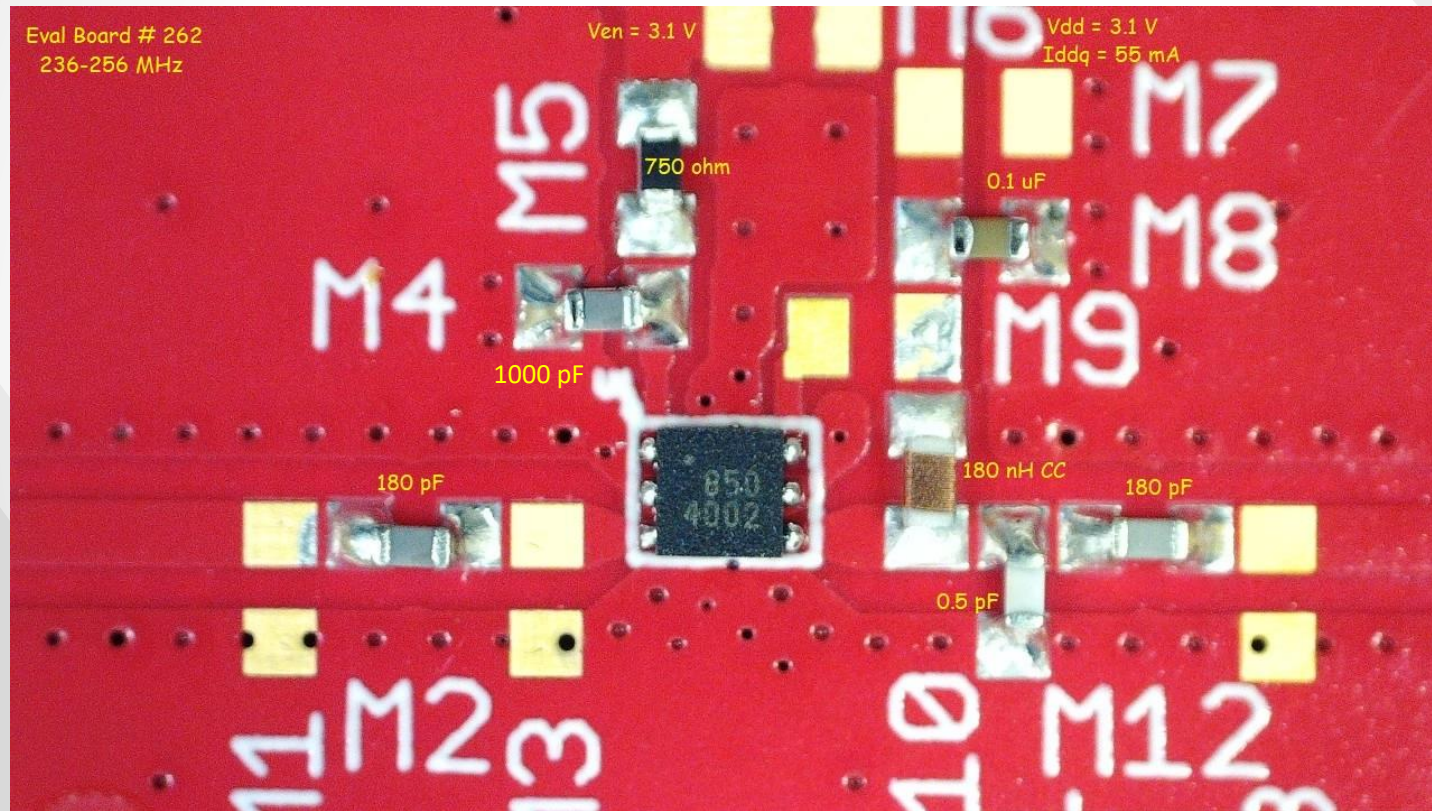




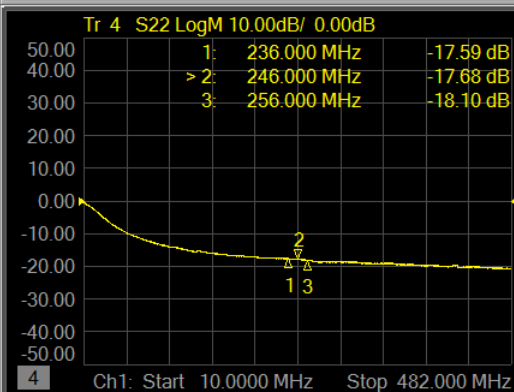
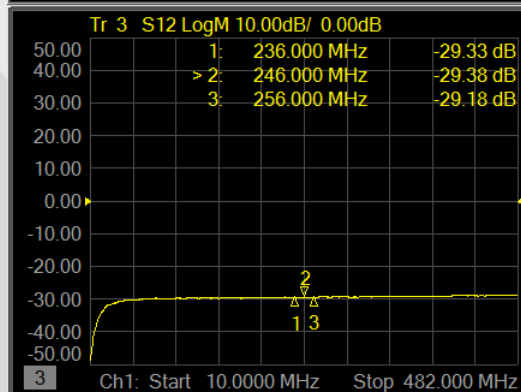
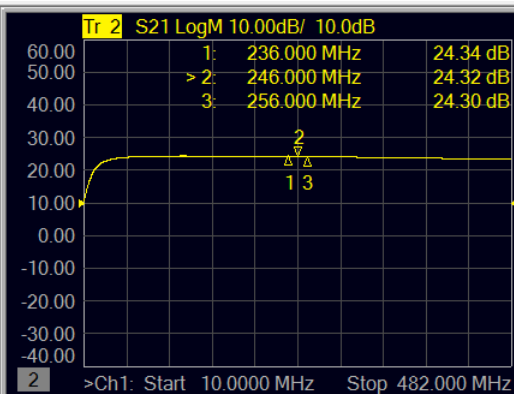
