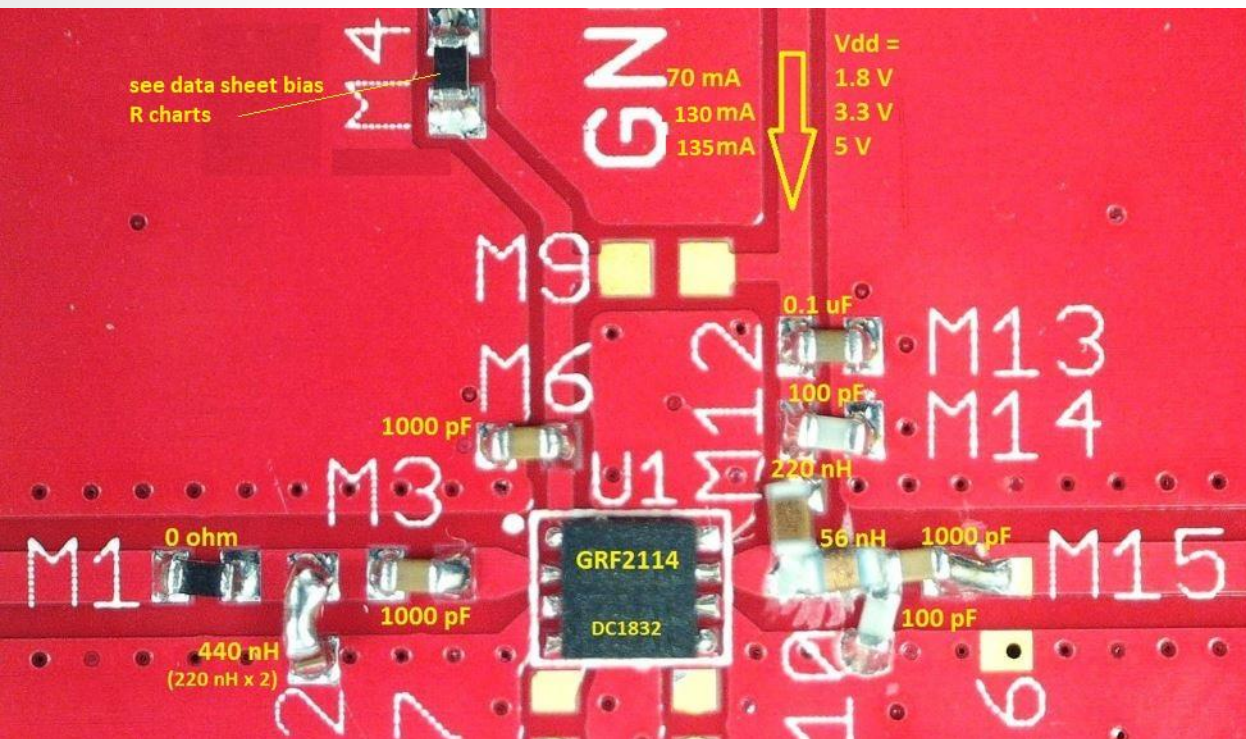


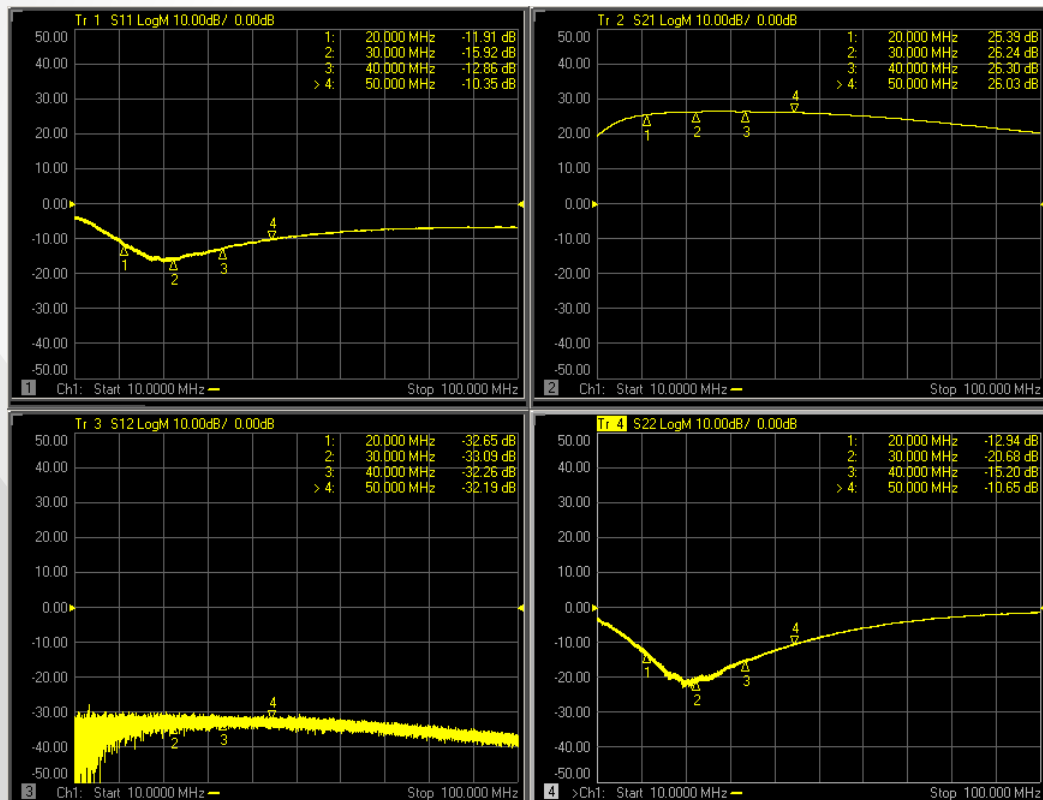


GRF2114 (20 - 50 MHz)

