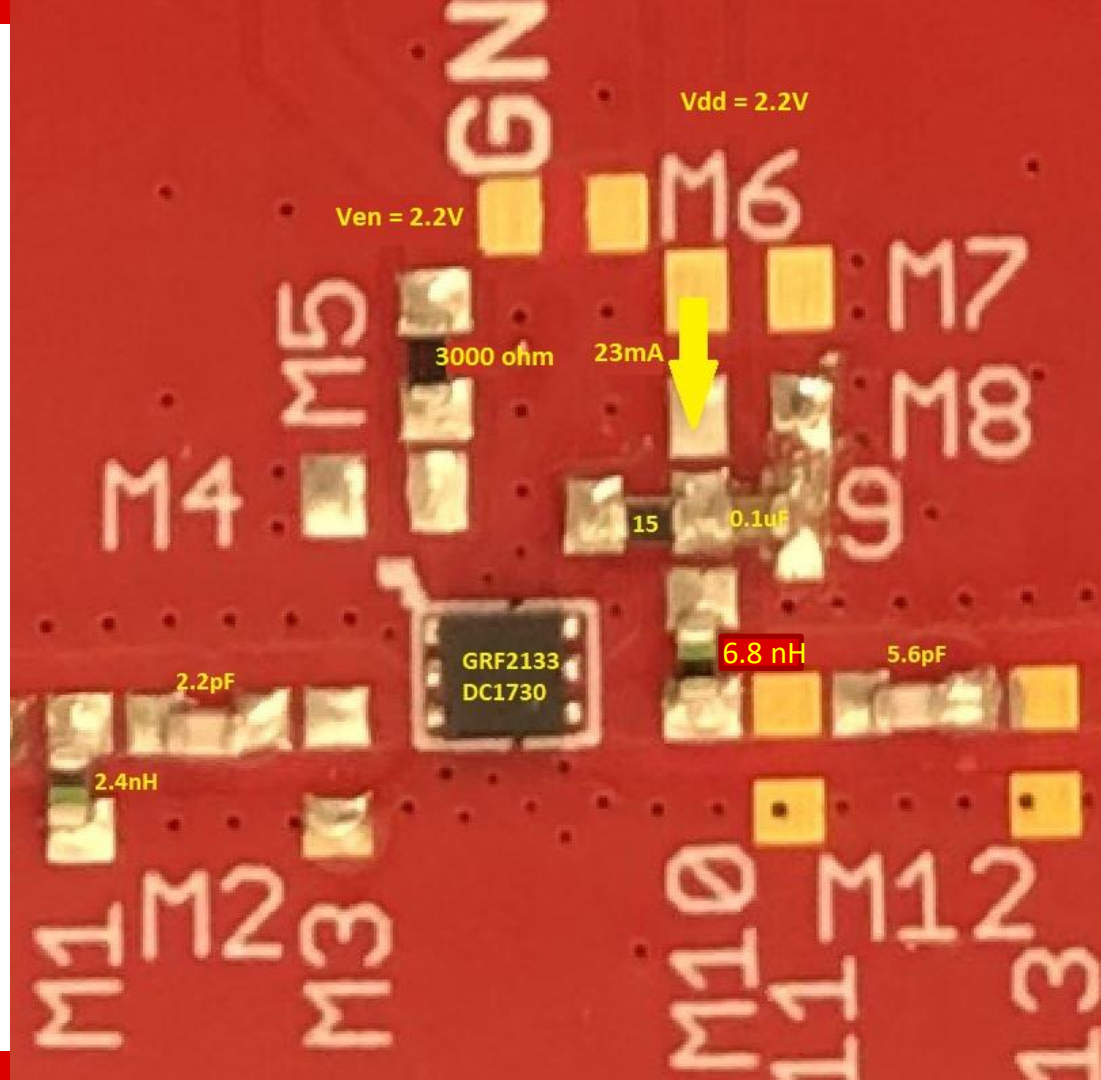


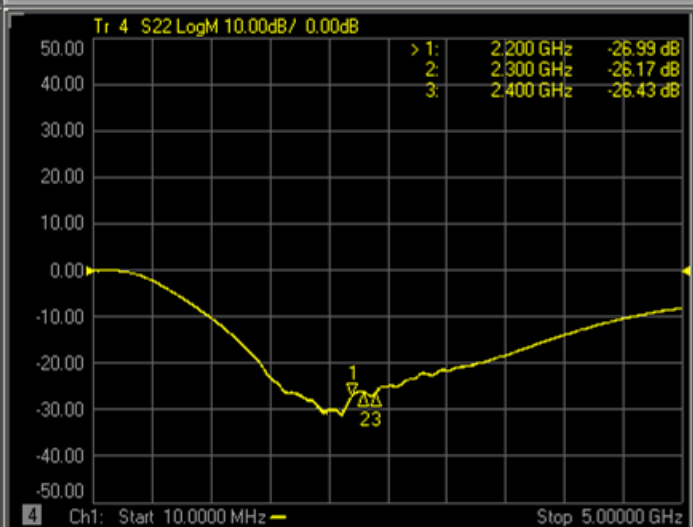
