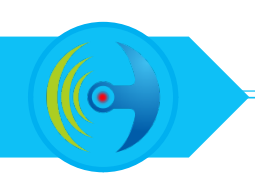


专业天线服务商

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 VF12Z

天线型号

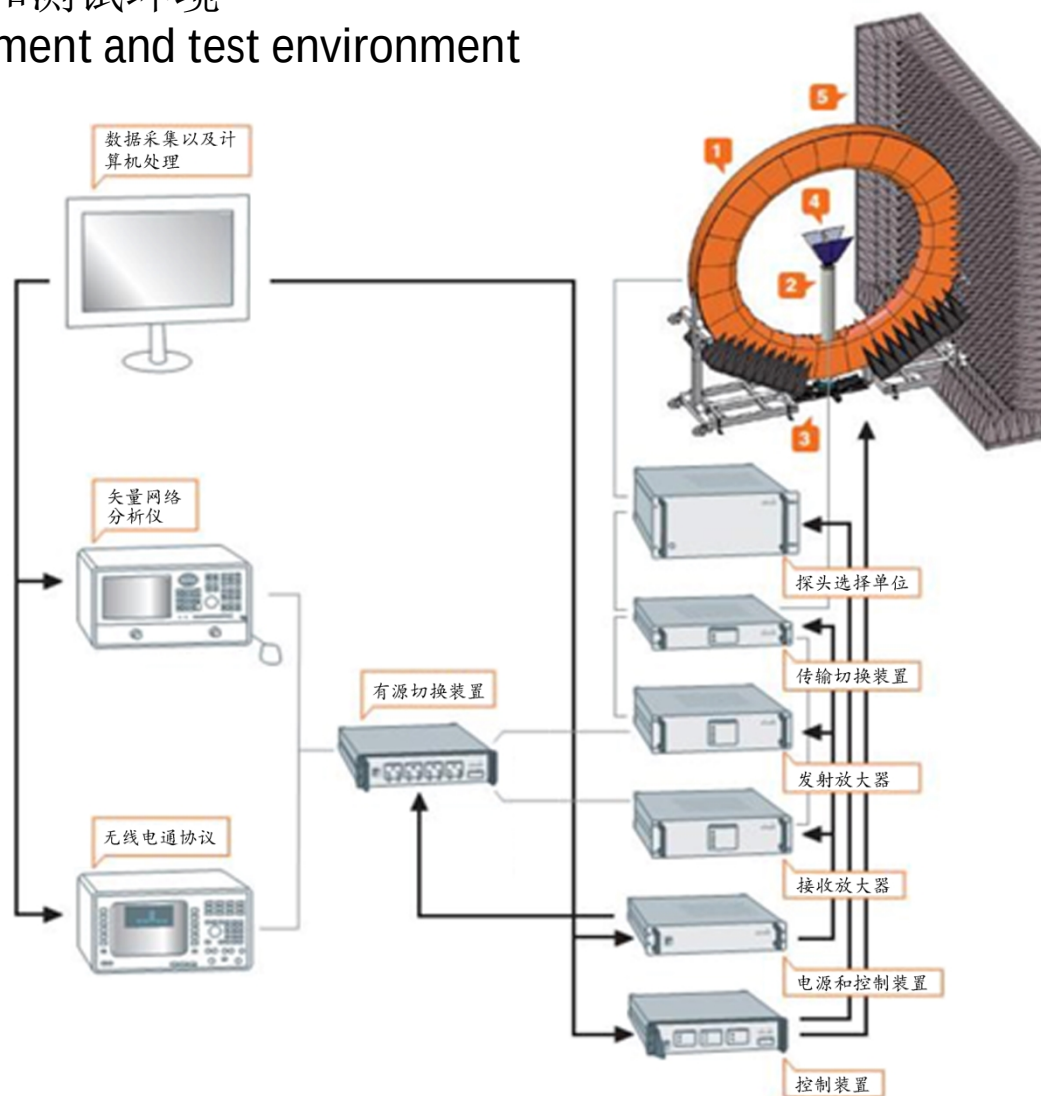
测 试 许高富

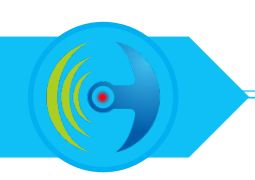
审 核 杨权生

日 期 2025-4-29

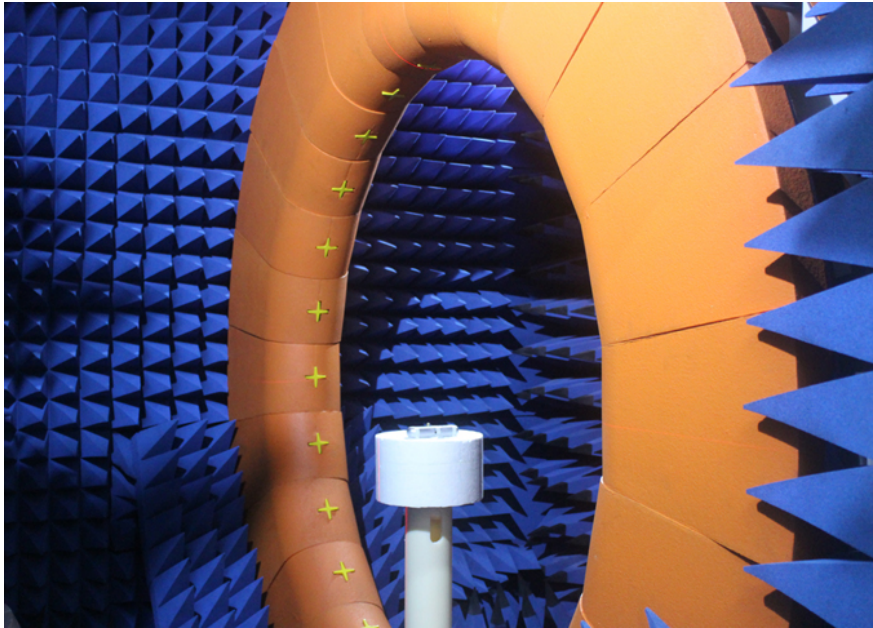


