

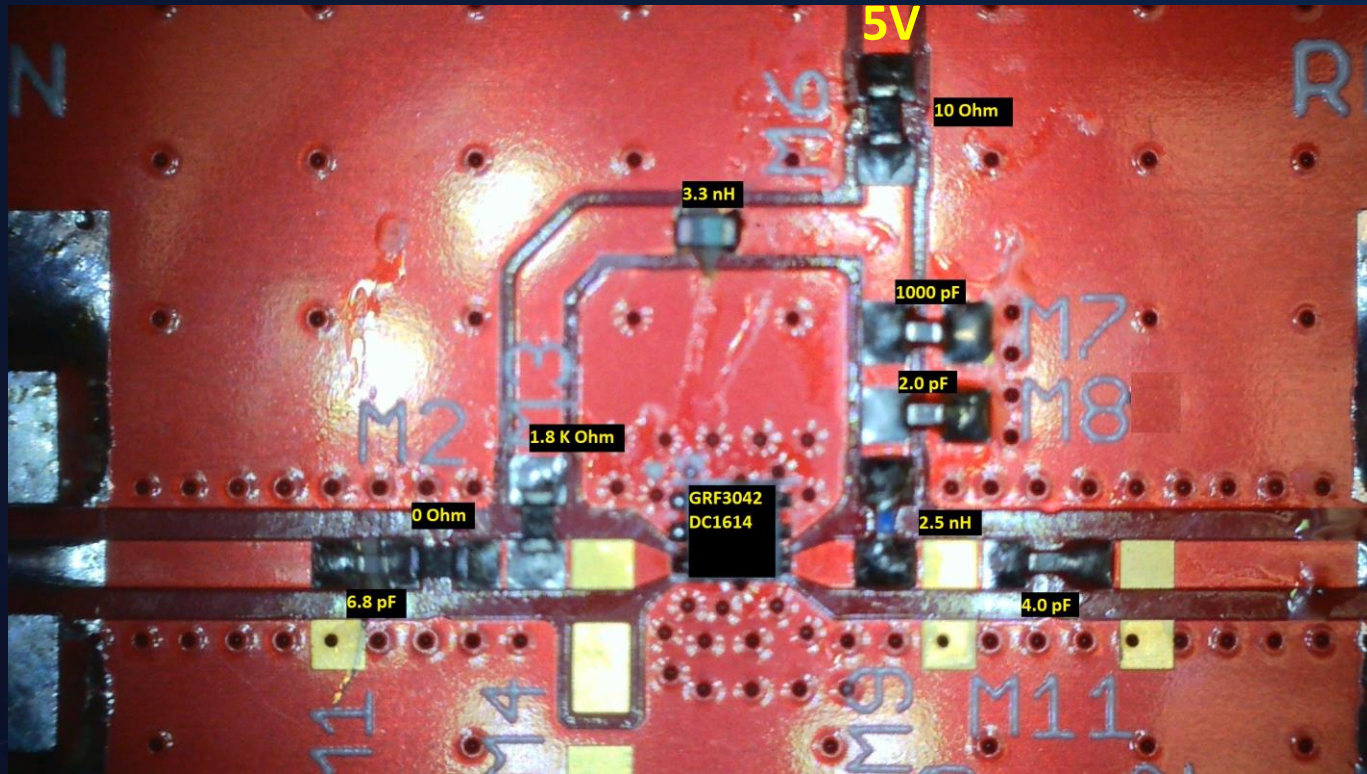


GRF3042 (12500 - 14500 MHz)

