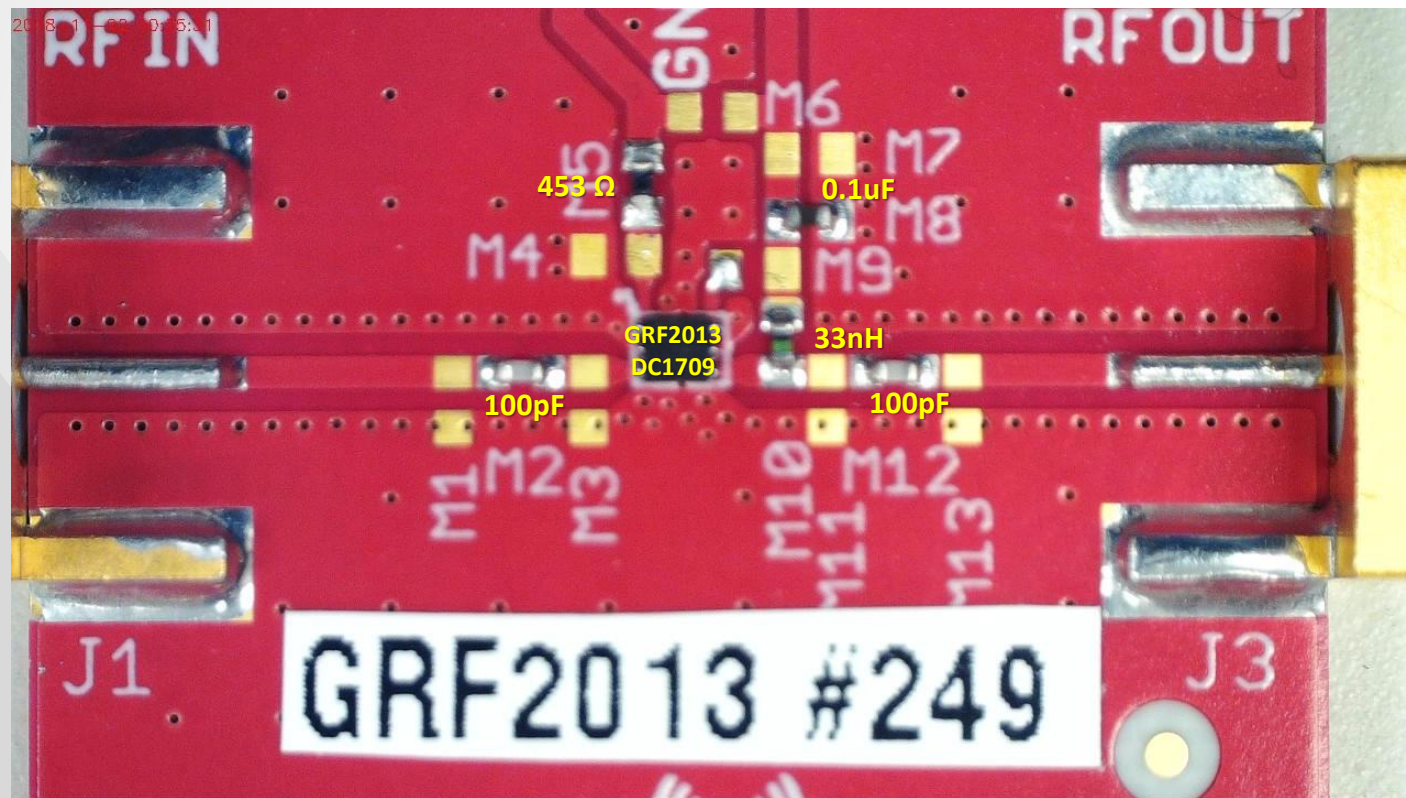




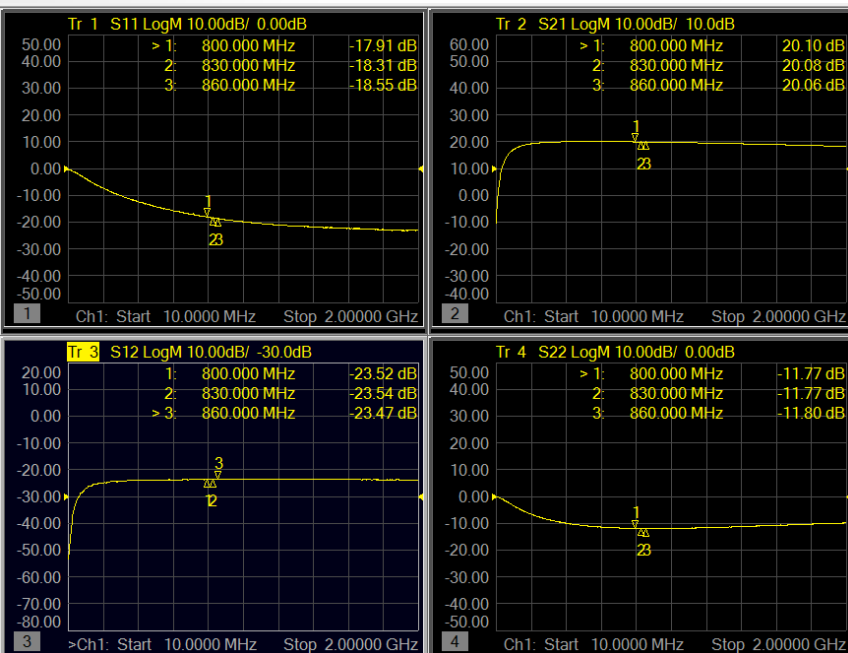
