



TYW 天有为电子

| 积极主动 | 团队协作 |

春风动力SE03_MB03天线测试报告

哈尔滨研究院硬件部

-
- 一、测试环境 Test environment and setup
 - 二、主板信息及更改 PCB information & PCBA rework
 - 三、测试结果 Test results



一、测试环境

Test environment and setup

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测试仪表 Instruments used for test

矢量网络分析仪 E5080B
Keysight Network Analyzer E5080B



OTA天线测试系统
通用测试 RayZone® 2800





一、测试环境

Test environment and setup

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待测整机 DUT

Side A



Side B





一、测试环境

Test environment and setup

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测试环境 Setup of the test



矢量网络分析仪
ENA

待测整机
DUT





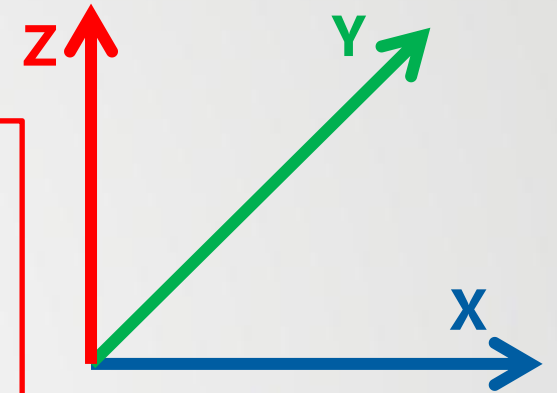
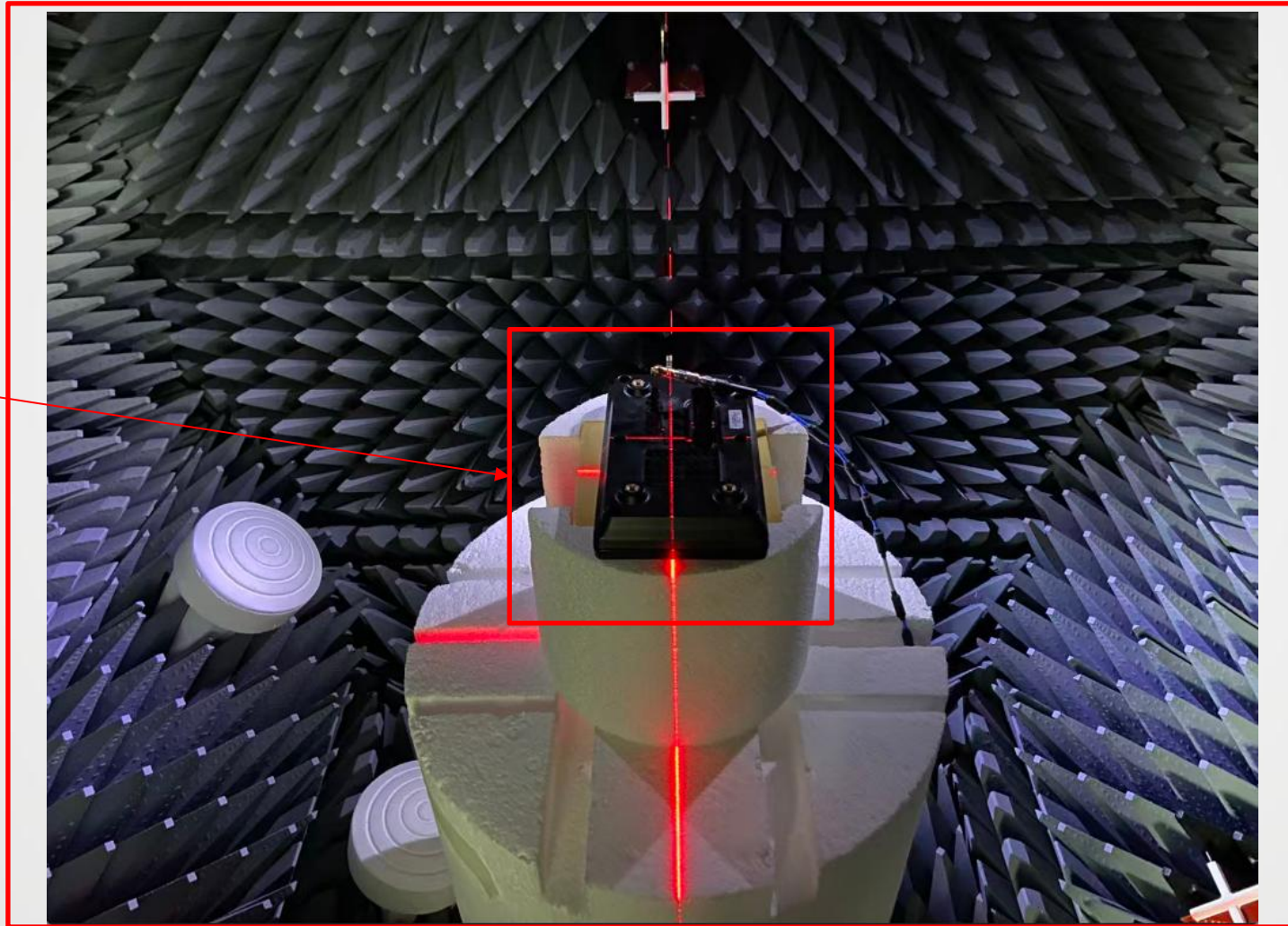
一、测试环境

