

专业天线服务商

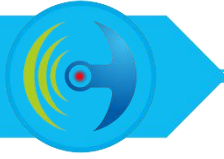
深圳市飞敏科技有限公司
SHENZHEN FEIMIN TECHNOLOGY CO.,LTD.



天线测试报告

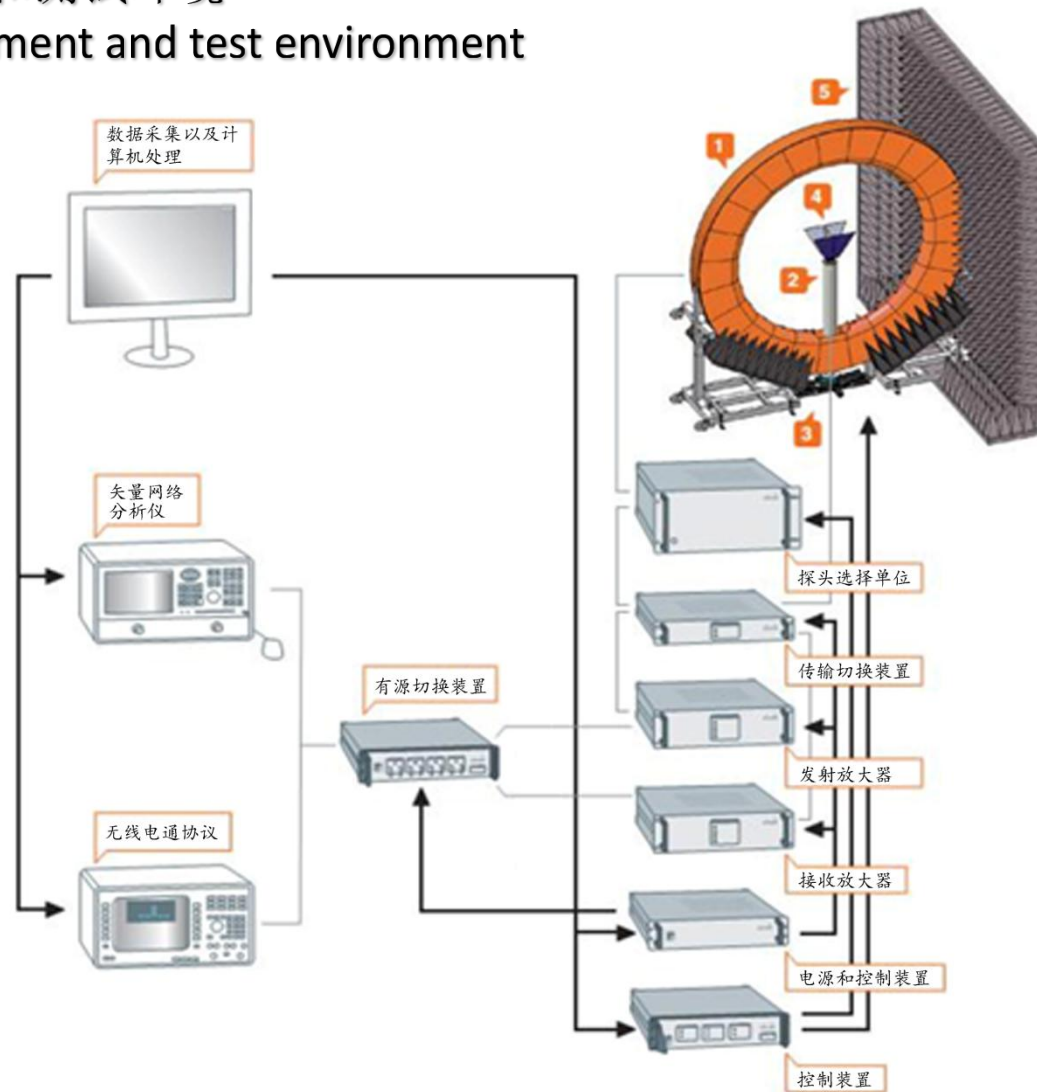
Antenna test report

项目型号	Q18
天线型号	
测 试	徐高富
审 核	杨权生
日 期	2023-10-31



