FEIMIN
飞敏科技

专业天线服务商

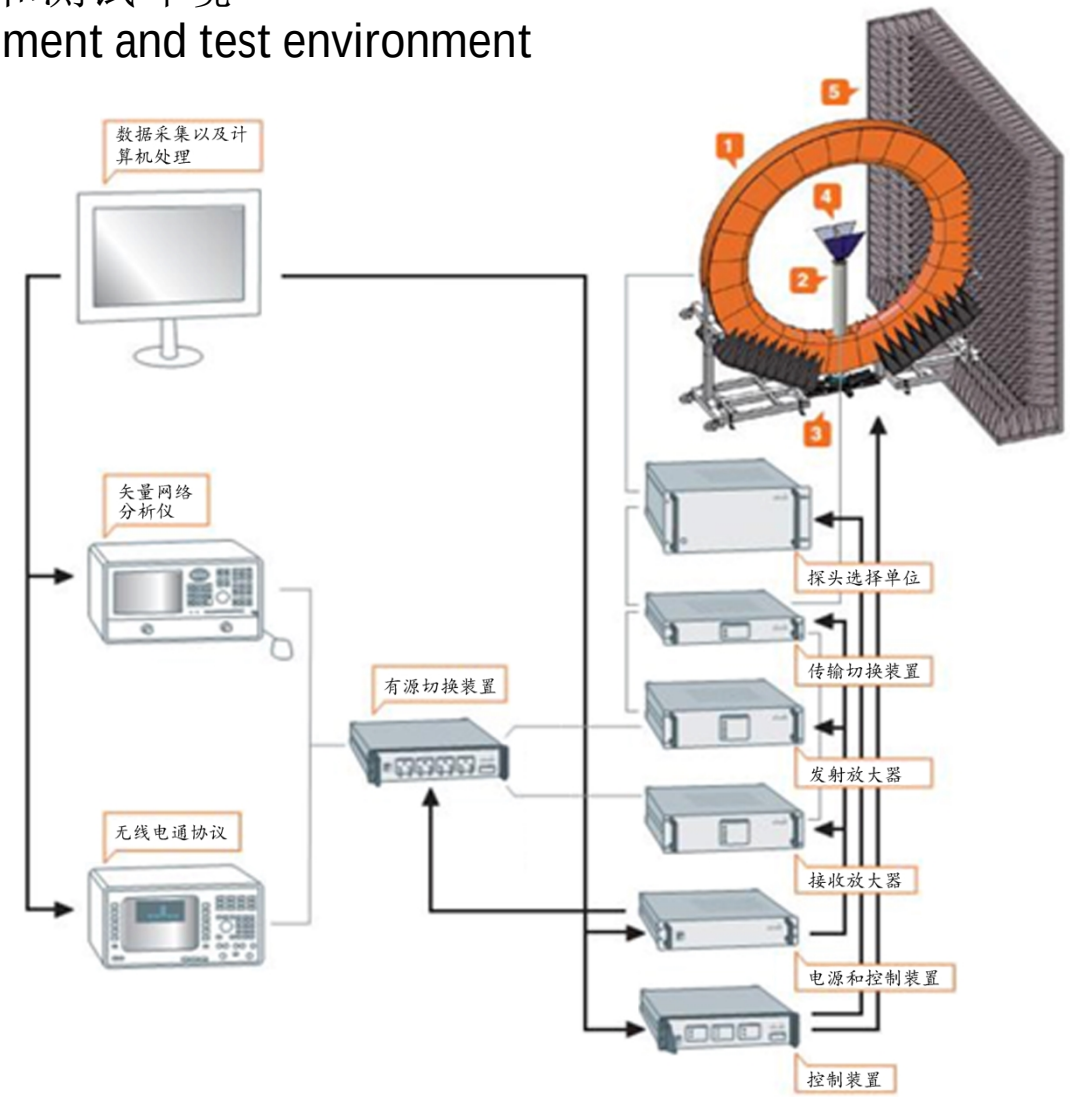
深圳市飞敏科技有限公司
SHENZHEN FEIMIN TECHNOLOGY CO.,LTD.

