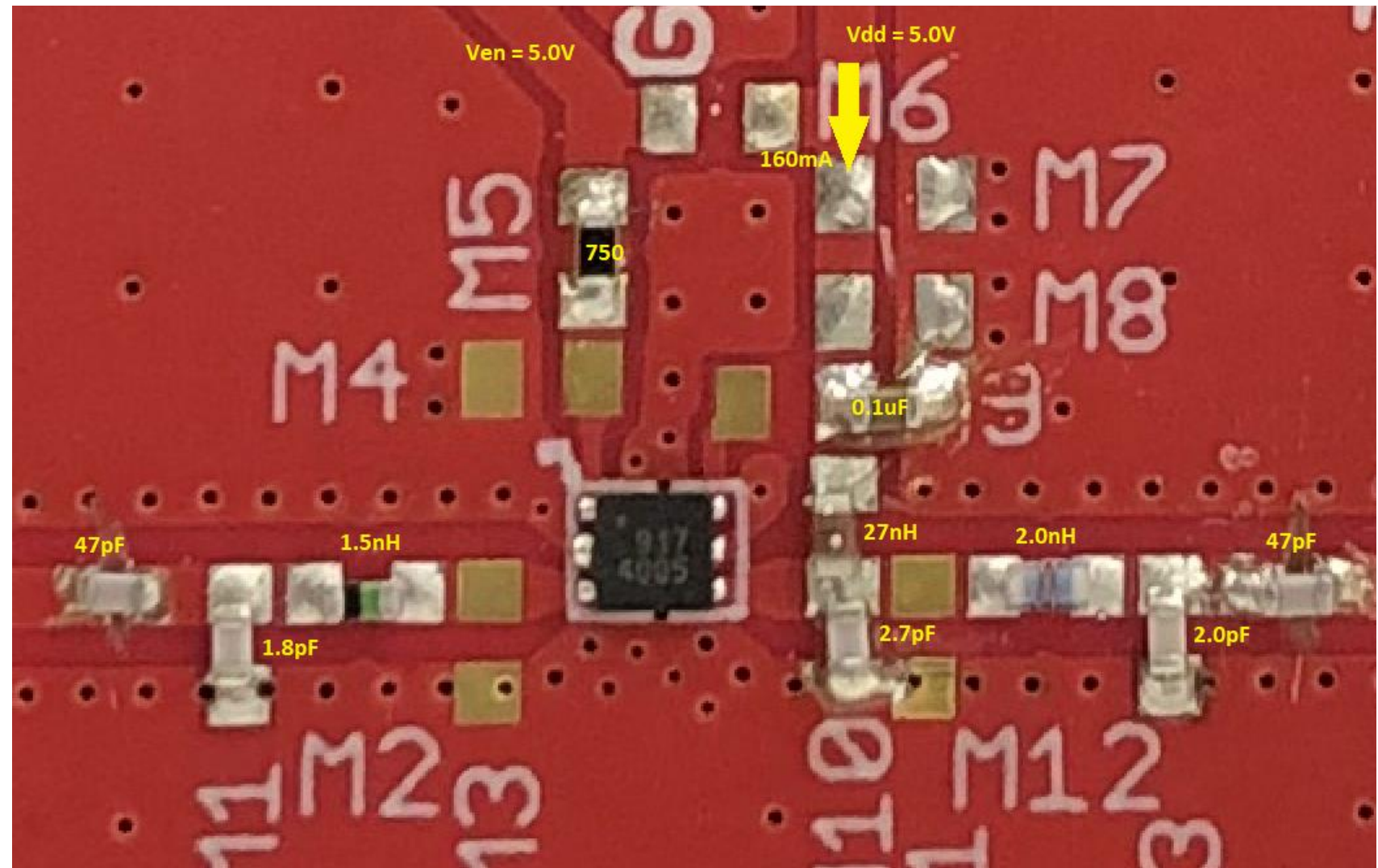




GRF4005 700-2000 MHz

10/15/21