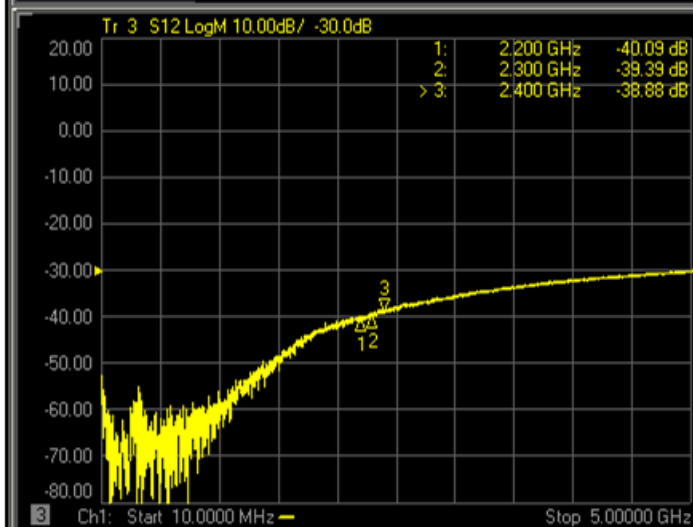
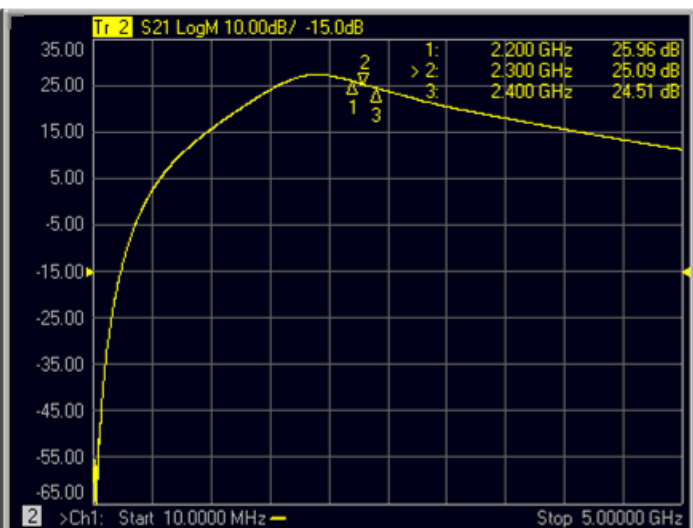
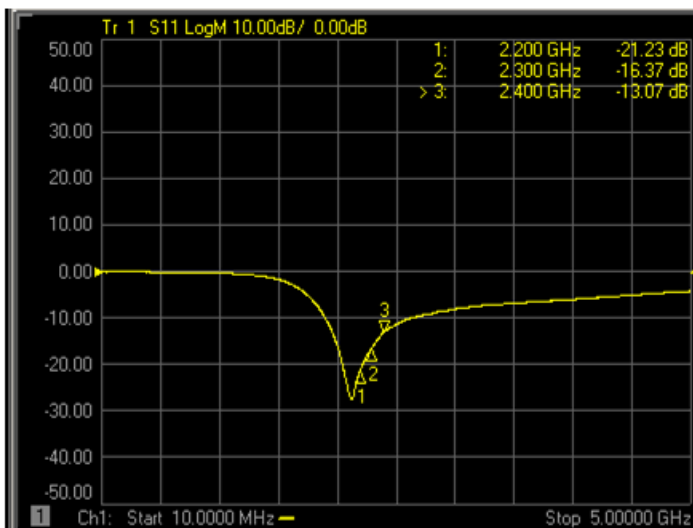


