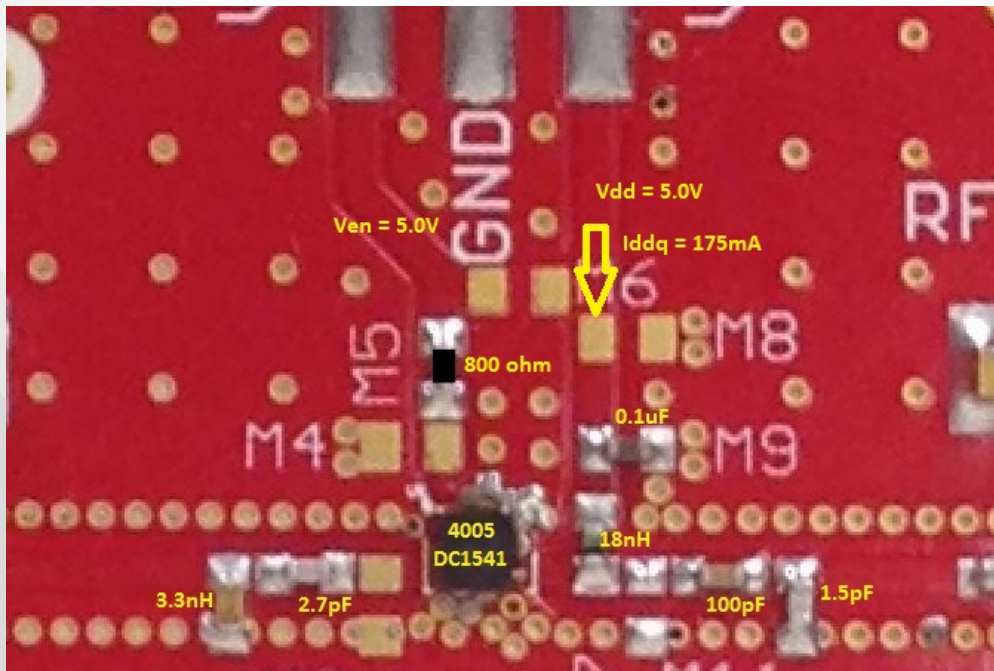


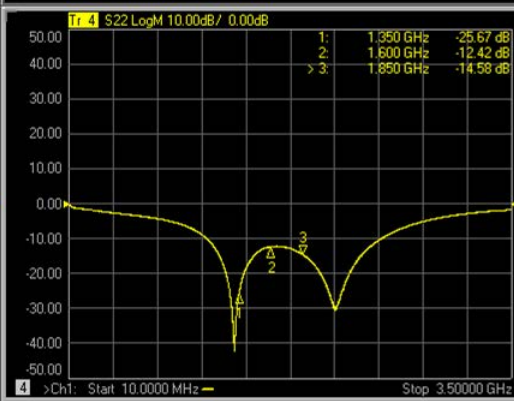
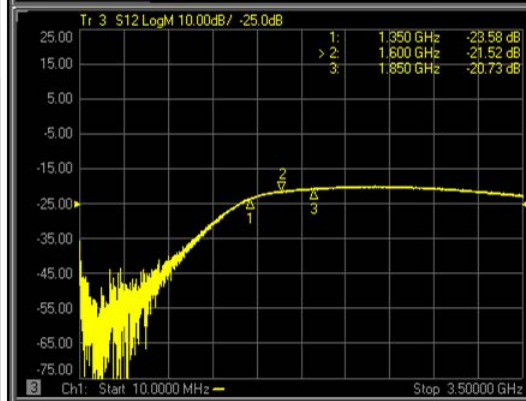
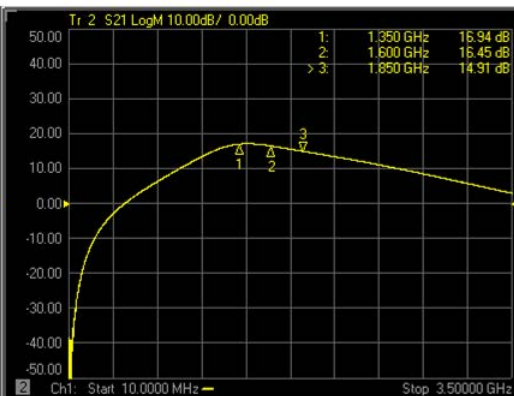
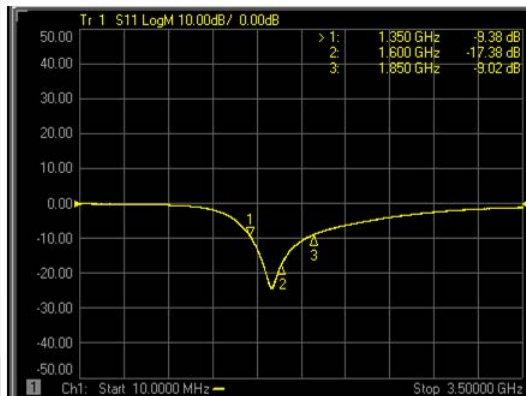