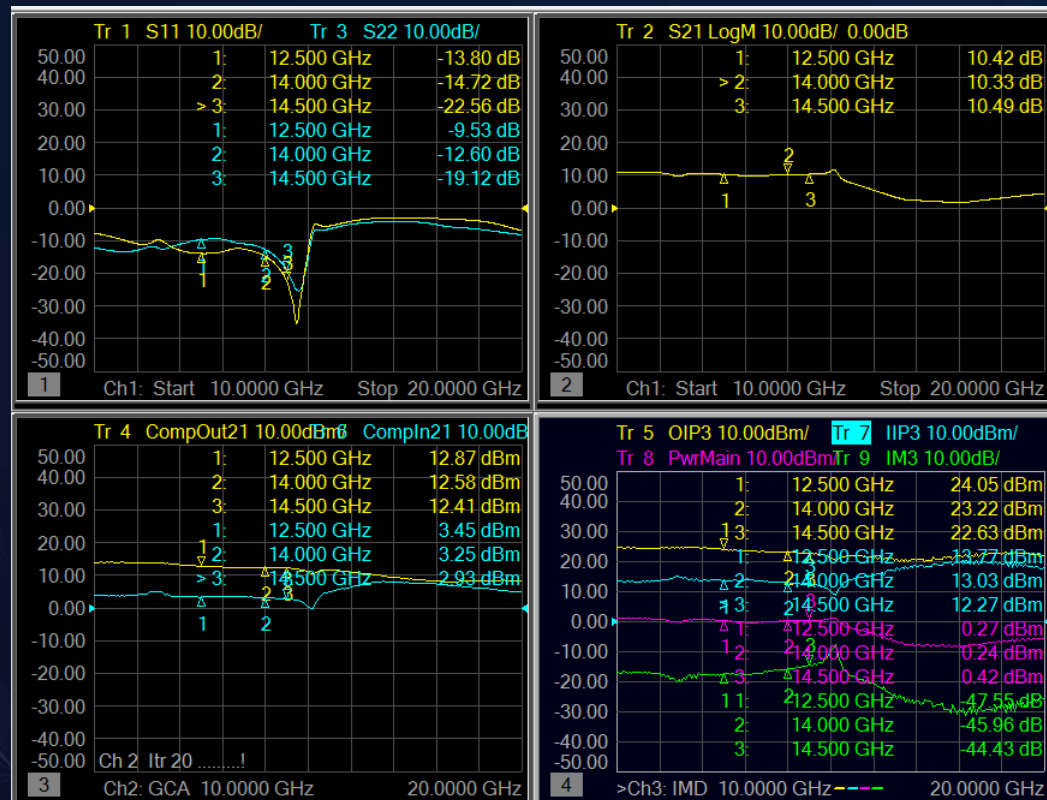
DFN6-15-30-A

12/16/2022

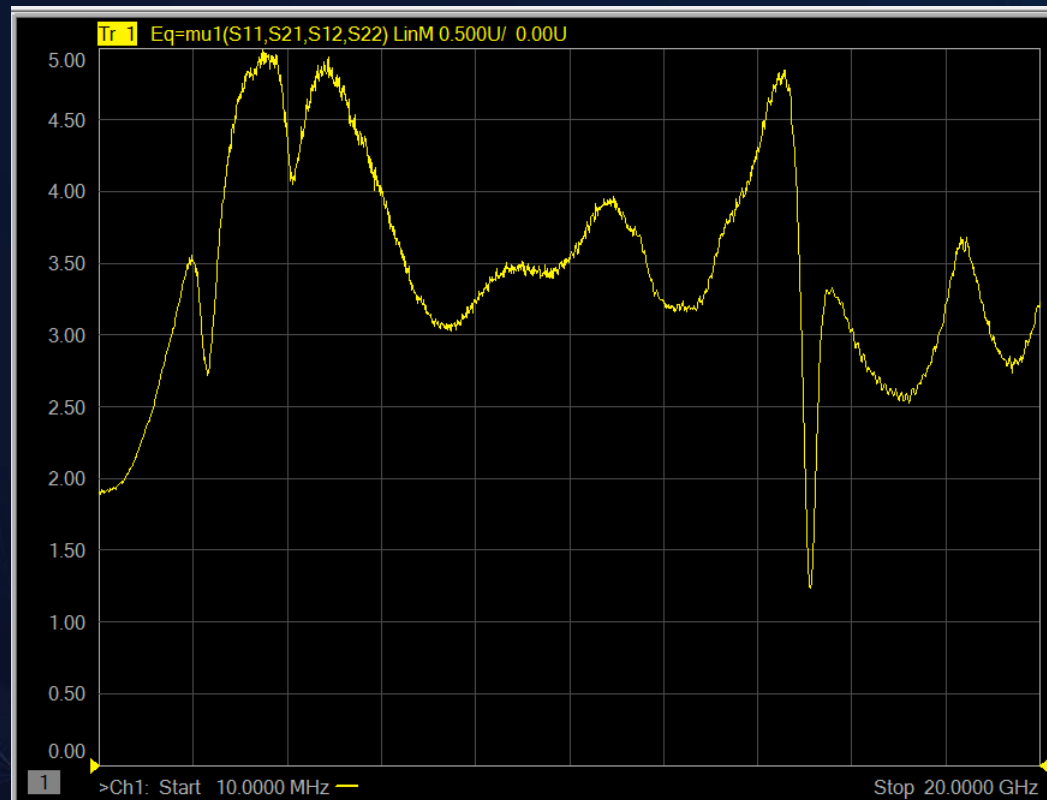
GRF3042 Schematic:



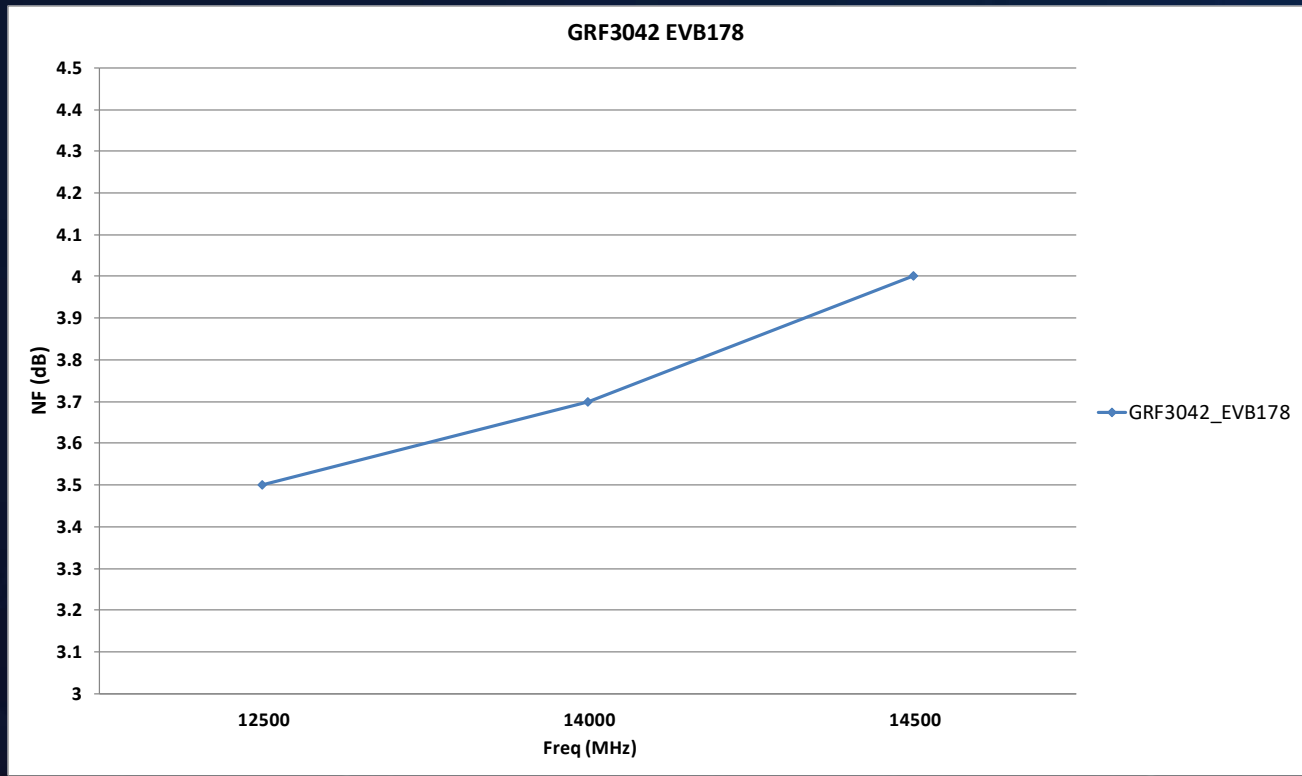
GRF3042 Response:



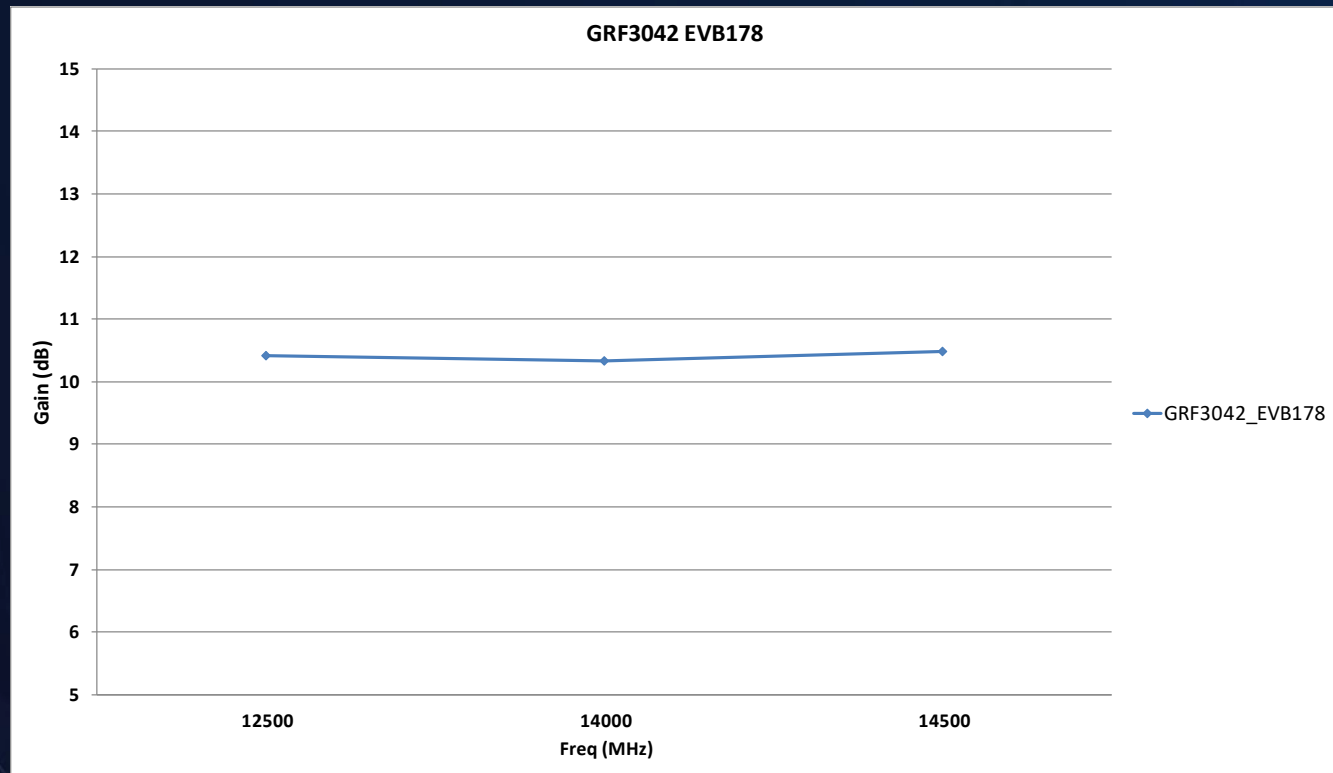
GRF3042 Stability Mu Factor:



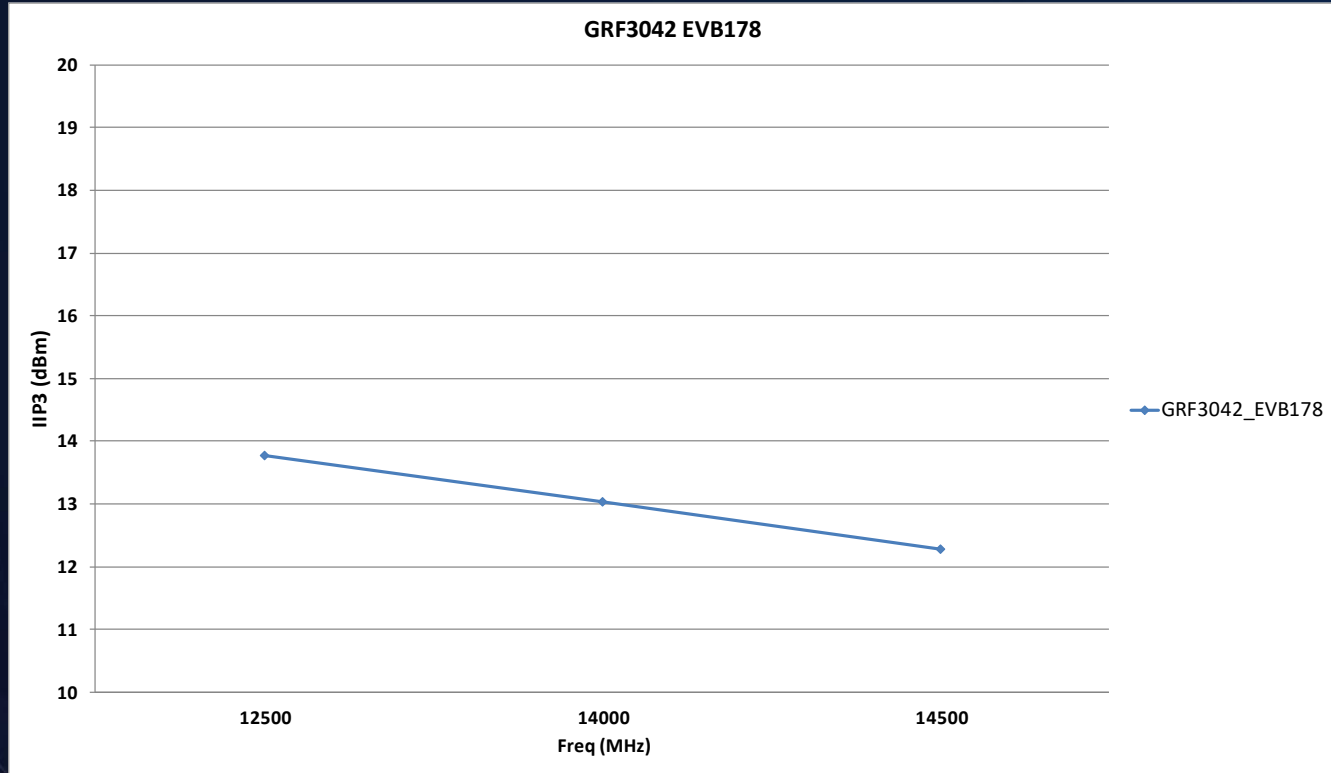
GRF3042 Data: NF



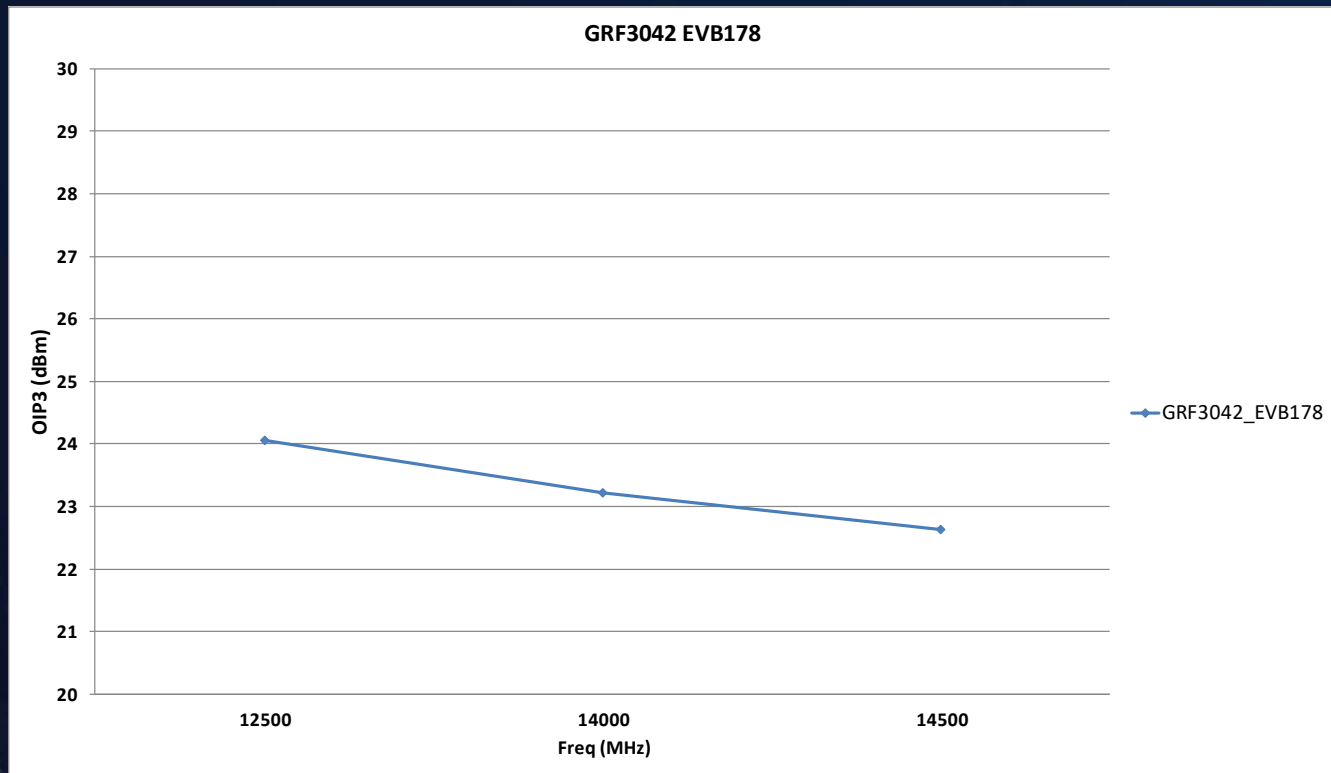