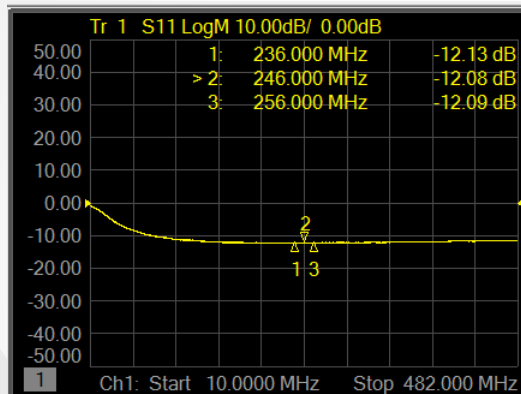
GRF4002 (236 - 256 MHz)

Evaluation Board # 262 3.1V 55mA

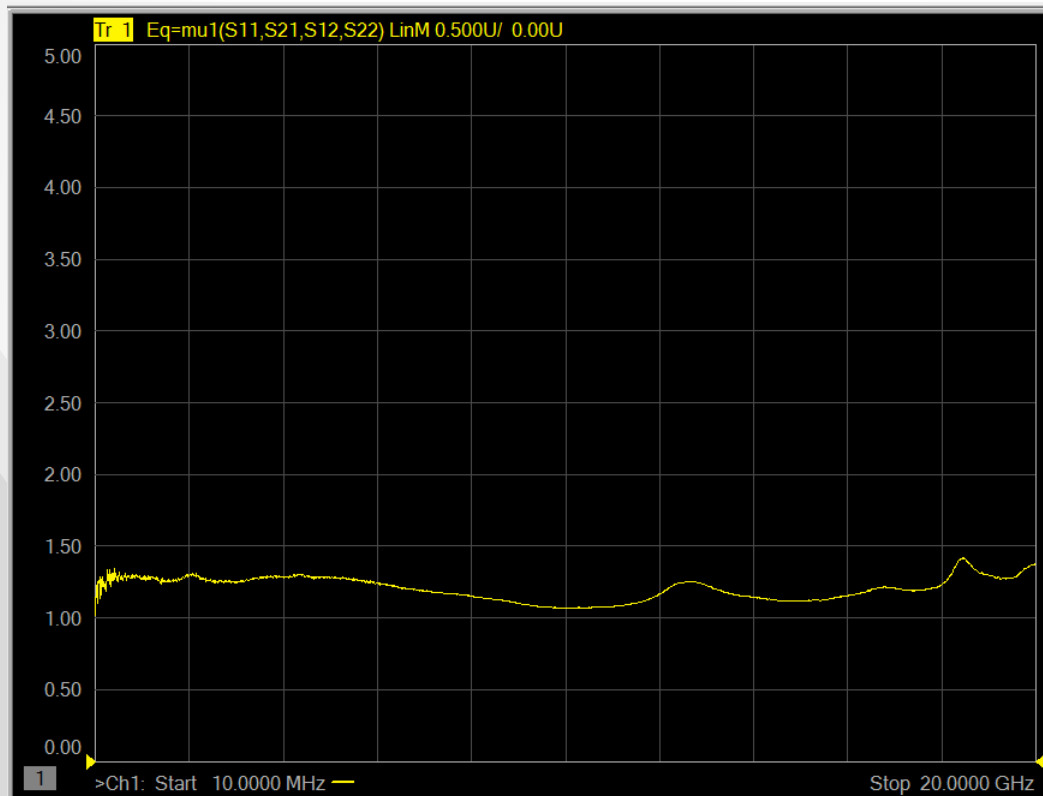
GRF4002 Photo Schematic:



GRF4002 Response:



GRF4002 Stability Mu Factor:

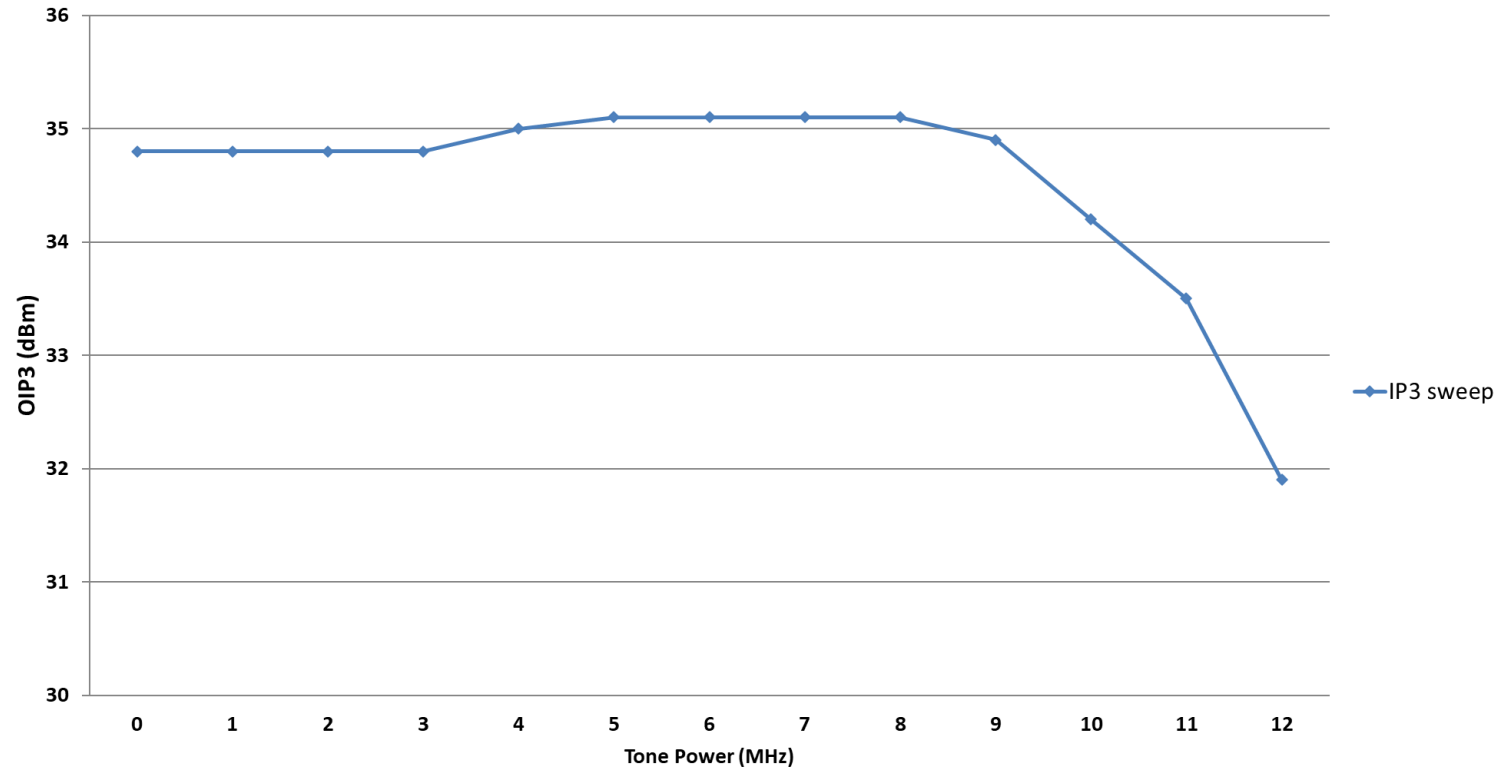


GRF4002 Tabular Data:

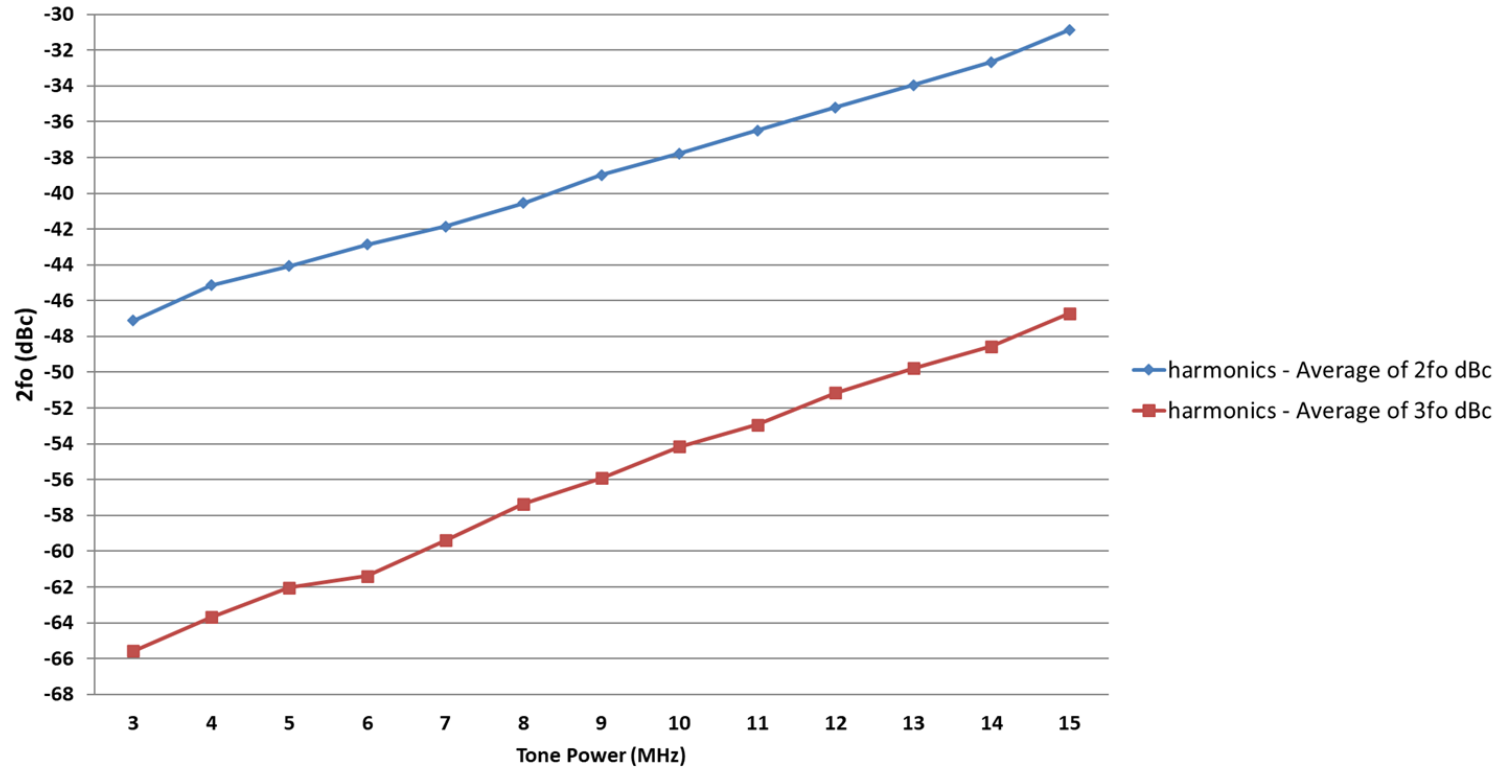
Descriptor	Freq MHz	Vdd	Iddq mA	Ven	Ien mA	Pout/Ptone dBm	Gain dB	IIP3 dBm	OIP3 dBm	IP1dB dBm	OP1dB dBm	EVB NF dB
GRF4002_Eval # 262	236	3.1	54.7	3.1	2.6	0.0	24.3	10.8	35.1	-4.3	19.0	0.95
GRF4002_Eval # 262	246	3.1	54.7	3.1	2.6	0.0	24.3	10.7	35.0	-4.3	19.0	0.95
GRF4002_Eval # 262	256	3.1	54.7	3.1	2.6	0.0	24.3	10.6	34.9	-4.3	19.0	0.95

GRF4002 Eval Board # 262

OIP3 vs. Tone Power (2 MHz tone spacing)
 $f_c = 246 \text{ MHz}$



GRF4002 Eval Board # 262 2fo and 3fo (dBc) vs. output tone power
fo = 246 MHz





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
Greensboro, NC 27409

Phone: (336) 510-7840

www.guerrilla-rf.com