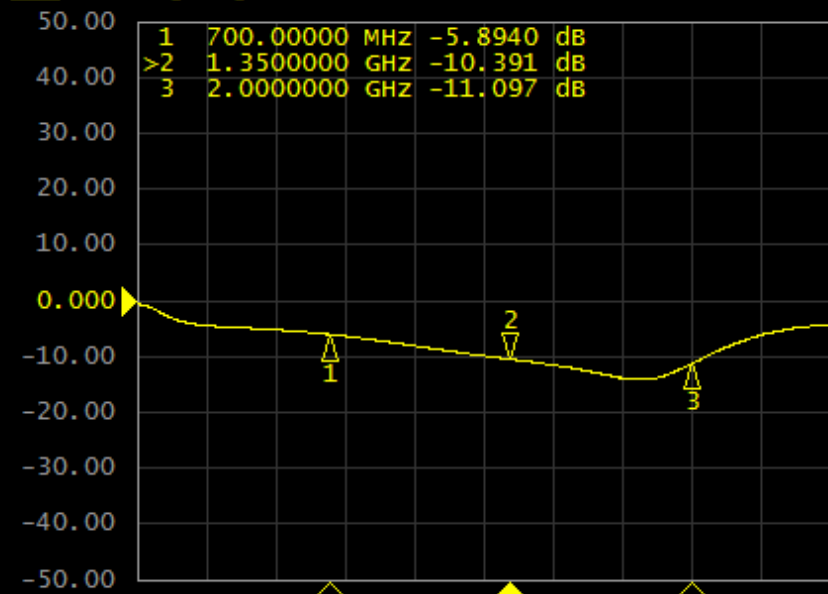
Schematic:



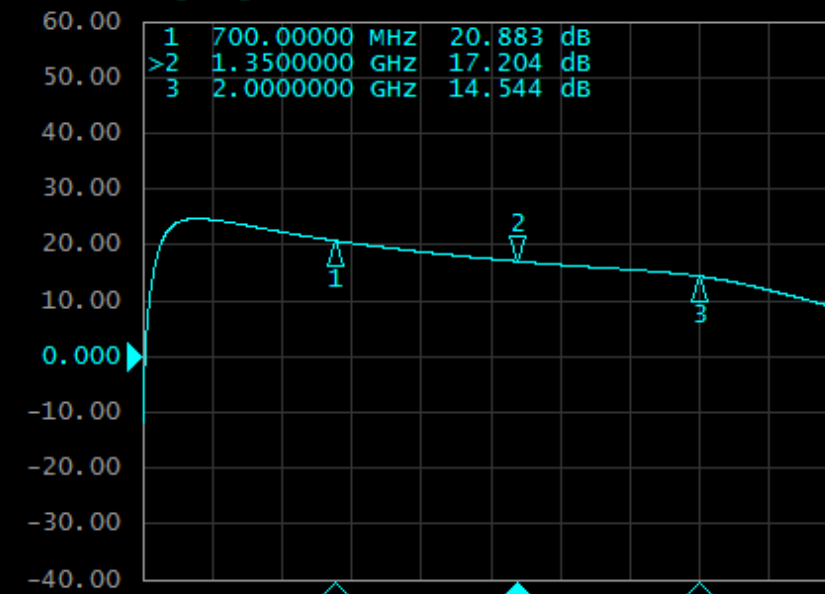
Response:

1 Active Ch/Trace 2 Response 3 Stimulus 4 Mkr/Analysis 5 Instr State

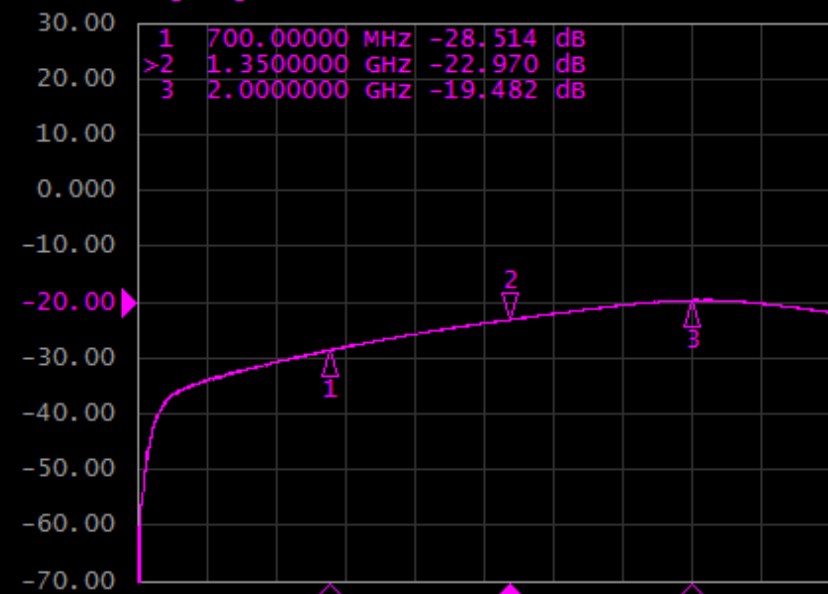
▶ Tr1 S11 Log Mag 10.00dB/ Ref 0.000dB [F2]



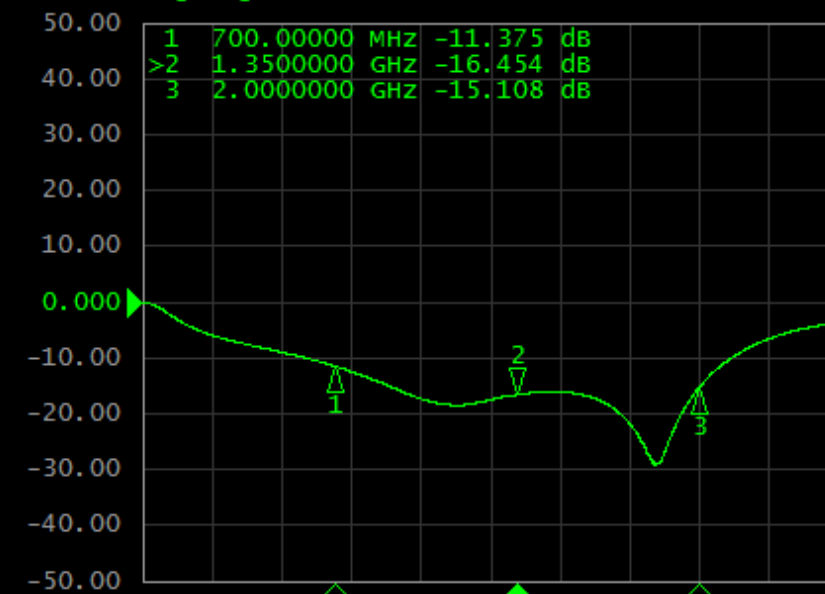
Tr2 S21 Log Mag 10.00dB/ Ref 0.000dB [F2]



Tr3 S12 Log Mag 10.00dB/ Ref -20.00dB [F2]



