

专业天线服务商

深圳市飞敏科技有限公司
SHENZHEN FEIMIN TECHNOLOGY CO.,LTD.



天线测试报告

Antenna test report

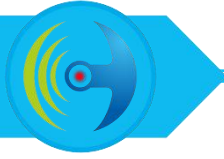
项目型号 USB (SB2635D-XD)

天线型号

测 试 许高富

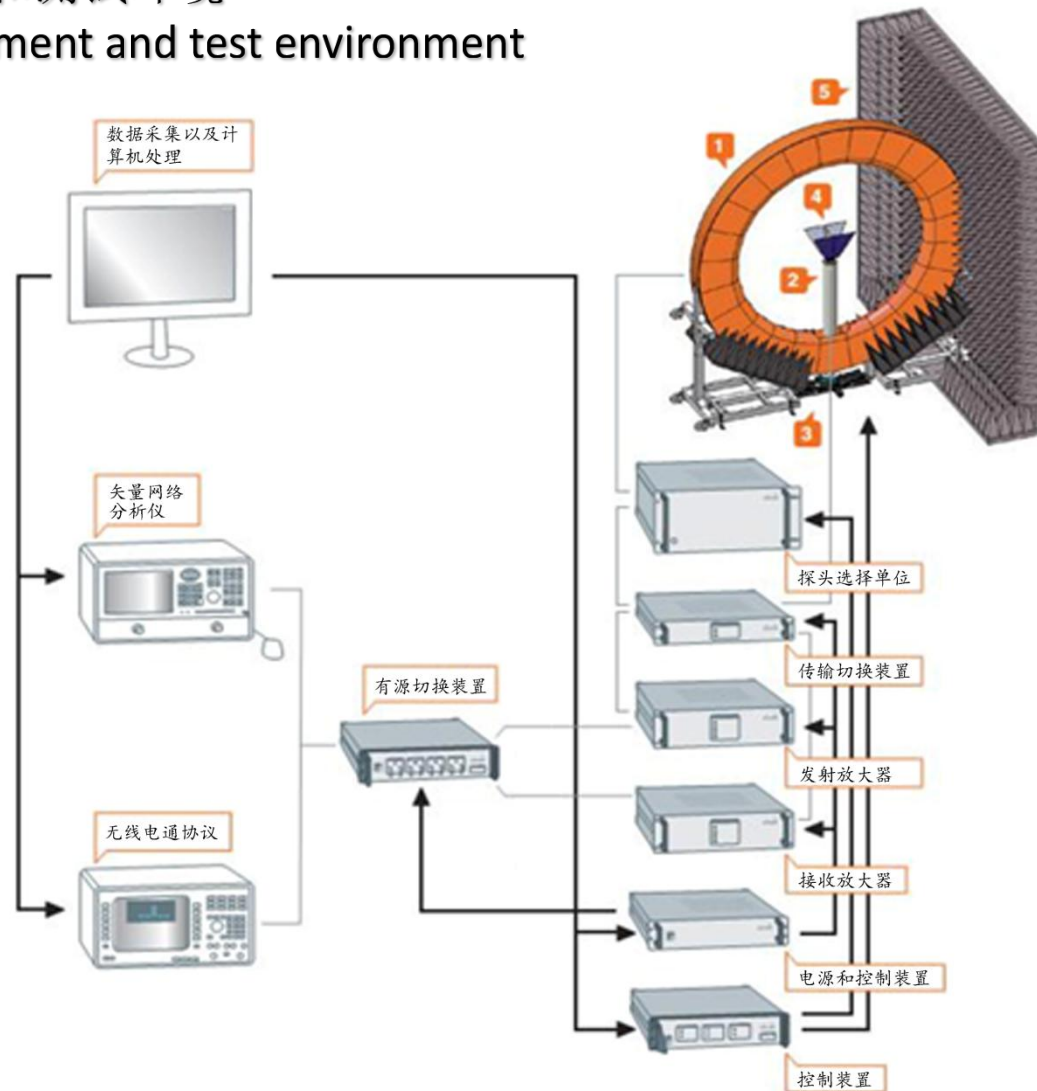
审 核 夏兴喜

日 期 2026-1-22



