



深圳市东信通电子科技有限公司

ShenZhen Eastong Electronic technology Co., LTD

E.S Antenna Design & Mobile Phone OTA (CTIA)

Test Report

Design for : BT



深圳市东信通电子科技有限公司



日期	版本	状况
2023/11/15	A	

1 概述 1-2

2 项目描述..... 1-2

3调试设置 3

3.1驻波(VSWR)和回波反射(Return Loss) 3

3.2 TRP/TIS 使用 Agilent8960(5515C) 在 ETS 7m×4m×3m 3D暗室里面测试的。 3

3.3匹配电路(Matching Circuit Description) 3

4 Effective Radiated Power Summation (TRP) 3

5 Effective Isotopic Sensitivity Summation (TIS) 4

6 环境处理



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1 Antenna Model: 2.4G ANT

2 Antenna Type: Copper ANT

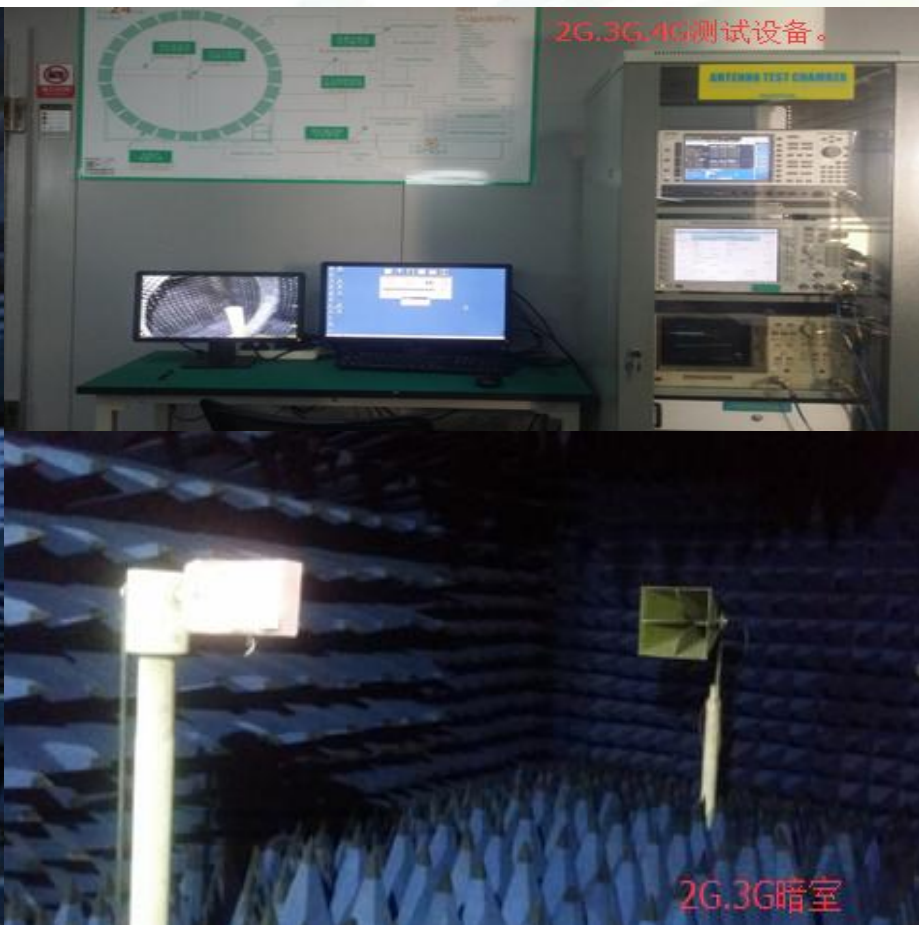
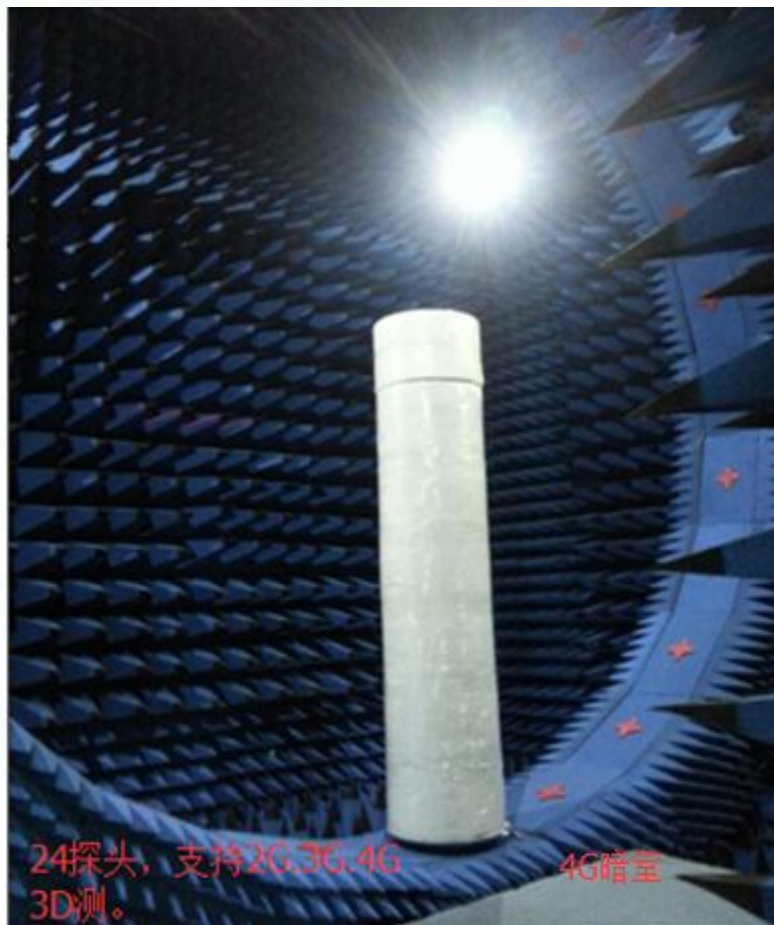
3 Antenna Photos:



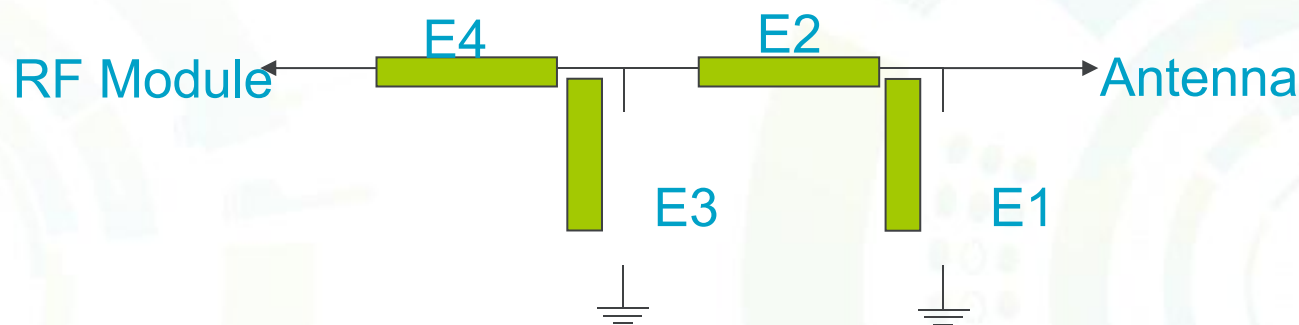
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2、先进技术设备



