

专业天线服务商

深圳市飞敏科技有限公司

SHENZHEN FEIMIN TECHNOLOGY CO.,LTD.



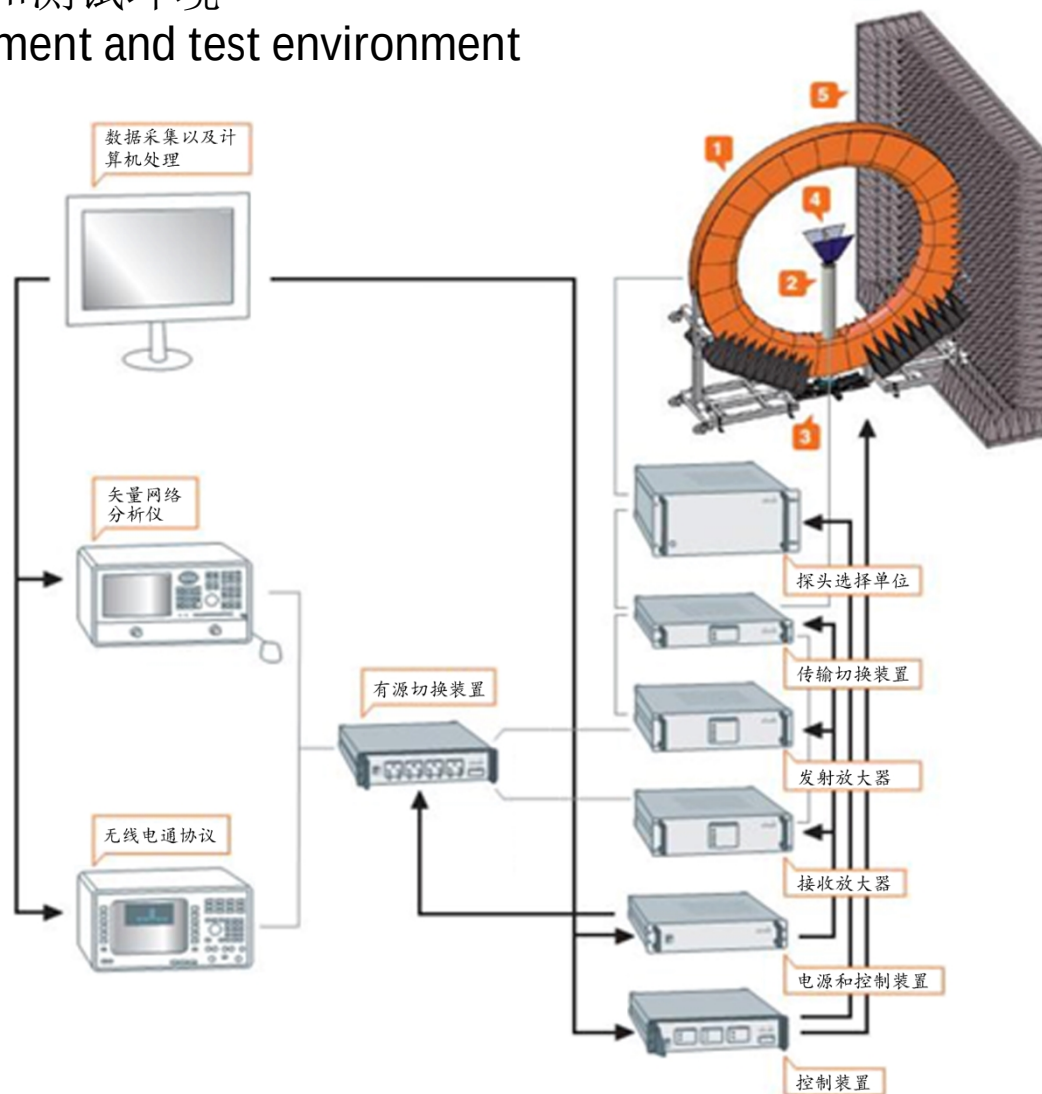
天线测试报告

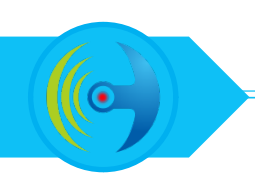
Antenna test report

项目型号	SK1
天线型号	
测 试	许高富
审 核	范敏
日 期	2024-4-10

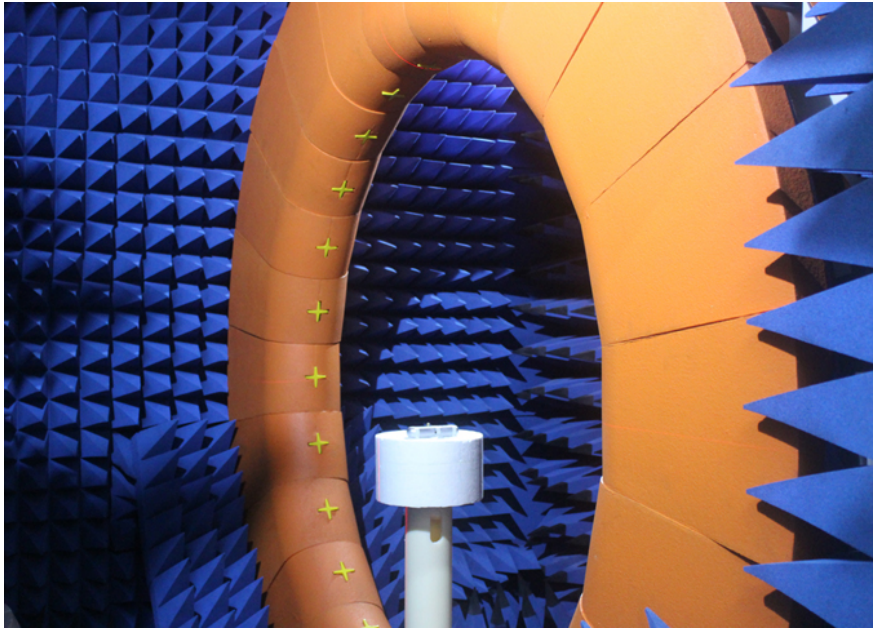


测试设备和测试环境 Test equipment and test environment





