

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

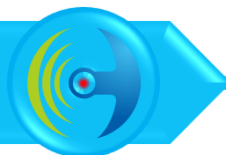
项目型号 MONDO

天线型号

测 试 许高富

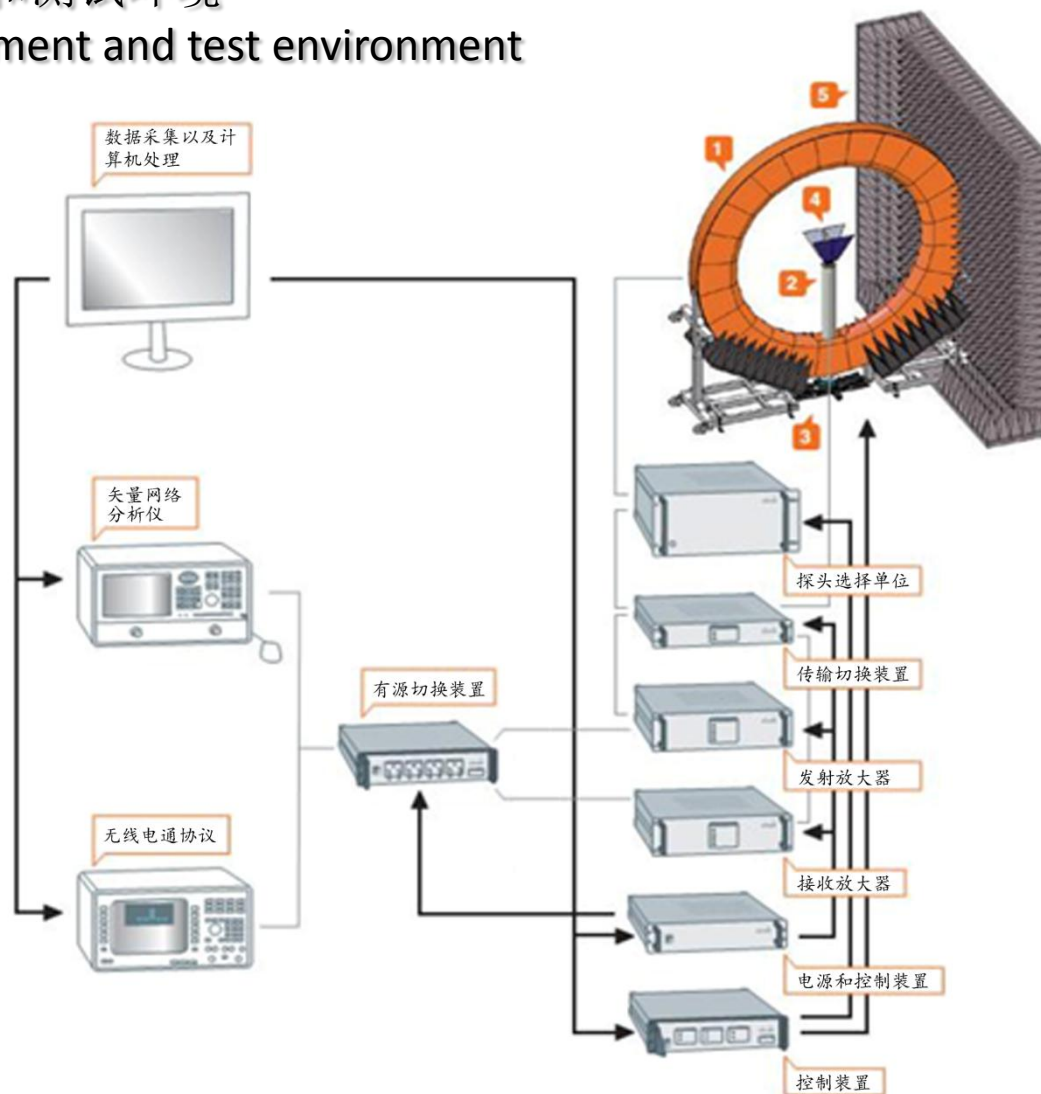
审 核 范敏

日 期 2023-8-18



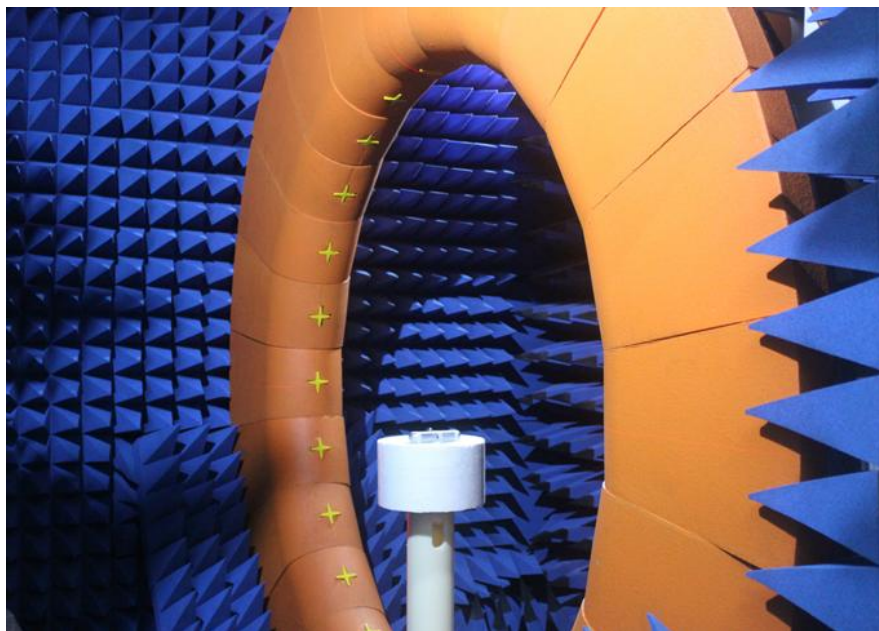
测试设备和测试环境

