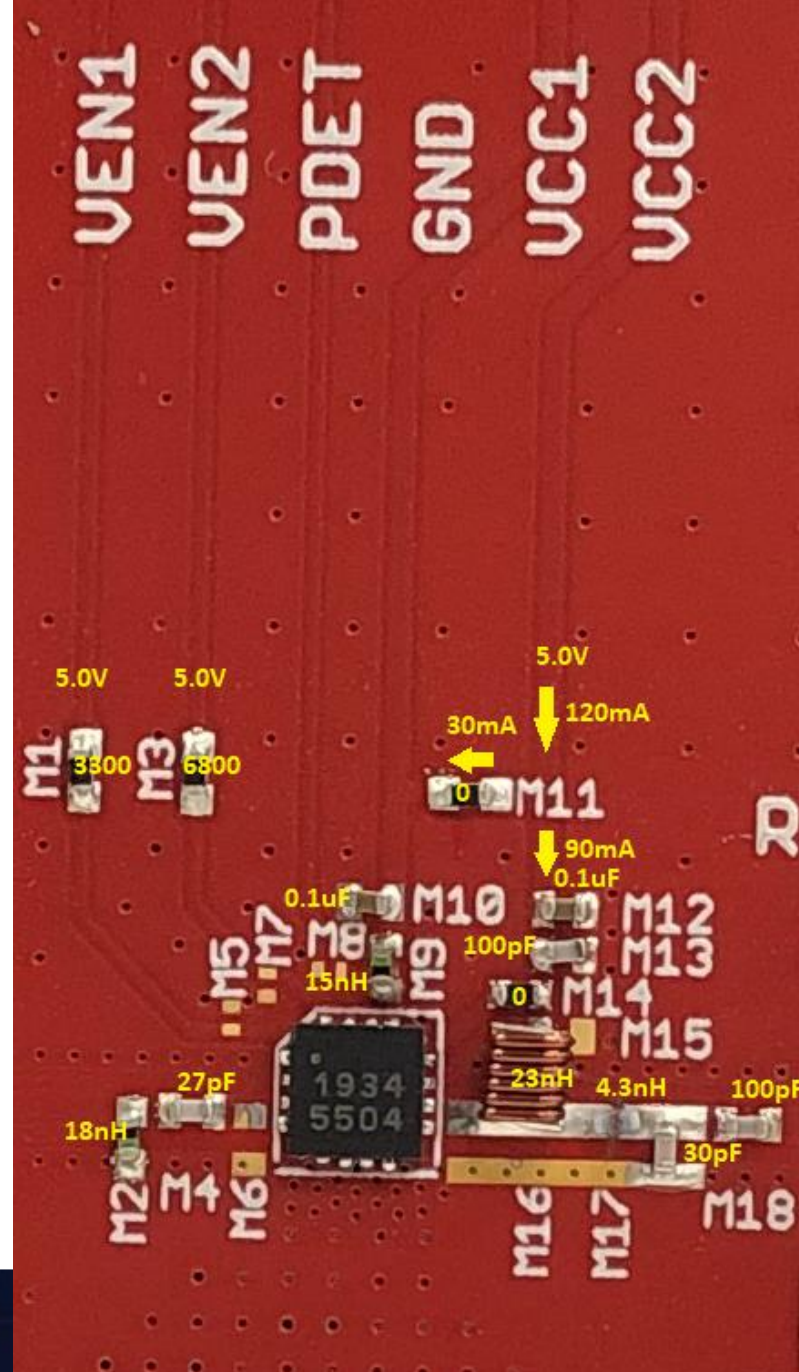




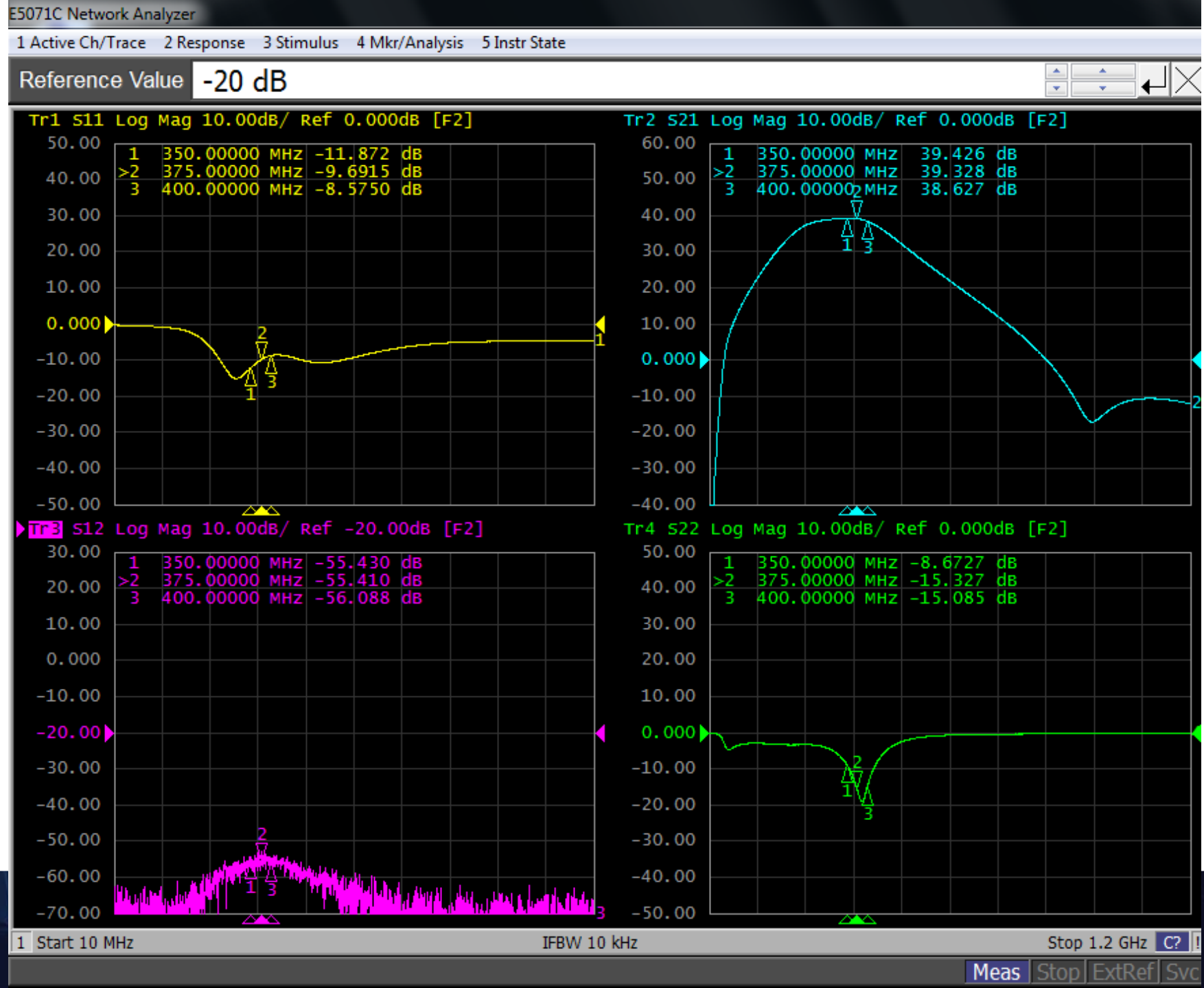
GRF5504 350-400 MHz

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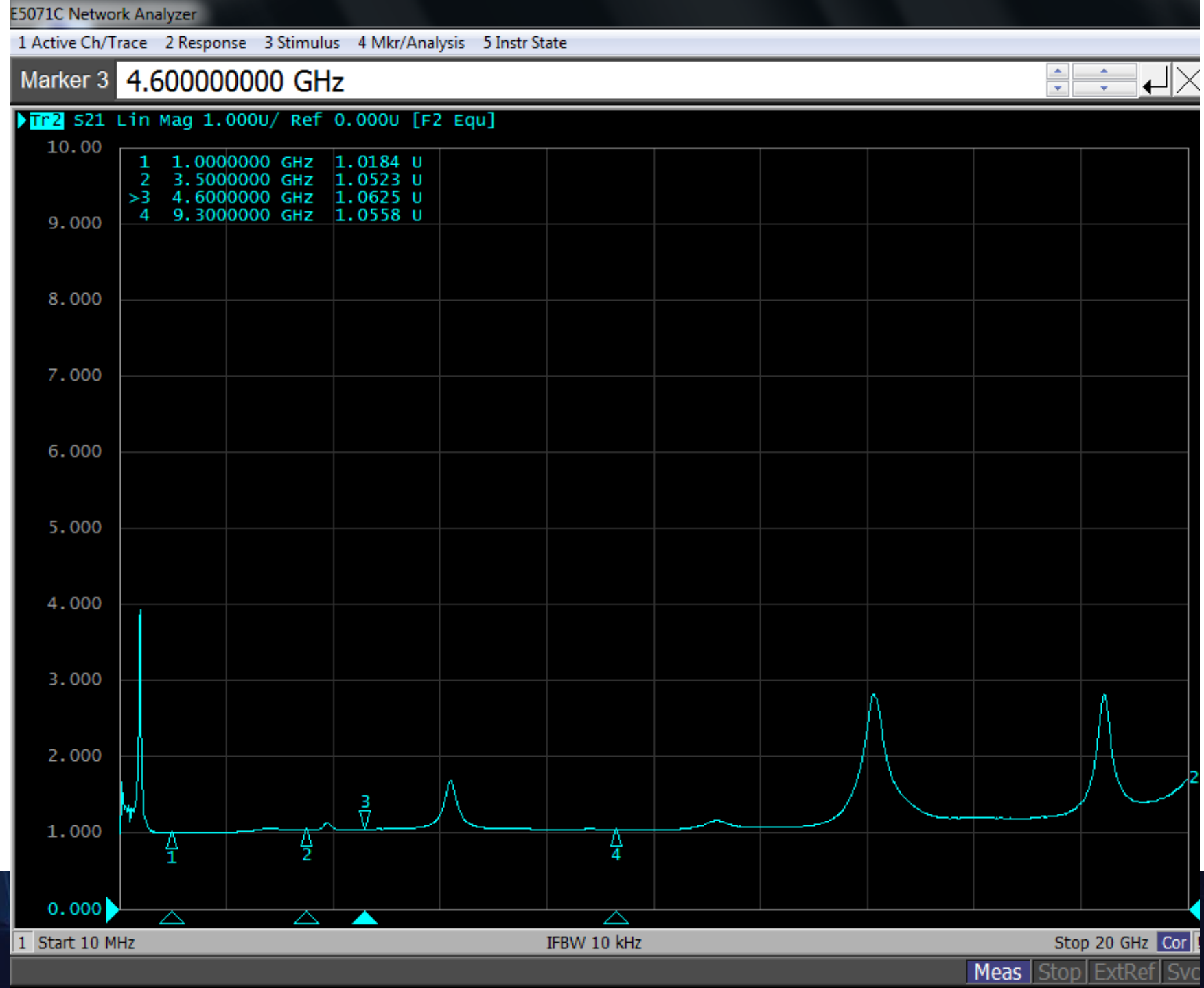
Schematic:



Response:



Stability:



Standard Data:

Bias Point	Freq MHz	Vdd V	Ven1V	Ven2V	Iddq mA	Pout/Ptone dBm	gain dB	tone spacing MHz	OIP3 dBm	OP1dB dBm	Eff %	EVB NF dB
