

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

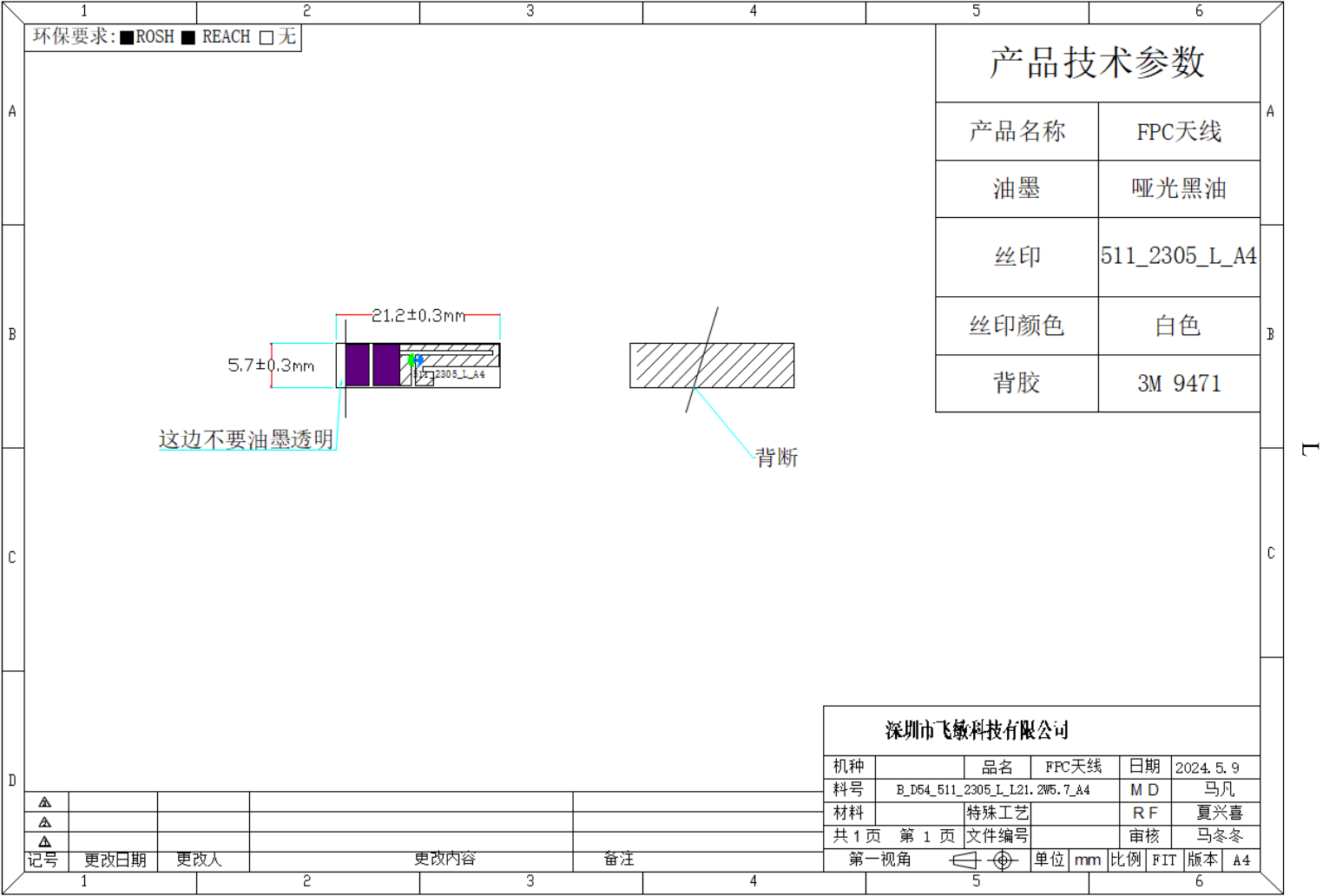
Antenna test report

项目型号	P3-5
天线型号	
测 试	许高富
审 核	夏兴喜
日 期	2024-10-25

ANTENNA SPECIFICATION

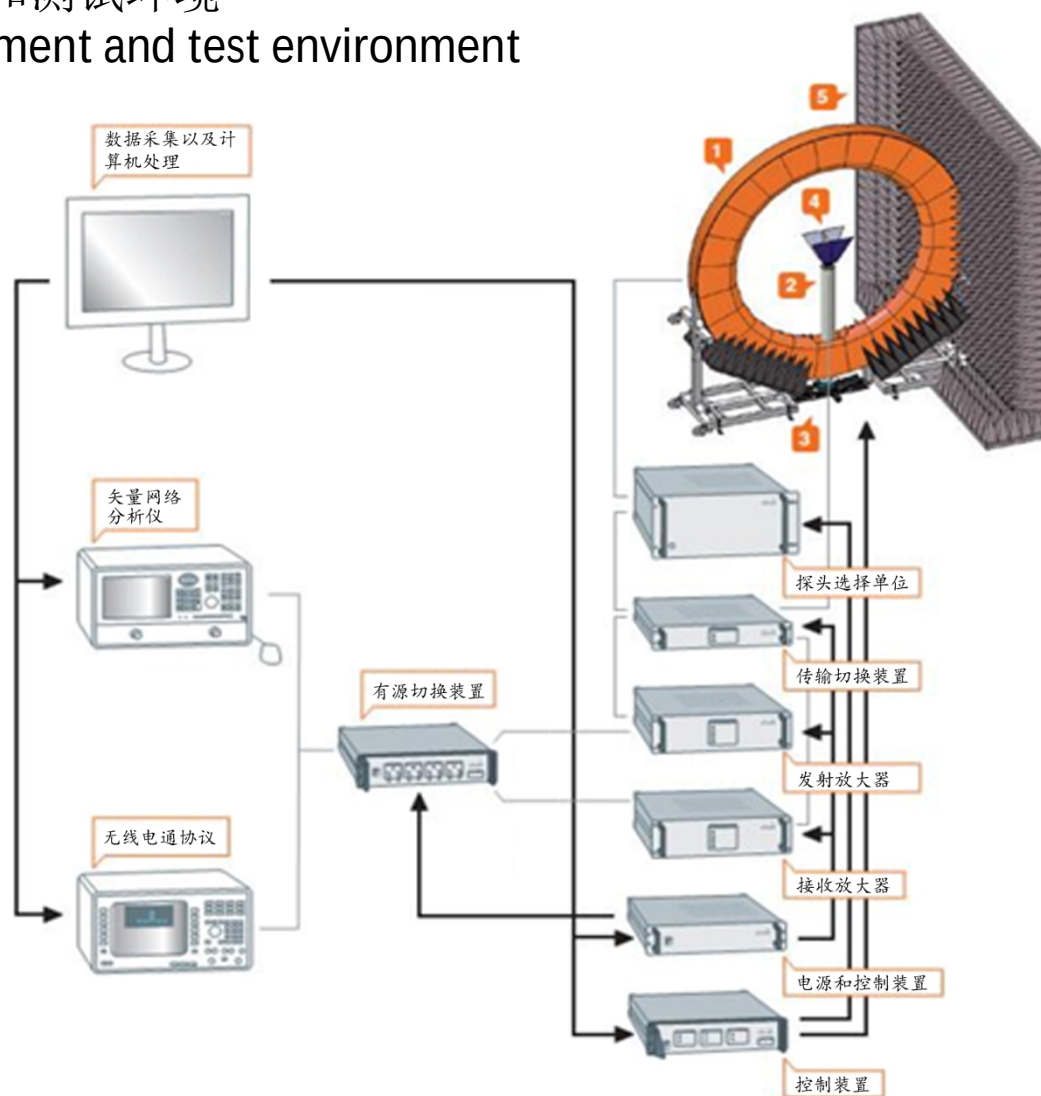
1. 项目信息 Project Information

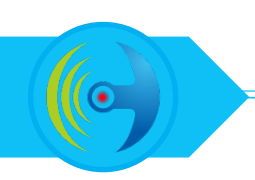