Test equipment and test environment





测试设备 Test equipment

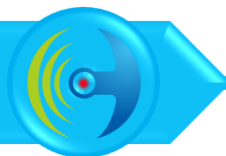


探头微波暗室

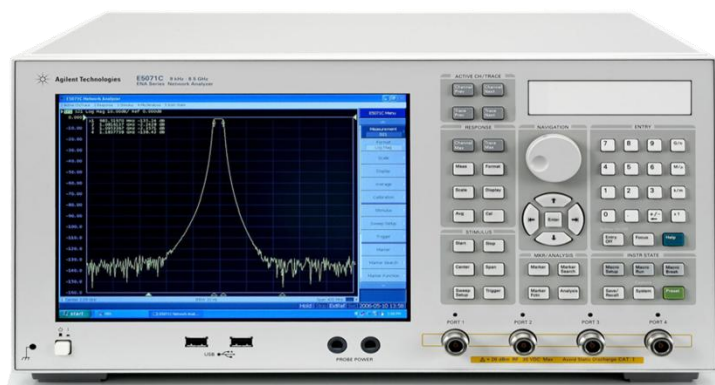
➤ 频率：0.4GHz至6GHz

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



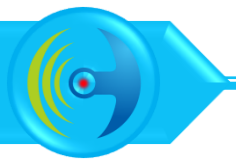
