

Professional antenna service provider

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 _____

天线型号 _____

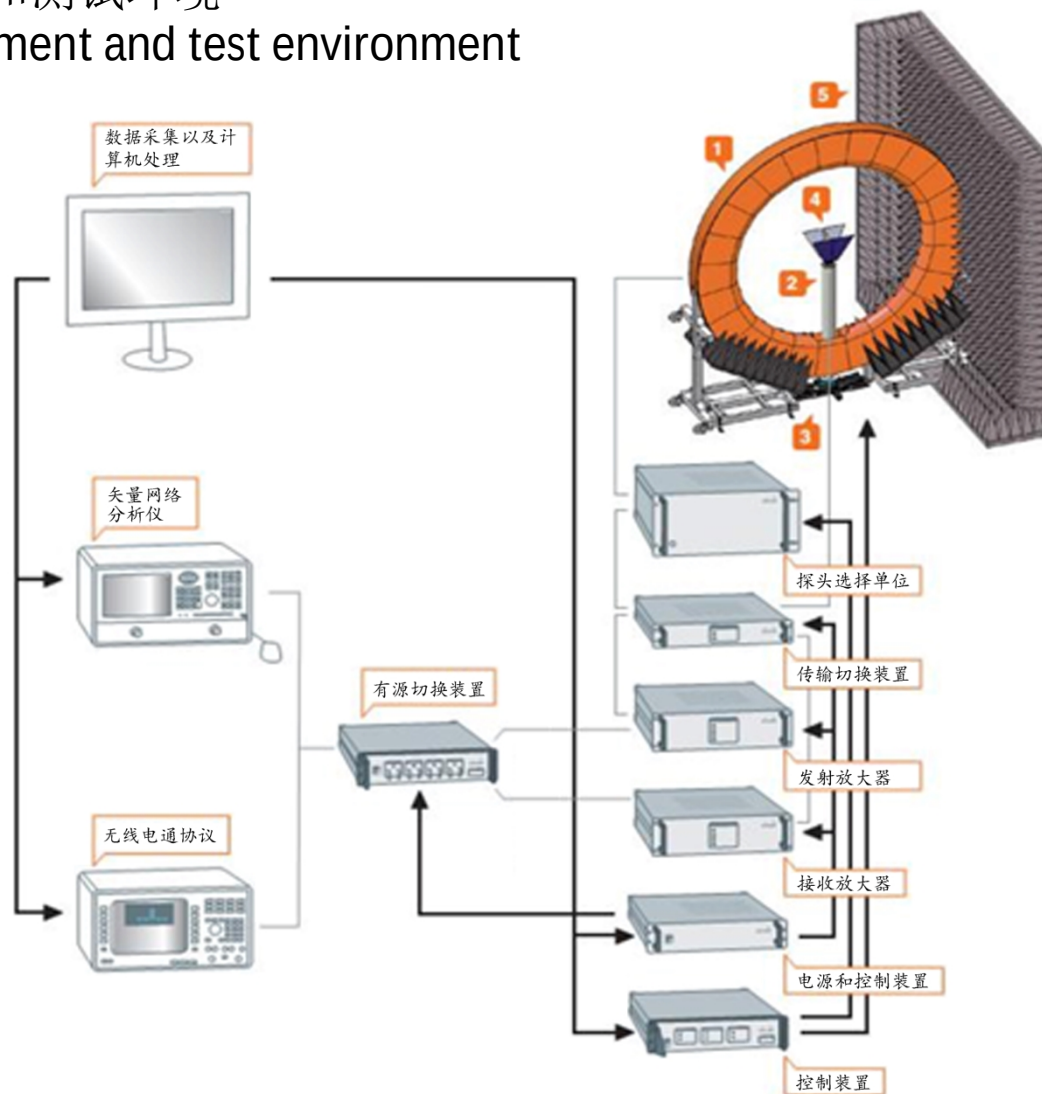
测 试 许高富

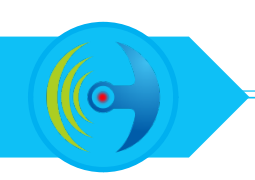
审 核 杨权生

日 期 2024-4-10

