

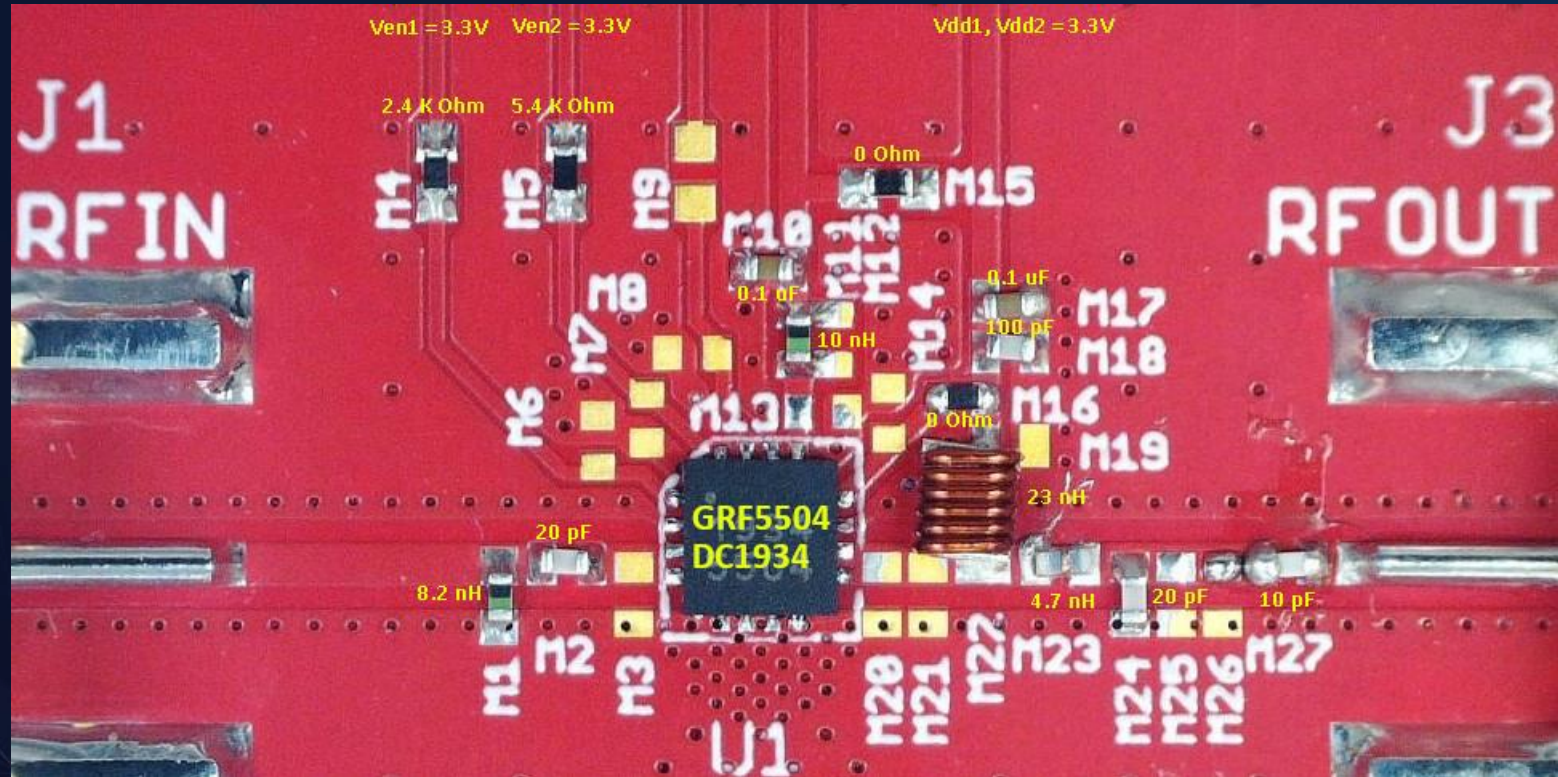


GRF5504 (400 - 402 MHz)