Agilent E5071C矢量网络分析仪

- 频率：300 kHz至8.5GHz

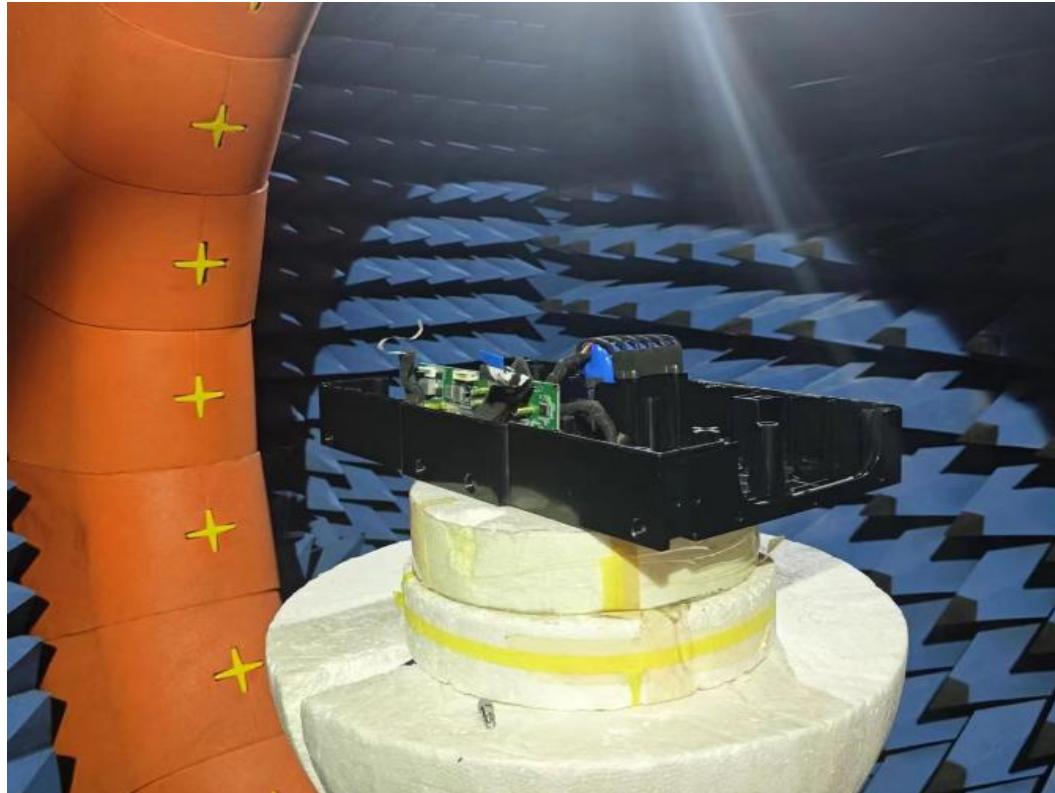


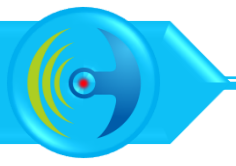
R&S CMW500 宽带无线通信测试仪

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



测试拍照
Test photos





天线照片

Passive antenna photos