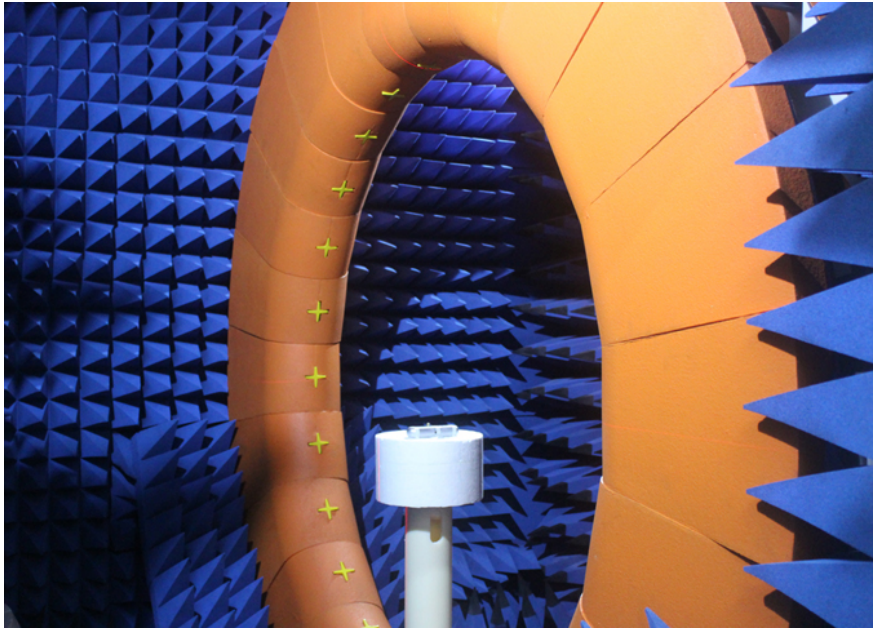


测试设备和测试环境 Test equipment and test environment





测试设备 Test equipment



探头微波暗室

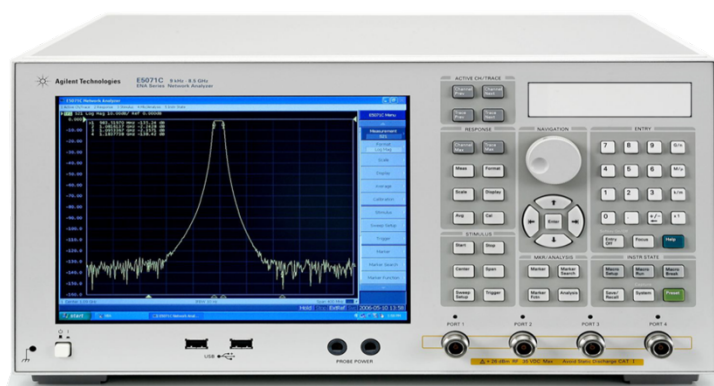
➤ 频率：0.4GHz至6GHz

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

