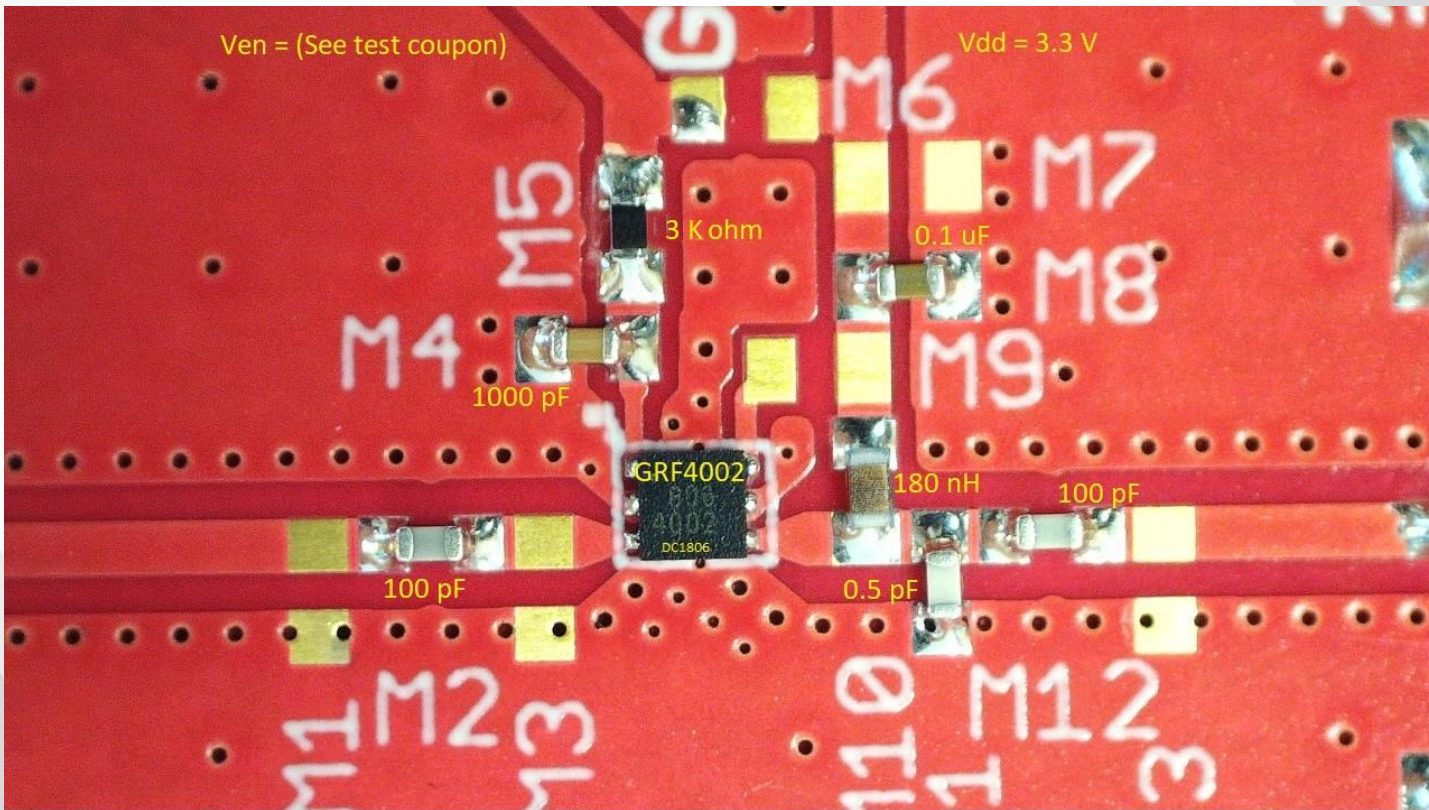


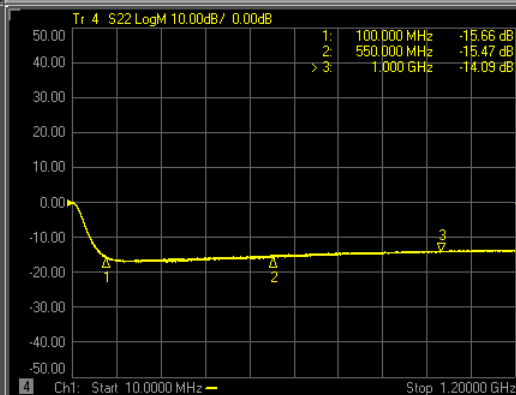
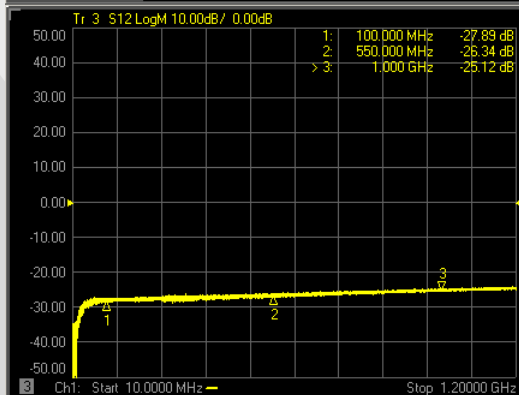
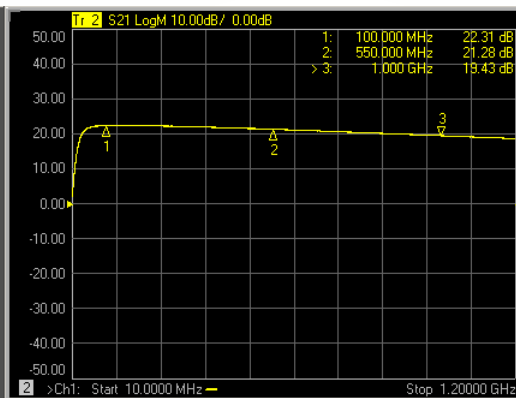