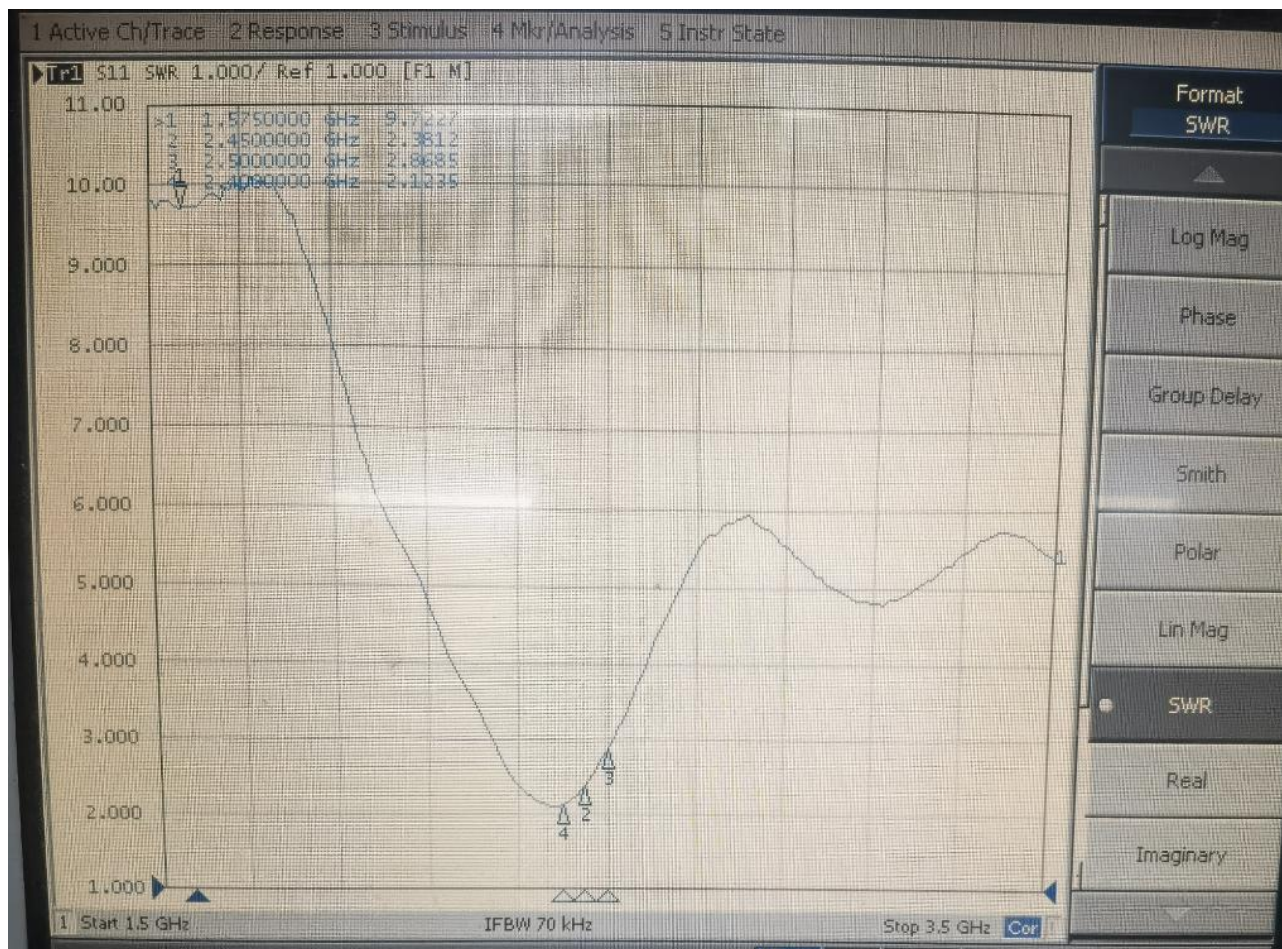
FPC天线





天线驻波比 Antenna SWR

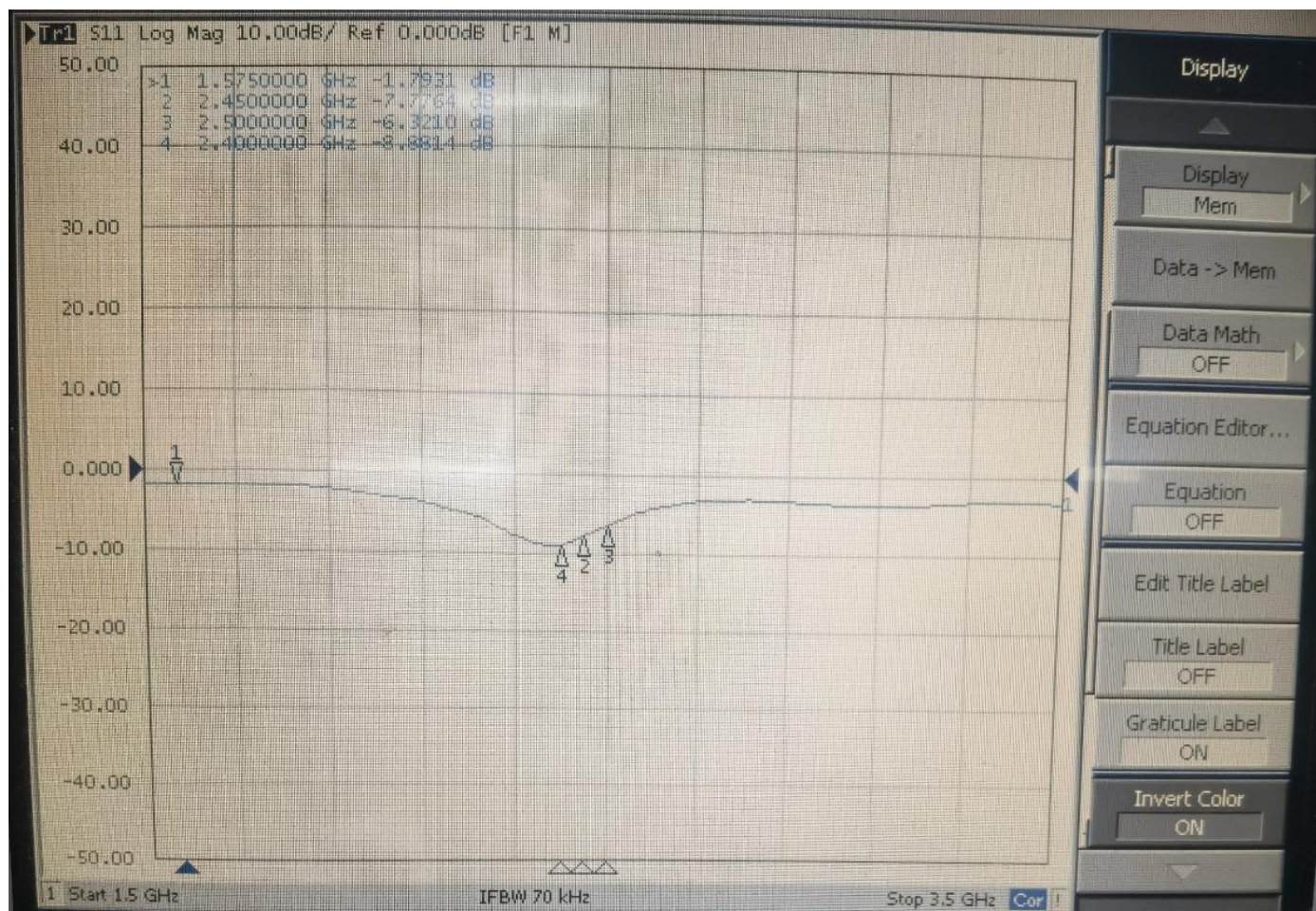
FPC天线





天线回波损耗 Antenna Return loss

FPC天线

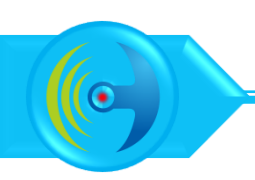




天线增益与效率
Antenna gain and efficiency