测试设备和测试环境 Test equipment and test environment





测试设备 Test equipment



探头微波暗室

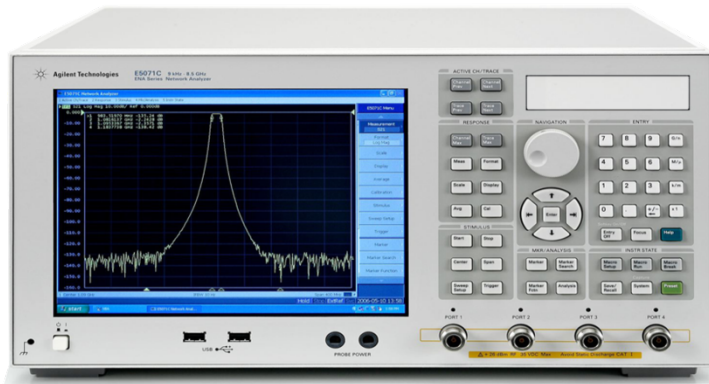
➤ 频率：0.4GHz至6GHz

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

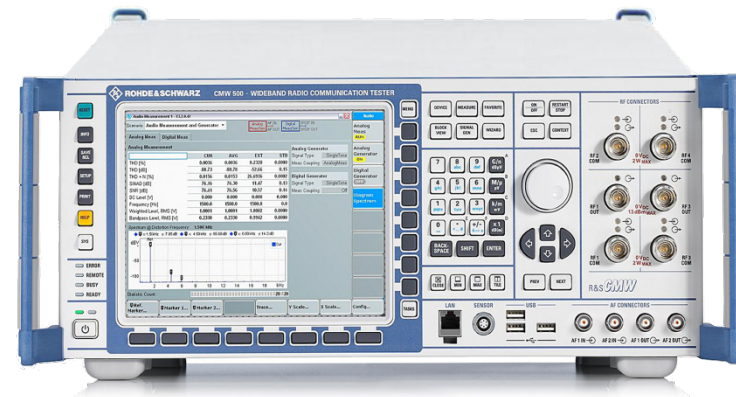


测试设备 Test equipment



Agilent E5071C矢量网络分析仪

- 频率：300 kHz至8.5GHz

