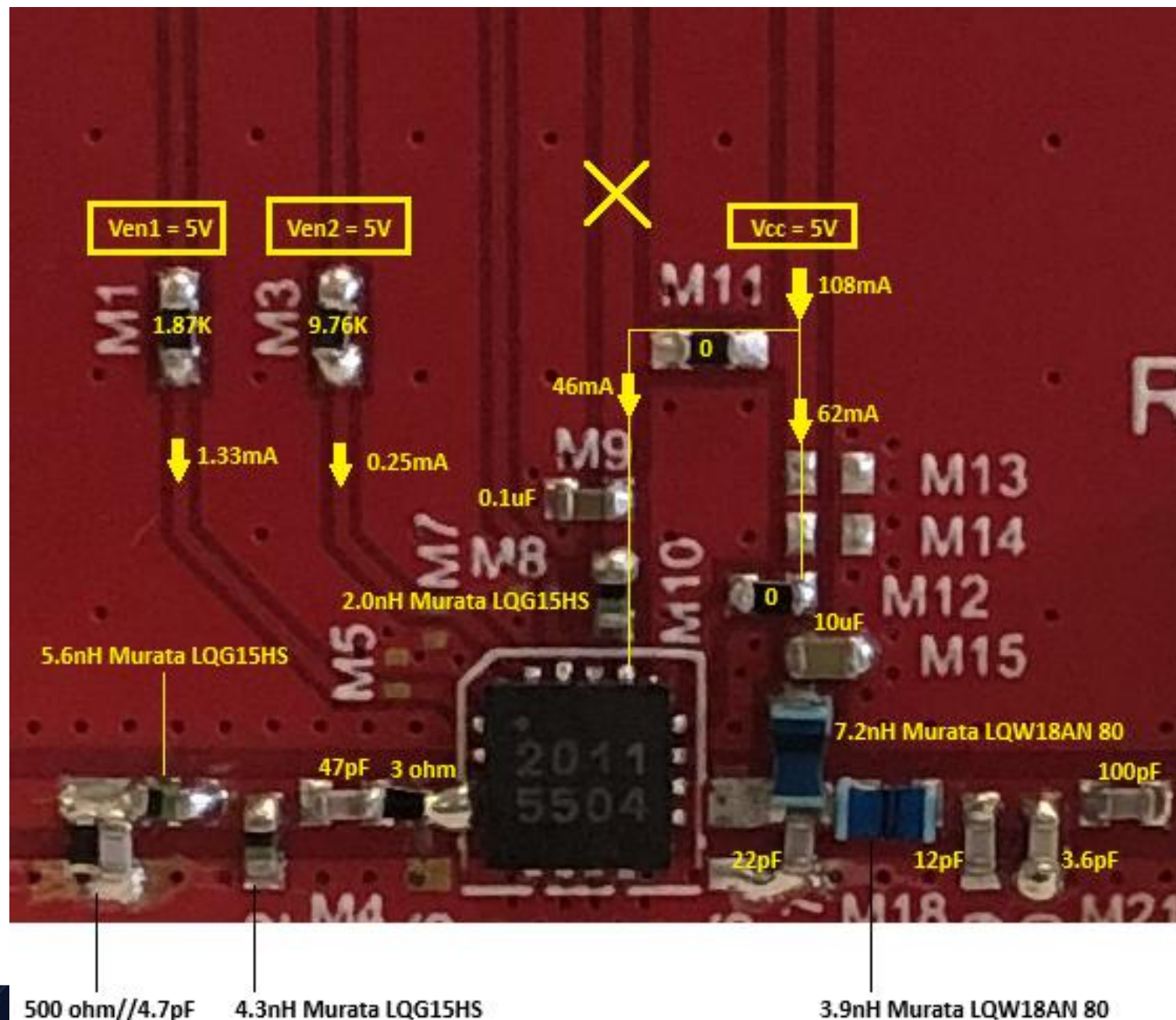




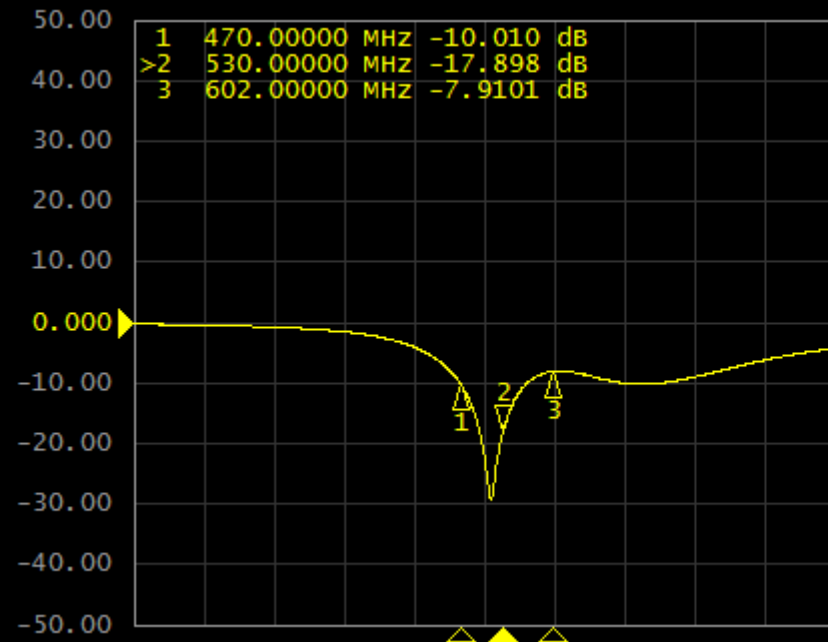