GRF2133 2200-2400 MHZ 2.2V/23MA

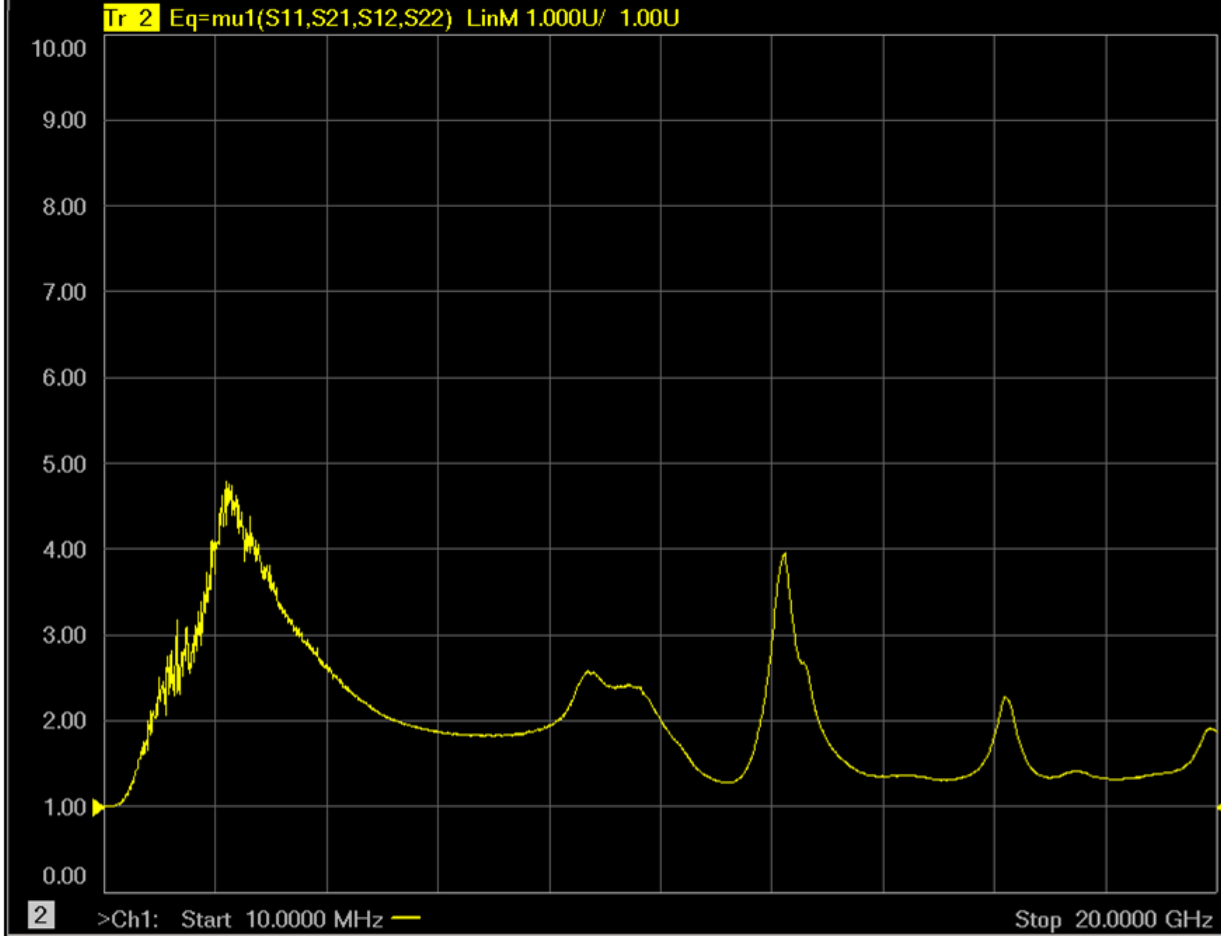
GRF2133 SCHEMATIC:



GRF2133 RESPONSE:



GRF2133 STABILITY MU FACTOR:



GRF2133 DATA:

Temp Deg C	Freq MHz	Vdd V	Ven V	Iddq mA	Pout/Ptone dBm	gain dB	tone spacing MHz	IIP3 dBm	OIP3 dBm	IP1dB dBm	OP1dB dBm	EVB NF dB
-40	2200	2.2	2.2	26.2	-5.0	27.1	2.0	-3.8	23.3	-9.4	16.7	x
-40	2300	2.2	2.2	26.2	-5.0	26.5	2.0	-3.0	23.5	-8.7	16.8	x
-40	2400	2.2	2.2	26.2	-5.0	25.4	2.0	-2.0	23.4	-7.6	16.8	x
25	2200	2.2	2.2	22.7	-5.0	25.7	2.0	-3.6	22.1	-9.1	15.6	0.95
25	2300	2.2	2.2	22.7	-5.0	25.1	2.0	-3.0	22.1	-8.4	15.8	0.90
25	2400	2.2	2.2	22.7	-5.0	24.2	2.0	-2.0	22.2	-7.5	15.7	0.88
85	2200	2.2	2.2	20.5	-5.0	24.6	2.0	-3.7	20.9	-10.6	13.1	x
85	2300	2.2	2.2	20.5	-5.0	23.8	2.0	-2.9	20.9	-9.6	13.4	x
85	2400	2.2	2.2	20.5	-5.0	23.0	2.0	-1.9	21.1	-8.4	13.7	x
105	2200	2.2	2.2	19.5	-5.0	24.0	2.0	-3.8	20.2	-10.9	12.2	x
105	2300	2.2	2.2	19.5	-5.0	23.3	2.0	-3.1	20.2	-10.4	12.0	x
105	2400	2.2	2.2	19.5	-5.0	22.6	2.0	-2.3	20.3	-8.8	12.8	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