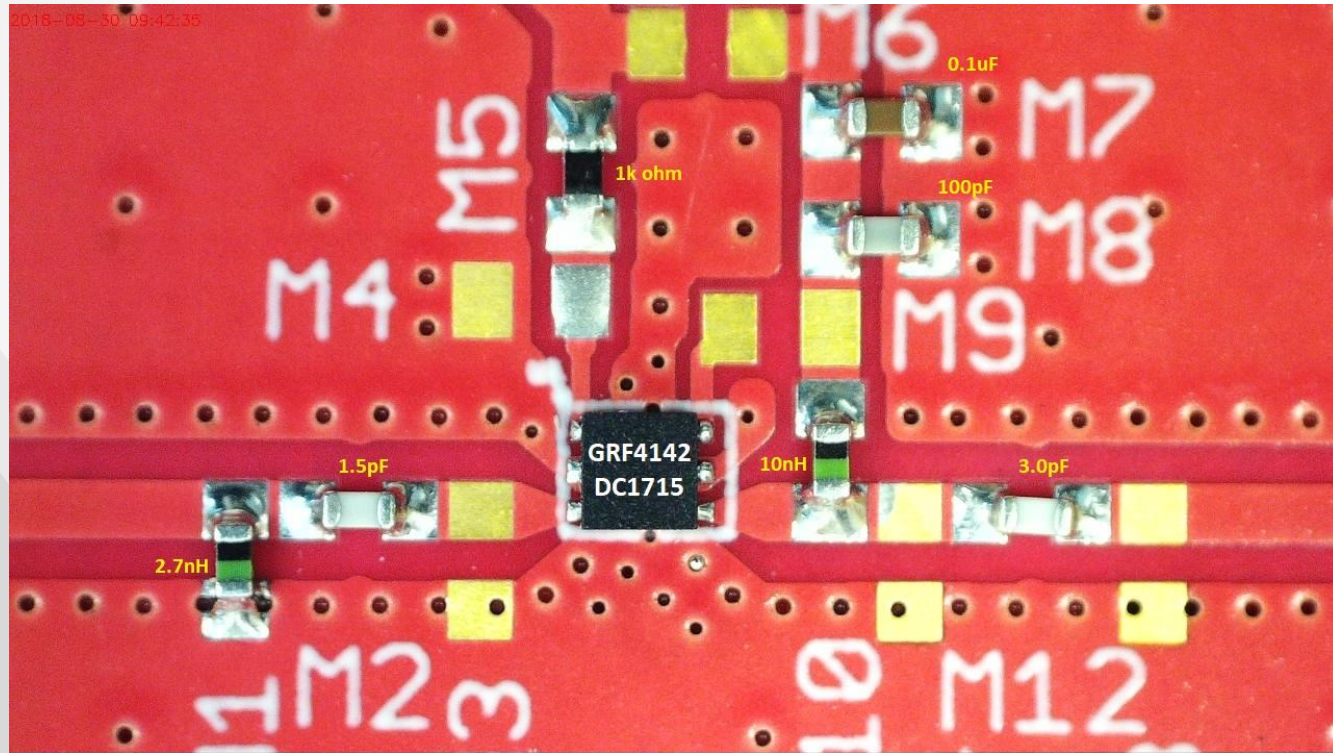


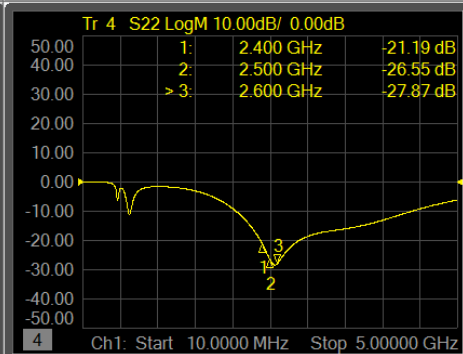
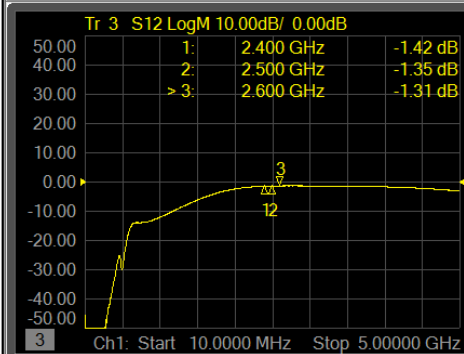
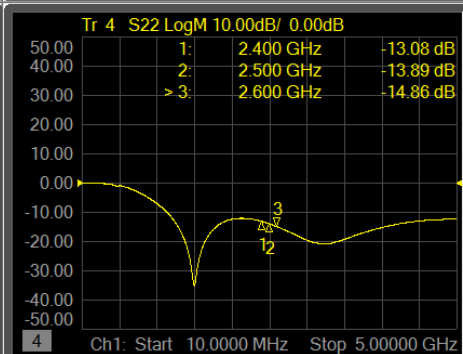