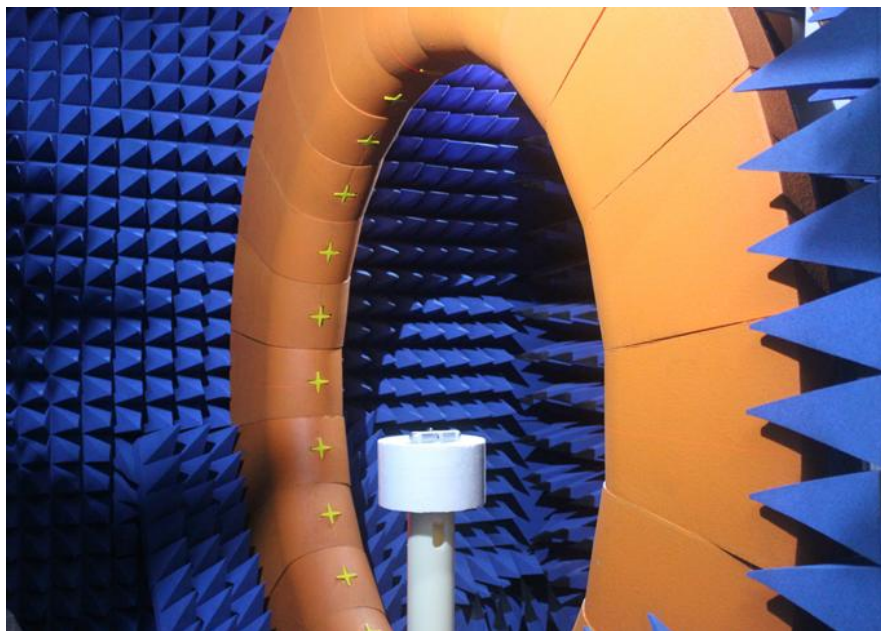
测试设备和测试环境

Test equipment and test environment





测试设备 Test equipment



探头微波暗室

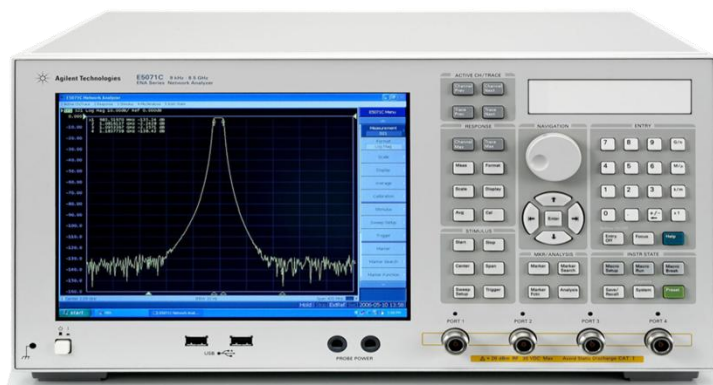
➤ 频率：0.4GHz至6GHz

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