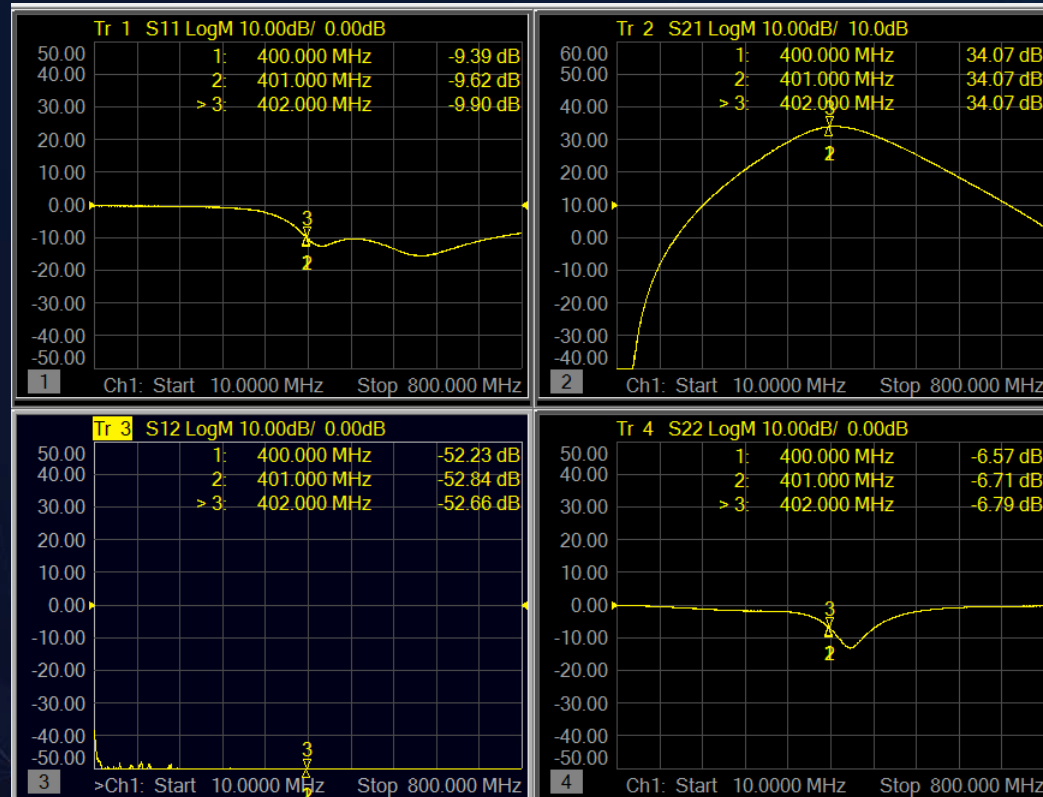
QFN16-30-24-B

8/11/2021

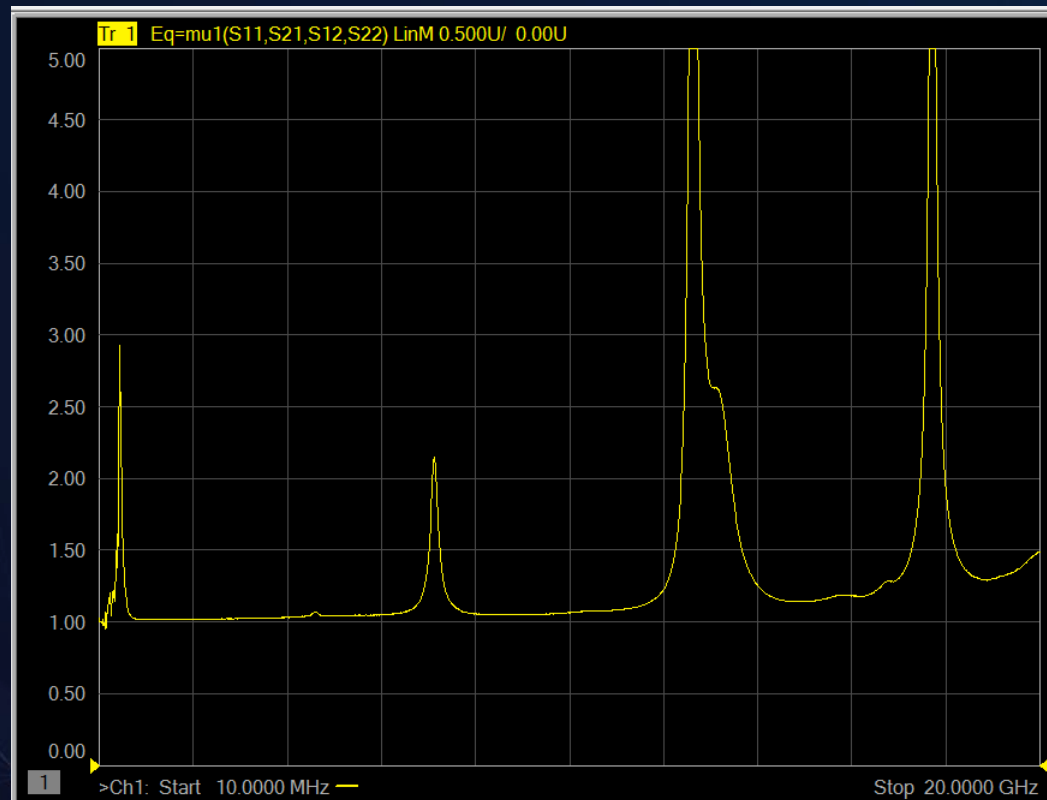
GRF5504 Schematic:



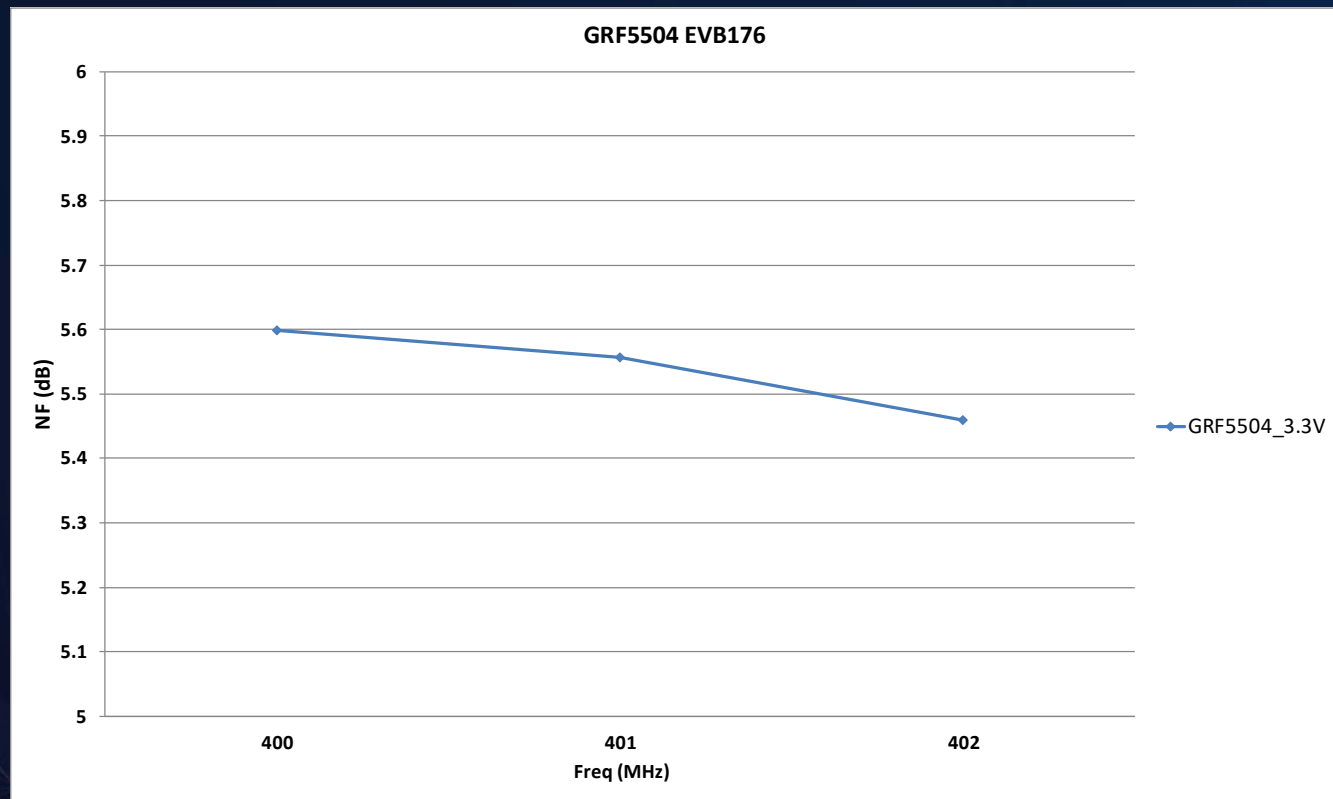
GRF5504 Response:



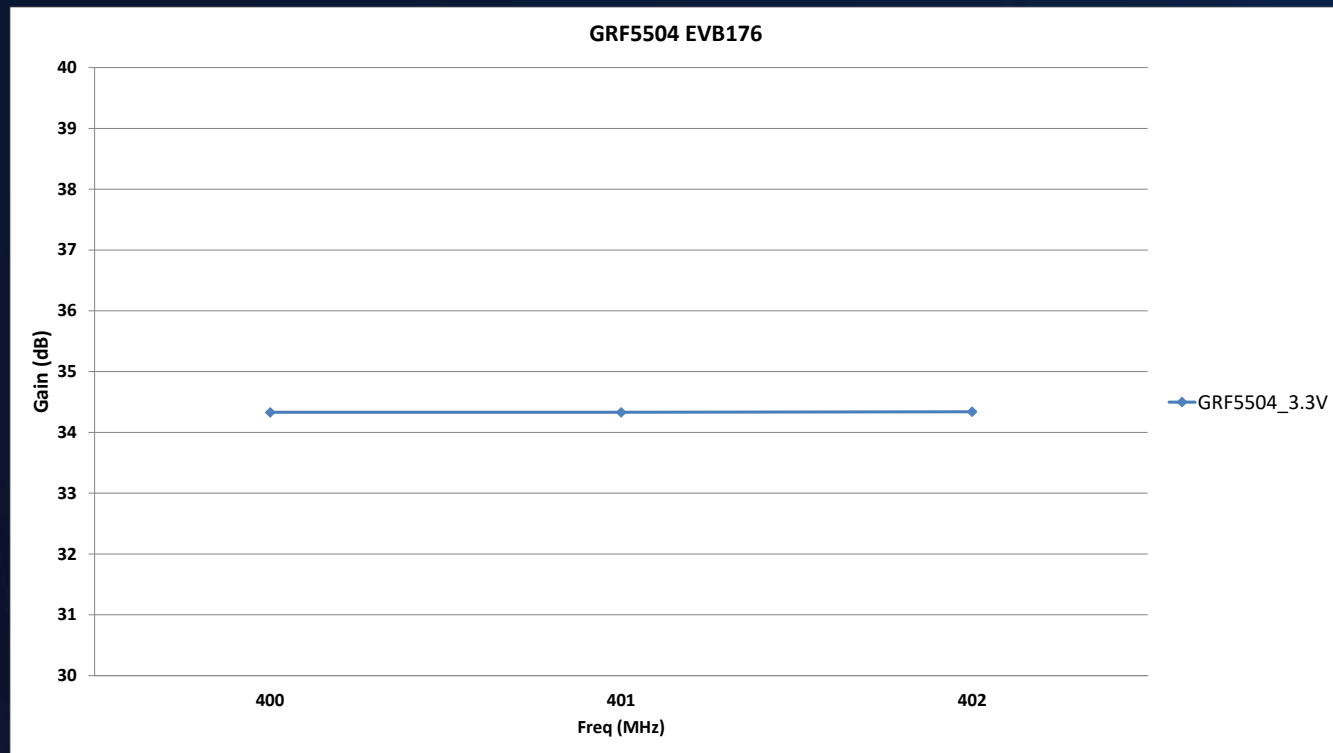
GRF5504 Stability Mu Factor:



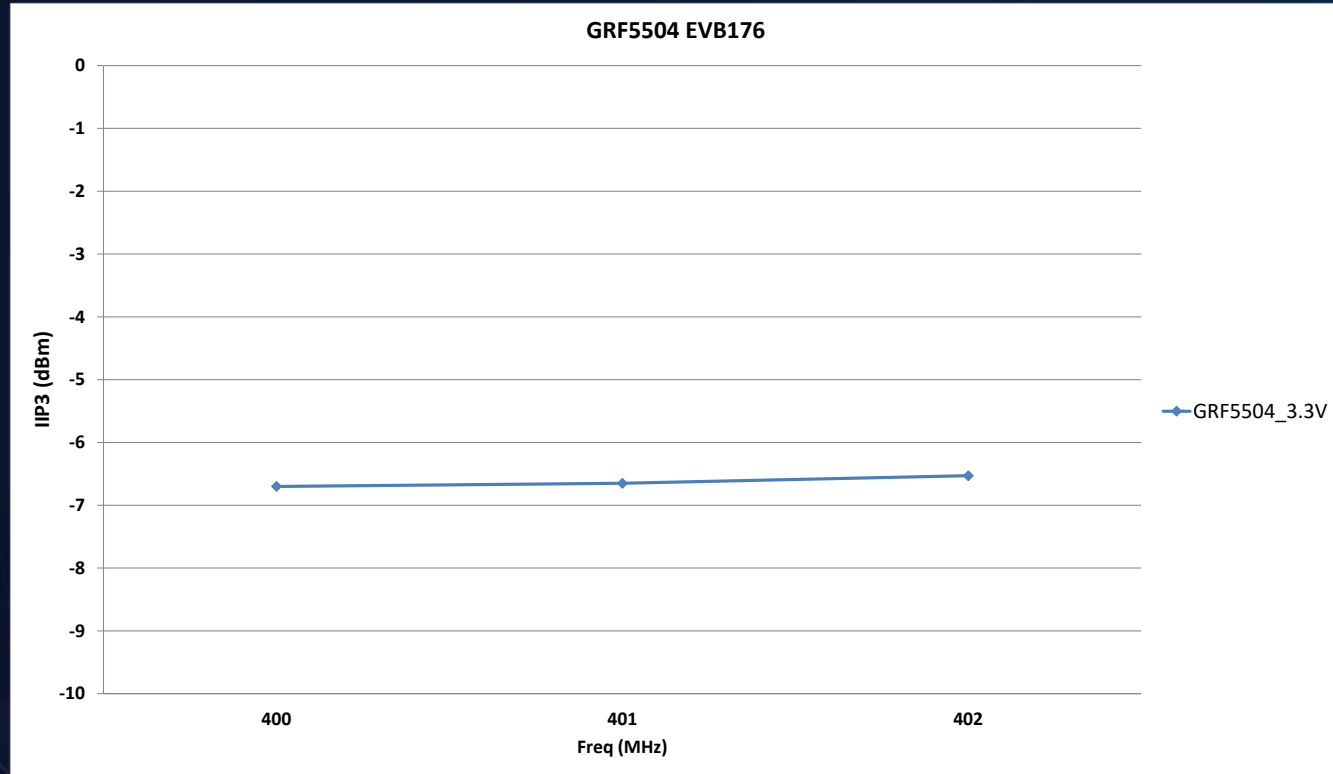
GRF5504 Data: Evaluation Board NF



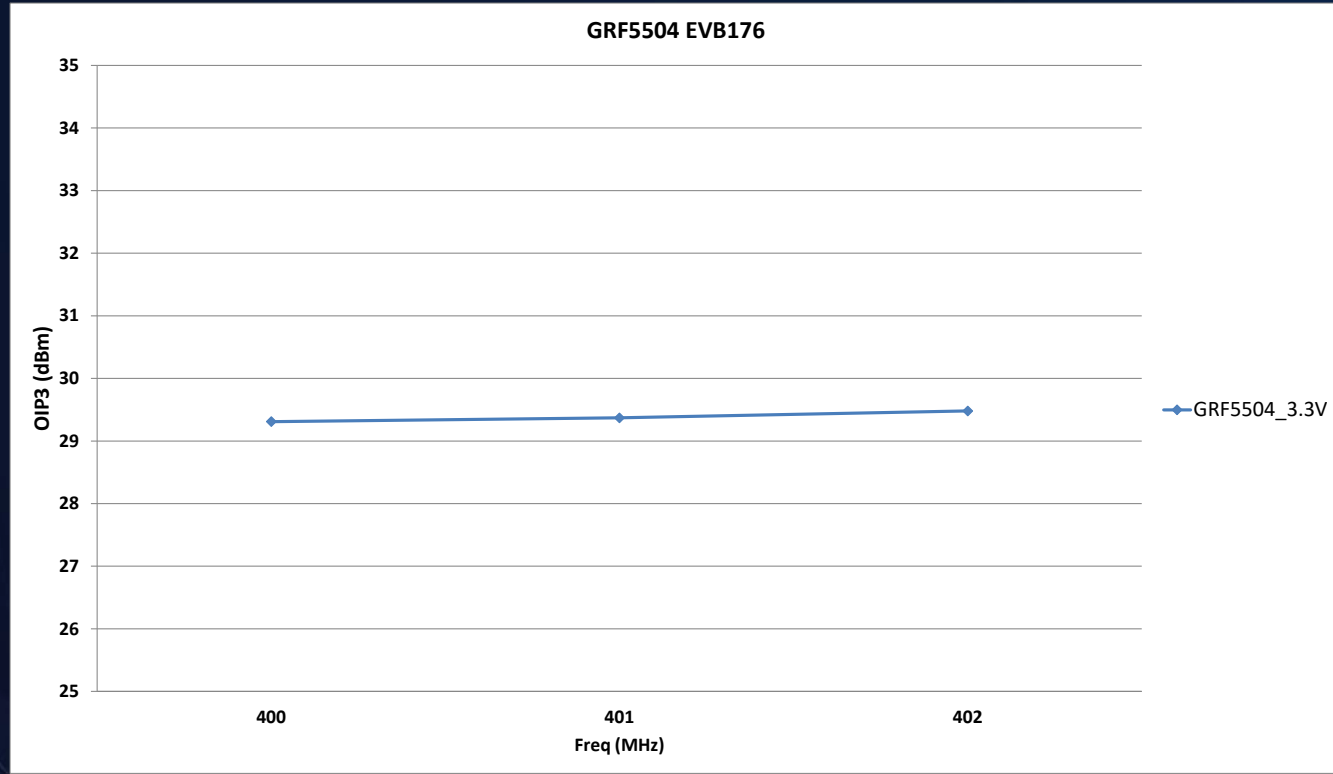