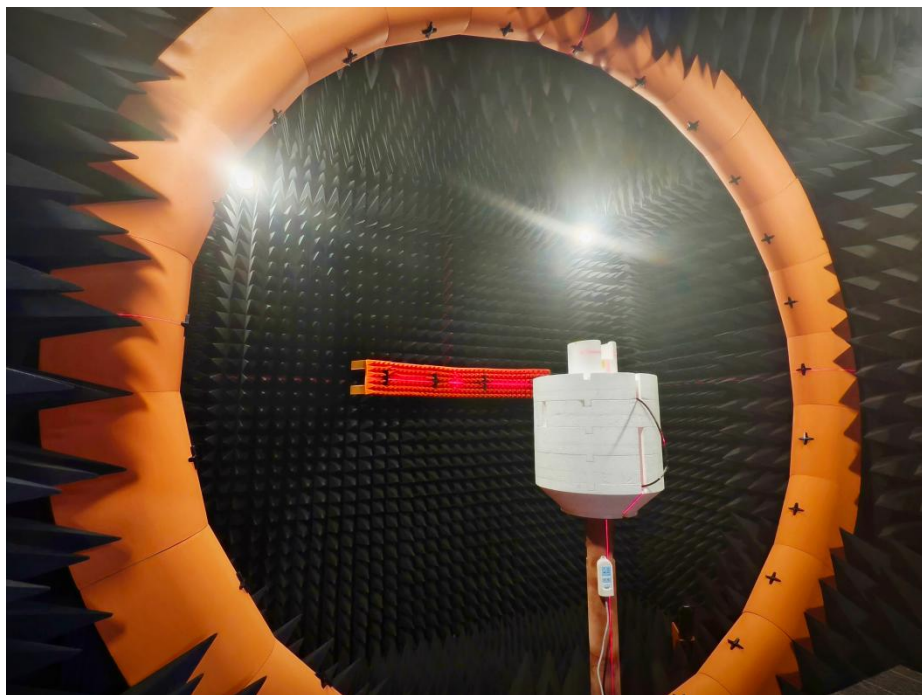
测试设备和测试环境

Test equipment and test environment





测试设备 Test equipment



探头微波暗室

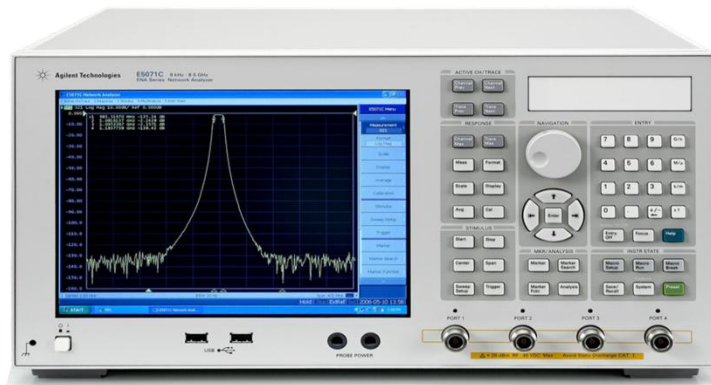
➤ 频率: 0.4GHz至12GHz

主要测试指标

- ◆ 无源指标
- ◆ 增益
- ◆ 效率
- ◆ 3D方向图
- 有源指标
- TRP总辐射功率