Test environment and setup

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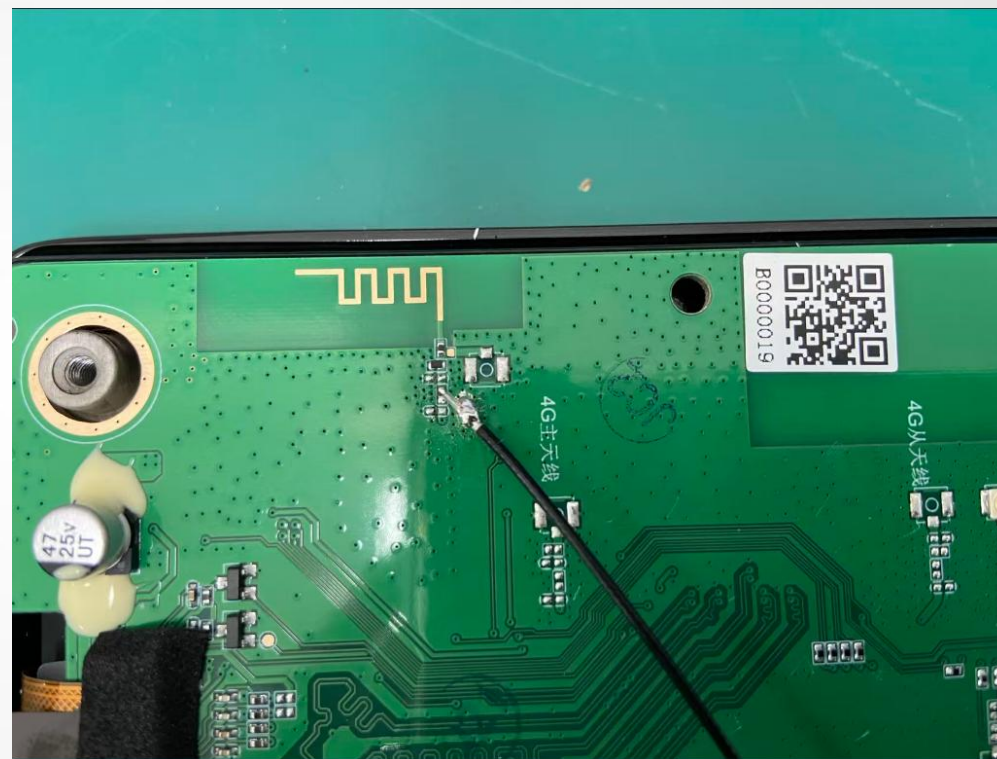
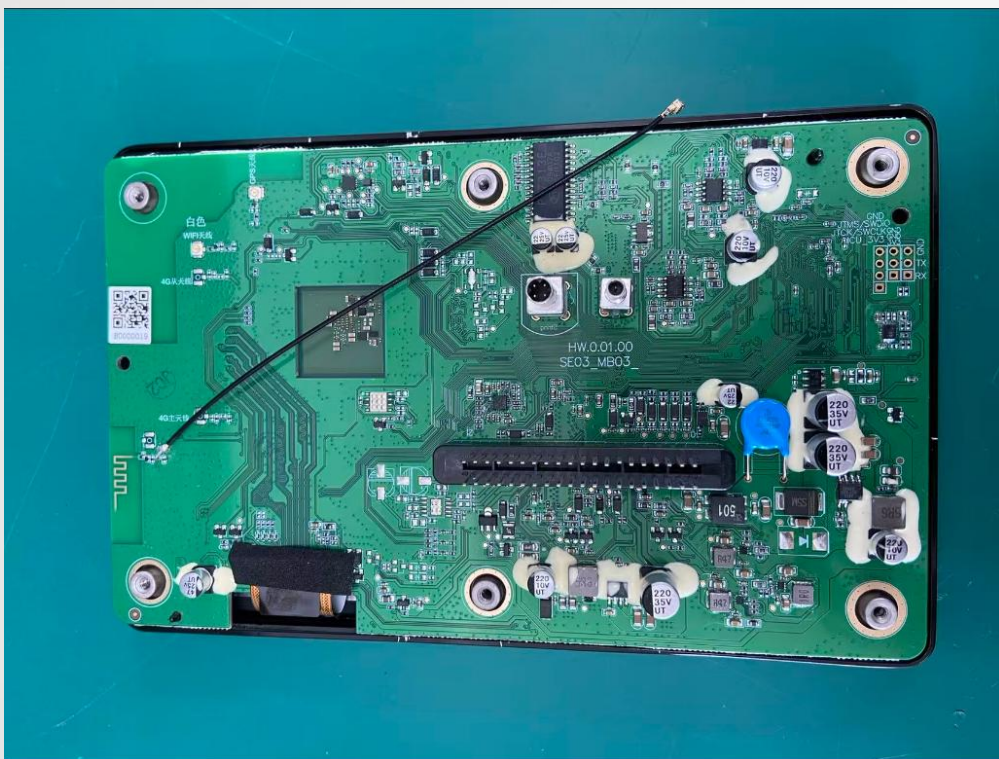
测试环境 Setup of the test