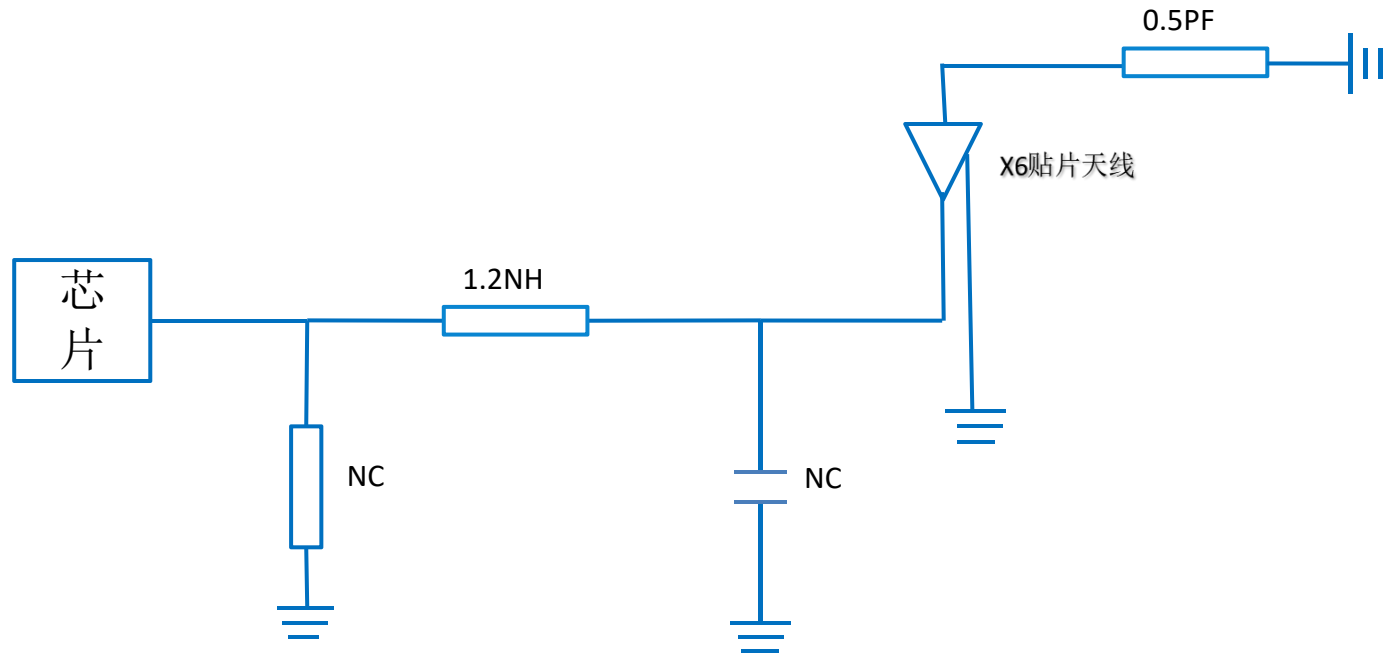


R&S CMW500 宽带无线通信测试仪

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

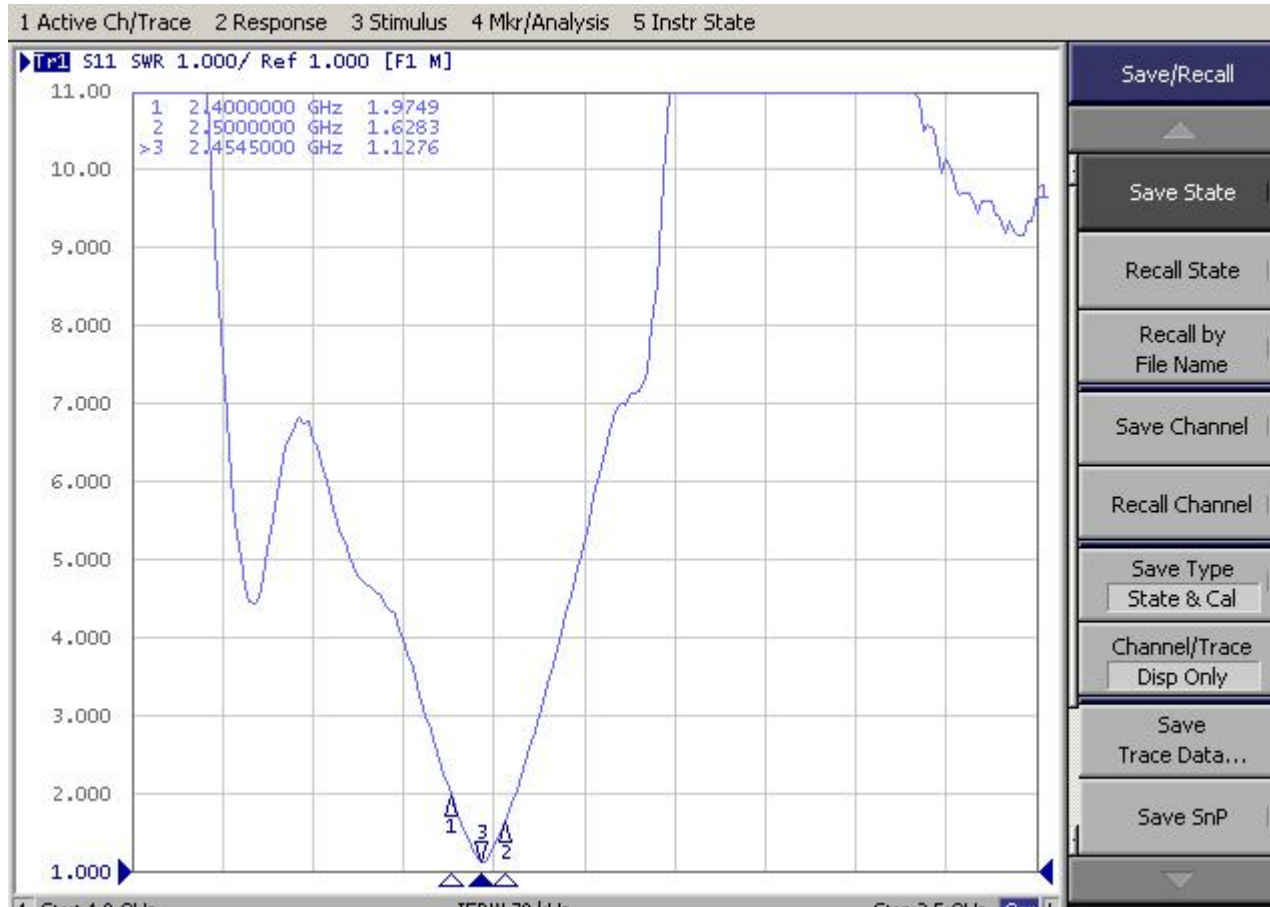


2.4G贴片天线匹配





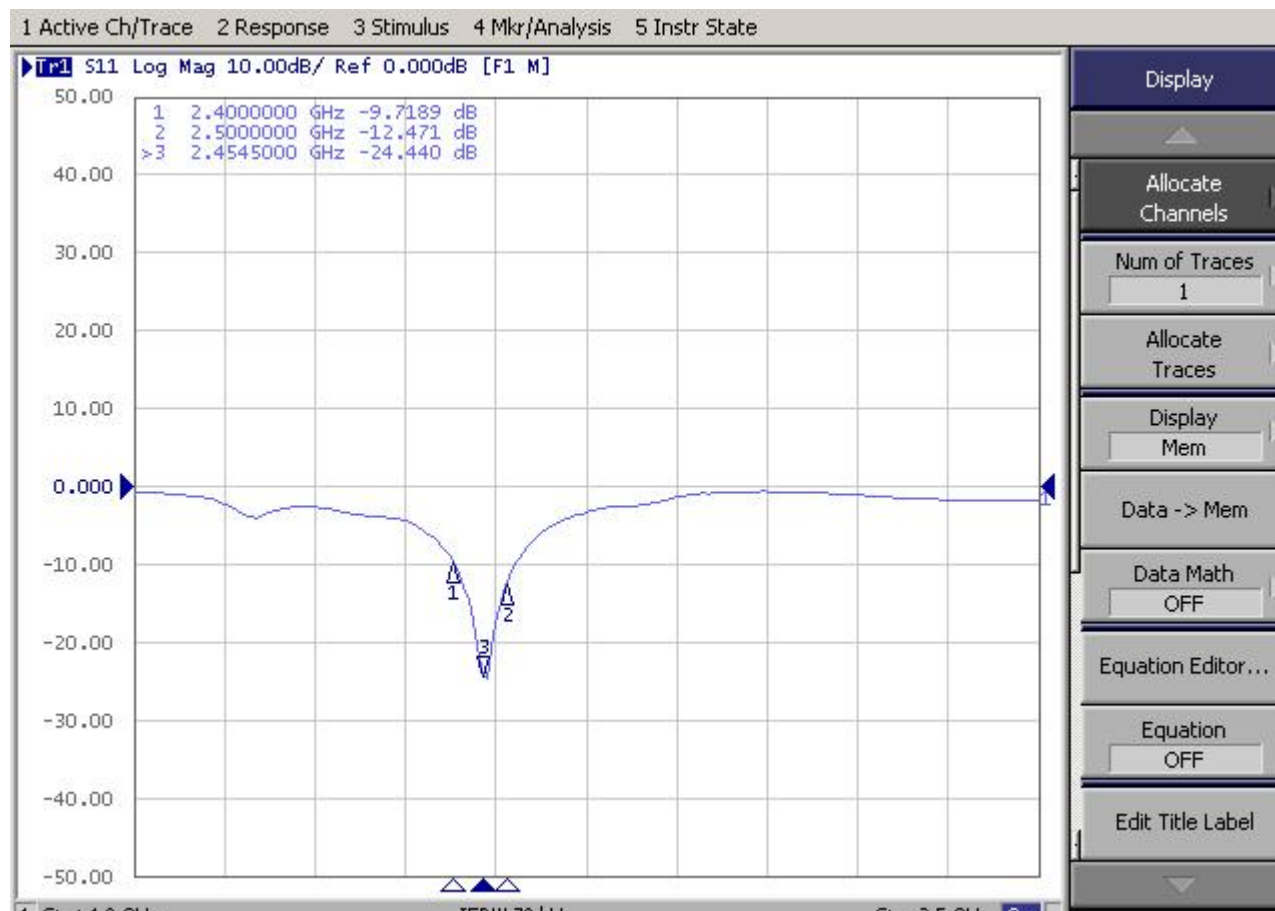
天线驻波比 Antenna SWR