GRF4005 (1350 - 1850 MHz)

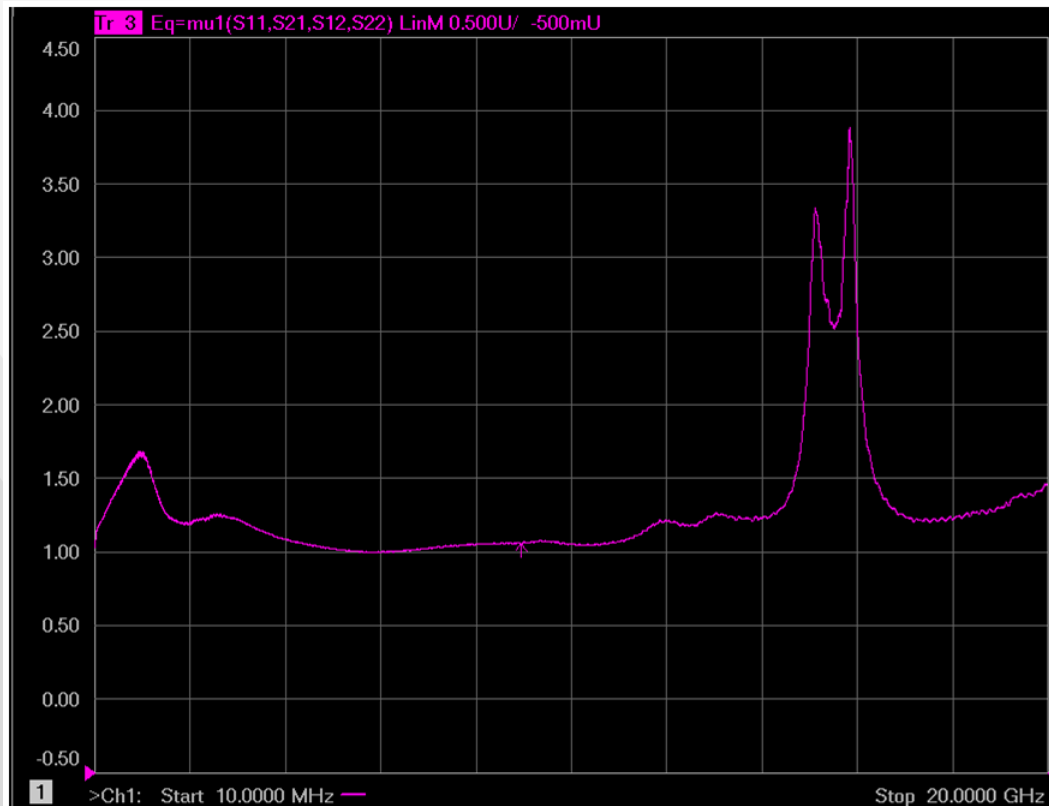
GRF4005 Schematic:



GRF4005 Response:



GRF4005 Stability Mu Factor:



GRF4005 Data:

Device/Bias Point	Freq MHz	Vdd	Iddq mA	Ven	Ien mA	Pout/Ptone dBm	Gain dB	IIP3 dBm	OIP3 dBm	IP1dB dBm	OP1dB dBm	Efficiency @ P1dB %
GRF4005 5.0V/175mA	1350	5.0	173.1	5.0	3.8	10.0	17.0	22.9	39.9	10.0	26.0	46.2
GRF4005 5.0V/175mA	1450	5.0	173.1	5.0	3.8	10.0	17.2	23.1	40.3	10.3	26.4	48.0
GRF4005 5.0V/175mA	1550	5.0	173.1	5.0	3.8	10.0	16.8	24.0	40.8	11.0	26.6	49.1
GRF4005 5.0V/175mA	1650	5.0	173.1	5.0	3.8	10.0	16.3	25.0	41.3	11.8	26.9	51.1
GRF4005 5.0V/175mA	1750	5.0	173.1	5.0	3.8	10.0	15.7	25.9	41.6	12.4	27.0	52.1
GRF4005 5.0V/175mA	1850	5.0	173.1	5.0	3.8	10.0	15.1	27.2	42.3	13.1	27.1	52.7



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