天线测试报告

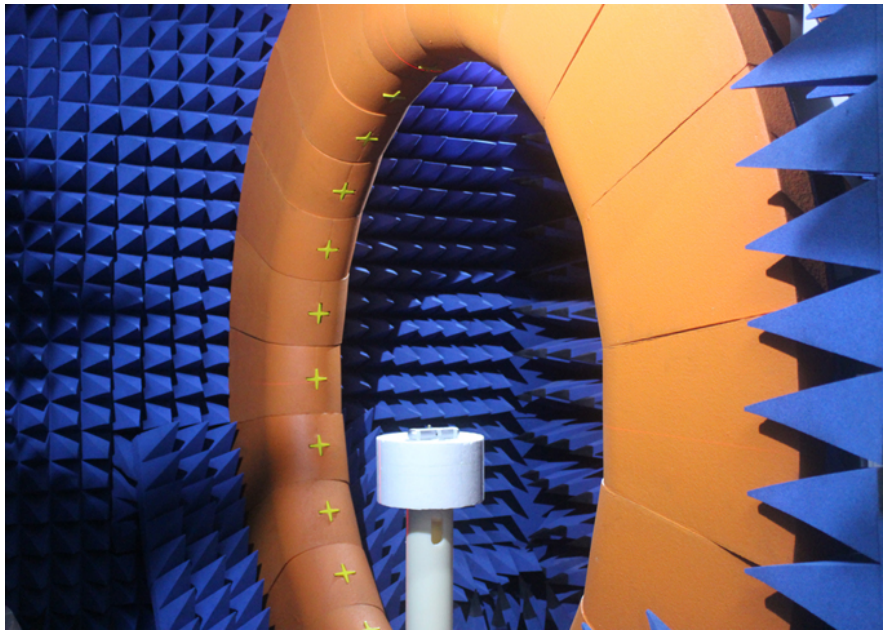
Antenna test report

项目型号	XK-24
天线型号	
测　　试	许高富
审　　核	陈泽雄

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

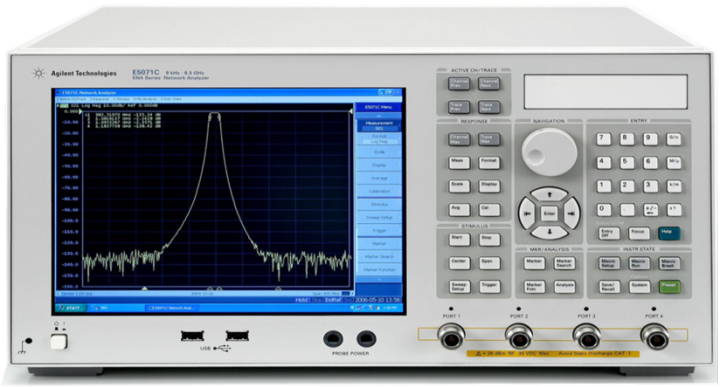
➢ 频率：0.4GHz至6GHz

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