GRF3042 Data: Gain



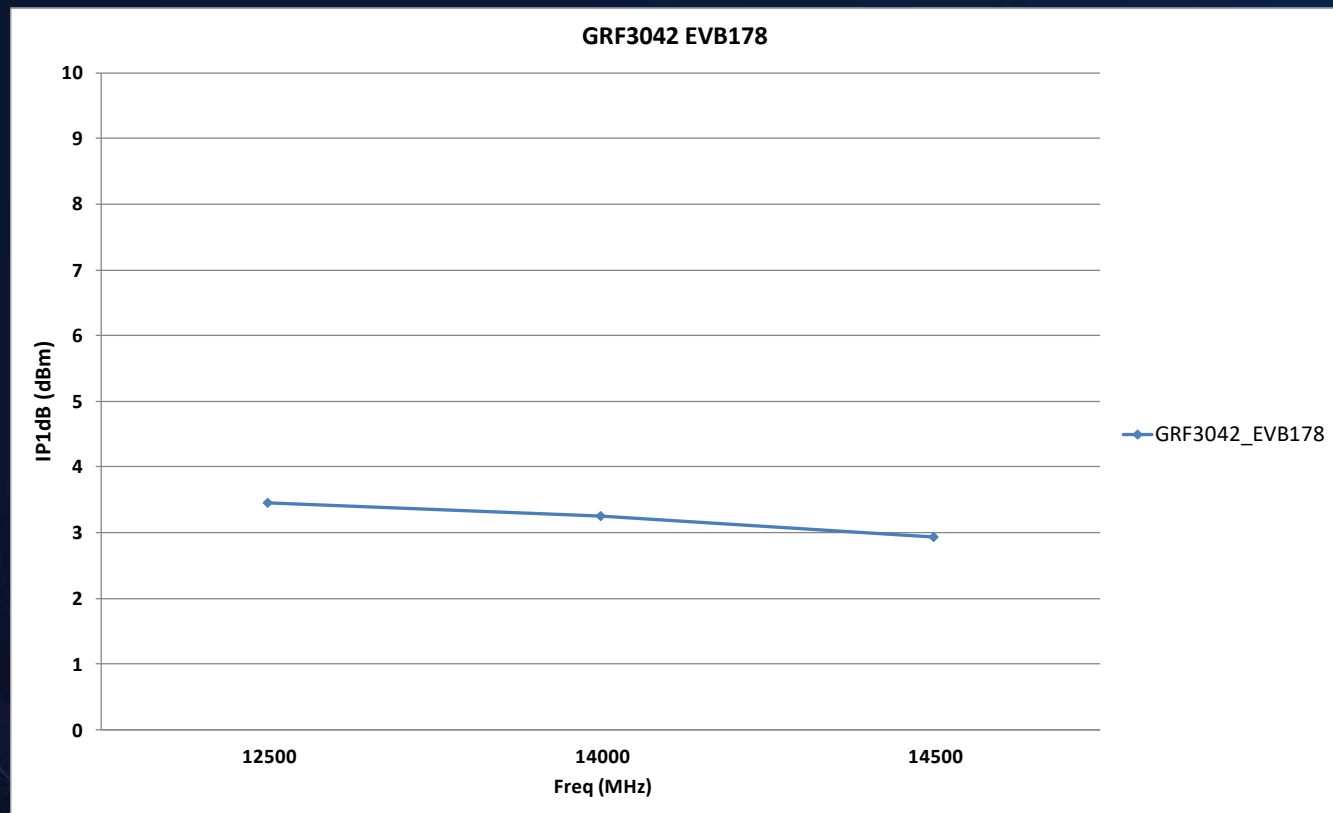
GRF3042 Data: IIP3, 0dBm per output tone