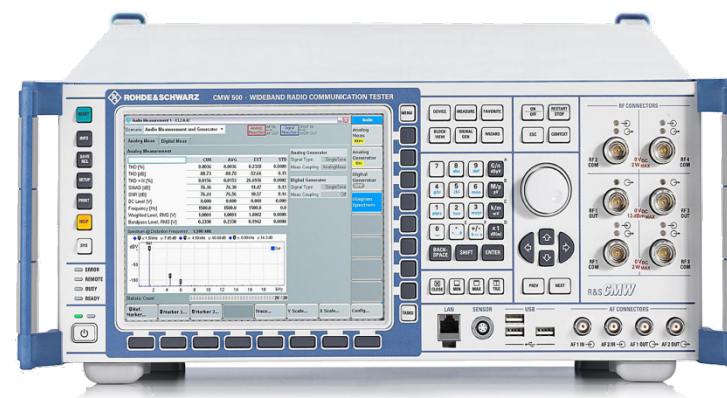


测试设备 Test equipment



Agilent E5071C矢量网络分析仪

- 频率: 300 kHz至8.5GHz

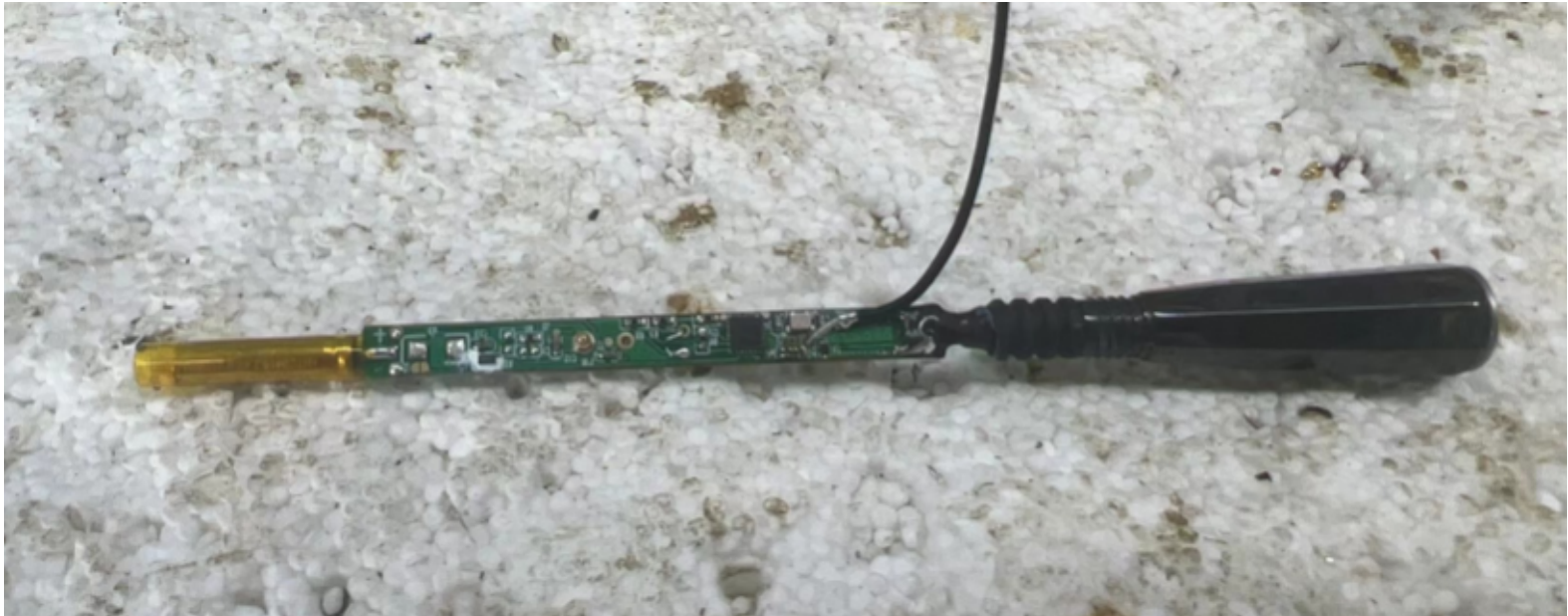


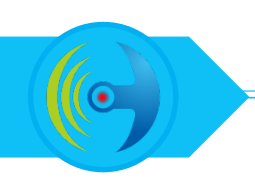
R&S CMW500 宽带无线通信测试仪

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