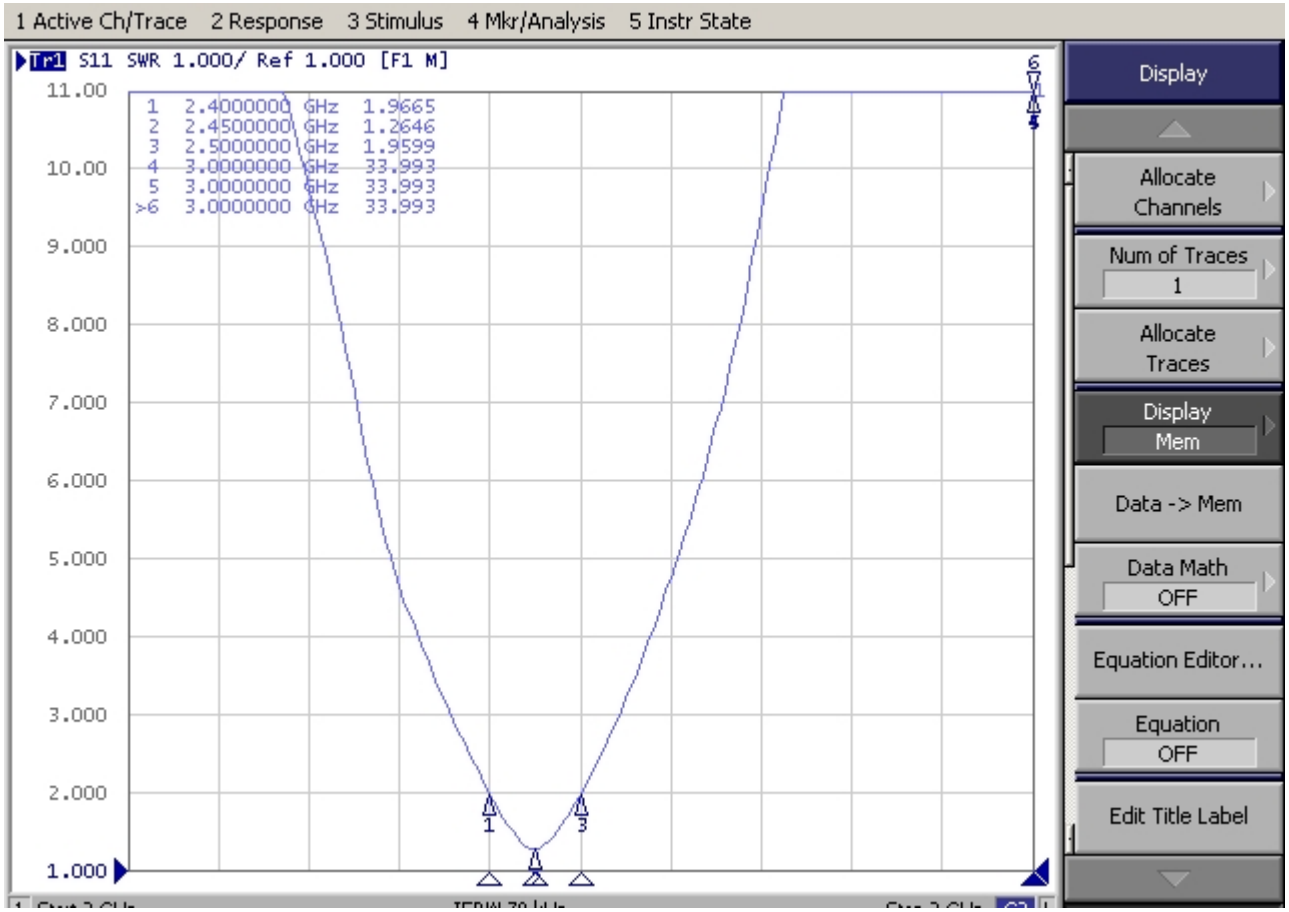
- GSM/3G/4G
- WIFI/ Bluetooth
- NB-IoT

天线安装位置

Passive antenna data

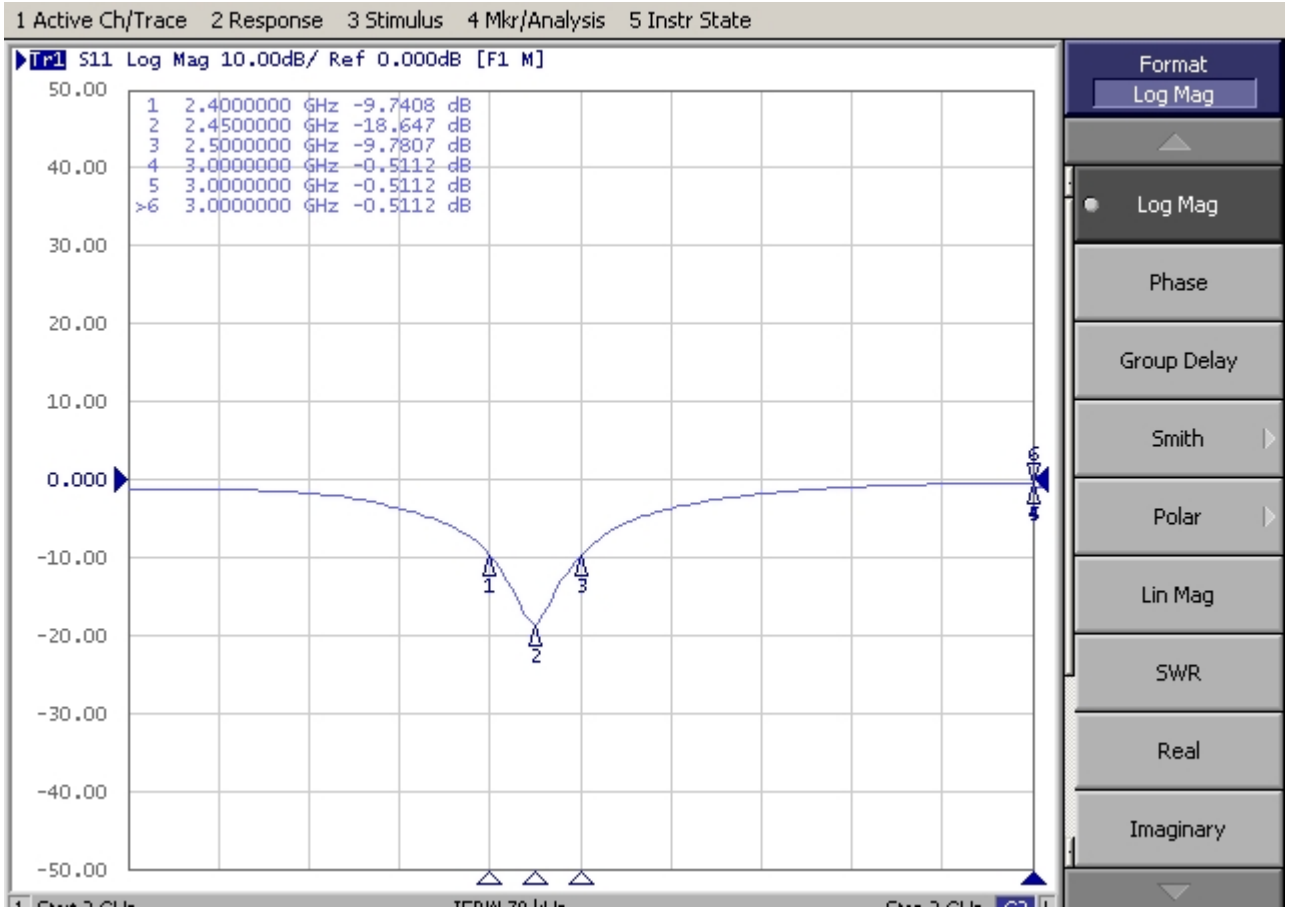
天线驻波比

Antenna SWR



天线回波损耗

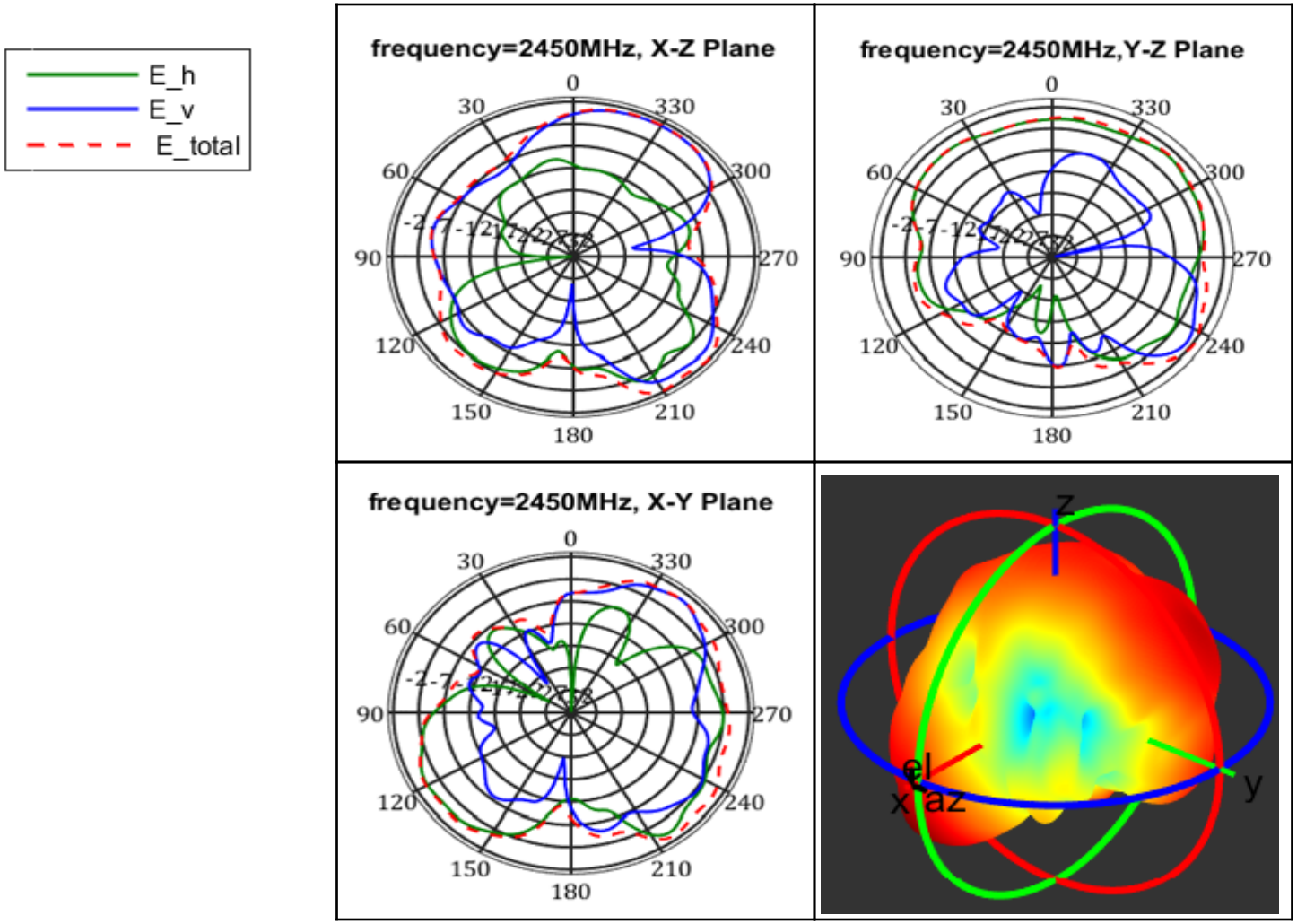
