

专业天线服务商

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



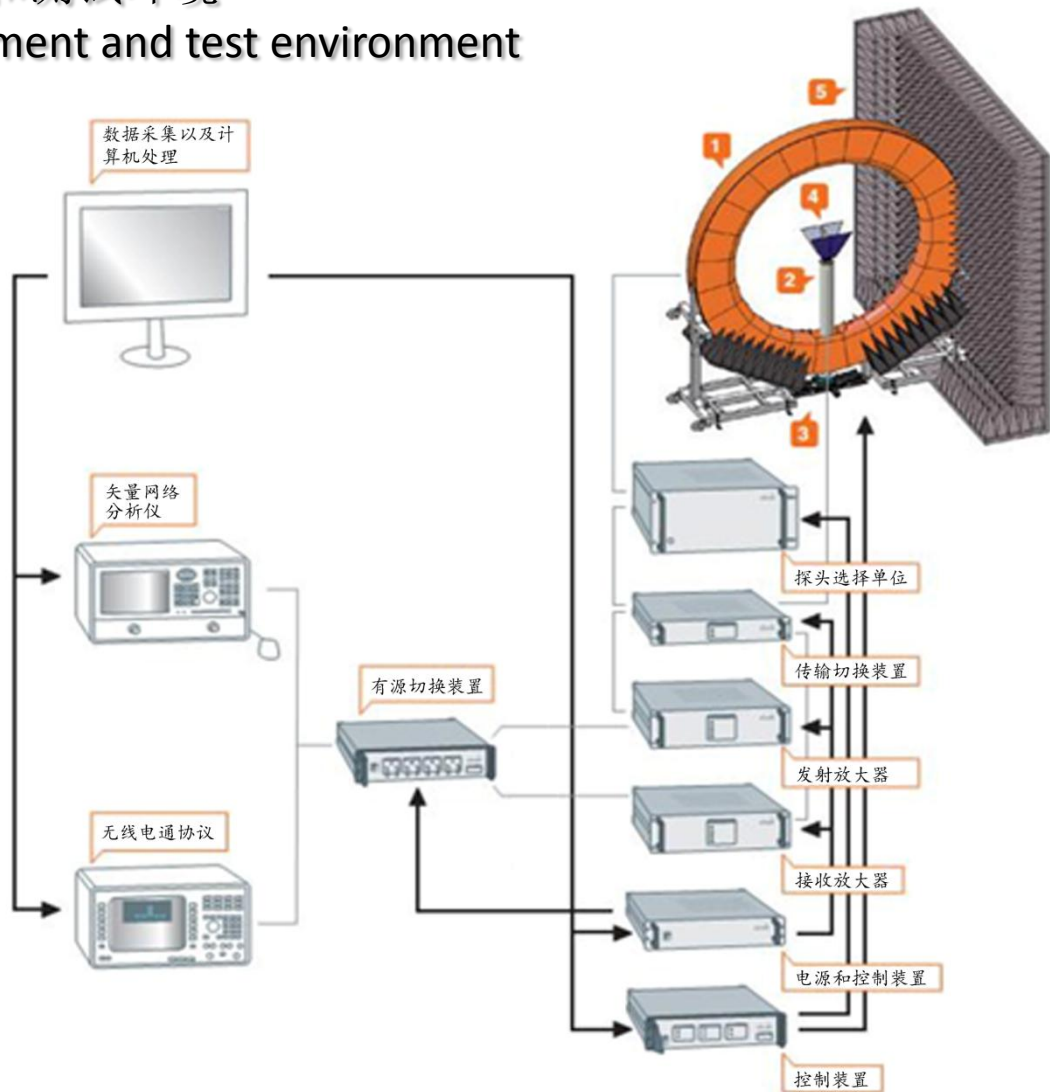
天线测试报告

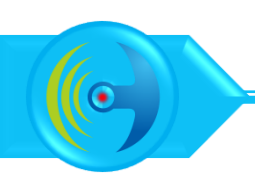
Antenna test report

项目型号	M176
天线型号	
测 试	许高富
审 核	夏兴喜
日 期	2023-9-11

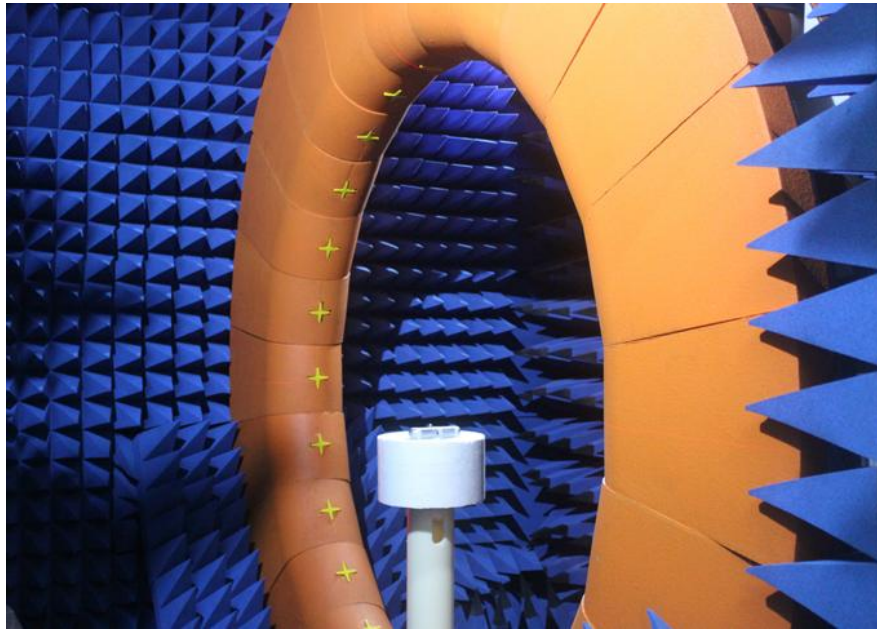