GRF5504
EVB311
470-602 MHz

Schematic:

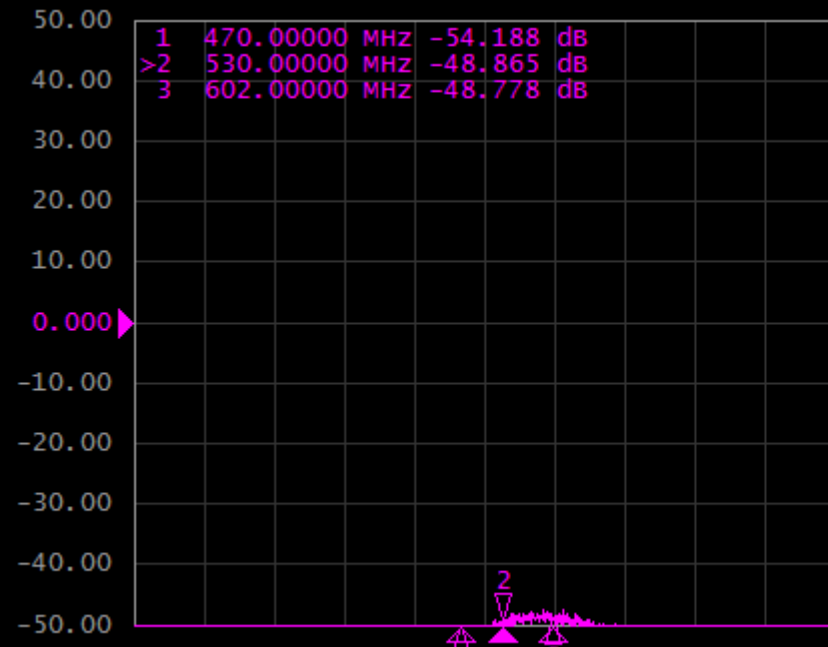


Response:

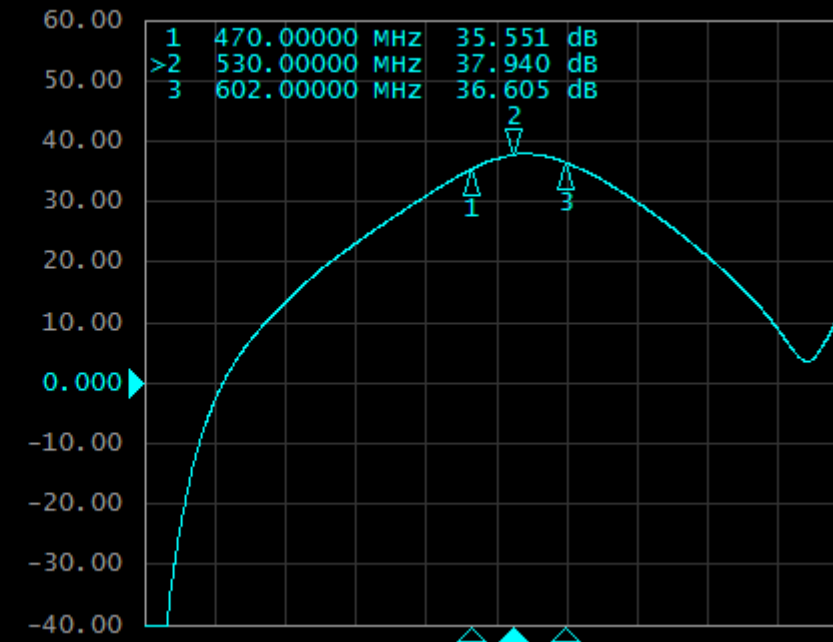
Tr1 S11 Log Mag 10.00dB/ Ref 0.000dB [F2]



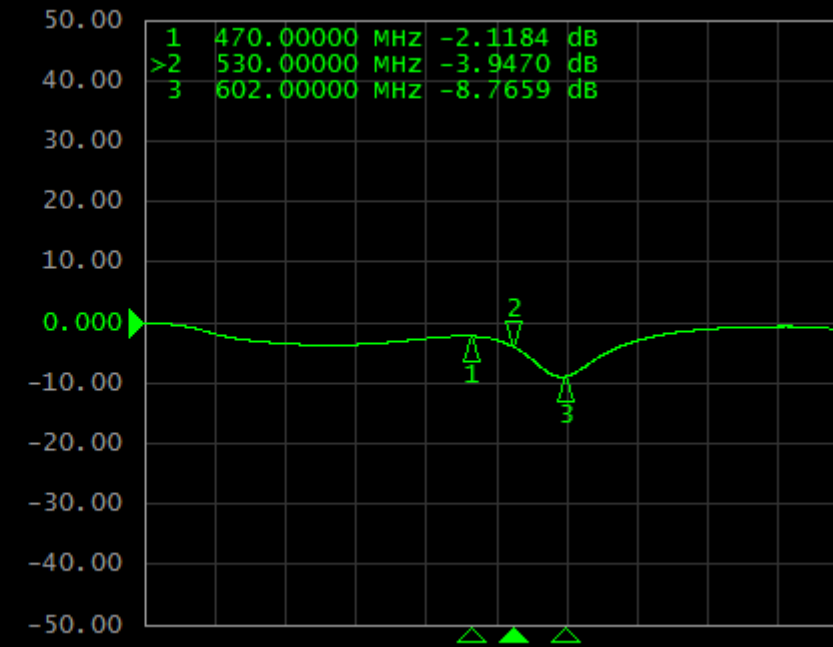
Tr3 S12 Log Mag 10.00dB/ Ref 0.000dB [F2]



Tr2 S21 Log Mag 10.00dB/ Ref 0.000dB [F2]



Tr4 S22 Log Mag 10.00dB/ Ref 0.000dB [F2]



