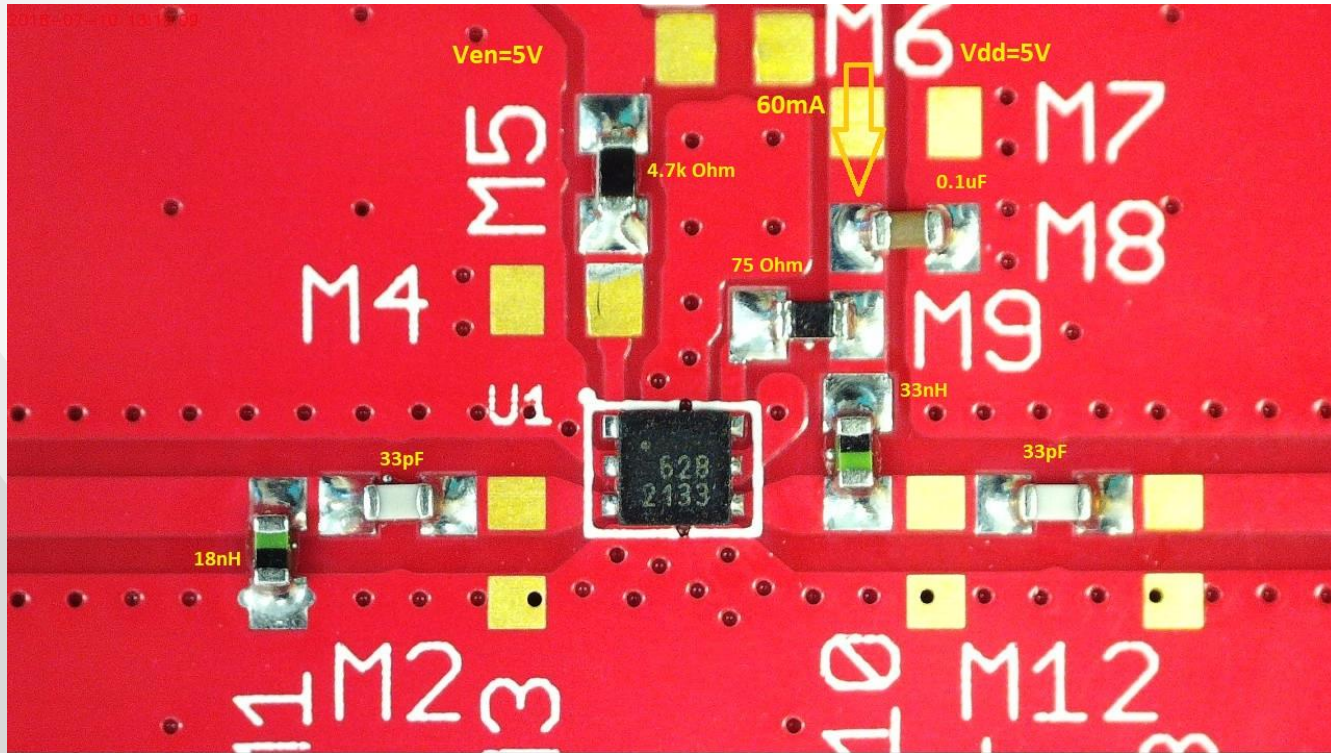


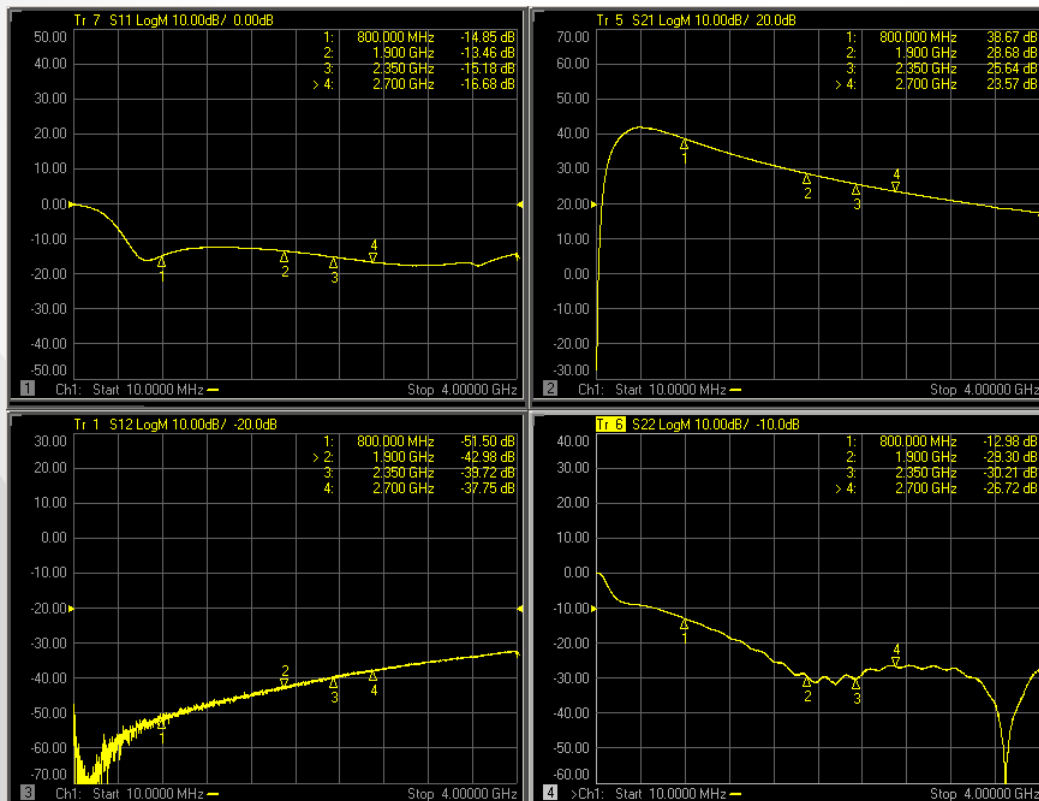