测试设备和测试环境 Test equipment and test environment





测试设备 Test equipment



探头微波暗室

➤ 频率：0.4GHz至6GHz

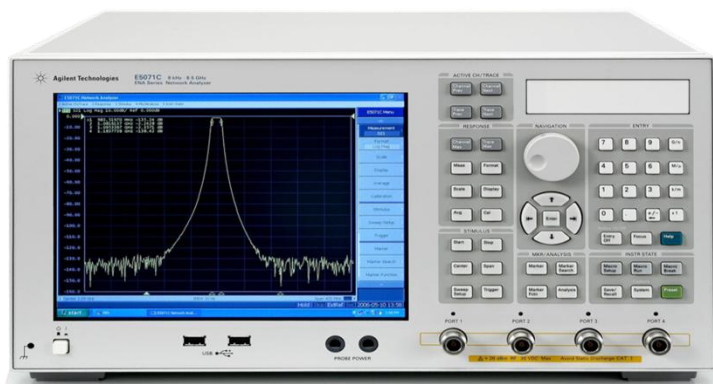
主要测试指标

- ◆ 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



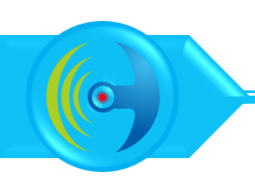
Agilent E5071C矢量网络分析仪

- 频率：300 kHz至8.5GHz



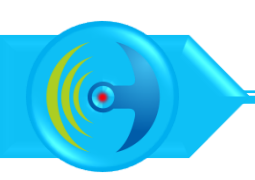
R&S CMW500 宽带无线通信测试仪

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



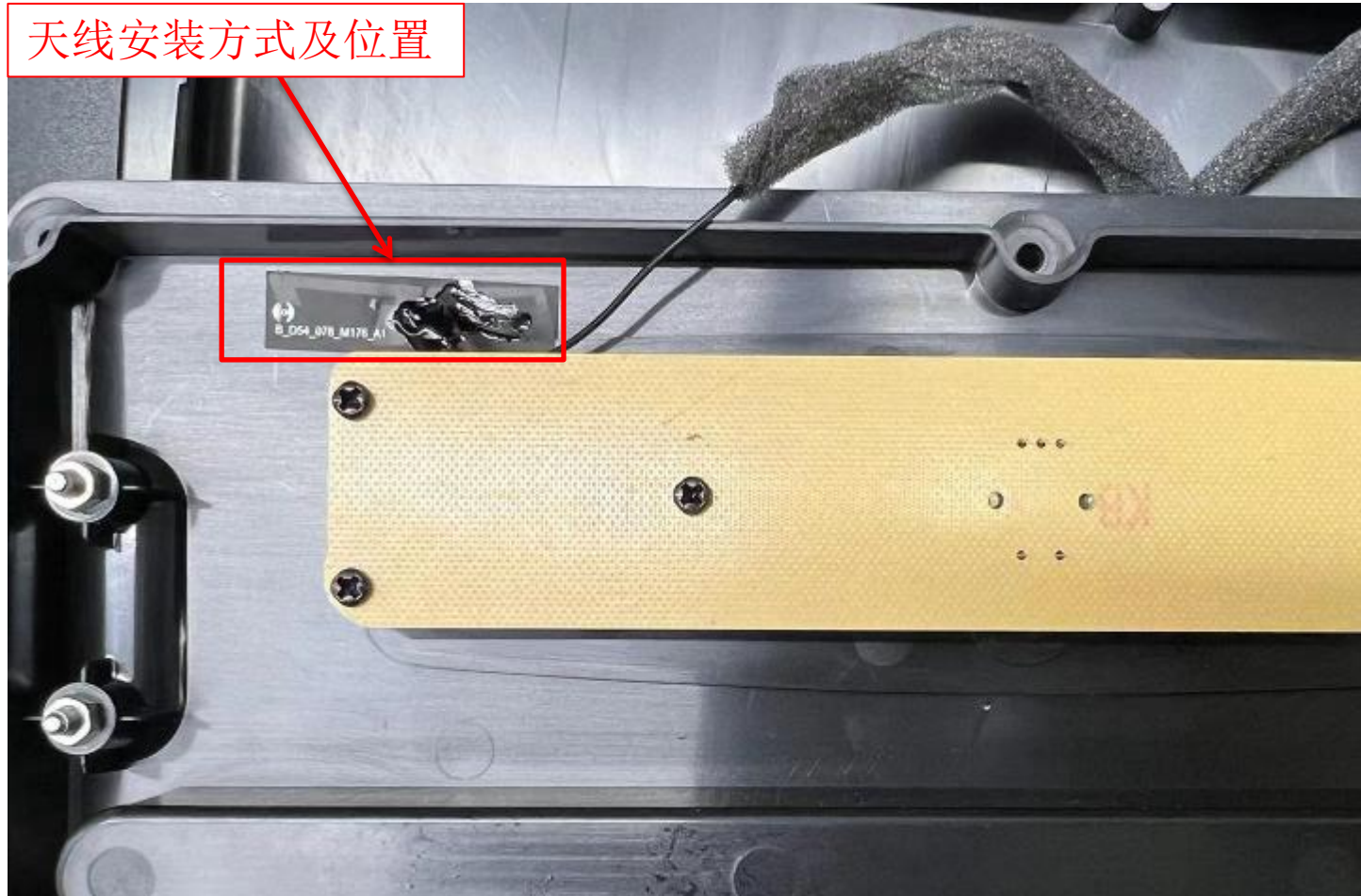
测试拍照
Test photos





天线安装位置

Passive antenna data