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



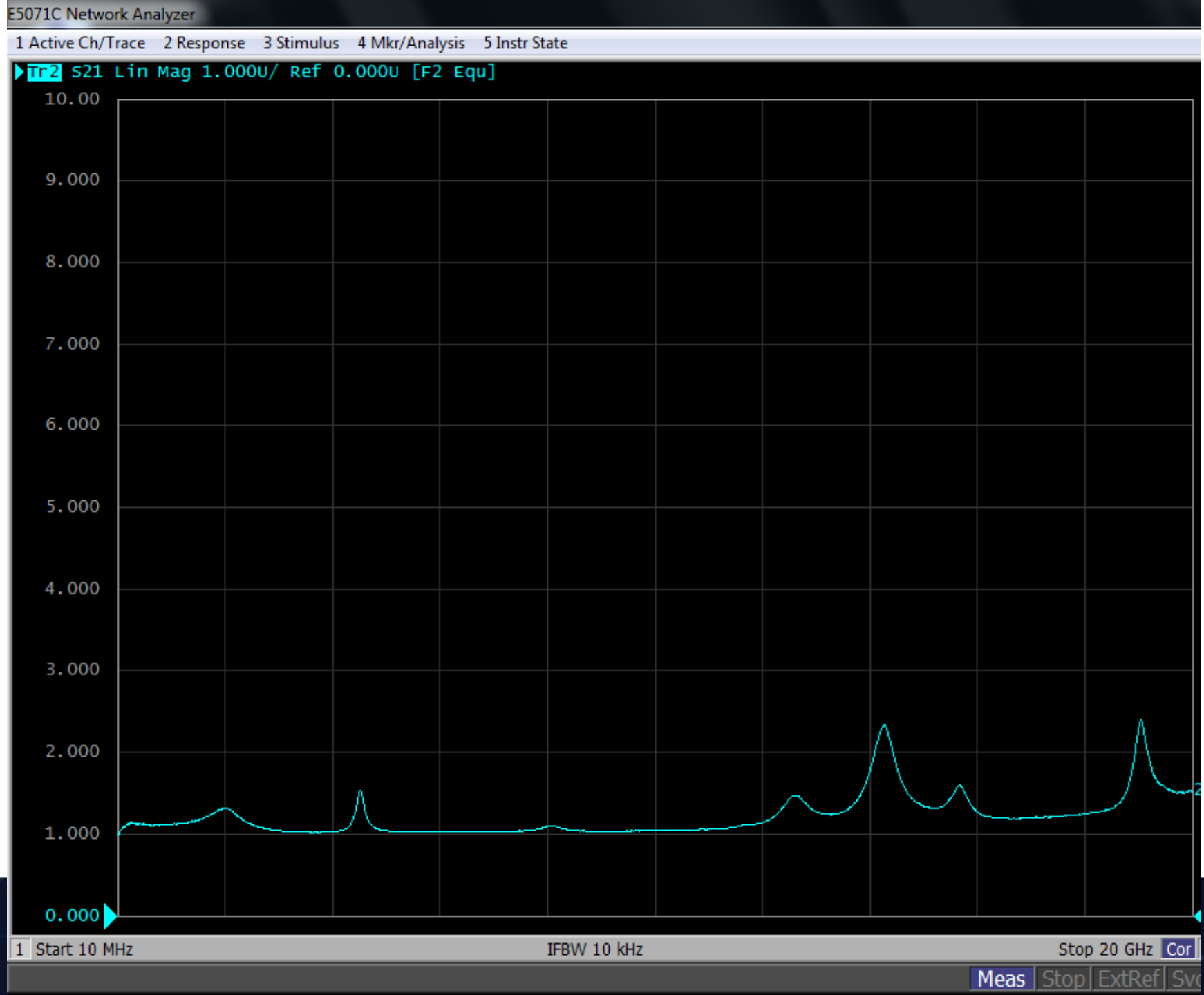
1 Start 10 MHz

IFBW 10 kHz

Stop 2.5 GHz C?