- TIS总接收灵敏度



测试设备 Test equipment



Agilent E5071C矢量网络分析仪

- 频率：300 kHz至8.5GHz



R&S CMW500 宽带无线通信测试仪

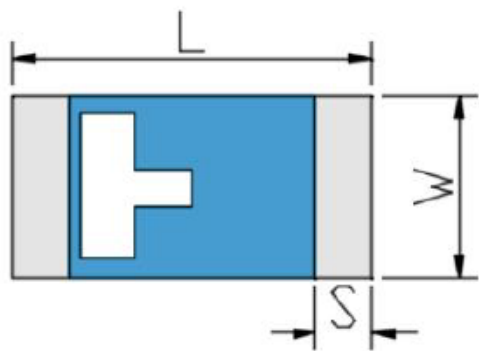
- GSM/3G/4G
- WIFI/ Bluetooth
- NB-IoT



Passive antenna data

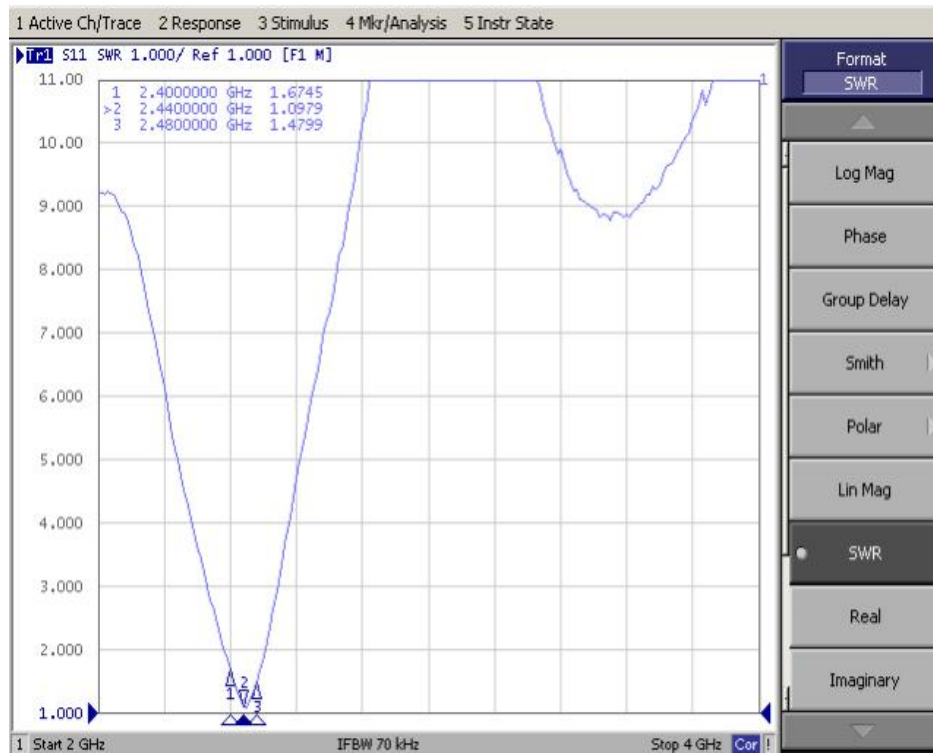