GRF5504 Data: Gain



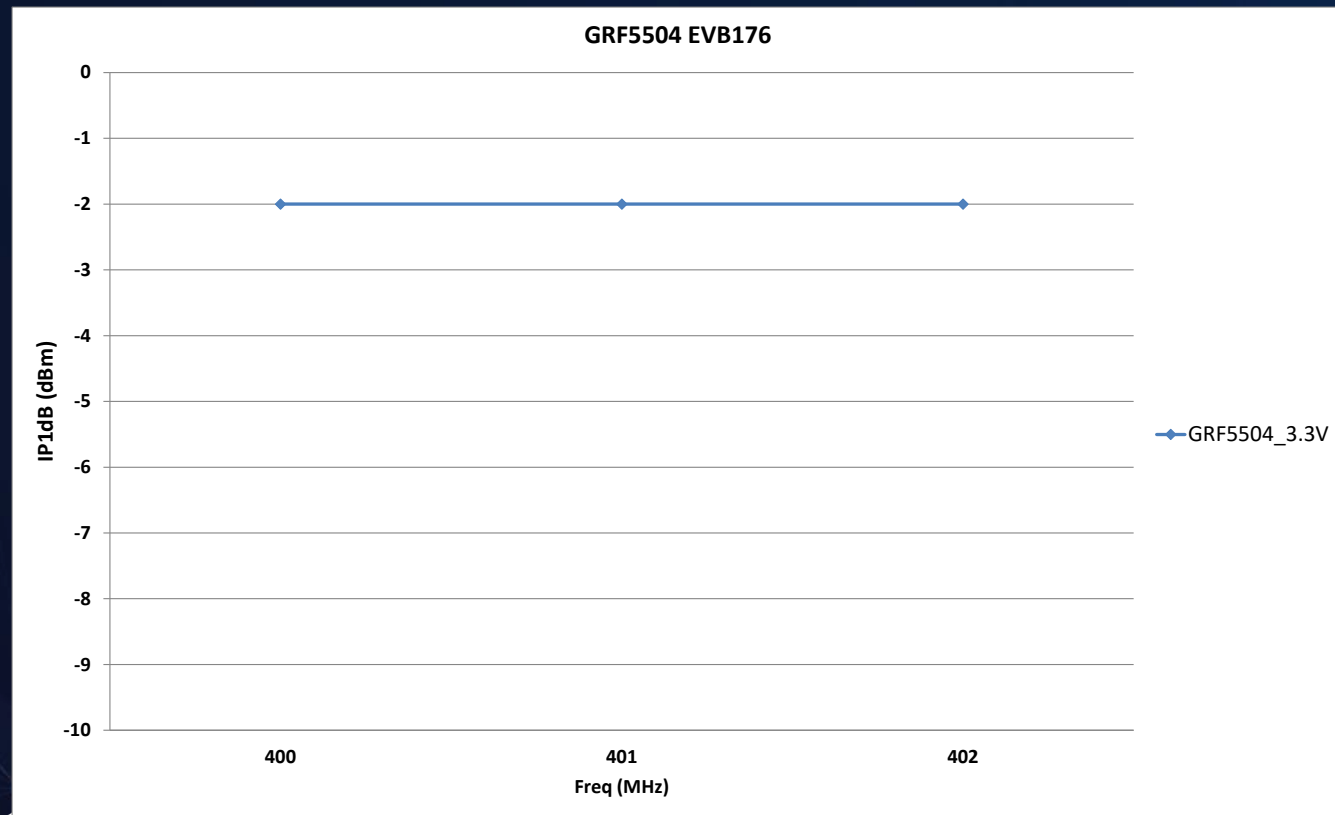
GRF5504 Data: IIP3, 15dBm per output tone