GRF2133 (800 - 2700 MHz)

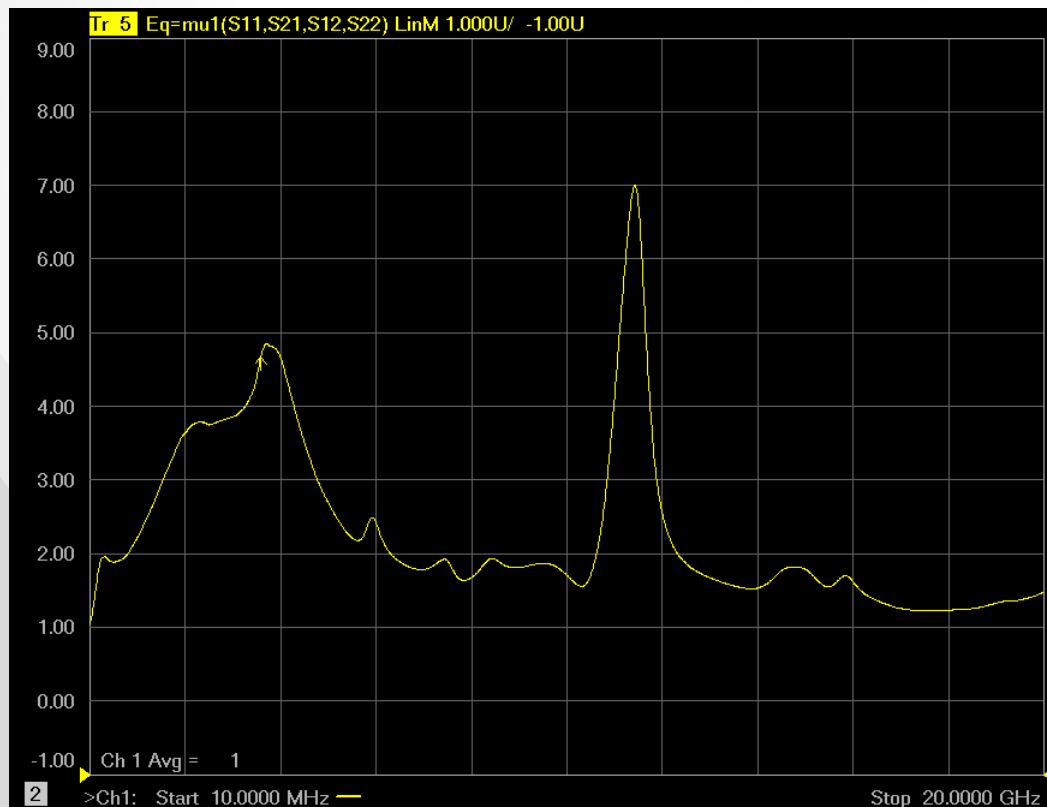
GRF2133 Schematic:



GRF2133 Response:



GRF2133 Stability Mu Factor:



GRF2133 Data:

Descriptor	Freq MHz	Vdd	Iddq mA	Ven	Ien mA	Pout/Ptone dBm	Gain dB	IIP3 dBm	OIP3 dBm	IP1dB dBm	OP1dB dBm	EVB NF
GRF2133 #193	800	5.0	61.3	5.0	1.7	2.1	38.7	-7.8	30.9	-16.9	20.822	0.56
GRF2133 #193	860	5.0	61.3	5.0	1.8	2.1	38.2	-7.1	31.1	-16.5	20.675	0.53
GRF2133 #193	920	5.0	61.3	5.0	1.9	2.1	37.4	-6.5	30.9	-15.7	20.734	0.51

Descriptor	Freq MHz	Vdd	Iddq mA	Ven	Ien mA	Pout/Ptone dBm	Gain dB	IIP3 dBm	OIP3 dBm	IP1dB dBm	OP1dB dBm	EVB NF
GRF2133 #193	1700	5.0	61.3	5.0	1.9	2.0	30.2	0.4	30.5	-8.5	20.701	0.49
GRF2133 #193	1900	5.0	61.3	5.0	1.9	2.0	28.6	1.7	30.3	-6.1	21.509	0.57
GRF2133 #193	2100	5.0	61.3	5.0	2.0	2.0	27.4	3.1	30.5	-5.5	20.884	0.64

Descriptor	Freq MHz	Vdd	Iddq mA	Ven	Ien mA	Pout/Ptone dBm	Gain dB	IIP3 dBm	OIP3 dBm	IP1dB dBm	OP1dB dBm	EVB NF
GRF2133 #193	2300	5.0	61.3	5.0	2.0	2.0	26.0	4.4	30.4	-3.8	21.246	0.62
GRF2133 #193	2350	5.0	61.3	5.0	2.0	2.2	25.5	4.8	30.4	-2.4	22.138	0.62
GRF2133 #193	2400	5.0	61.3	5.0	2.0	2.0	25.6	5.0	30.6	-3.7	20.921	0.69

Descriptor	Freq MHz	Vdd	Iddq mA	Ven	Ien mA	Pout/Ptone dBm	Gain dB	IIP3 dBm	OIP3 dBm	IP1dB dBm	OP1dB dBm	EVB NF
GRF2133 #193	2500	5.0	61.3	5.0	2.0	2.1	24.6	5.6	30.2	-1.6	21.984	0.64
GRF2133 #193	2600	5.0	61.3	5.0	2.0	2.1	24.1	5.9	30.1	-1.6	21.481	0.69
GRF2133 #193	2700	5.0	61.3	5.0	1.9	2.1	23.8	6.4	30.2	-2.6	20.178	0.69



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