L:3.2mm W:1.6mm

S:1.0mm

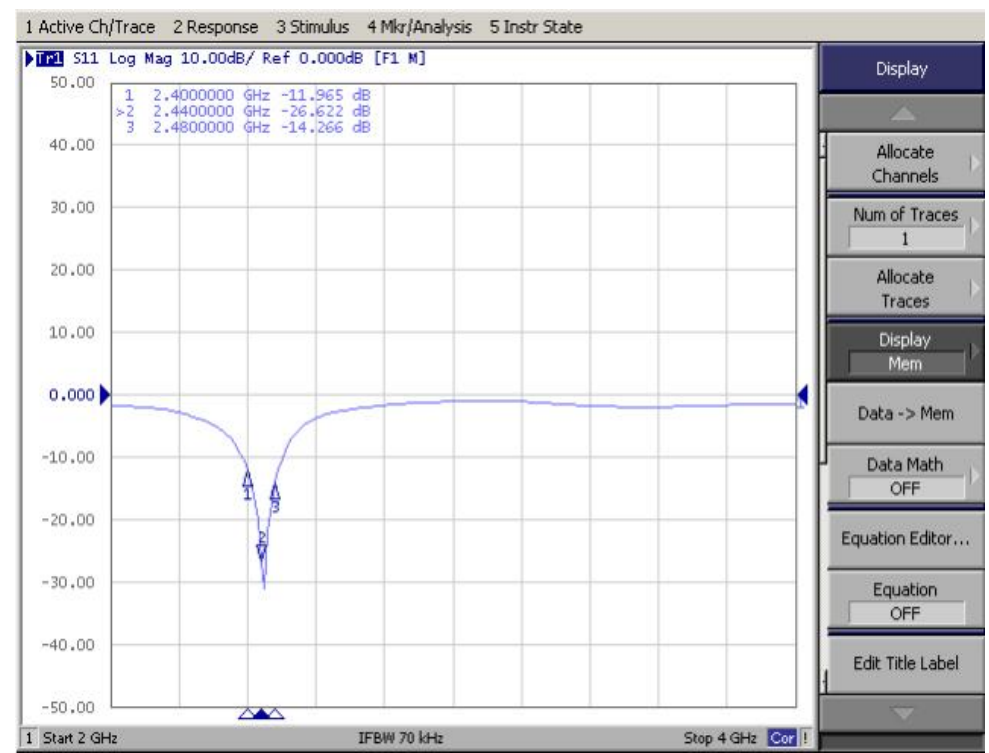




天线驻波比
Antenna SWR



天线回波损耗
Antenna Return loss





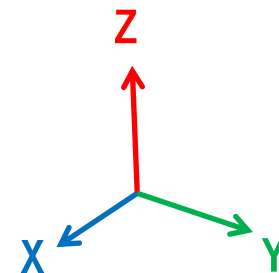
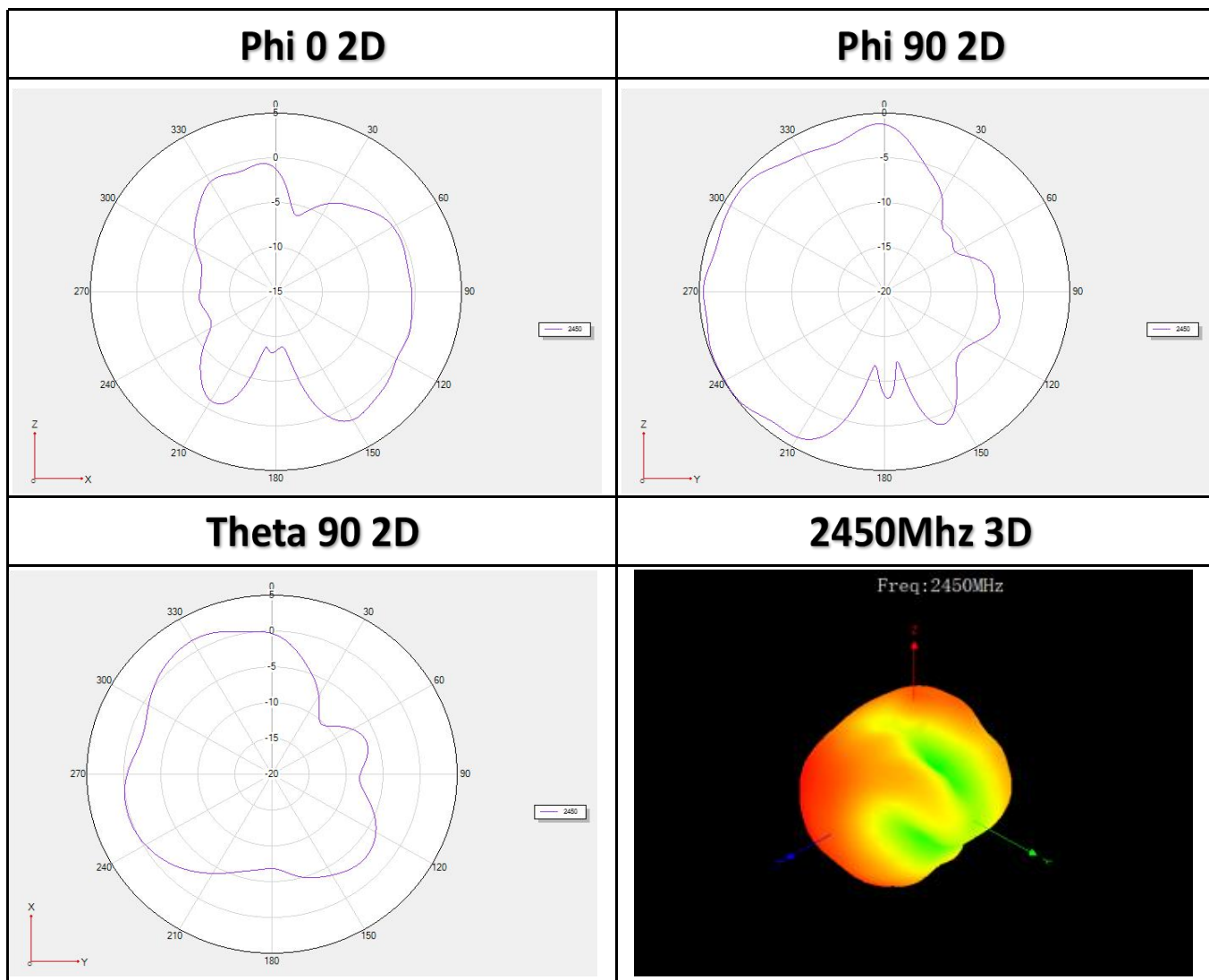
天线增益与效率
Antenna gain and efficiency

