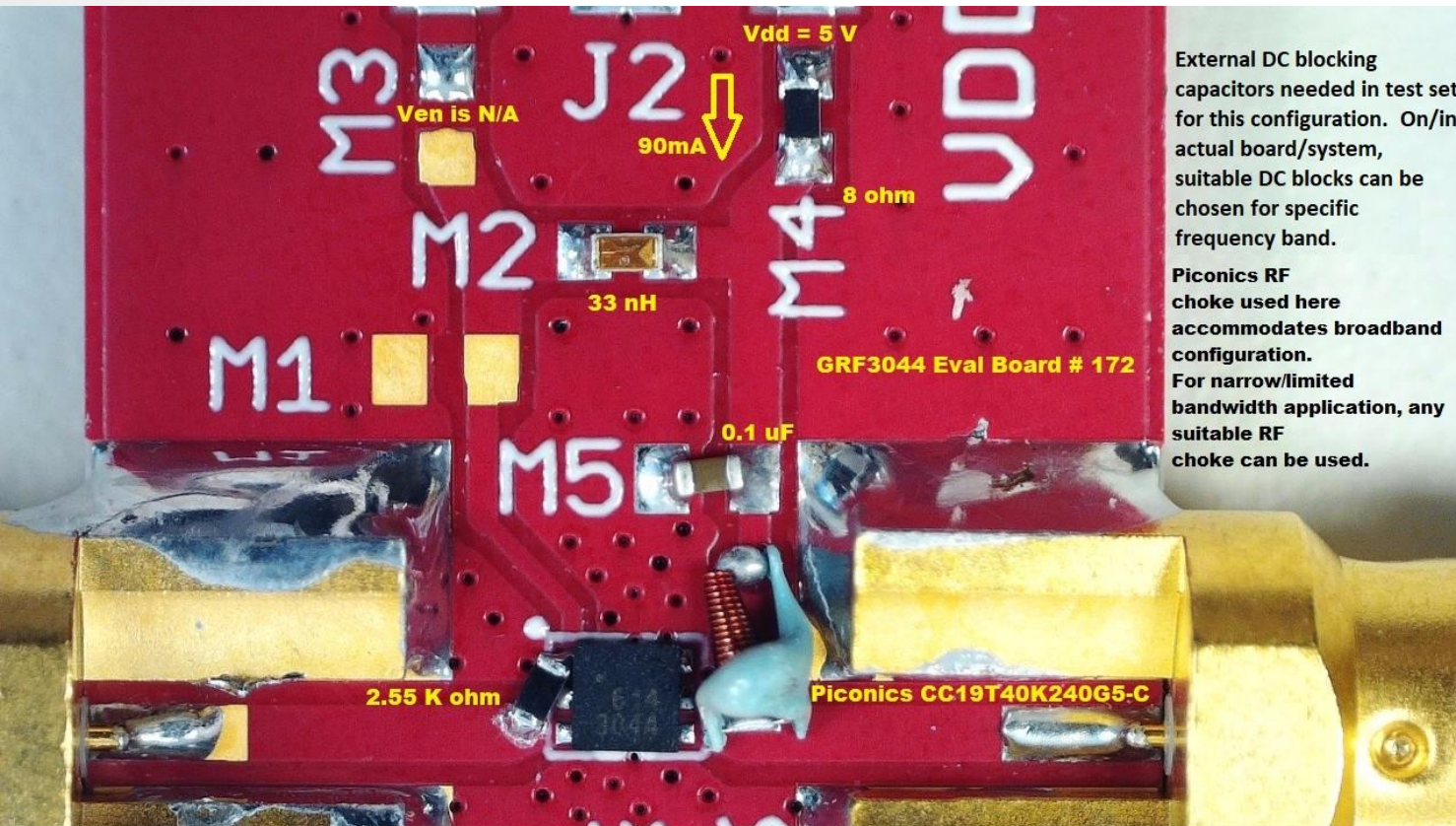




GRF3044 (5000 - 6000 MHz)

