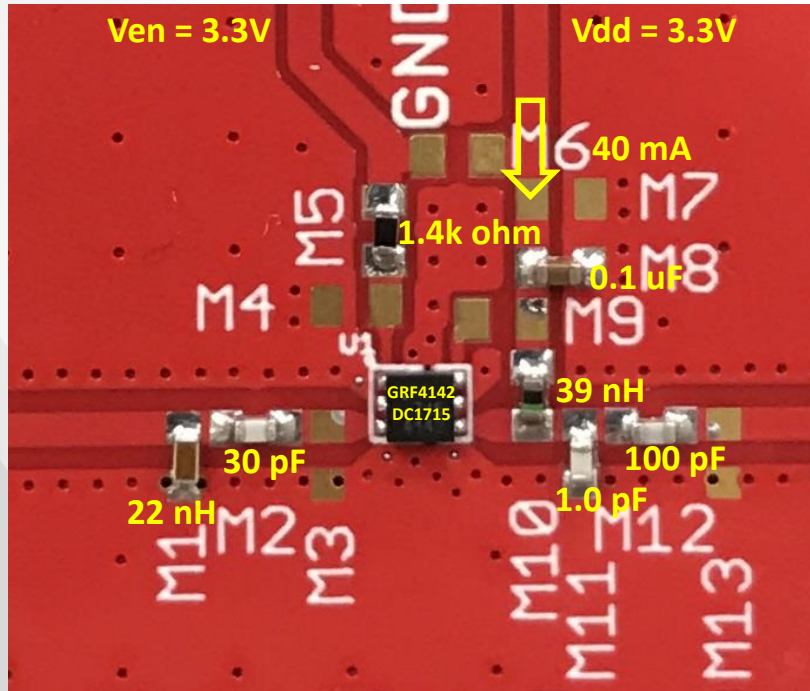


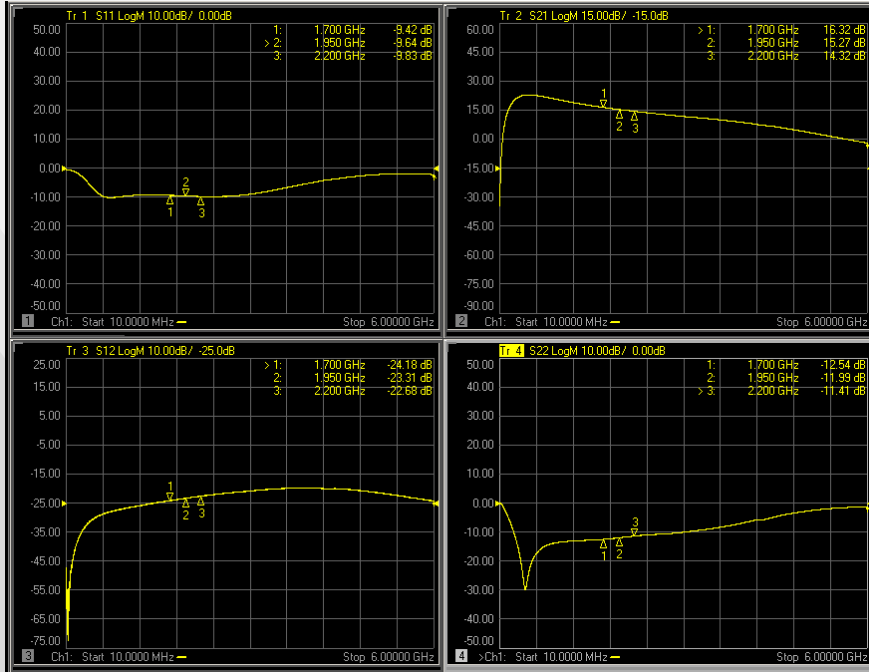


GRF4142 (1700 - 2200 MHz)

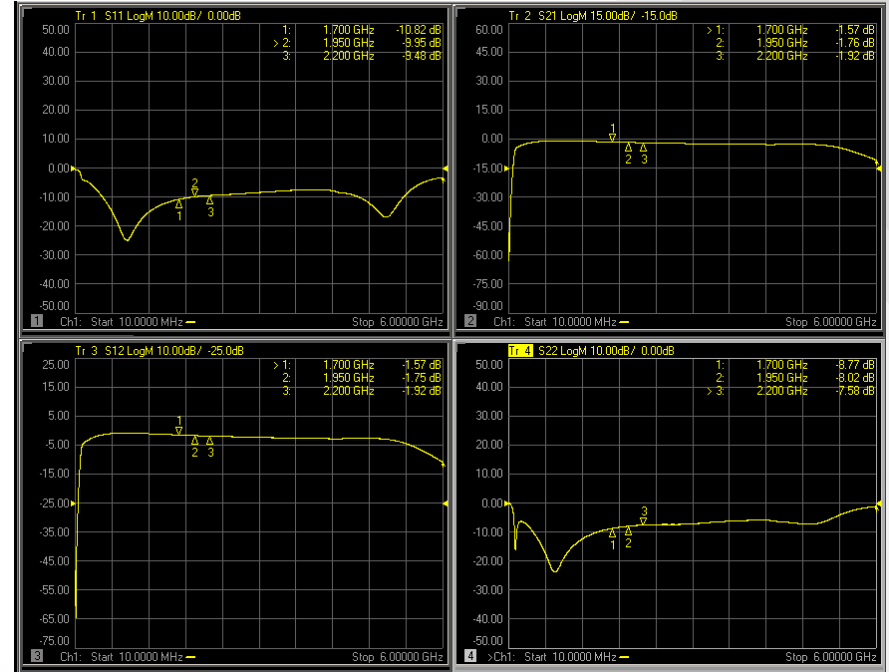
GRF4142 Schematic:



GRF4142 Response:

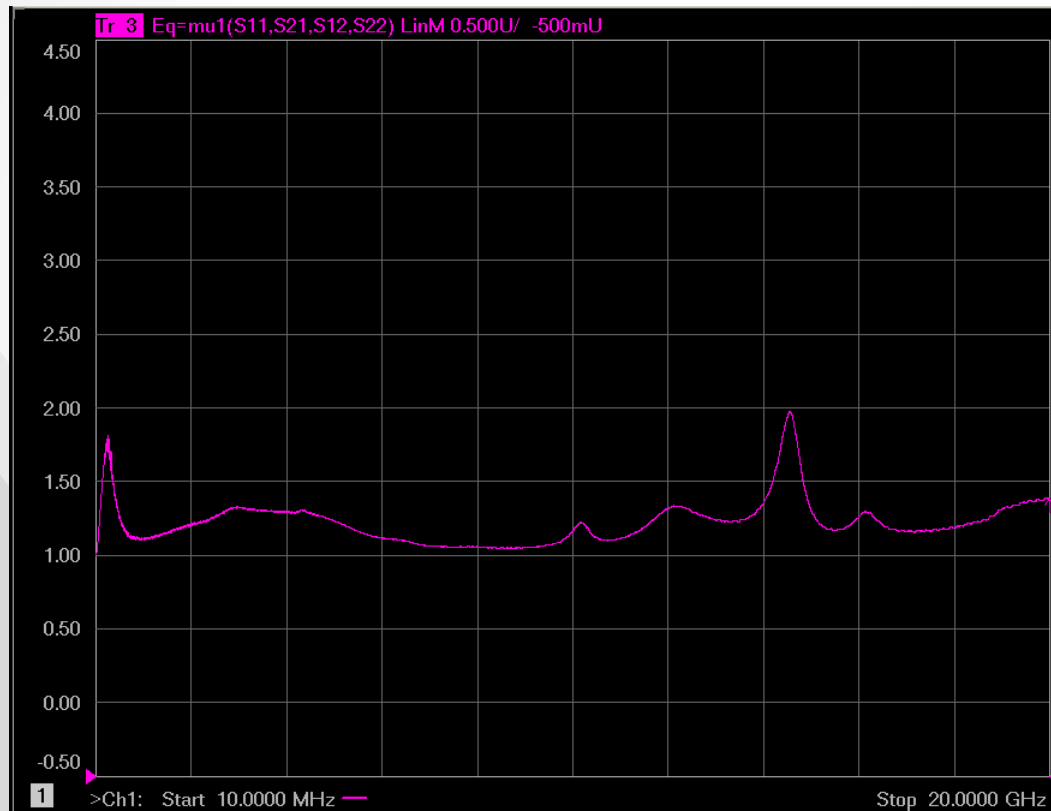


Gain Mode



Bypass Mode

GRF4142 Stability Mu Factor:



GRF4142 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 dB
GRF4142_3.3V_40mA	1700	3.3	41.0	3.3	1.8	-0.2	16.3	14.0	30.3	3.3	18.4	0.84
GRF4142_3.3V_40mA	1950	3.3	41.0	3.3	1.8	0.0	15.5	14.7	30.2	3.8	18.1	0.89
GRF4142_3.3V_40mA	2200	3.3	41.0	3.3	1.8	0.0	14.2	15.2	29.5	4.7	17.9	0.92
GRF4142_3.3V_bypass	1700	3.3	0.6	0.0	0.0	0.0	-1.5	39.5	38.0	26.3	23.8	
GRF4142_3.3V_bypass	1950	3.3	0.6	0.0	0.0	-0.1	-1.5	39.0	37.5	26.2	23.6	
GRF4142_3.3V_bypass	2200	3.3	0.6	0.0	0.0	0.0	-2.0	37.0	35.0	26.1	23.1	



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