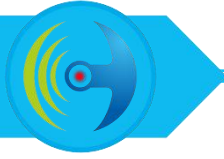




天线回波损耗

Antenna Return loss





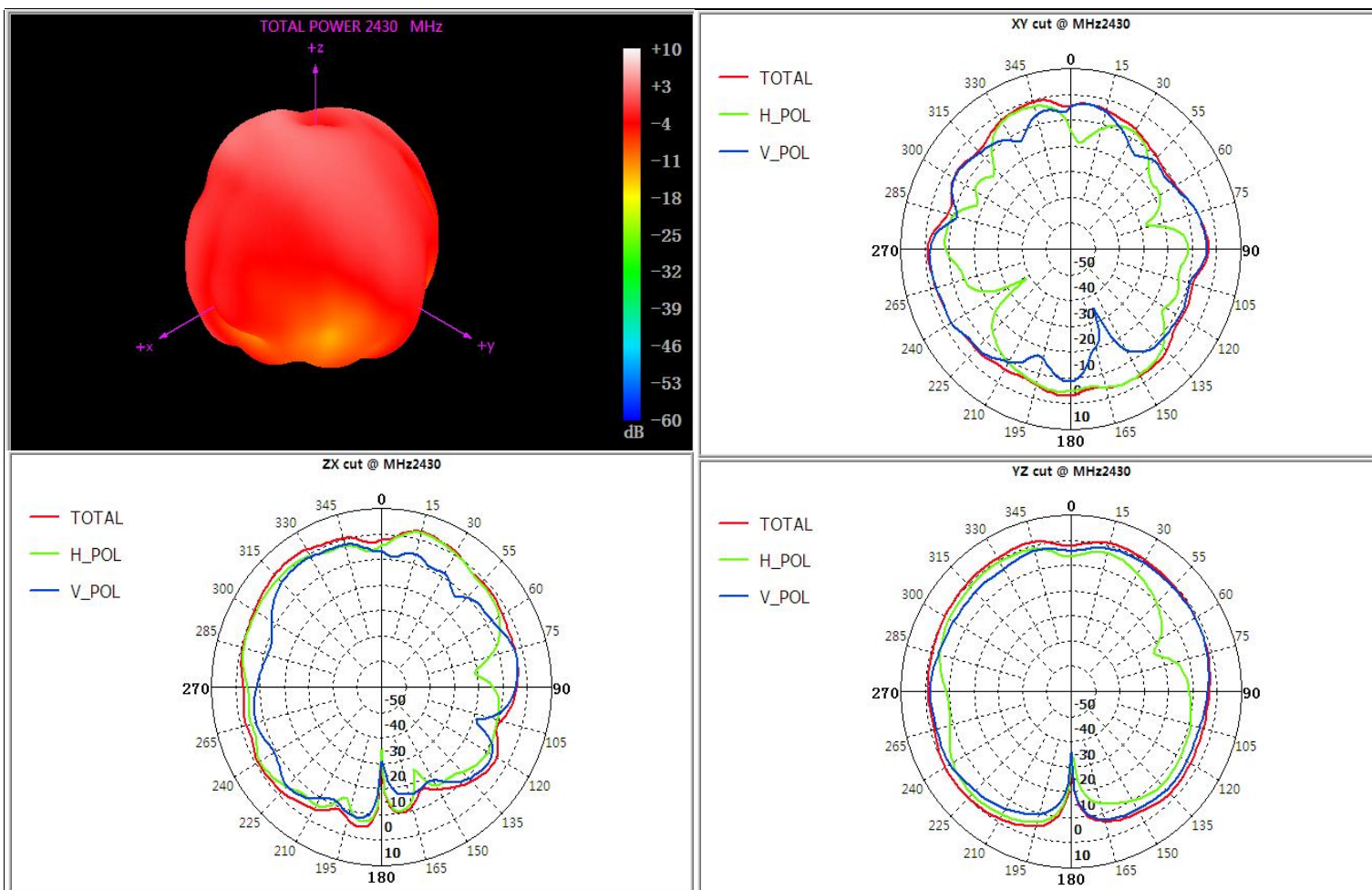
天线增益与效率

Antenna gain and efficiency

天线		
Freq(MHz)	Efficiency (%)	Gian(dBi)
2400	32.66	1.34
2410	33.45	1.88
2420	33.82	1.69
2430	34.63	2.46
2440	36.15	2.13
2450	34.94	2.09
2460	33.28	1.98
2470	32.71	1.93
2480	32.22	1.84
2490	30.78	1.97
2500	30.22	2.02



天线辐射方向图 Antenna Radiation Pattern



Thanks for your support!
感谢您的支持!

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