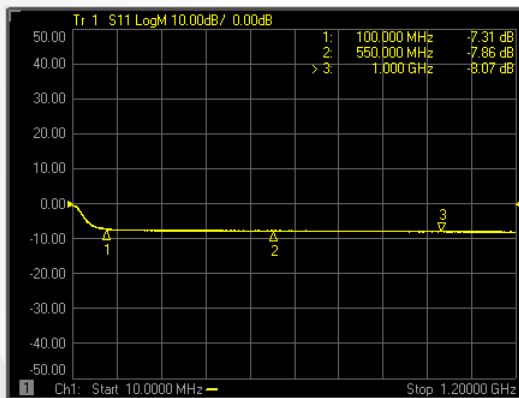


GRF4002 (100 - 1000 MHz)

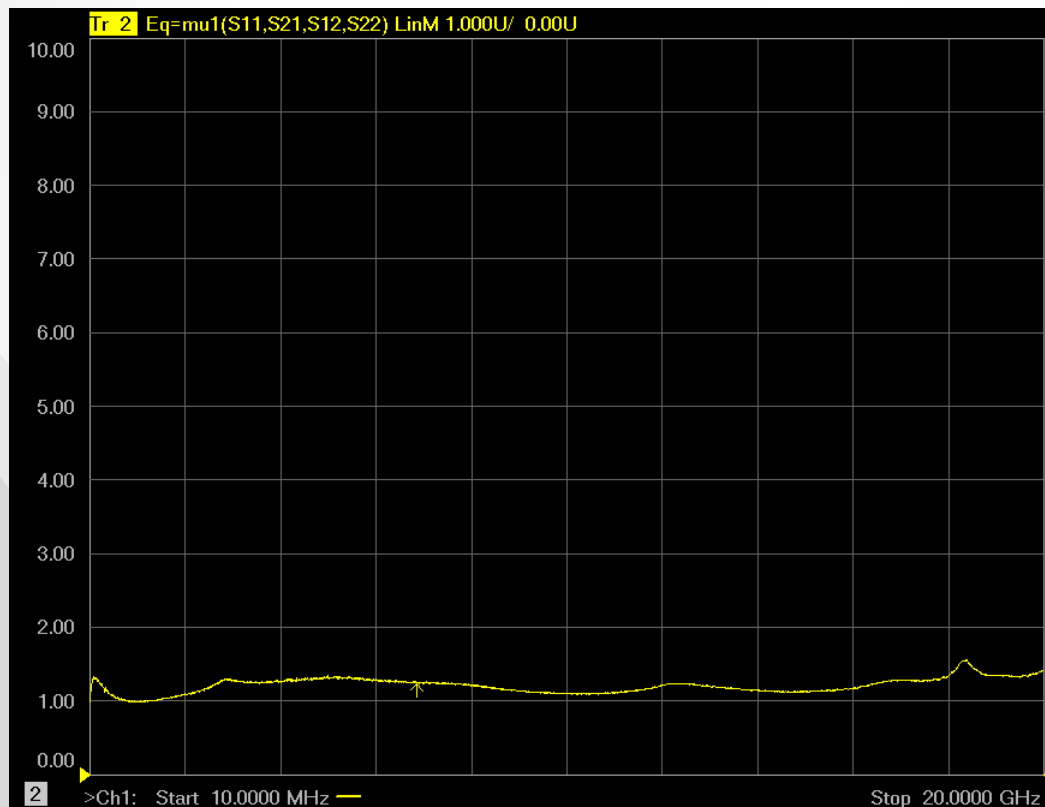
GRF4002 Schematic:



GRF4002 Response:



GRF4002 Stability Mu Factor:



GRF4002 Data:

Descriptor	Freq MHz	Vdd	Iddq mA	Ven	Ien mA	Pout/Ptone dBm	Gain dB	IIP3 dBm	OIP3 dBm	IP1dB dBm	OP1dB dBm	NF
GRF4002 #234_10 mA	100	3.3	10.1	1.0	0.4	2.0	20.4	3.3	23.8	-1.0	18.5	x
GRF4002 #234_10 mA	550	3.3	10.1	1.0	0.4	2.0	19.7	2.0	21.7	0.0	18.8	x
GRF4002 #234_10 mA	1000	3.3	10.1	1.0	0.4	2.0	18.0	3.0	21.0	2.0	19.0	x
Descriptor	Freq MHz	Vdd	Iddq mA	Ven	Ien mA	Pout/Ptone dBm	Gain dB	IIP3 dBm	OIP3 dBm	IP1dB dBm	OP1dB dBm	NF
GRF4002 #234_15 mA	100	3.3	15.3	1.5	0.6	2.0	21.8	2.4	24.2	-2.6	18.3	0.88
GRF4002 #234_15 mA	550	3.3	15.3	1.5	0.5	2.0	21.0	2.3	23.3	-1.5	18.5	0.91
GRF4002 #234_15 mA	1000	3.3	15.3	1.5	0.5	2.0	19.1	3.8	22.9	0.6	18.8	0.71
Descriptor	Freq MHz	Vdd	Iddq mA	Ven	Ien mA	Pout/Ptone dBm	Gain dB	IIP3 dBm	OIP3 dBm	IP1dB dBm	OP1dB dBm	NF
GRF4002 #234_20 mA	100	3.3	20.2	2.1	0.8	2.0	22.7	3.1	25.7	-3.5	18.2	x
GRF4002 #234_20 mA	550	3.3	20.2	2.1	0.8	2.0	21.8	3.7	25.5	-2.5	18.3	x
GRF4002 #234_20 mA	1000	3.3	20.2	2.1	0.8	2.0	19.8	5.5	25.3	0.0	18.8	x
Descriptor	Freq MHz	Vdd	Iddq mA	Ven	Ien mA	Pout/Ptone dBm	Gain dB	IIP3 dBm	OIP3 dBm	IP1dB dBm	OP1dB dBm	NF
GRF4002 #234_25 mA	100	3.3	25.2	2.7	1.0	2.0	23.2	4.4	27.7	-4.0	18.2	x
GRF4002 #234_25 mA	550	3.3	25.2	2.7	1.1	2.0	22.3	5.3	27.6	-2.9	18.4	x
GRF4002 #234_25 mA	1000	3.3	25.2	2.7	1.1	2.0	20.2	7.4	27.6	-0.4	18.8	x



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