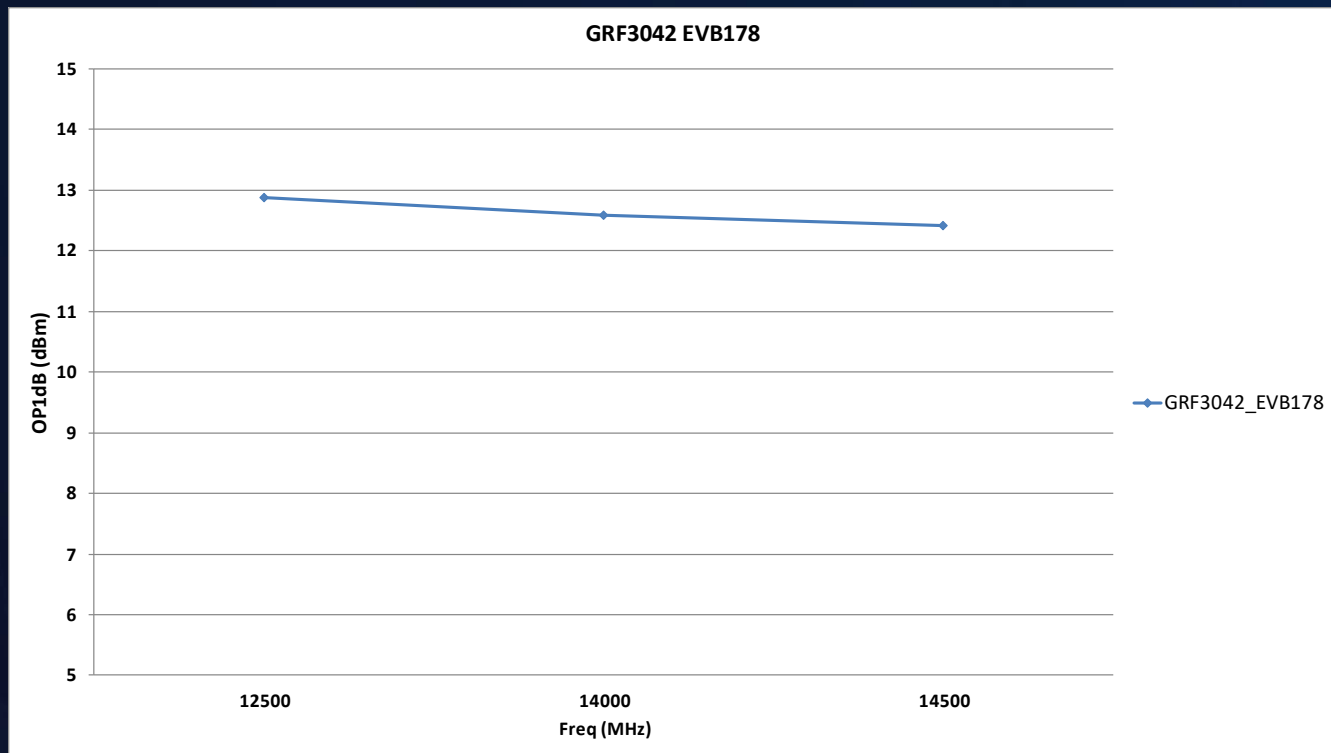
GRF3042 Data: OIP3, 0dBm per output tone



GRF3042 Data: IP1dB



GRF3042 Data: OP1dB



GRF3042 Data:

Description	Frequency (MHz)	Vdd	Iddq (mA)	TwoTone (dBm)	Gain (dB)	IIP3 (dBm)	OIP3 (dBm)	IP1dB (dBm)	OP1dB (dBm)	NF (dB)
GRF3042_EVB178	12500	5	47	0	10.42	13.77	24.05	3.45	12.87	3.5
GRF3042_EVB178	14000	5	47	0	10.33	13.03	23.22	3.25	12.58	3.7
GRF3042_EVB178	14500	5	47	0	10.49	12.27	22.63	2.93	12.41	4.0





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