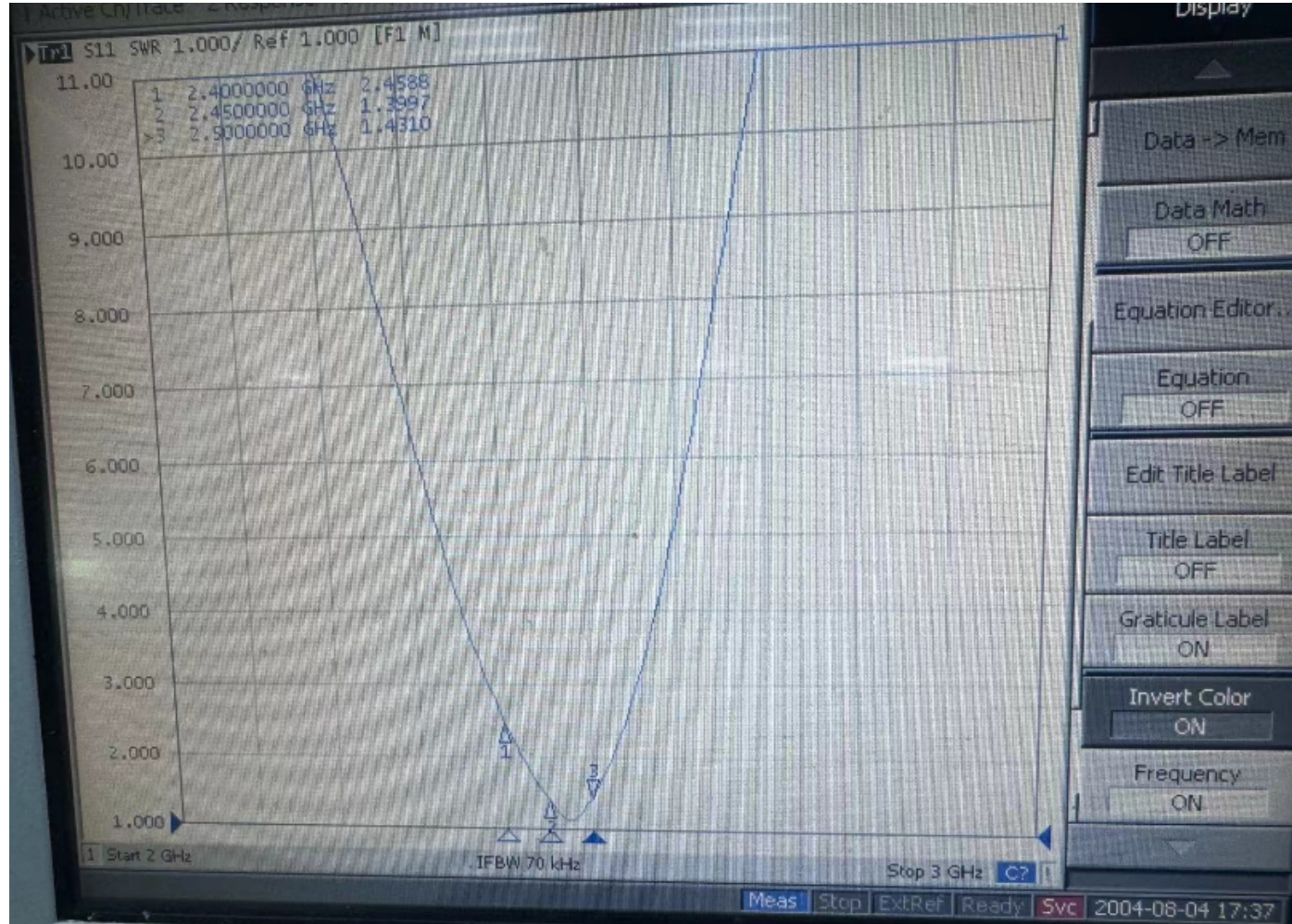


R&S CMW500 宽带无线通信测试仪

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

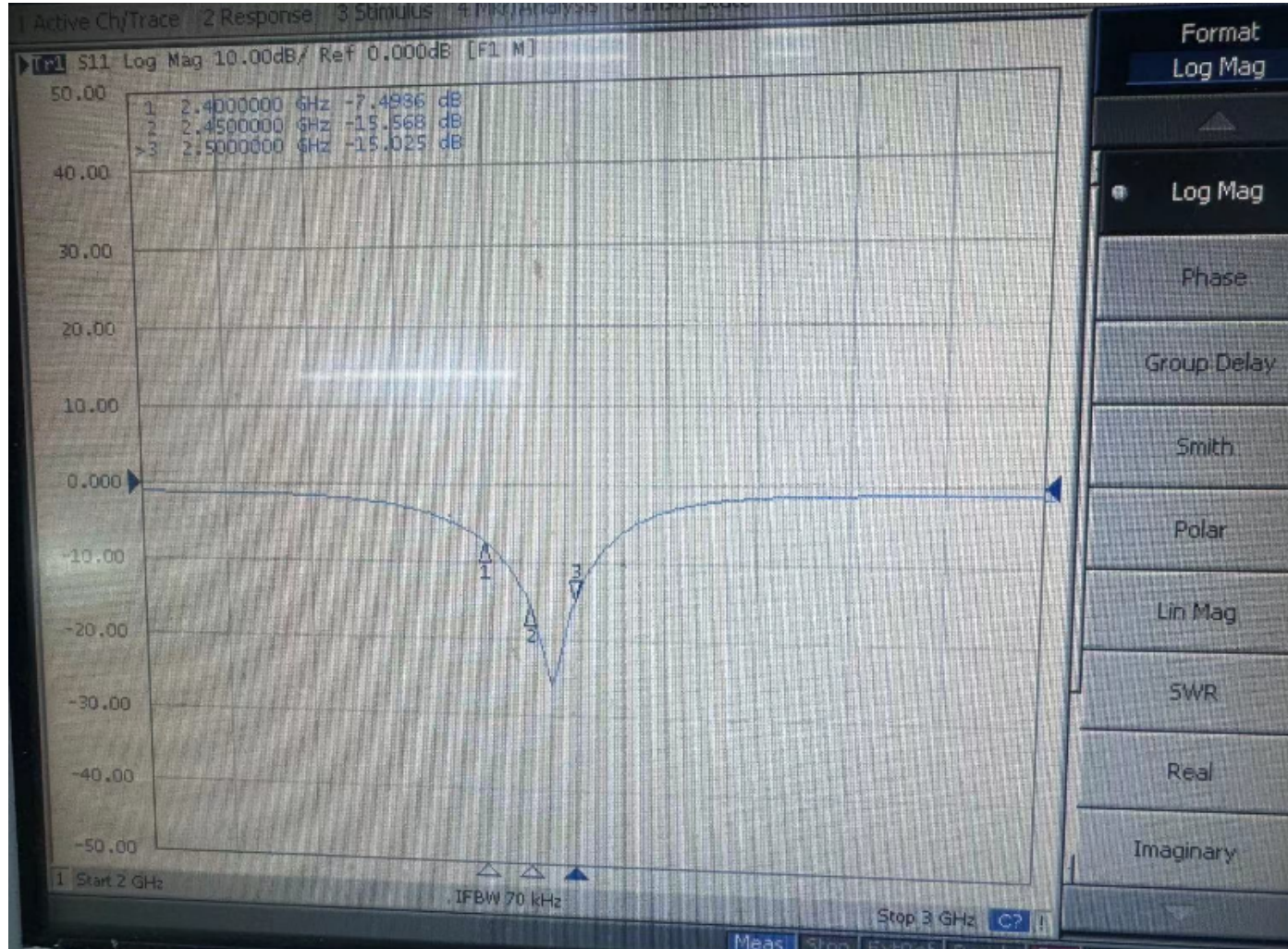


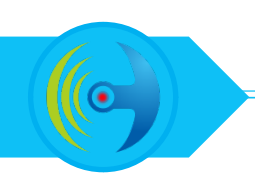
天线驻波比 Antenna SWR





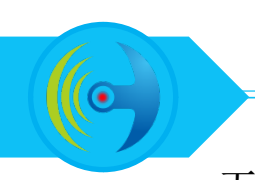
天线回波损耗 Antenna Return loss