1.1. 外观尺寸 Appearance and Dimensions



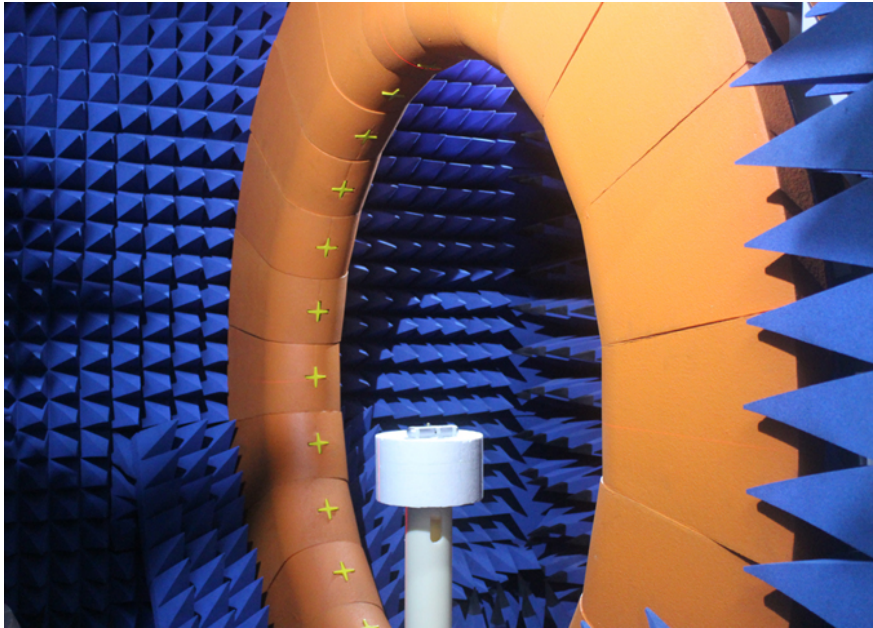


测试设备和测试环境 Test equipment and test environment





测试设备 Test equipment



探头微波暗室

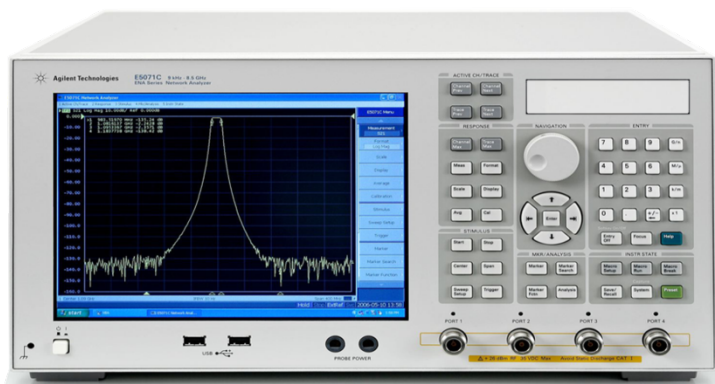
➤ 频率：0.4GHz至6GHz

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