测试设备 Test equipment



探头微波暗室

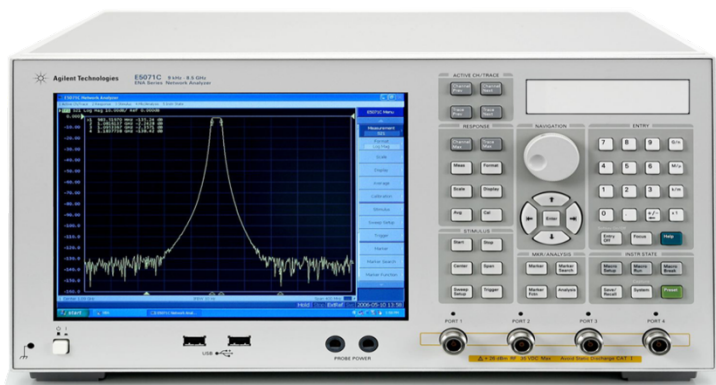
➤ 频率：0.4GHz至6GHz

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

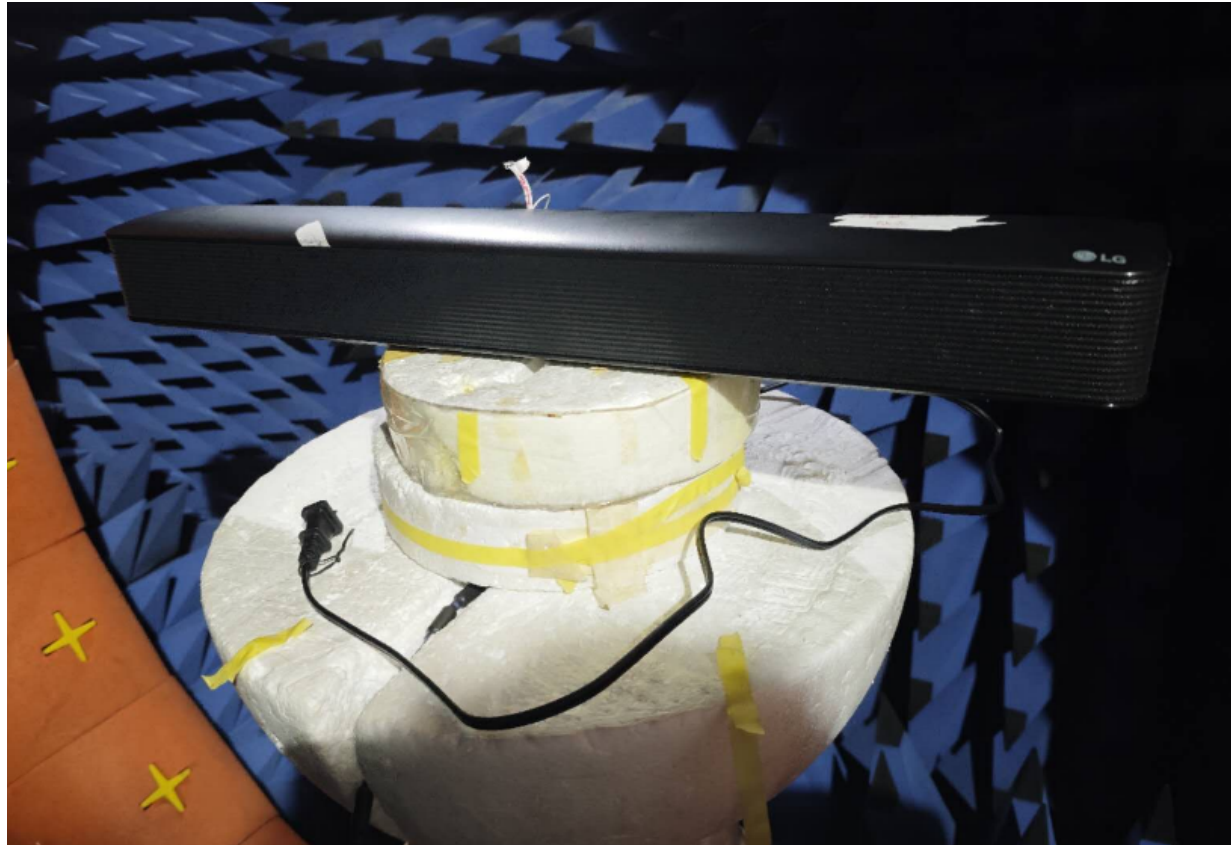


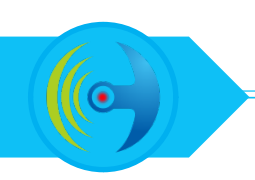
R&S CMW500 宽带无线通信测试仪

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