待测整机
DUT



暗室OTA系统
GTS2800

测试点 Test point



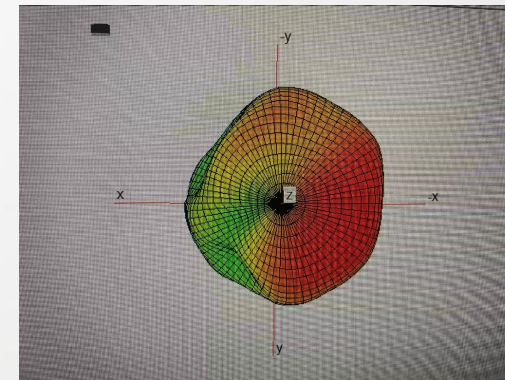
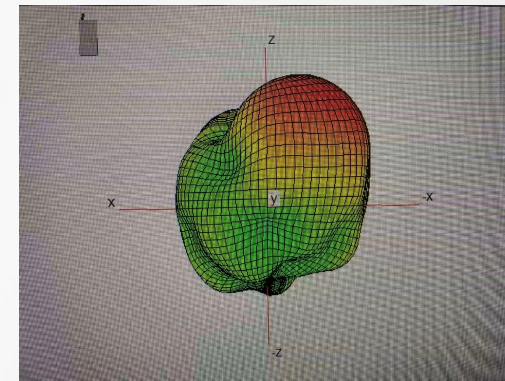
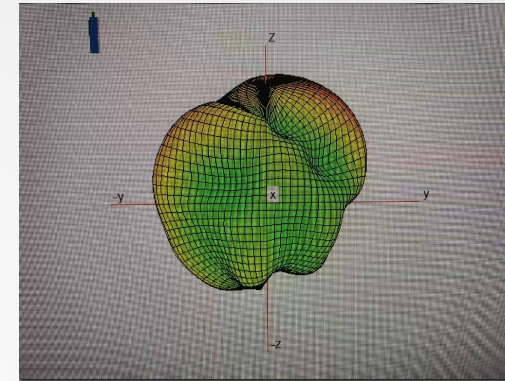
S参表现 S parameter performance

Freq. /MHz	S11/db
2400	-2.67
2450	-2.71
2500	-2.82



OTA表现 OTA performance

Freq. /MHz	Peak Gain /dBi	Effi.
2400	-1.6	10.04%
2410	-1.65	9.71%
2420	-1.67	9.49%
2430	-1.75	9.21%
2440	-1.7	9.16%
2450	-1.81	9.03%
2460	-1.92	9.02%
2470	-2.24	8.62%
2480	-2.76	8.07%
2490	-3.31	7.42%
2500	-3.74	7.01%





/ **THANKS** /

|Proactive | Team Work|