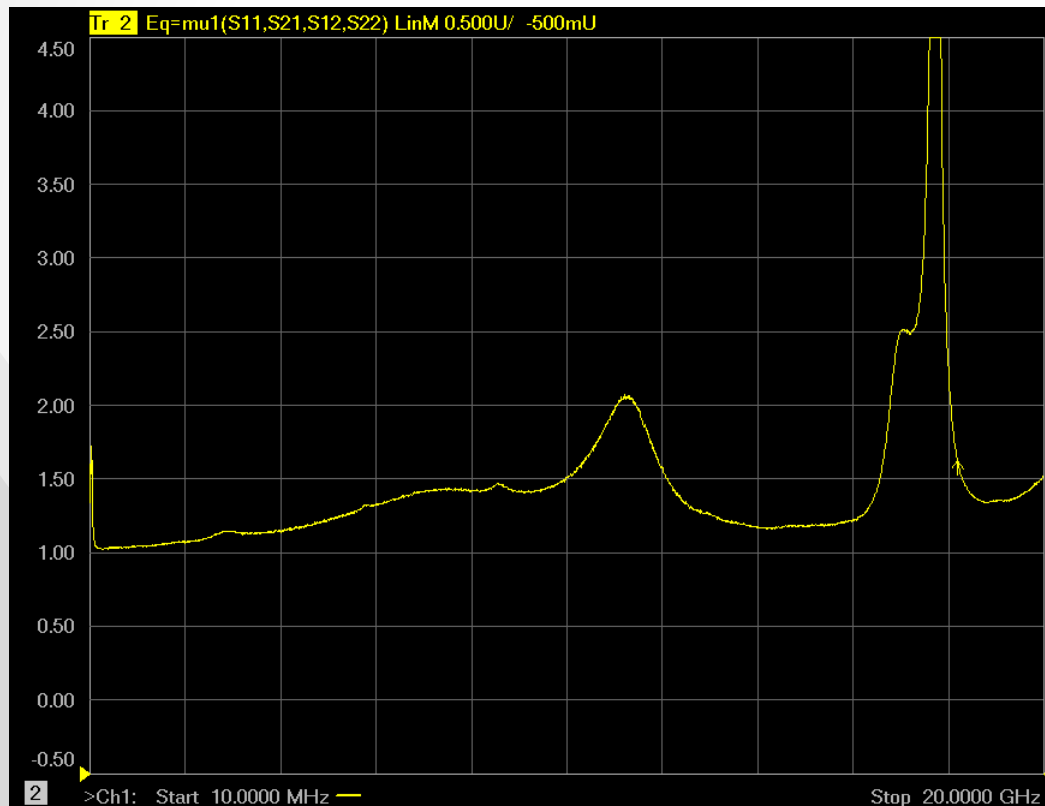
GRF2114 Schematic:



GRF2114 Response:



GRF2114 Stability Mu Factor:



GRF2114 Data:

Descriptor	Freq MHz	Vdd	Iddq mA	Pout/Ptone dBm	Gain dB	IIP3 dBm	OIP3 dBm	IP1dB dBm	OP1dB dBm	NF
GRF2114_1.8V	20	1.8	70.0	0.0	24.5	6.8	31.3	-9.0	14.4	2.11
GRF2114_1.8V	30	1.8	70.0	0.0	25.5	8.5	33.9	-9.0	15.4	1.54
GRF2114_1.8V	40	1.8	70.0	0.0	25.5	7.3	32.8	-8.0	16.3	1.28
GRF2114_1.8V	50	1.8	70.0	0.0	25.3	5.0	30.3	-8.0	16.3	1.14
Descriptor	Freq MHz	Vdd	Iddq mA	Pout/Ptone dBm	Gain dB	IIP3 dBm	OIP3 dBm	IP1dB dBm	OP1dB dBm	NF
GRF2114_3.3V	20	3.3	130.0	4.0	25.3	16.6	41.9	-4.7	19.6	2.44
GRF2114_3.3V	30	3.3	130.0	4.0	26.2	18.9	45.0	-4.0	20.9	1.76
GRF2114_3.3V	40	3.3	130.0	4.0	26.2	12.3	38.5	-4.4	20.7	1.45
GRF2114_3.3V	50	3.3	130.0	4.0	26.1	8.5	34.6	-5.7	19.4	1.29
Descriptor	Freq MHz	Vdd	Iddq mA	Pout/Ptone dBm	Gain dB	IIP3 dBm	OIP3 dBm	IP1dB dBm	OP1dB dBm	NF
GRF2114_5V	20	5.0	135.0	6.0	25.5	7.3	32.8	-4.2	20.3	2.84
GRF2114_5V	30	5.0	135.0	6.0	26.3	8.5	34.8	-3.2	22.0	2.01
GRF2114_5V	40	5.0	135.0	6.0	26.2	8.1	34.3	-3.9	21.3	1.69
GRF2114_5V	50	5.0	135.0	6.0	26.1	6.6	32.6	-5.0	20.0	1.52



Jeff Broxson

Vice President - Sales

Phone (336) 339-9314

jbroxson@guerrilla-rf.com

Alan Ake

Vice President - Applications/Technical Marketing

Phone (336) 708-4581

aake@guerrilla-rf.com

Guerrilla RF

1196 Pleasant Ridge Road, Suite 5
Greensboro, NC 27409

Phone: (336) 510-7840

www.guerrilla-rf.com