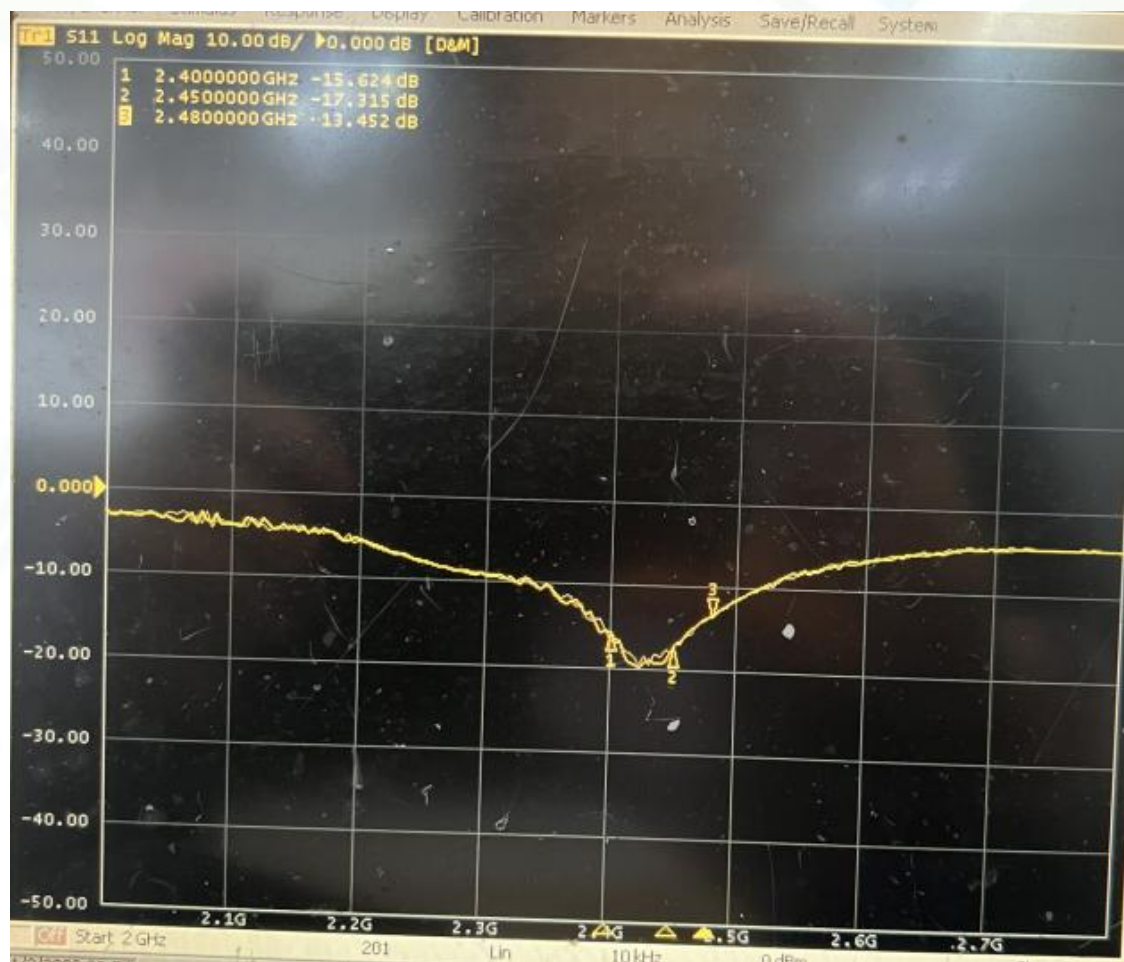
匹配电路(Matching Circuit Description)



Element	Value	Vender
E1(0402)		
E2(0402)		
E3(0402)		
E4(0402)		

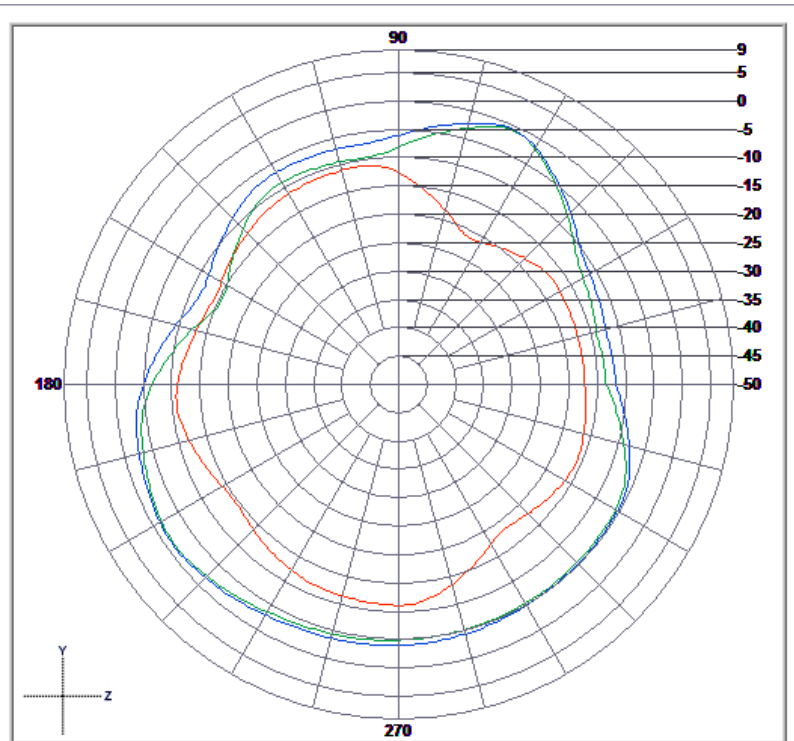
原匹配

S11:



效率/增益:

Test Point ID	Freq. (MHz)	Gain (dBi)	Efficiency (%)
1	2400.0	-4.7	10.5%
2	2410.0	-4.6	10.8%
3	2420.0	-4.6	10.9%
4	2430.0	-4.9	11.3%
5	2440.0	-4.3	11.9%
6	2450.0	-4.7	11.7%
7	2460.0	-4.9	11.5%
8	2470.0	-4.8	10.5%
9	2480.0	-5.1	10.6%
10	2490.0	-5.6	10.2%
11	2500.0	-5.7	9.6%



	Vertical	Horizontal	Total
Peak Gain	-13.34dB	-5.06dB	-4.3 dB