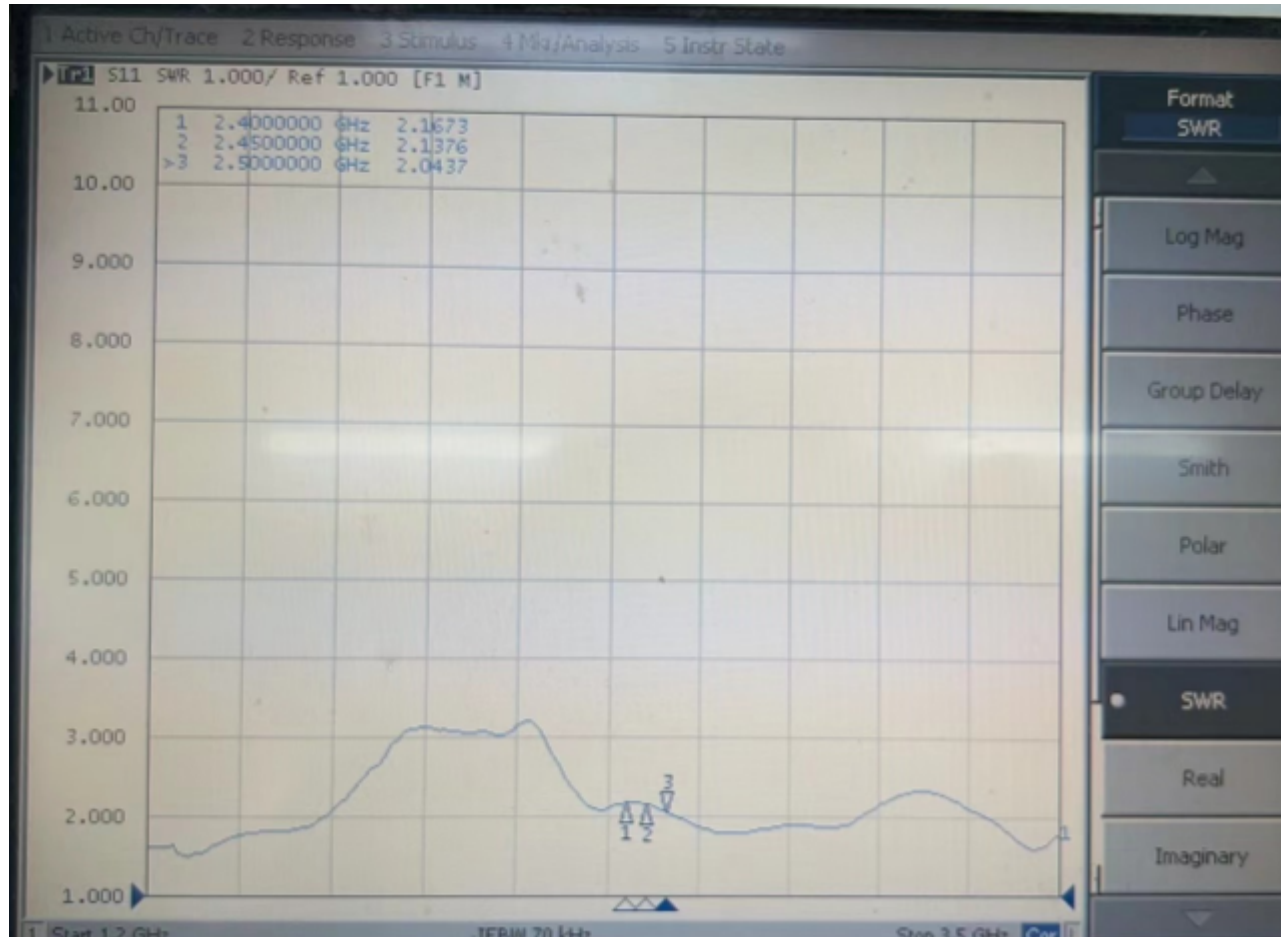


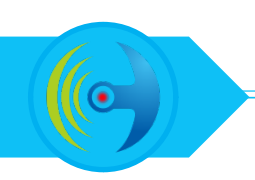
天线安装位置
Passive antenna data





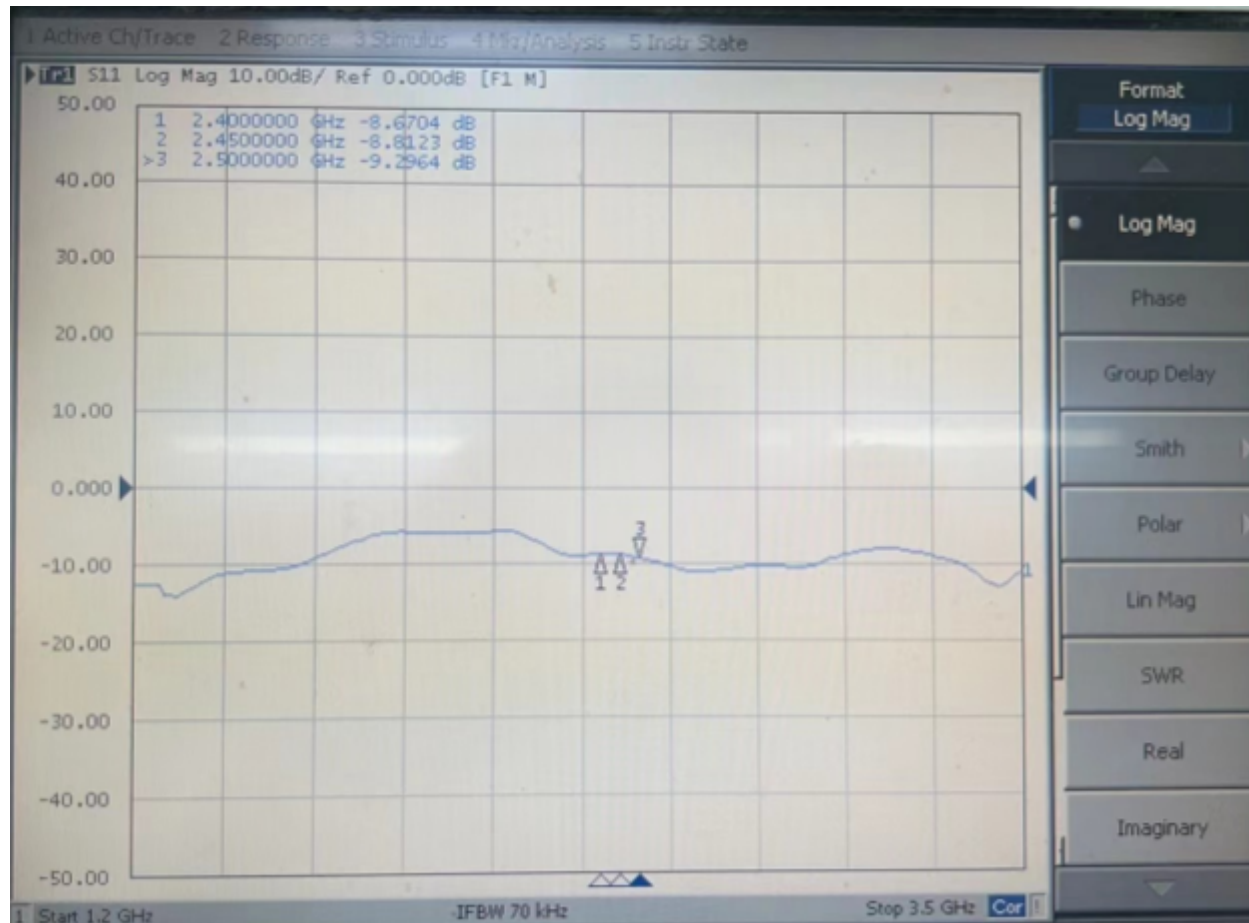
天线驻波比
Antenna SWR





天线回波损耗

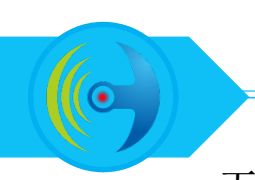