Meas Stop ExtRef Svc

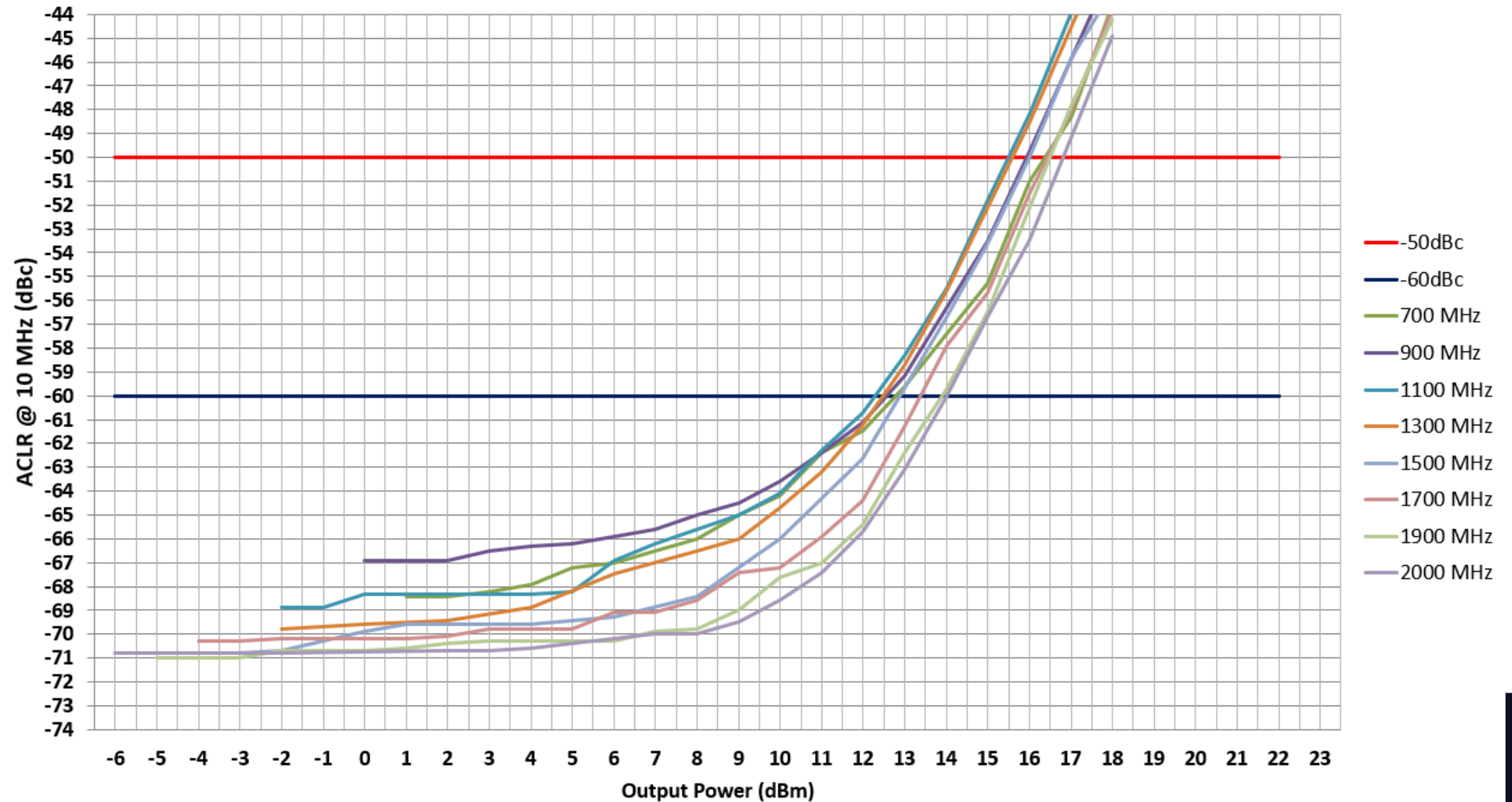
Stability:



Standard Data:

Device/Bias Point	Freq MHz	Vdd V	Ven V	Iddq mA	Ien mA	Pout/Ptone dBm	gain dB	tone spacing MHz	IIP3 dBm	OIP3 dBm	IP1dB dBm	OP1dB dBm	Eff %	EVN NF dB
GRF4005 5.0V/161mA	700	5	5	161.1	3.6	10	21.1	2	18.4	39.5	6.2	26.1	49.1	0.93
GRF4005 5.0V/161mA	900	5	5	161.1	3.6	10	19.7	2	20.1	39.8	8	26.3	48.5	0.87
GRF4005 5.0V/161mA	1100	5	5	161.1	3.6	10	18.6	2	20.6	39.2	8.5	26.1	41.2	0.78
GRF4005 5.0V/161mA	1300	5	5	161.1	3.6	10	17.7	2	21.7	39.4	10.1	26.8	45.4	0.75
GRF4005 5.0V/161mA	1500	5	5	161.1	3.6	10	16.7	2	23.5	40.2	11.9	27.5	55.4	0.74
GRF4005 5.0V/161mA	1700	5	5	161.1	3.6	10	16	2	24.6	40.6	12.3	27.2	52	0.73
GRF4005 5.0V/161mA	1900	5	5	161.1	3.6	10	15.1	2	25.9	41	12.8	26.8	52.3	0.82
GRF4005 5.0V/161mA	2000	5	5	161.1	3.6	10	14.8	2	26.7	41.5	14	27	59	0.87

GRF4005 LTE 10Q50RB PAR = 9.6dB





Contact Us

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