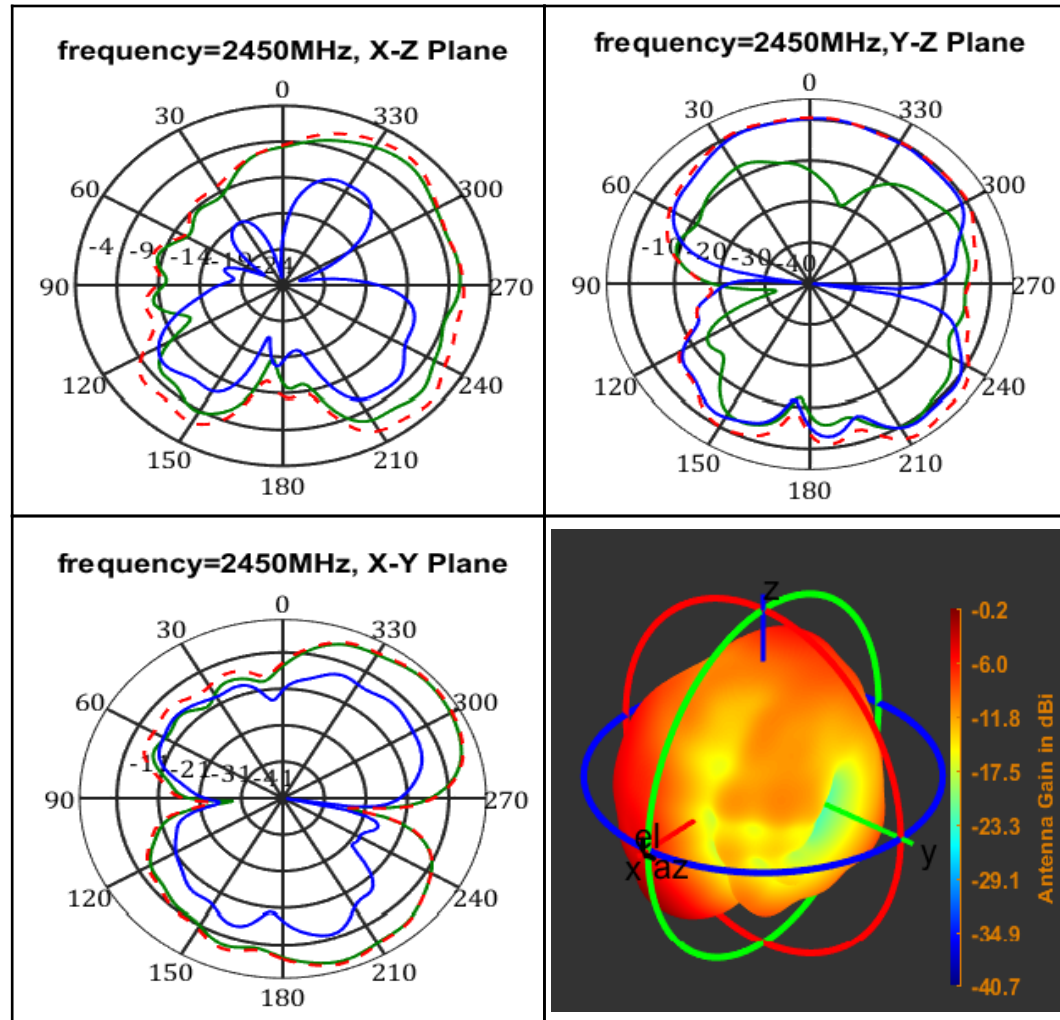
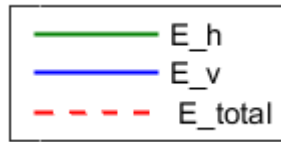


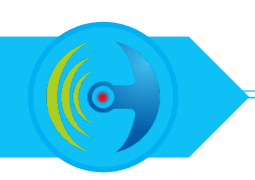
天线增益与效率
Antenna gain and efficiency

天线		
Freq(MHz)	Efficiency (%)	Gain(dBi)
2400 MHz	22.90	-0.25
2410 MHz	24.17	-0.15
2420 MHz	25.51	-0.07
2430 MHz	26.13	0.18
2440 MHz	27.09	0.07