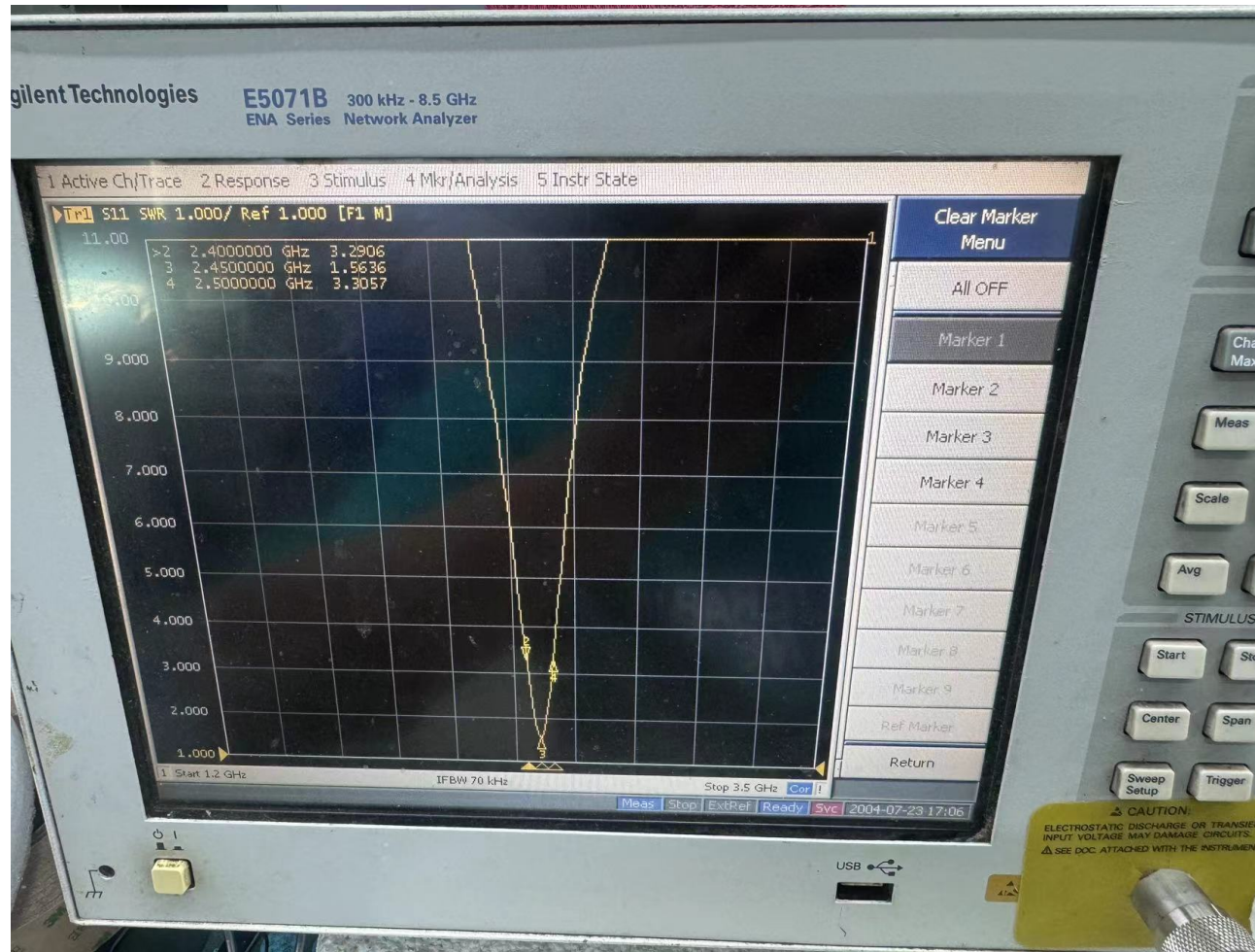


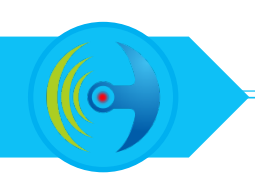
R&S CMW500 宽带无线通信测试仪

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



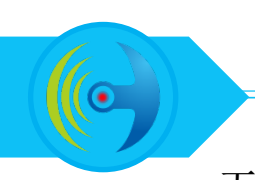
天线驻波比
Antenna SWR



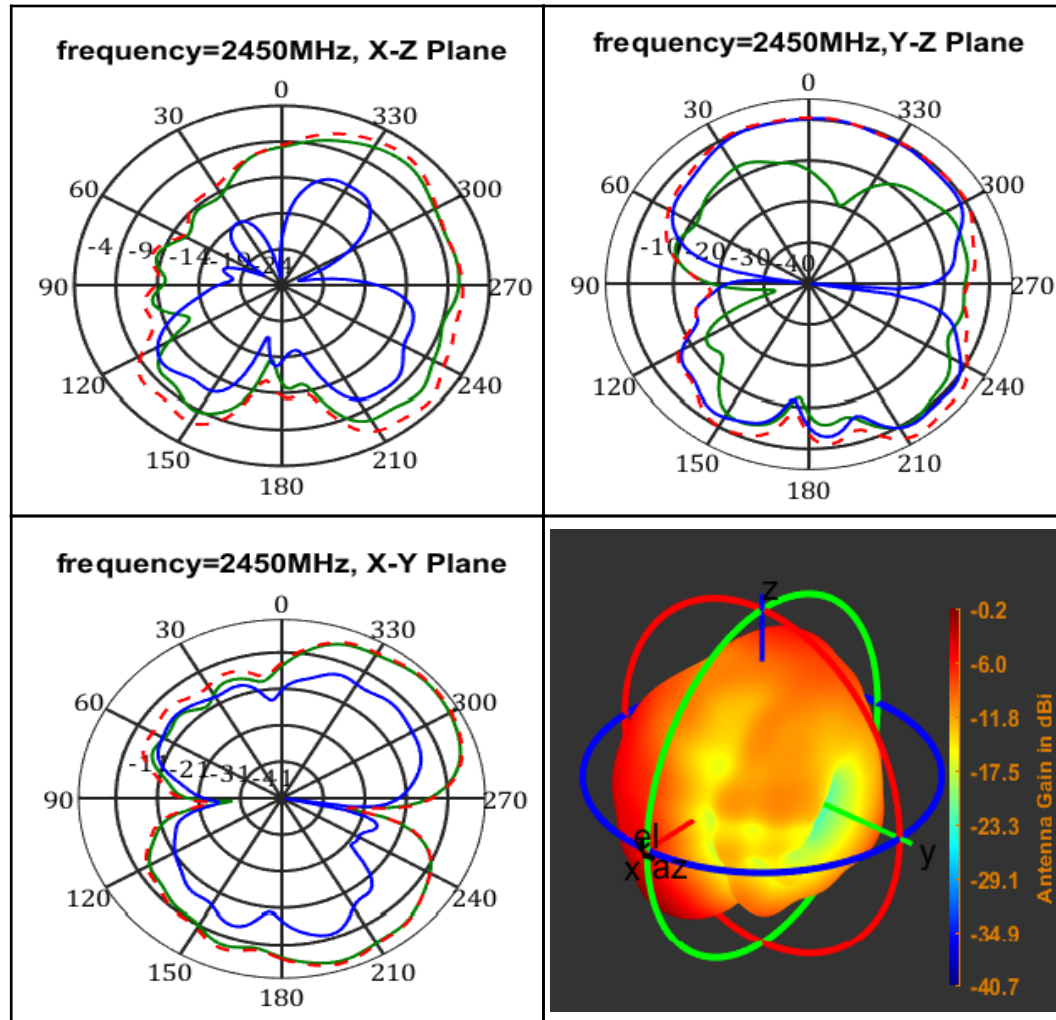
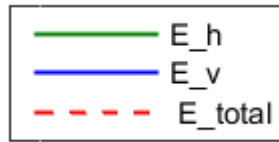


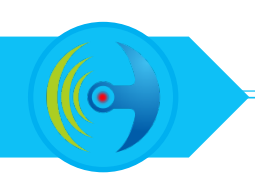
天线增益与效率
Antenna gain and efficiency

天线		
Freq(MHz)	Efficiency (%)	Gian(dBi)
2400	16.90	-0.25
2410	17.17	-0.15
2420	17.51	-0.07
2430	18.13	-0.18
2440	19.09	-0.07
2450	19.93	-0.16
2460	19.77	-0.12
2470	19.26	-0.20
2480	18.92	-0.12
2490	17.94	-0.20
2500	17.94	-0.33



天线辐射方向图 Antenna Radiation Pattern





OTA 有源数据 (TIS, TRP)
OTA Active data

模式(mode))	信道 (channel)	TRP	TIS
BT	L(0)	-3.43	-69.43
	M(39)	-5.63	-64.19
	H (78)	-6.43	-69.64

Thanks for your support!
感谢您的支持！

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