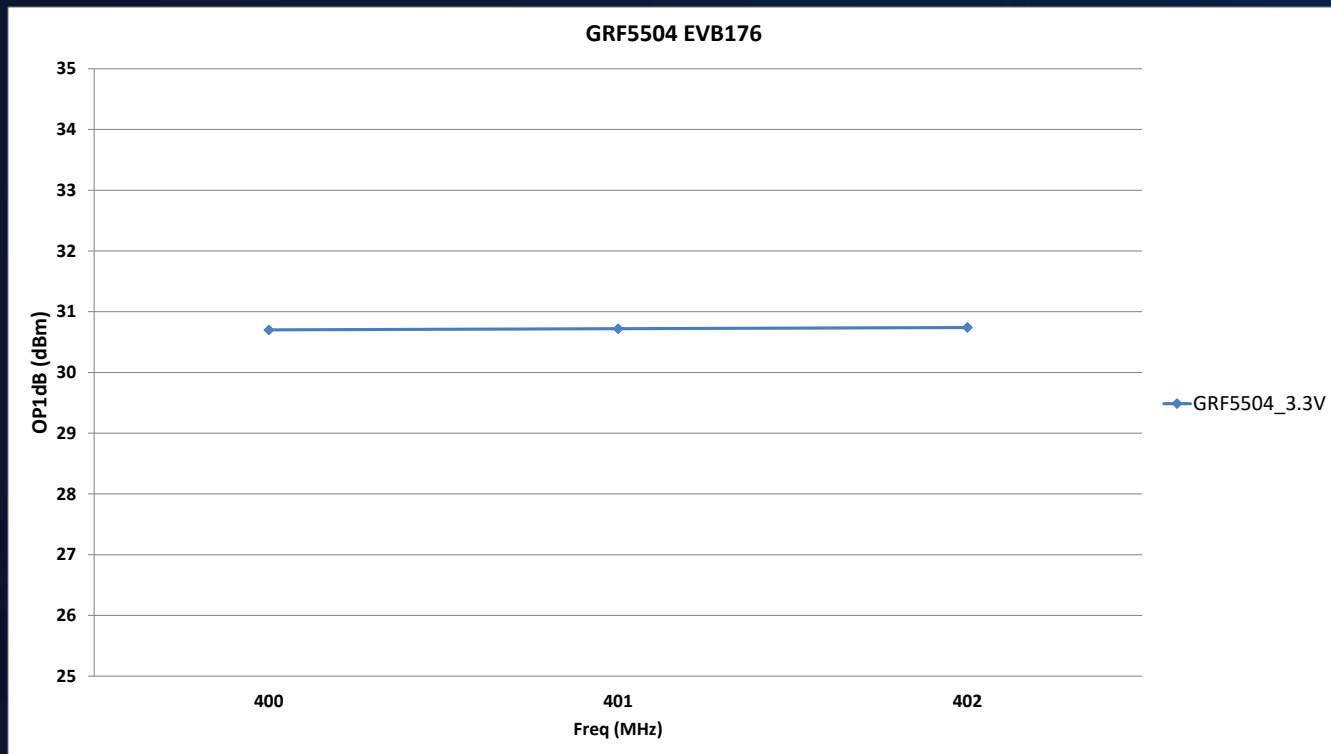
GRF5504 Data: OIP3, 15dBm per output tone