GRF2013 (800-860 MHz)

GRF2013 Schematic:

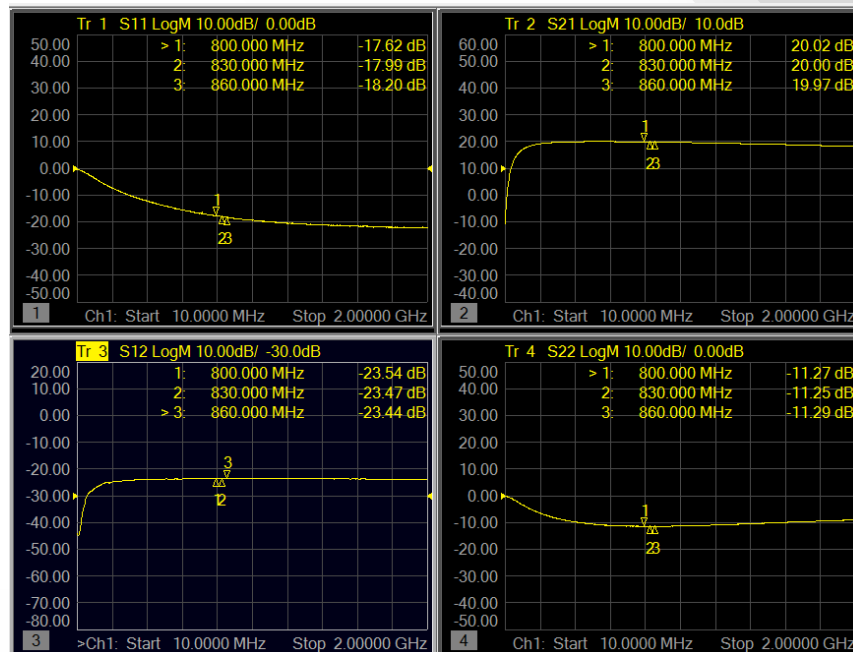


GRF2013 Response:

Vcc = 5V

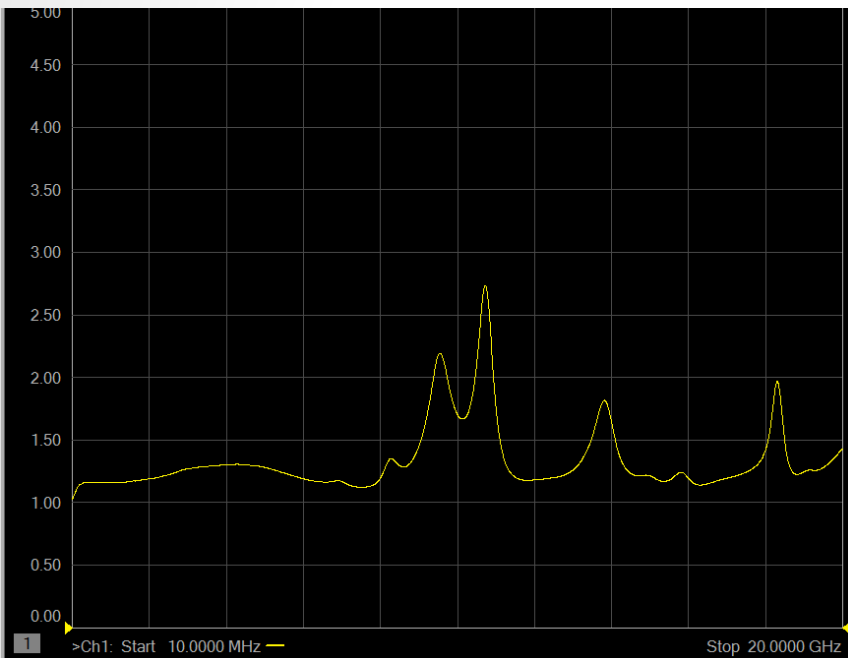


Vcc = 8V

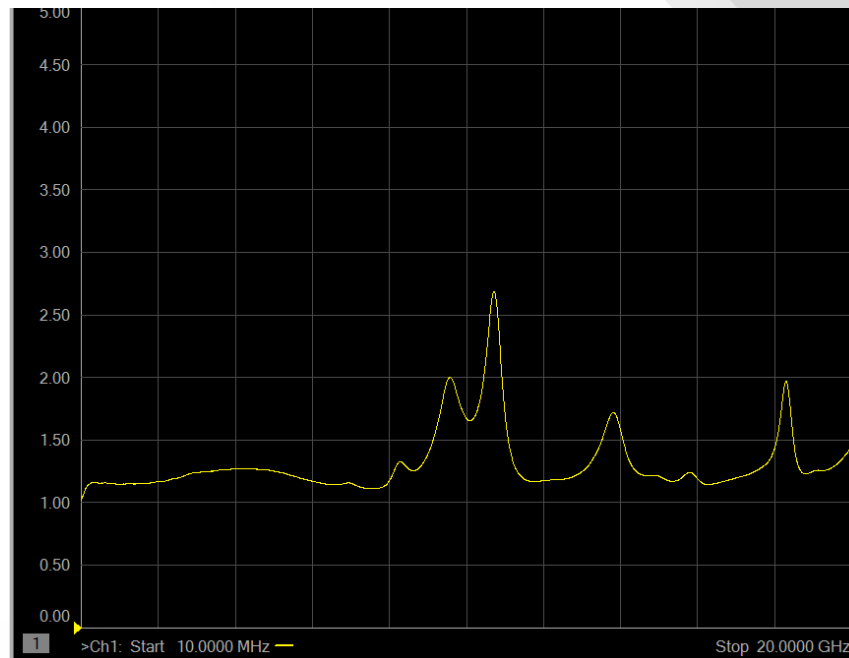


GRF2013 Stability Mu Factor:

Vcc = 5V



Vcc = 8V



GRF2013 Data:

Descriptor	Freq MHz	Vdd	Iddq mA	Ven	Ien mA	Pout/Ptone dBm	Gain dB	IIP3 dBm	OIP3 dBm	IP1dB dBm	OP1dB dBm	EVB NF
GRF2013 #249	800	5	90.5	5	5.5	1.94	20.2956	19.49195	39.7875	4	23.042	1.3
GRF2013 #249	830	5	90.5	5	5.6	1.932	20.1603	19.74525	39.9055	4	23.076	1.25
GRF2013 #249	860	5	90.5	5	5.6	1.89	19.8618	20.02075	39.8825	4.1	22.847	1.25
GRF2013 #249	800	8	102.3	5.4	5.9	1.929	20.2057	18.6918	38.8975	6	25.127	1.44
GRF2013 #249	830	8	102.3	5.4	6.1	1.932	20.0843	18.73875	38.823	6	25.066	1.41
GRF2013 #249	860	8	102.3	5.4	6.2	1.881	19.7796	18.7024	38.482	6.2	24.886	1.4



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