Antenna Return loss



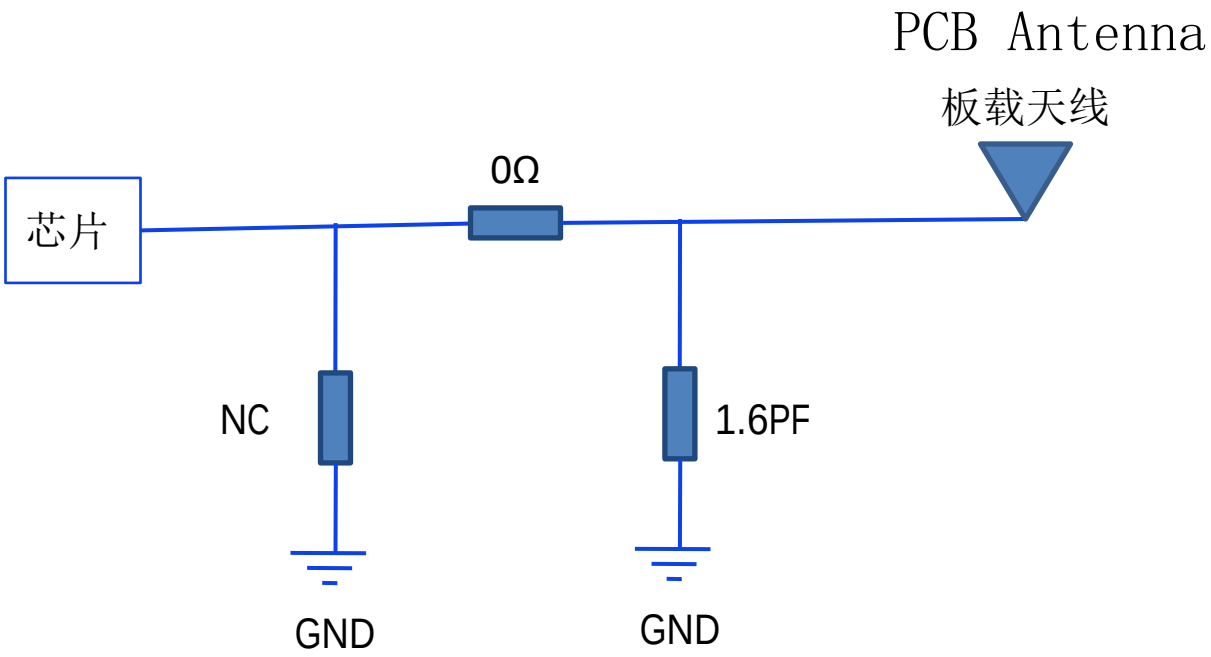
天线增益与效率
Antenna gain and efficiency

天线		
Freq(MHz)	Efficiency (%)	Gian(dBi)
2400	26.26	0.34
2410	27.16	0.39
2420	27.77	0.45
2430	28.68	0.43
2440	29.39	0.61
2450	31.23	1.14
2460	30.74	0.94
2470	29.55	0.64
2480	29.21	1.14
2490	28.30	1.15
2500	27.88	0.70

天线辐射方向图
Antenna Radiation Pattern



天线匹配参数



Antenna Layout & module on the system board

Thanks for your support!
感谢您的支持！

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