



Antenna Passive Measurements in Chamber

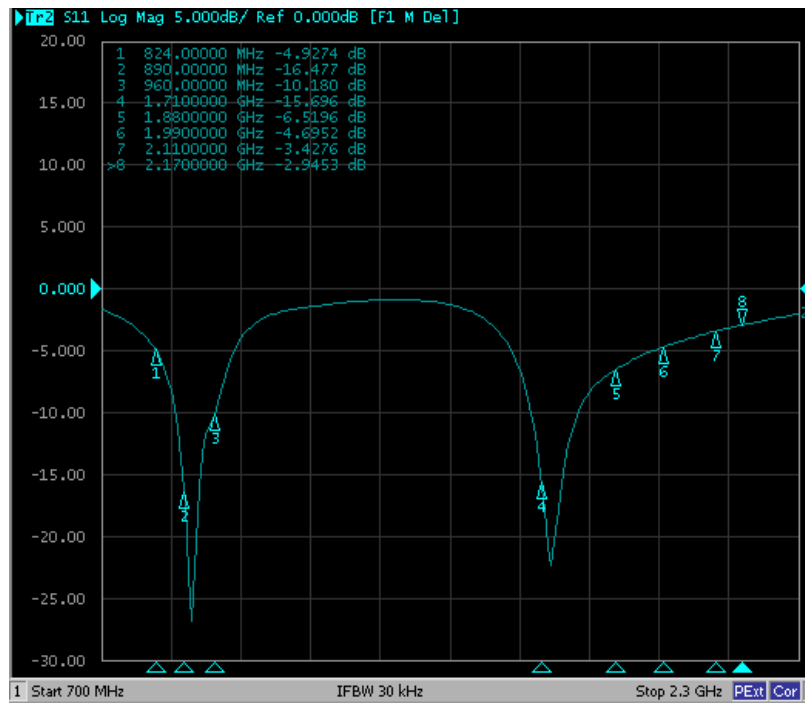
Customer	产品管理部	Date	2014-5-16
Model No.	GW552	Tester	刘甫俊
Temperature	25℃	Humidity	50%
Test Band	主天线	Phone status	

暗室数据

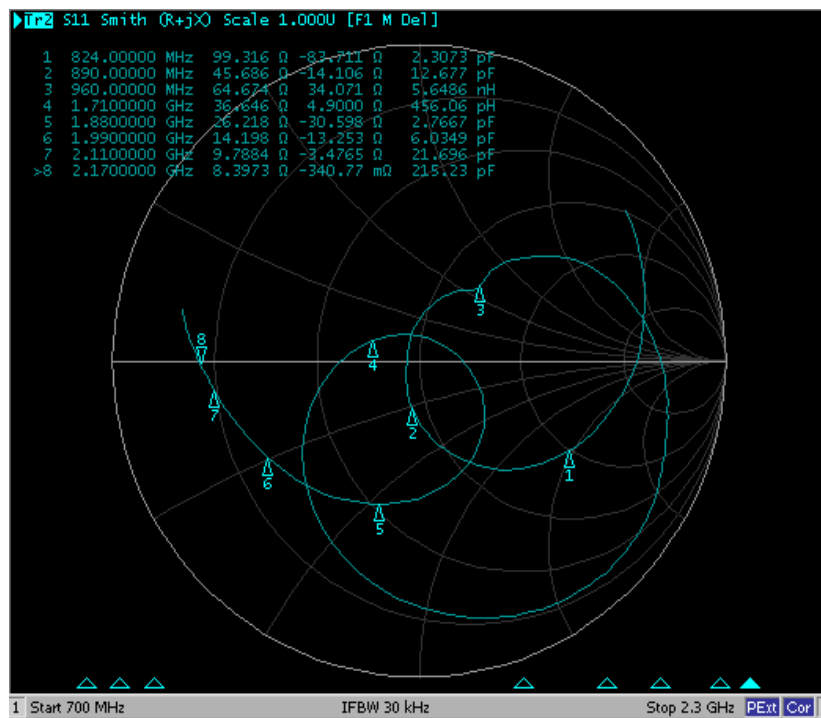
Frequency (MHZ)	Gain (dBi)	Efficiency (%)	Efficiency (dB)
820	-3.10		
830	-2.86		
840	-2.34		
850	-2.66		
860	-3.55		
870	-3.47		
880	-3.74		
890	-3.79		
900	-3.68		
910	-3.10		
920	-2.89		
930	-3.06		
940	-3.64		
950	-3.33		
960	-3.91		
1700	-4.16		
1710	-4.66		
1720	-5.96		
1730	-4.19		
1740	-3.46		
1750	-3.32		
1760	-3.60		
1770	-3.54		
1780	-3.36		
1790	-2.06		
1800	-2.88		
1810	-3.65		
1820	-3.08		
1830	-4.03		