1 Start 10 MHz

IFBW 10 kHz

Stop 1 GHz



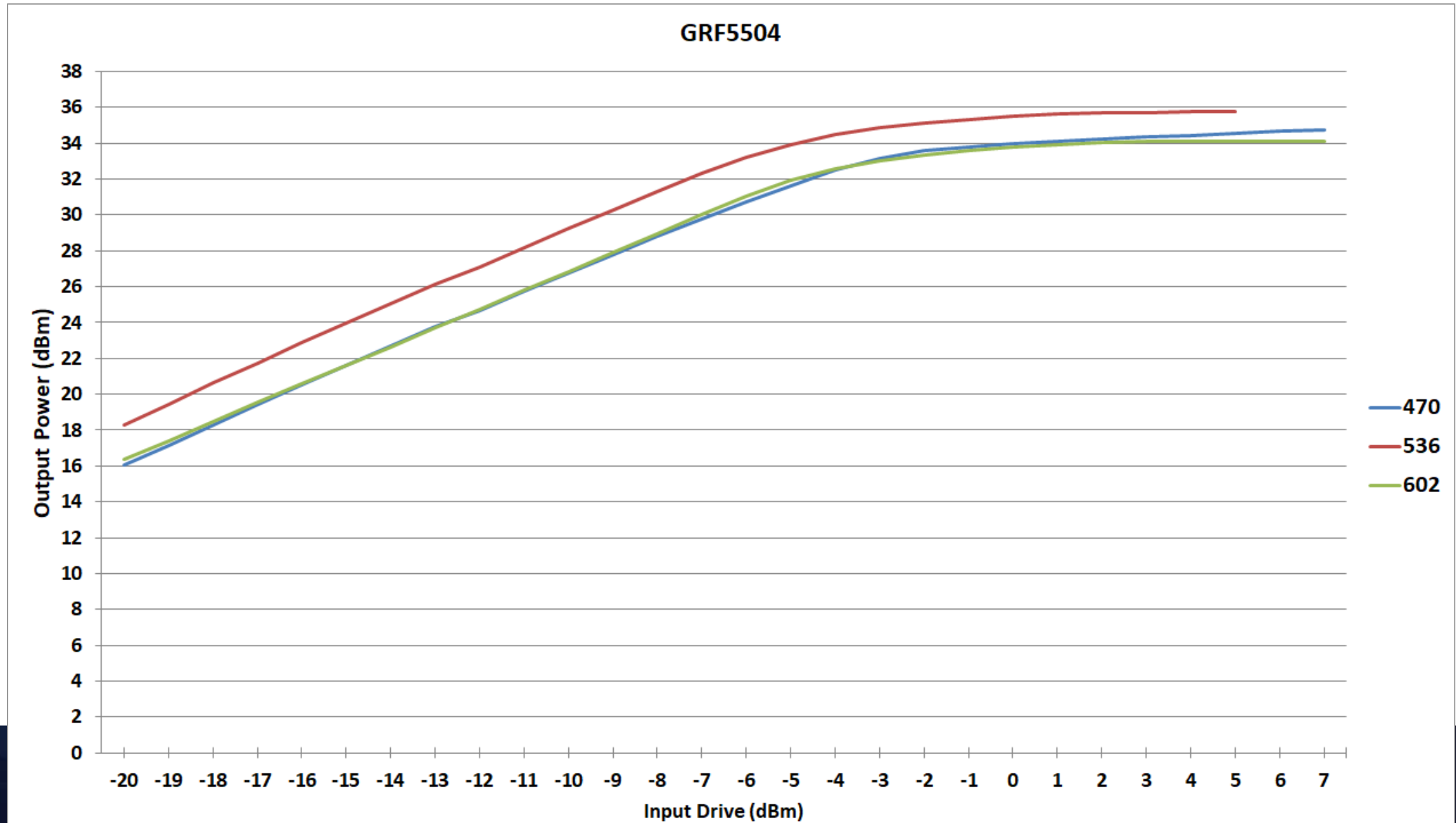
Standard Data:

Descriptor	Freq MHz	Vcc V	Iccq mA	Ven1 V	Ien1 mA	Ven2 V	Ien2 mA	IP3 Tone Power dBm	IP3 Tone Spacing MHz	Gain dB	OIP3 dBm	OP1dB dBm	PAE %	EVB NF dB
GRF5504 EVB 311	470	5	108	5	1.33	5	0.25	23	0.6	36.7	42.8	33.8	49.3	7.2
GRF5504 EVB 311	536	5	108	5	1.33	5	0.25	23	0.6	38.8	40.9	35.2	64.9	7.1
GRF5504 EVB 311	602	5	108	5	1.33	5	0.25	23	0.6	36.6	43.8	33.4	56.9	7.2