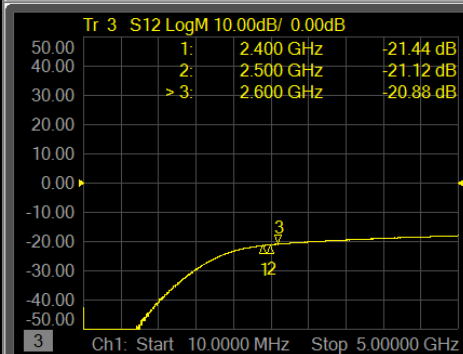
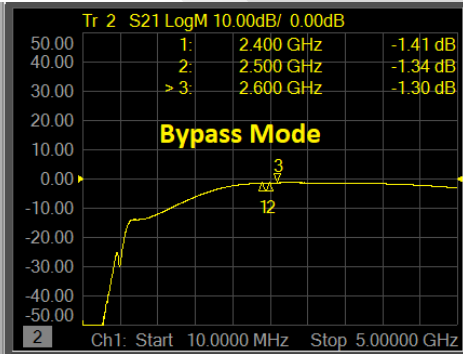
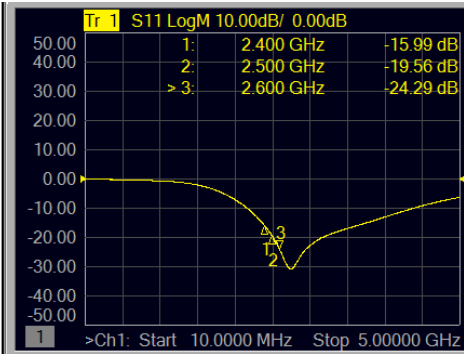
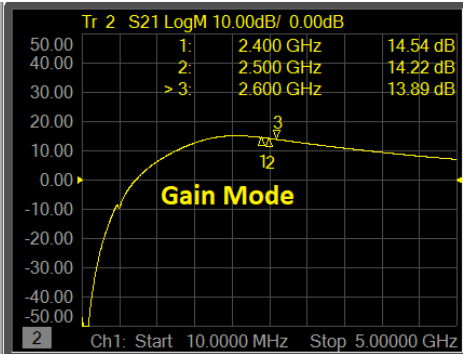
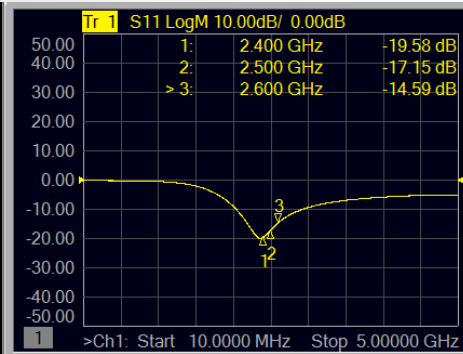