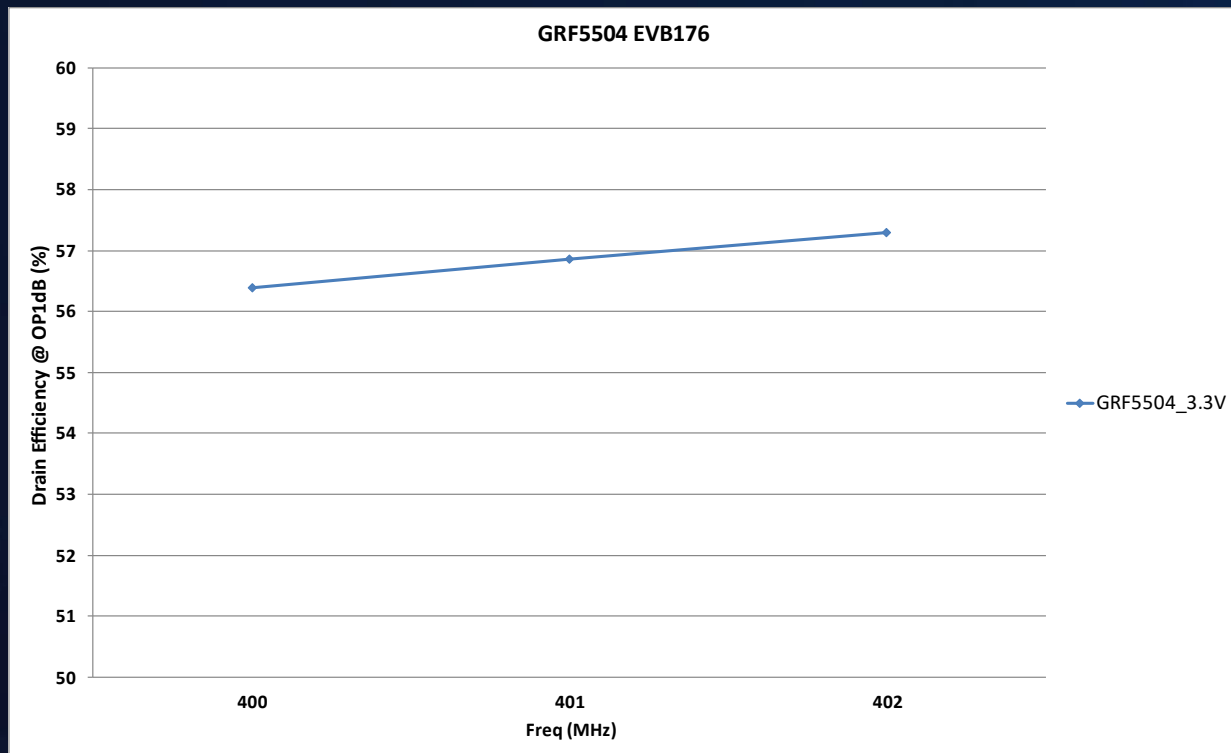
GRF5504 Data: IP1dB



GRF5504 Data: OP1dB



GRF5504 Data: Efficiency



GRF5504 Data:

Description	Frequency (MHz)	Vdd	Iddq (mA)	Ven	TwoTone (dBm)	Gain (dB)	IIP3 (dBm)	OIP3 (dBm)	IP1dB (dBm)	OP1dB (dBm)	NF
GRF5504 3.3V	400	3.3	56.95	3.3	15	34.33	-6.7	29.31	-2	30.7	5.60
GRF5504 3.3V	401	3.3	57.36	3.3	15	34.33	-6.65	29.37	-2	30.72	5.56
GRF5504 3.3V	402	3.3	57.44	3.3	15	34.34	-6.53	29.48	-2	30.74	5.46





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