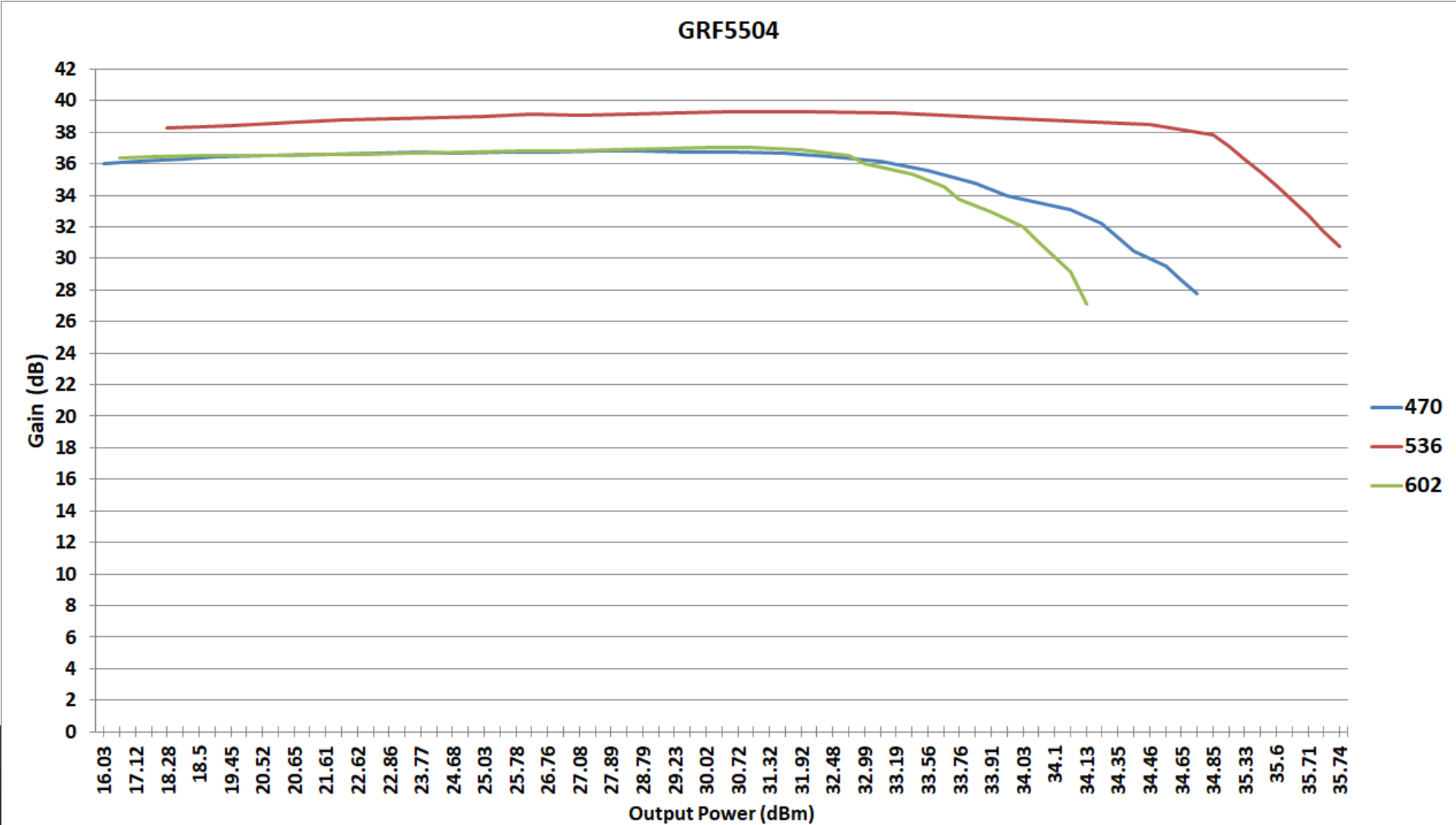
Saturated Output Power:

Descriptor	Freq MHz	Vcc V	Iccq mA	Ven1 V	Ien1 mA	Ven2 V	Ien2 mA	Pin dBm	Psat dBm	Gain dB	Icc mA	PAE %
GRF5504 EVB 311	470	5	108	5	1.33	5	0.25	5	34.62	29.62	1078.4	53.6
GRF5504 EVB 311	536	5	108	5	1.33	5	0.25	5	35.77	30.77	1089.9	69.2
GRF5504 EVB 311	602	5	108	5	1.33	5	0.25	5	34.15	29.15	831	62.4

Output Power vs. Input Drive:



Gain vs. Output Power:





Contact Us

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