GRF4142 (2400 - 2600 MHz)

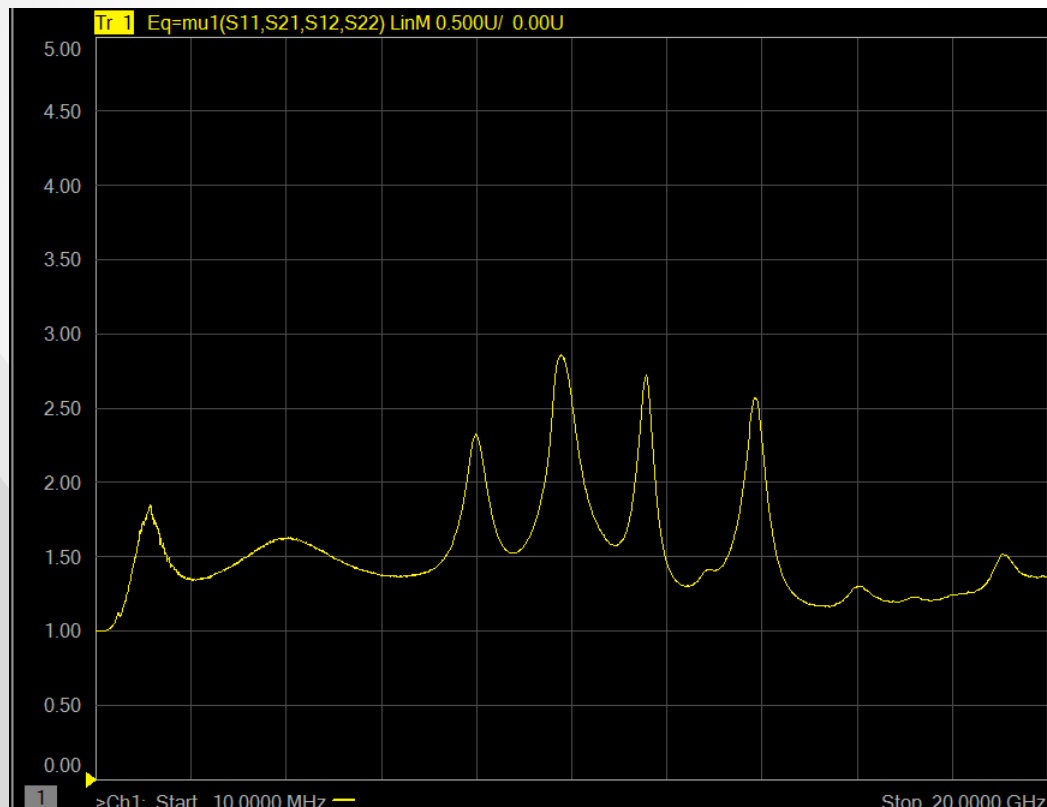
GRF4142 Schematic:



GRF4142 Response:



GRF4142 Stability Mu Factor:



GRF4142 Data:

Descriptor	Freq MHz	Vdd	Iddq mA	Gain dB	IIP3 dBm	OIP3 dBm	IP1dB dBm	OP1dB dBm	EVB NF
GRF4142 #169 Gain Mode	2400	5	74.5	14.6	21.5	36.1	7.7	21.3	1.16
GRF4142 #169 Gain Mode	2500	5	74.5	14.3	21.9	36.2	8.5	21.8	1.14
GRF4142 #169 Gain Mode	2600	5	74.5	14.0	22.2	36.2	8.7	21.7	1.13
GRF4142 #169 Bypass Mode	2400	3.3	0.5	-1.4	31.6	30.3	24.7	22.4	x
GRF4142 #169 Bypass Mode	2500	3.3	0.5	-1.2	31.2	30.0	25.0	22.8	x
GRF4142 #169 Bypass Mode	2600	3.3	0.5	-1.2	31.7	30.5	25.1	22.8	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