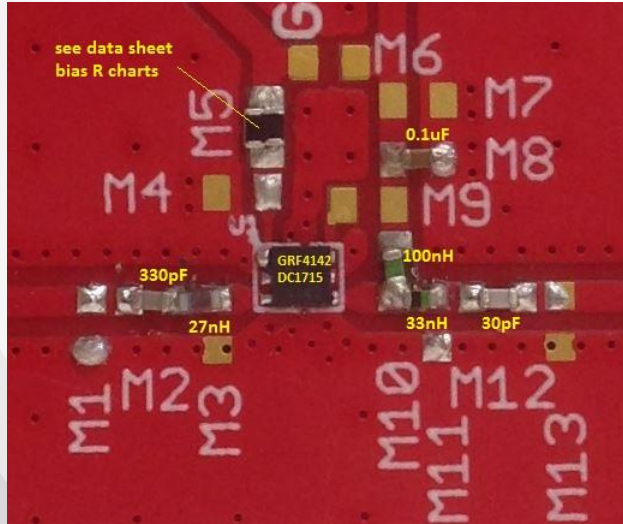


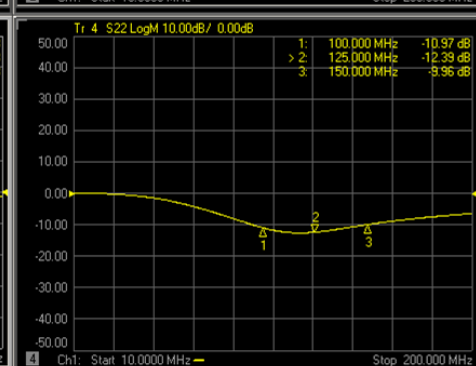
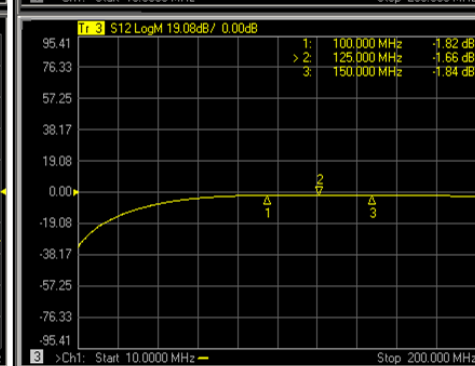
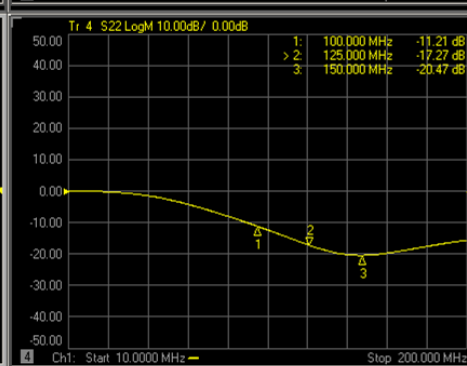
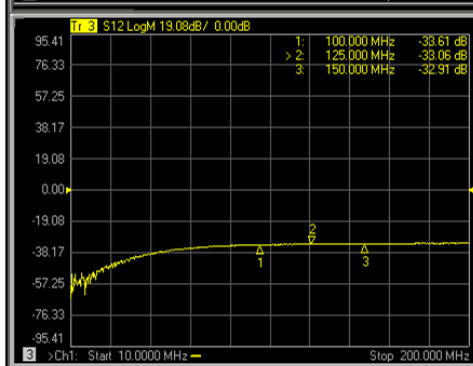
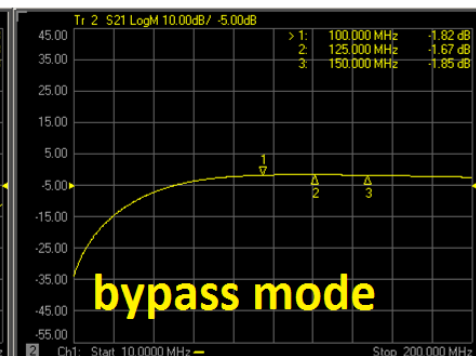
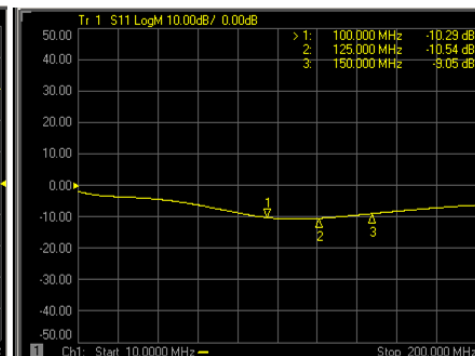
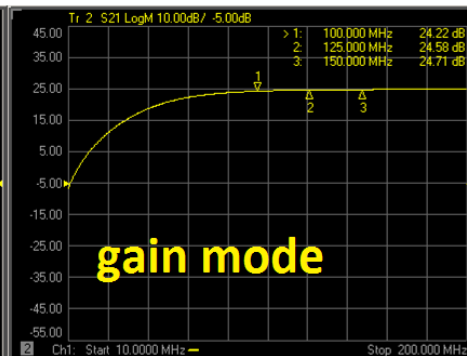
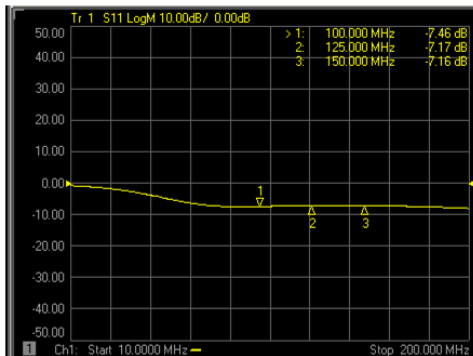


GRF4142 (100 - 150 MHz)

GRF4142 Schematic:



GRF4142 Response:



GRF4142 Data:

gain mode 5.0V/70mA	100	5.0	68.8	2.2	2.0	2.0	24.2	7.8	32.0	-2.6	20.6	1.30
gain mode 5.0V/70mA	125	5.0	68.8	2.2	2.0	2.0	24.6	8.3	32.9	-2.9	20.7	1.17
gain mode 5.0V/70mA	150	5.0	68.8	2.2	2.0	2.0	24.7	7.3	32.0	-3.8	19.9	1.16
Mode/Bias Point	Freq MHz	Vdd	Iddq mA	Ven	Ien mA	Pout/Ptone dBm	Gain dB	IIP3 dBm	OIP3 dBm	IP1dB dBm	OP1dB dBm	EVB NF dB
5.0V bypass mode	100	5.0	0.8	0.0	0.0	2.0	-1.8	37.9	36.1	18.9	16.1	x
5.0V bypass mode	125	5.0	0.8	0.0	0.0	2.0	-1.7	40.4	38.7	20.2	17.5	x
5.0V bypass mode	150	5.0	0.8	0.0	0.0	2.0	-1.8	41.7	39.9	20.8	18.0	x



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