Freq(MHz)	Efficiency (%)	Gain(dBi)
2400	44.89	1.21
2410	45.20	1.07
2420	44.70	1.13
2430	46.29	1.67
2440	47.86	1.76
2450	46.02	1.67
2460	46.67	1.81
2470	46.43	1.76
2480	45.13	1.11
2490	44.28	1.12
2500	44.88	1.38



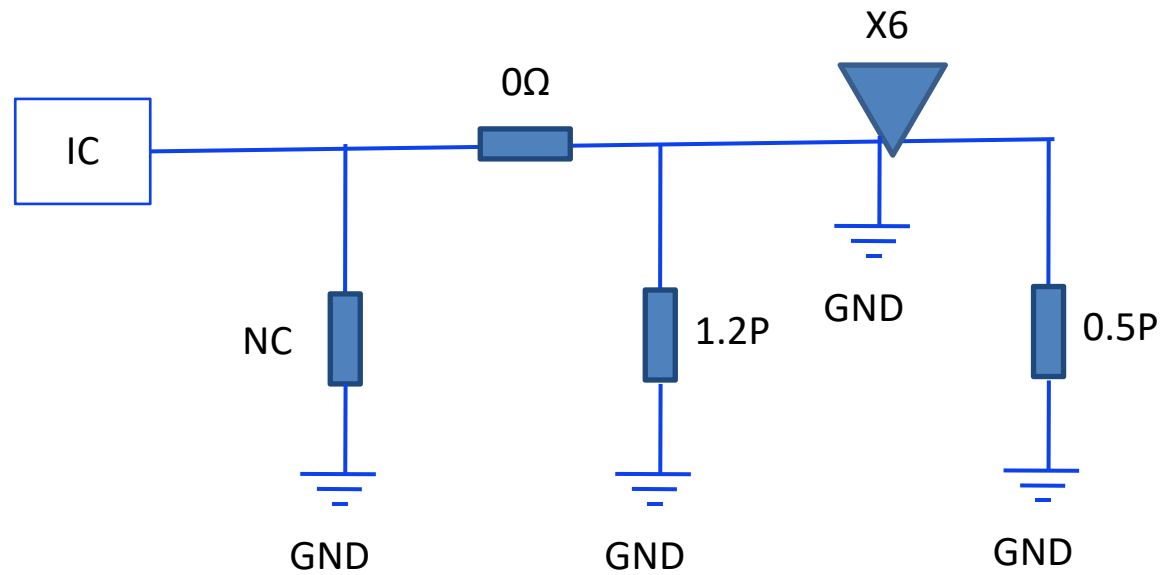
天线辐射方向图

Antenna Radiation Pattern





天线匹配参数



Thanks for your support!
感谢您的支持!

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