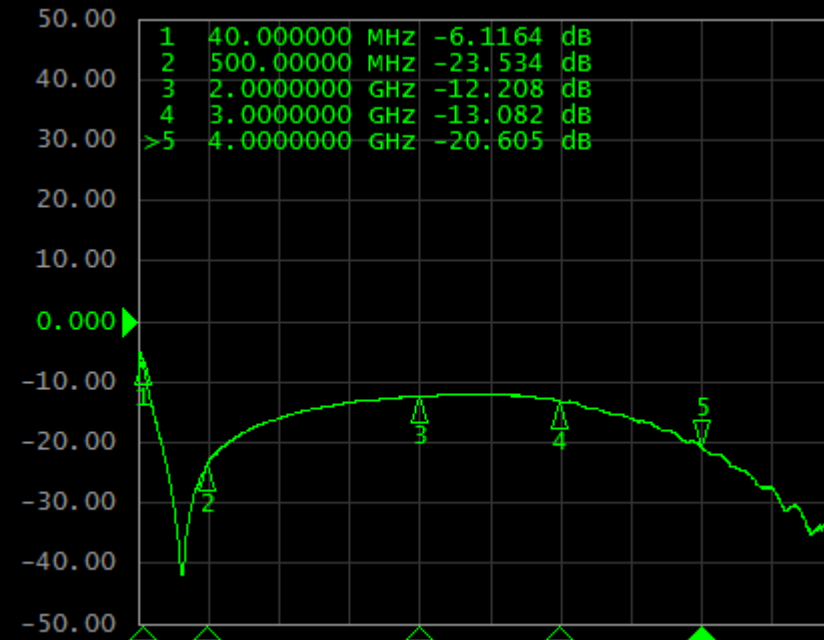
Tr2 S21 Log Mag 10.00dB/ Ref 0.000dB [F2]



Tr3 S12 Log Mag 10.00dB/ Ref 0.000dB [F2]



Tr4 S22 Log Mag 10.00dB/ Ref 0.000dB [F2]



1 Start 10 MHz

IFBW 10 kHz

Stop 5 GHz



Standard Data:

Freq MHz	Vdd V	Iddq mA	Ven V	Ien mA	IP3 Tone Power dBm	IP3 Tone Spacing MHz	gain dB	IIP3 dBm	OIP3 dBm	IP1dB dBm	OP1dB dBm	EVB NF dB
40	5	21	5	0.3	-2	2	20.1	4.1	24.2	3.1	22.2	1.8
100	5	21	5	0.3	-2	2	20.8	3.8	24.6	2.3	22.1	1
500	5	21	5	0.3	-2	2	20	5.1	25.1	0.3	19.3	0.86
1000	5	21	5	0.3	-2	2	18.1	7.5	25.6	1.9	19	0.79
2000	5	21	5	0.3	-2	2	14.5	12.4	26.9	6.9	20.4	0.9
3000	5	21	5	0.3	-2	2	11.7	16.7	28.4	10.9	21.6	0.92
4000	5	21	5	0.3	-2	2	9.6	20	29.6	13.4	22	1.1



Contact Us

Frank Nicosia
Technical Director

fnicosia@guerrilla-rf.com

336-639-1625