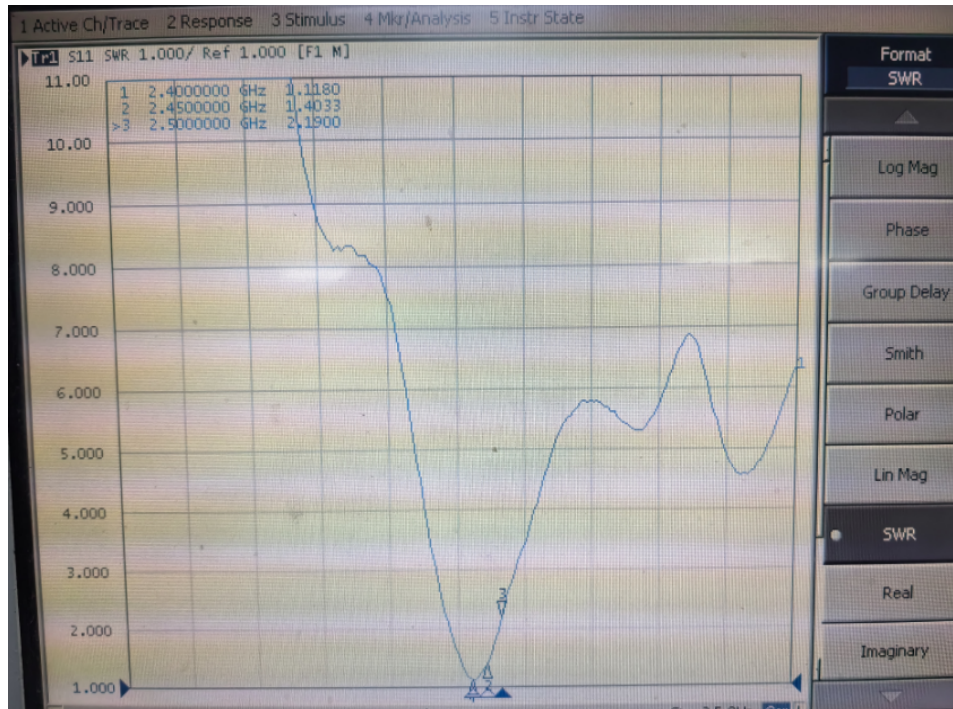


测试拍照
Test photos

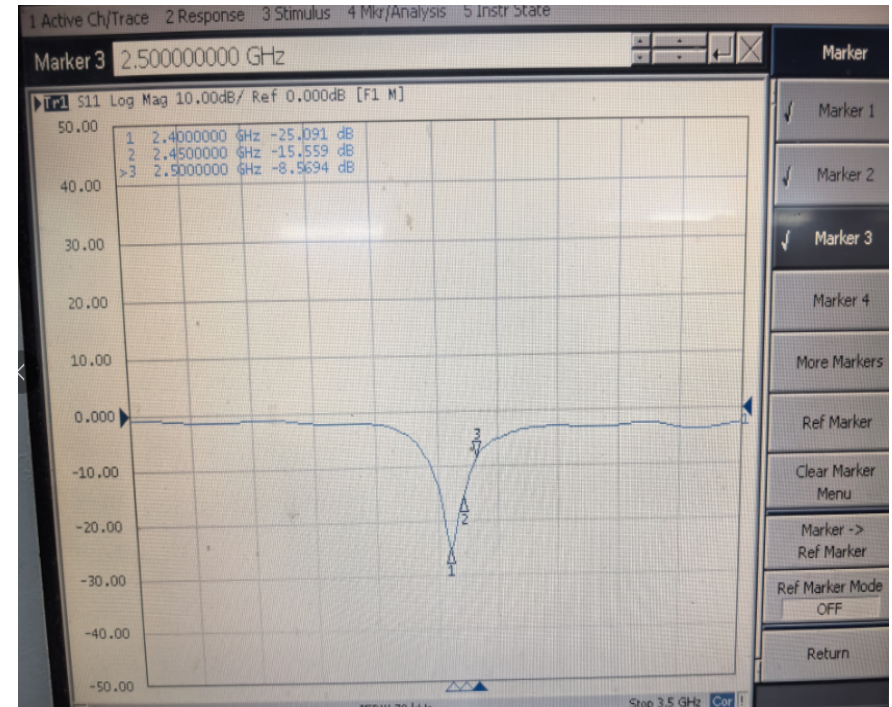


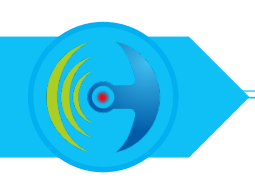


天线驻波比 Antenna SWR



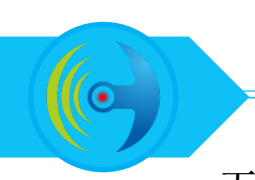
天线回波损耗 Antenna Return loss



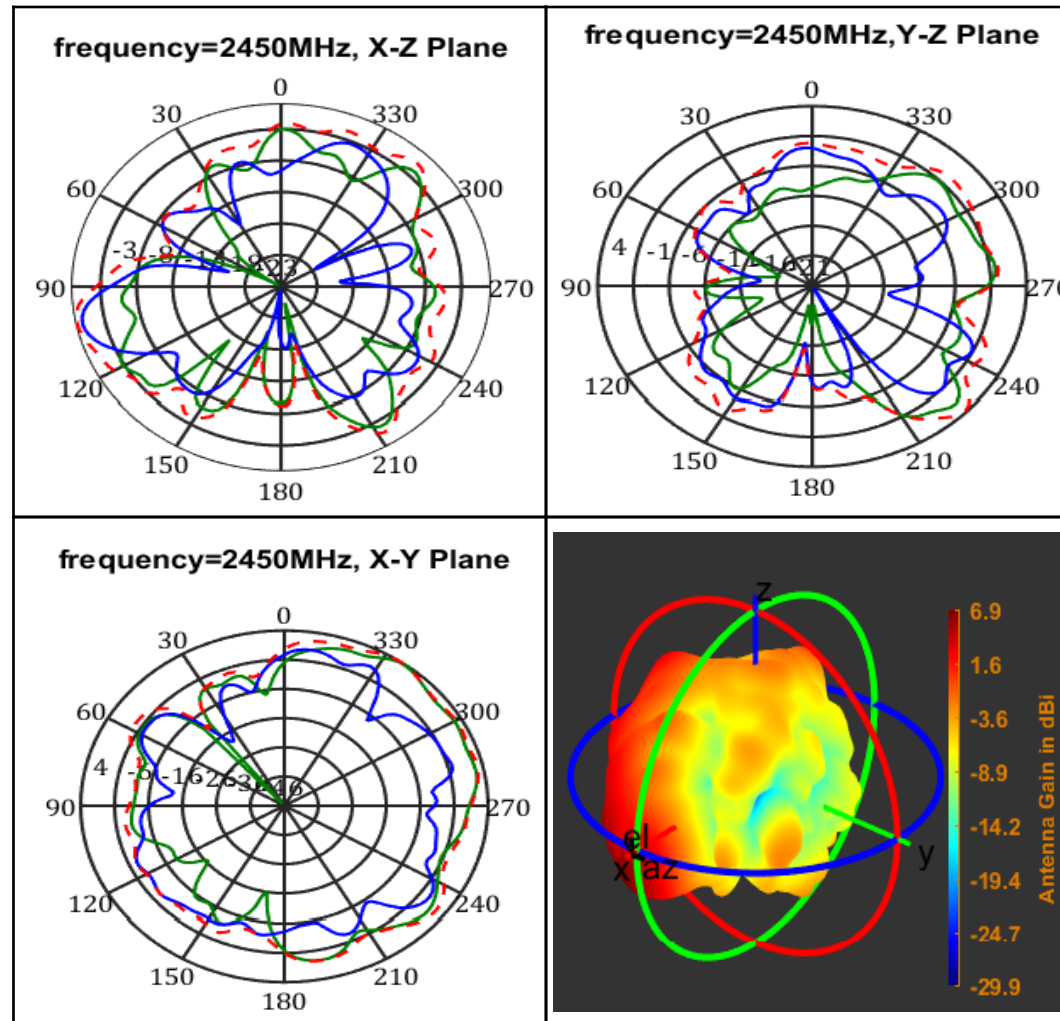
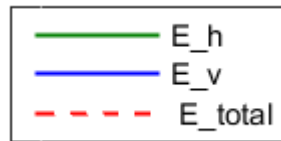


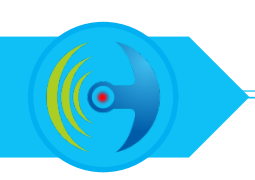
天线增益与效率
Antenna gain and efficiency

天线		
Freq(MHz)	Efficiency (%)	Gain(dBi)
2400 MHz	41.37	2.19
2410 MHz	43.14	2.46
2420 MHz	45.62	2.81
2430 MHz	48.14	3.13
2440 MHz	51.66	3.66
2450 MHz	52.28	3.87
2460 MHz	52.34	3.98
2470 MHz	49.31	3.84
2480 MHz	47.58	3.83
2490 MHz	46.21	3.77
2500 MHz	44.23	3.78



天线辐射方向图 Antenna Radiation Pattern





OTA 有源数据 (TIS, TRP)
OTA Active data

OTA测试数据			
模式(mode))	信道 (channel)	TRP	TIS
BT	L(0)	6.75	-84.01
	M(39)	5.72	-86.17
	H (78)	4.97	-87.89

Thanks for your support!
感谢您的支持！

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