5.0V/120mA	350	5	5	5	119.9	22	39.7	2	39.5	33.5	49.5	6
5.0V/120mA	360	5	5	5	119.9	22	39.7	2	39.2	34.1	54.5	6
5.0V/120mA	370	5	5	5	119.9	22	39.9	2	39	34.3	58.9	6
5.0V/120mA	380	5	5	5	119.9	22	40.1	2	39	34.4	63	6
5.0V/120mA	390	5	5	5	119.9	22	39.9	2	39.1	34.1	65	6
5.0V/120mA	400	5	5	5	119.9	22	39.5	2	39.8	33.6	63.8	6

Saturated Output Power:

Descriptor	Freq MHz	Vdd V	Ven1V	Ven2V	Iddq mA	Pin dBm	Pout/Ptone dBm	gain dB	Idd RF mA	Eff %
Psat	350	5	5	5	120.8	1	35.0	34.0	1184.4	53.4
Psat	360	5	5	5	120.8	1	35.2	34.2	1175.1	56.1
Psat	370	5	5	5	120.8	1	35.2	34.2	1116.4	58.8
Psat	380	5	5	5	120.8	1	35.0	34.0	1047.4	60.9
Psat	390	5	5	5	120.8	1	34.7	33.7	963.3	61.2
Psat	400	5	5	5	120.8	1	34.1	33.1	872.2	58.4



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