2450 MHz	26.93	-0.16
2460 MHz	26.77	0.12
2470 MHz	26.26	0.20
2480 MHz	25.92	-0.12
2490 MHz	24.94	-0.20
2500 MHz	23.94	-0.33

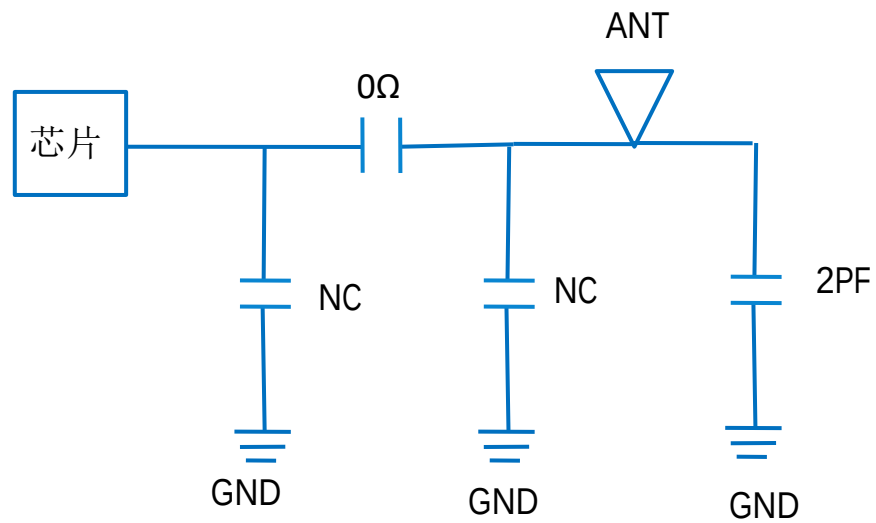


天线辐射方向图 Antenna Radiation Pattern





天线匹配



Thanks for your support!
感谢您的支持！

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