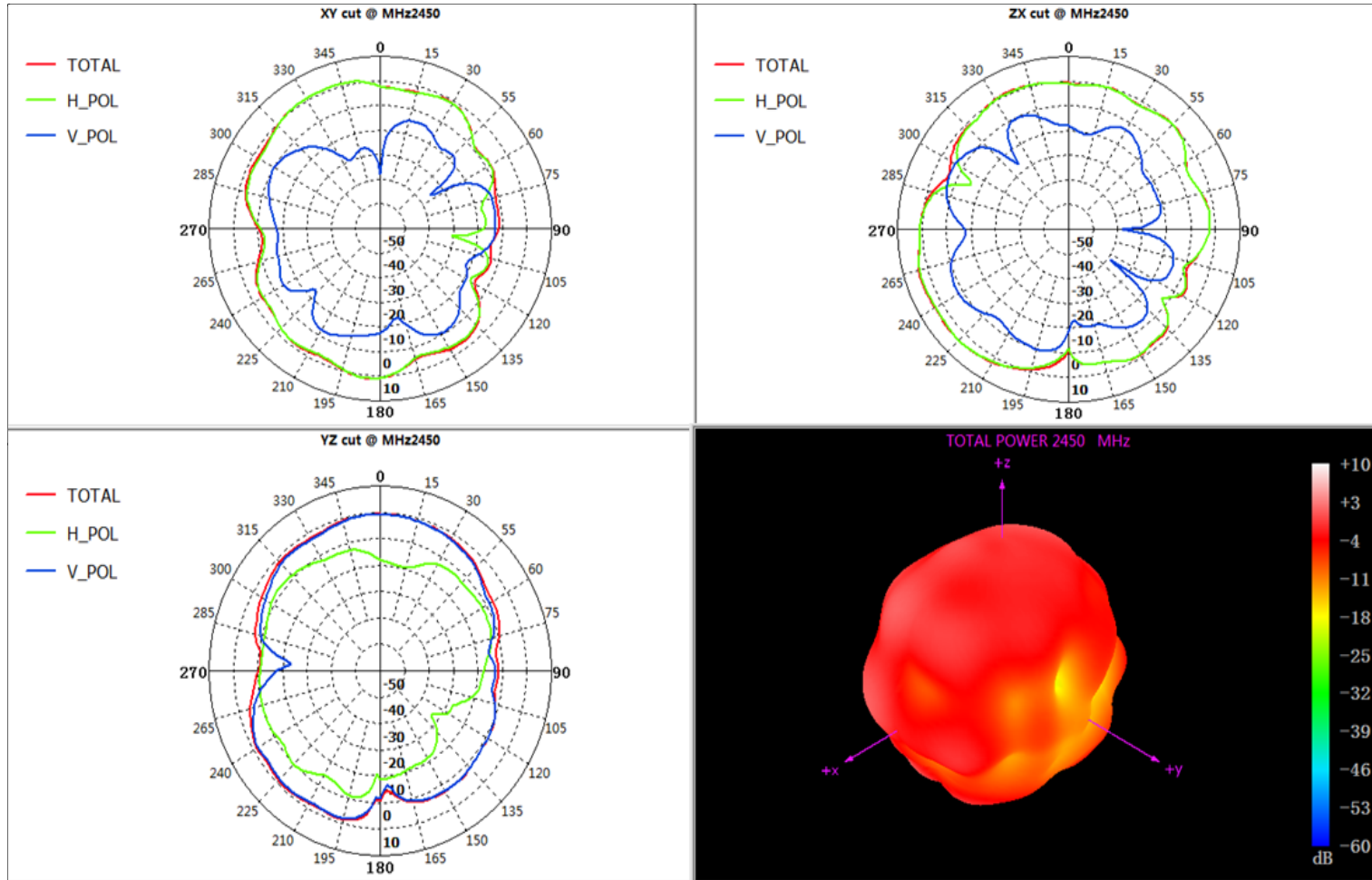
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天线		
Freq(MHz)	Efficiency (%)	Gain(dBi)
2400 MHz	53.11	3.22
2410 MHz	54.69	3.12
2420 MHz	54.3	3.01
2430 MHz	55.63	3.93
2440 MHz	57.74	3.19
2450 MHz	58.09	3.03
2460 MHz	57.81	3.22
2470 MHz	58.1	3.4
2480 MHz	57.48	3.38
2490 MHz	58.02	3.53
2500 MHz	59.27	3.76



天线辐射方向图 Antenna Radiation Pattern

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Thanks for your support !
感谢您的支持！

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