Evaluation Board # 172

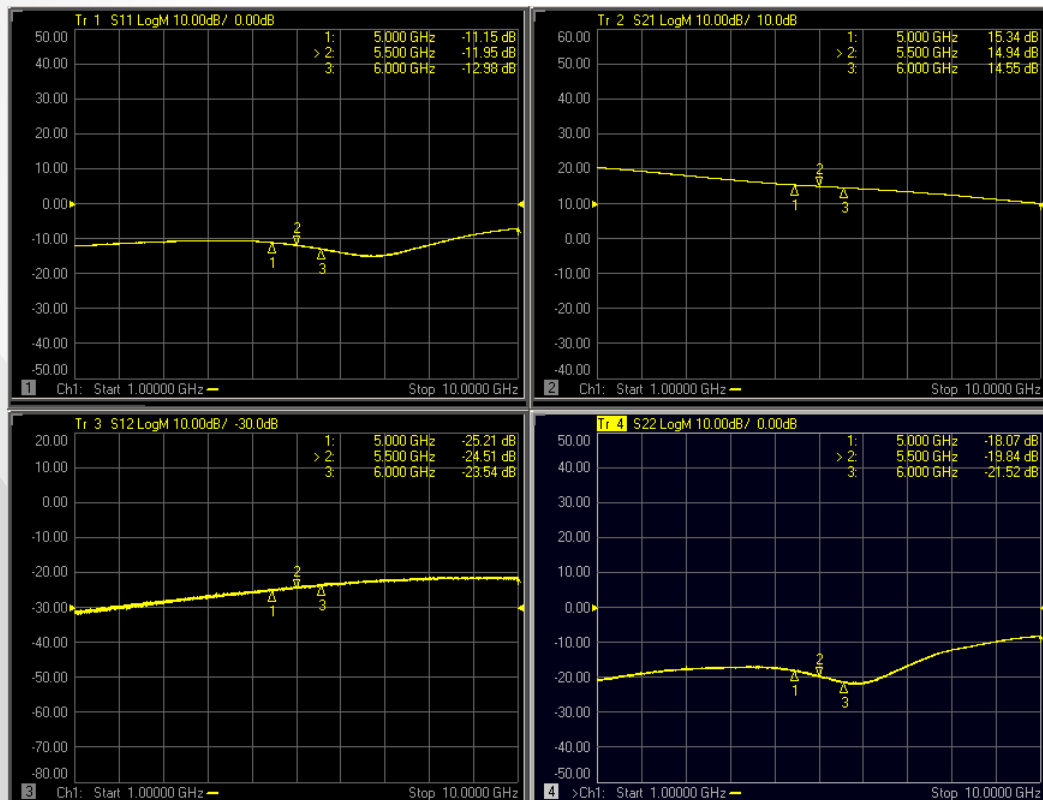
GRF3044 Schematic:



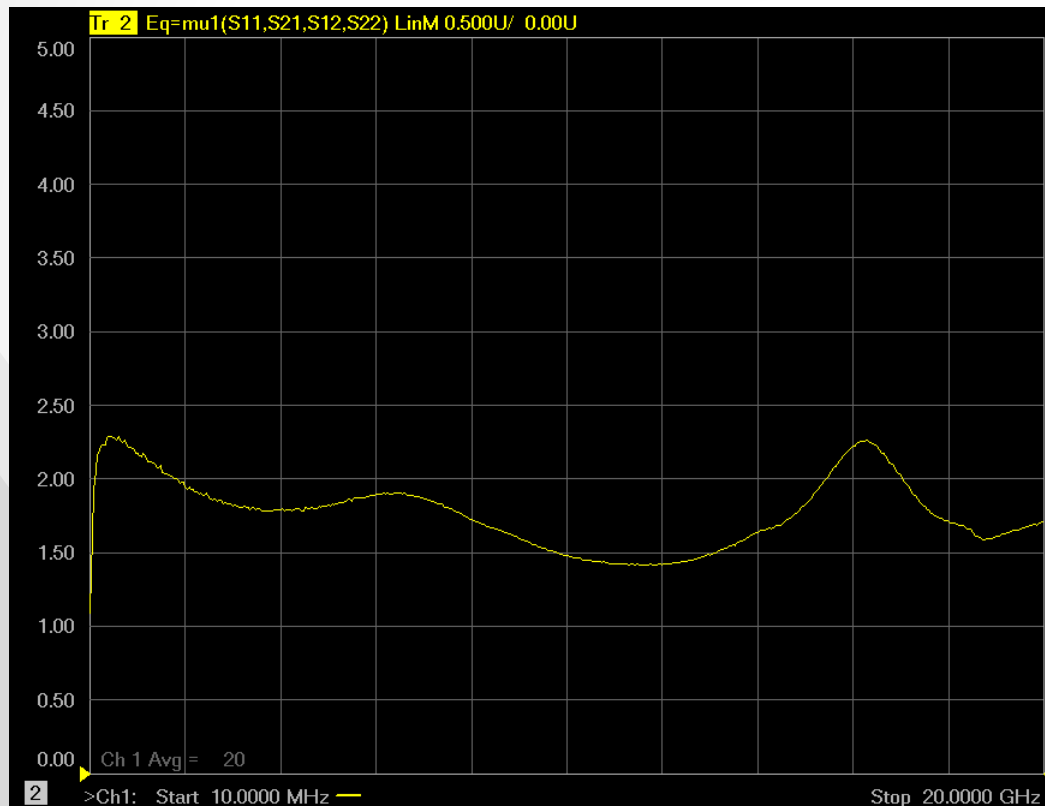
External DC blocking capacitors needed in test set for this configuration. On/in actual board/system, suitable DC blocks can be chosen for specific frequency band.

Piconics RF choke used here accommodates broadband configuration. For narrow/limited bandwidth application, any suitable RF choke can be used.

GRF3044 Response:



GRF3044 Stability Mu Factor:



GRF3044 Data:

Descriptor	Freq MHz	Vdd	Iddq mA	Gain dB	IIP3 dBm	OIP3 dBm	IP1dB dBm	OP1dB dBm	NF
GRF3044_Eval # 172_90mA	5000	5.0	90.8	15.5	13.8	29.3	3.2	17.6	2.1
GRF3044_Eval # 172_90mA	5500	5.0	90.8	14.8	13.8	28.7	3.4	17.2	2.1
GRF3044_Eval # 172_90mA	6000	5.0	90.8	14.8	13.6	28.3	3.3	17.0	2.1



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