Antenna Return loss



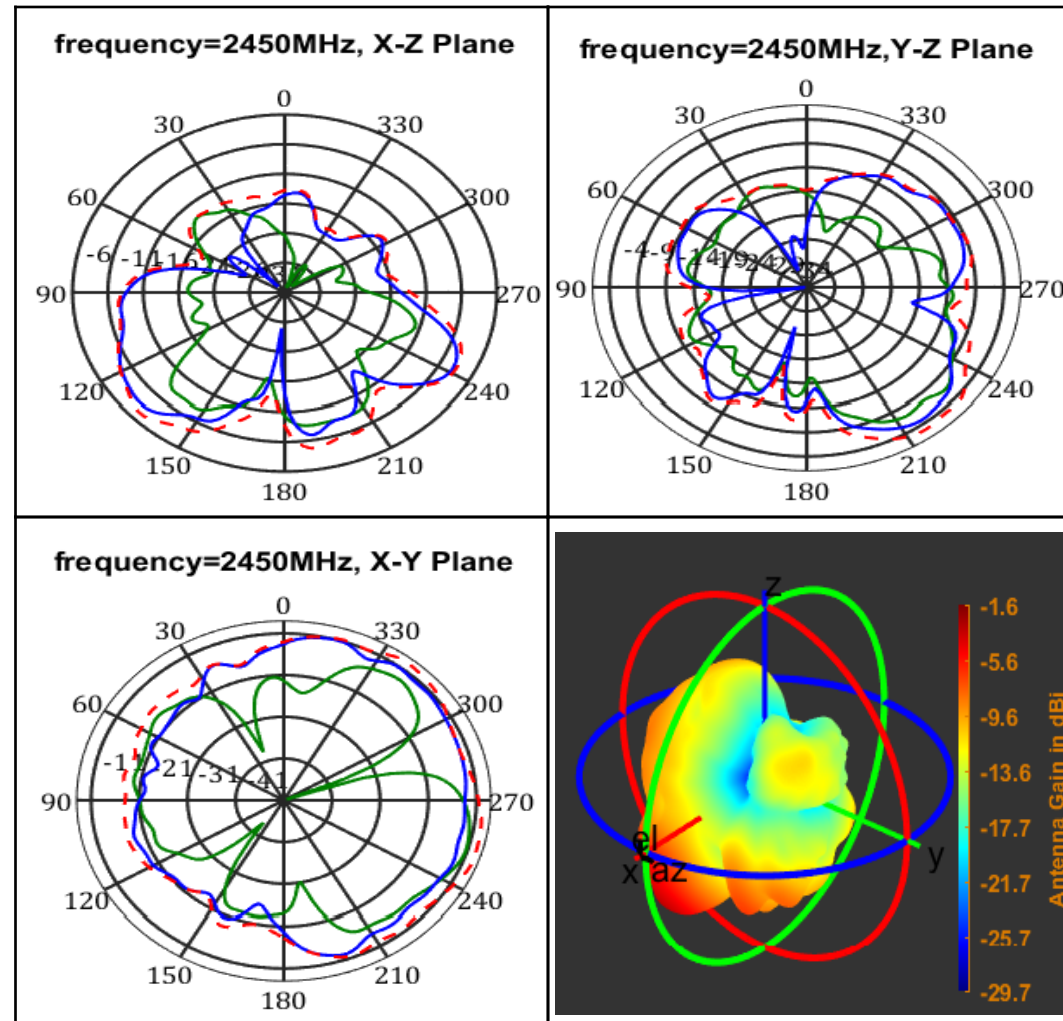
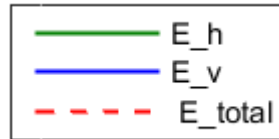


天线增益与效率
Antenna gain and efficiency

天线		
Freq(MHz)	Efficiency (%)	Gian(dBi)
2400	16.78	-1.89
2410	17.05	-1.96
2420	17.32	-1.57
2430	17.41	-1.41
2440	17.55	-1.53
2450	17.21	-1.61
2460	16.75	-1.71
2470	15.85	-2.19
2480	15.19	-2.67
2490	14.68	-2.90
2500	14.31	-2.85



天线辐射方向图 Antenna Radiation Pattern



Thanks for your support!
感谢您的支持！

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