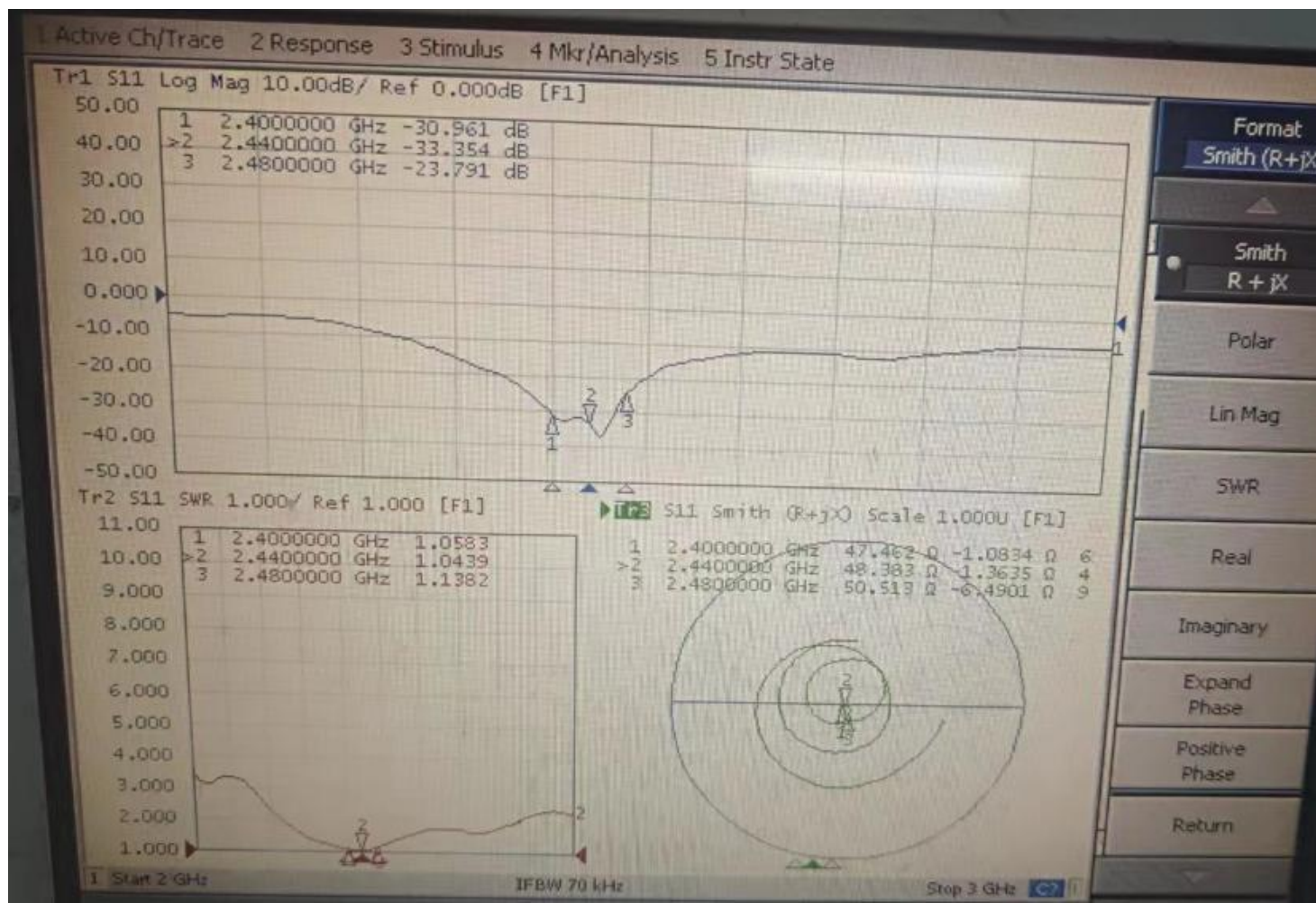
天线安装方式及位置

B_D64_078_M178_A1



天线驻波比
Antenna SWR

天线回波损耗
Antenna Return loss





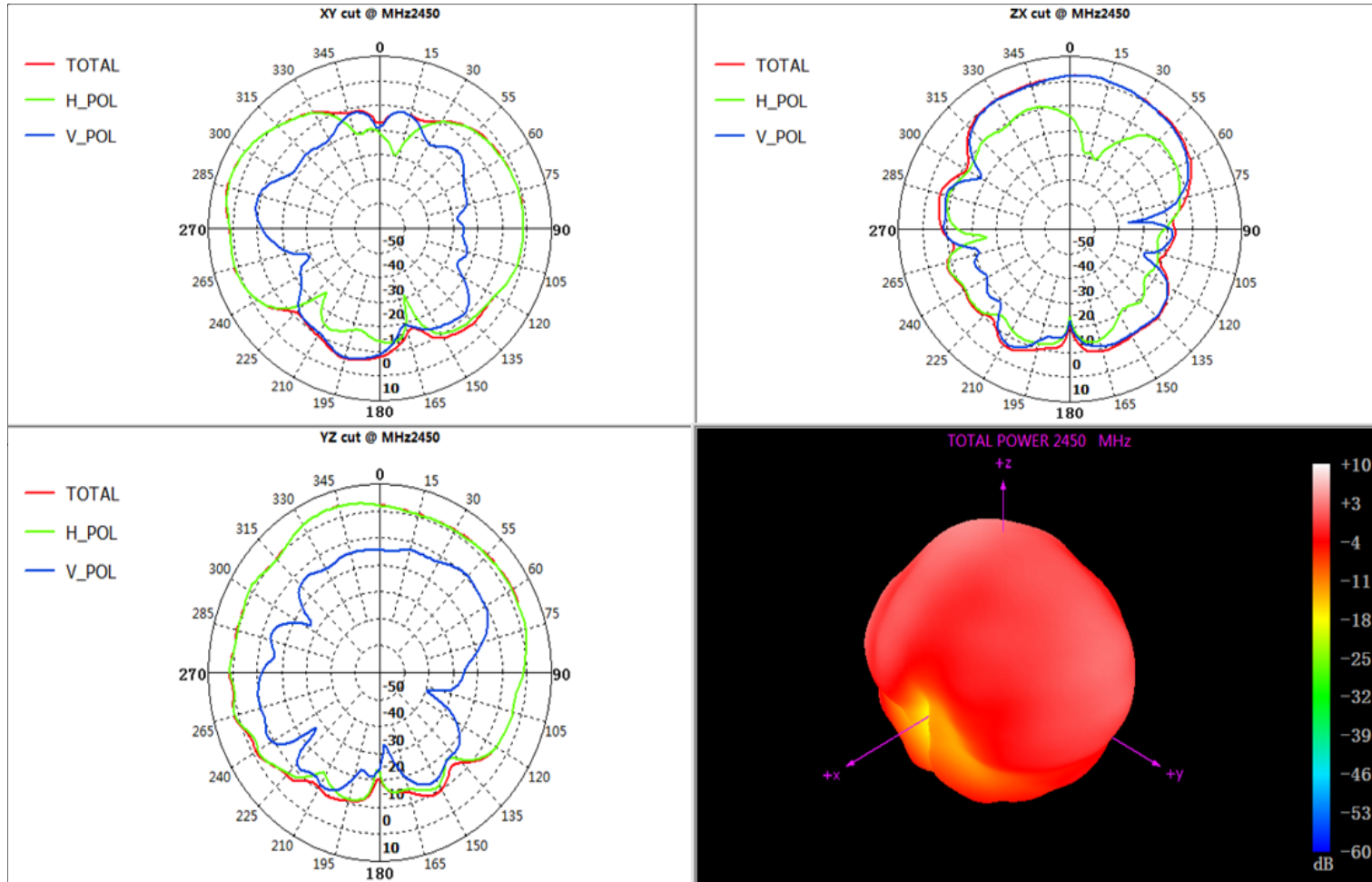
天线增益与效率

Antenna gain and efficiency

天线		
Freq(MHz)	Efficiency (%)	Gain(dBi)
2400	61.62	2.64
2410	58.22	2.54
2420	57.65	2.53
2430	57.04	2.33
2440	56.99	2.75
2450	57.37	2.43
2460	58.16	2.66
2470	58.58	2.53
2480	58.31	2.68
2490	58.75	2.82
2500	58.52	2.95



天线辐射方向图 Antenna Radiation Pattern



Thanks for your support !
感谢您的支持！

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