1840	-4.29		
1850	-4.22		
1860	-4.44		
1870	-3.83		
1880	-4.32		
1890	-4.09		
1900	-3.52		
1910	-4.28		
1920	-4.03		
1930	-4.15		
1940	-4.22		
1950	-3.47		
1960	-3.43		
1970	-3.74		
1980	-3.78		
1990	-3.16		
2110	-4.37		
2120	-4.40		
2130	-4.87		
2140	-5.26		
2150	-5.37		
2160	-4.81		
2170	-4.24		

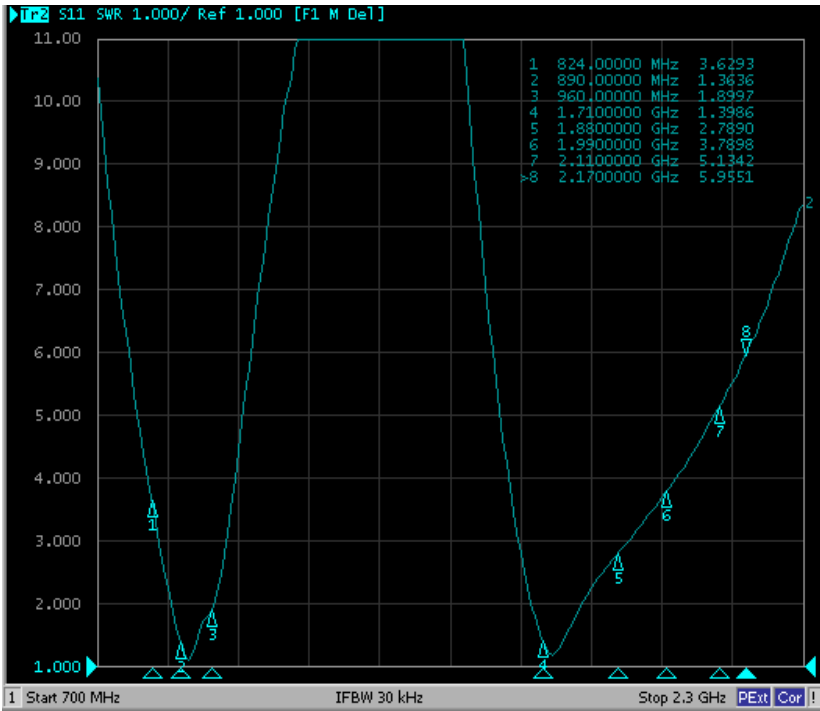
Return Loss



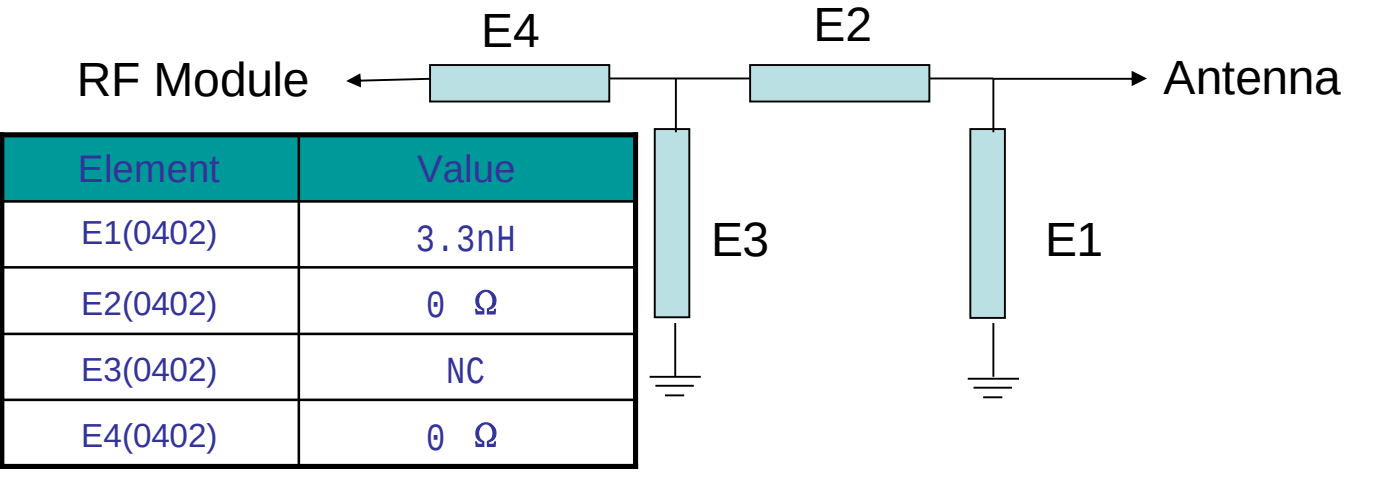
Smith Chart



VSWR



匹配电路



分析与结论