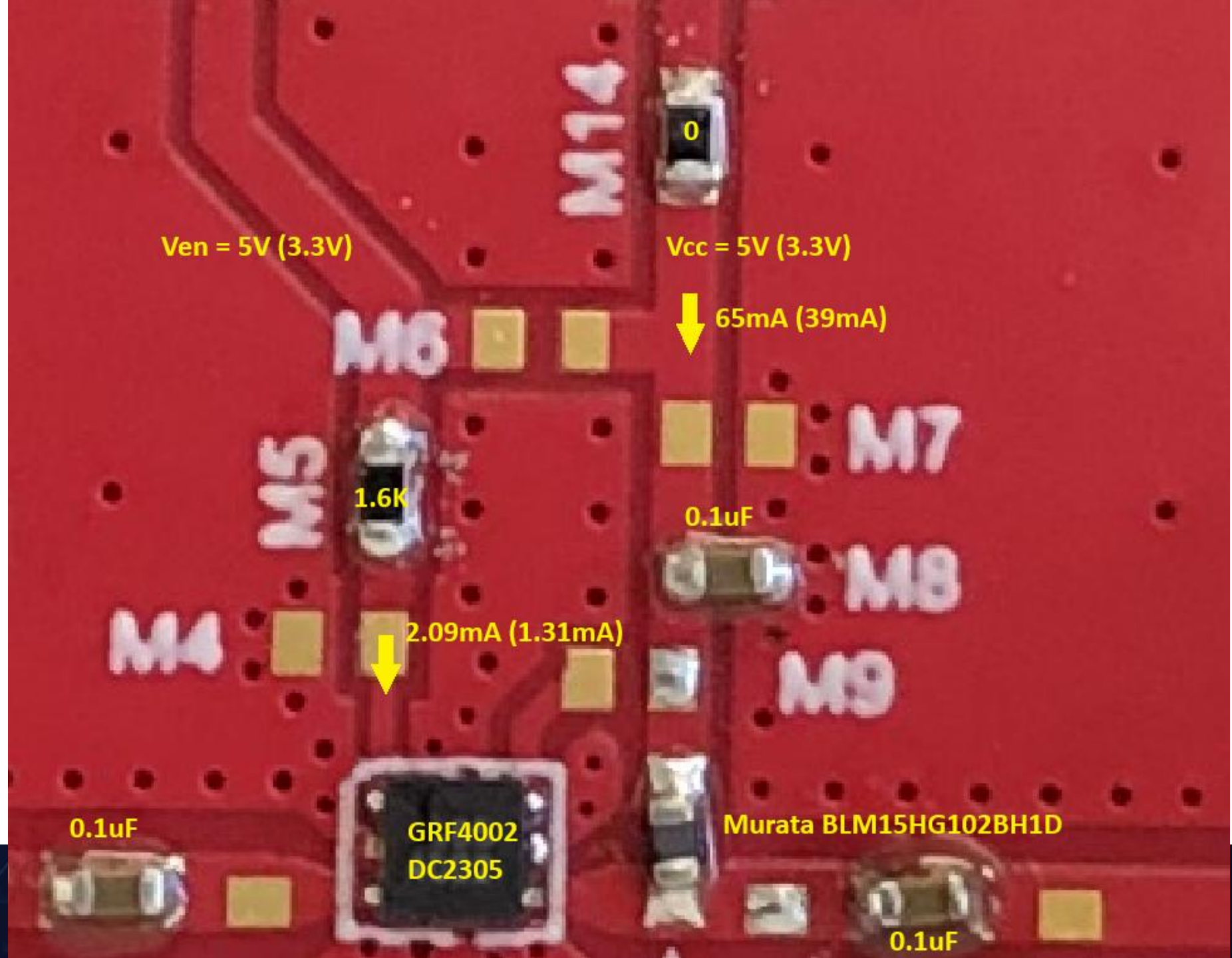




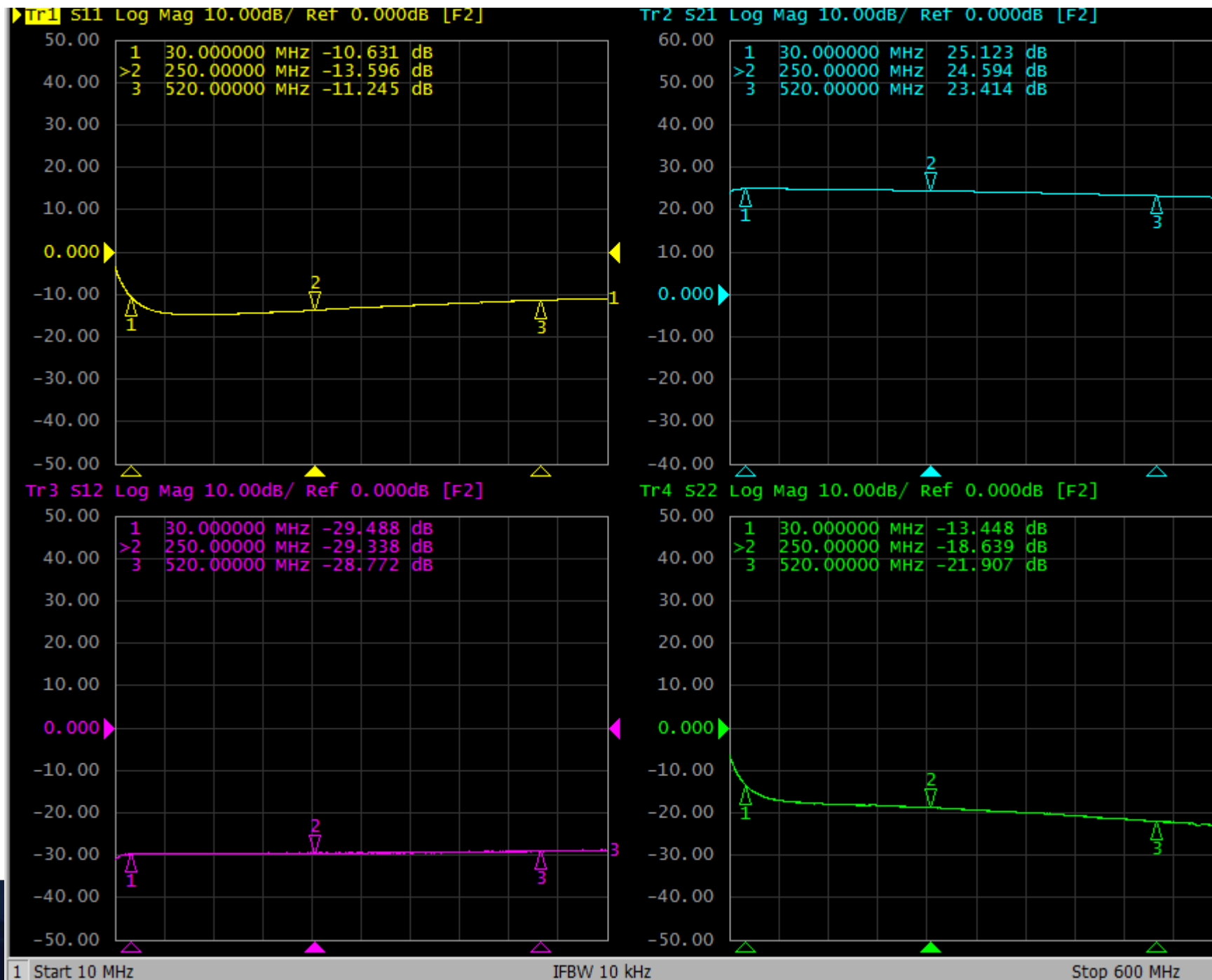
GRF4002
30-520 MHz

10/7/26

Schematic:



Response:



Data:

Freq MHz	Vdd V	Iddq mA	Ven1 V	Ien1 mA	IP3 Tone Power dBm	IP3 Tone Spacing MHz	Gain dB	IIP3 dBm	OIP3 dBm	IP1dB dBm	OP1dB dBm	EVB NF dB
30	5	65	5	2.09	2	2	25.2	4.3	29.5	-3.8	20.4	1.6
50	5	65	5	2.09	2	2	25.2	5	30.2	-2.9	21.3	1.2
100	5	65	5	2.09	2	2	25.1	6.1	31.2	-2.1	22	0.9
250	5	65	5	2.09	2	2	24.6	7.8	32.4	-1.1	22.5	0.8
520	5	65	5	2.09	2	2	23.2	10.2	33.4	0.5	22.7	0.8
30	3.3	39	3.3	1.31	2	2	24.3	4.1	28.4	-4.5	18.8	x
50	3.3	39	3.3	1.31	2	2	24.3	4.8	29.1	-4.3	19	x
100	3.3	39	3.3	1.31	2	2	24.3	5.5	29.8	-4.2	19.1	x
250	3.3	39	3.3	1.31	2	2	23.9	6.1	30	-3.5	19.4	x
520	3.3	39	3.3	1.31	2	2	22.6	8.4	31	-2.2	19.4	x



Frank Nicosia
Technical Director
fnicosia@guerrilla-rf.com
336-639-1625