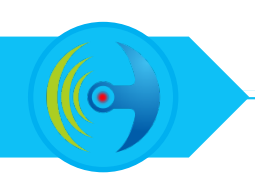


Professional antenna service provider

深圳市飞敏科技有限公司

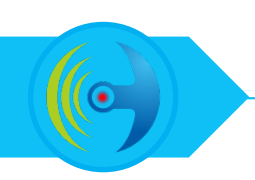
SHENZHEN FEIMIN TECHNOLOGY CO.,LTD.



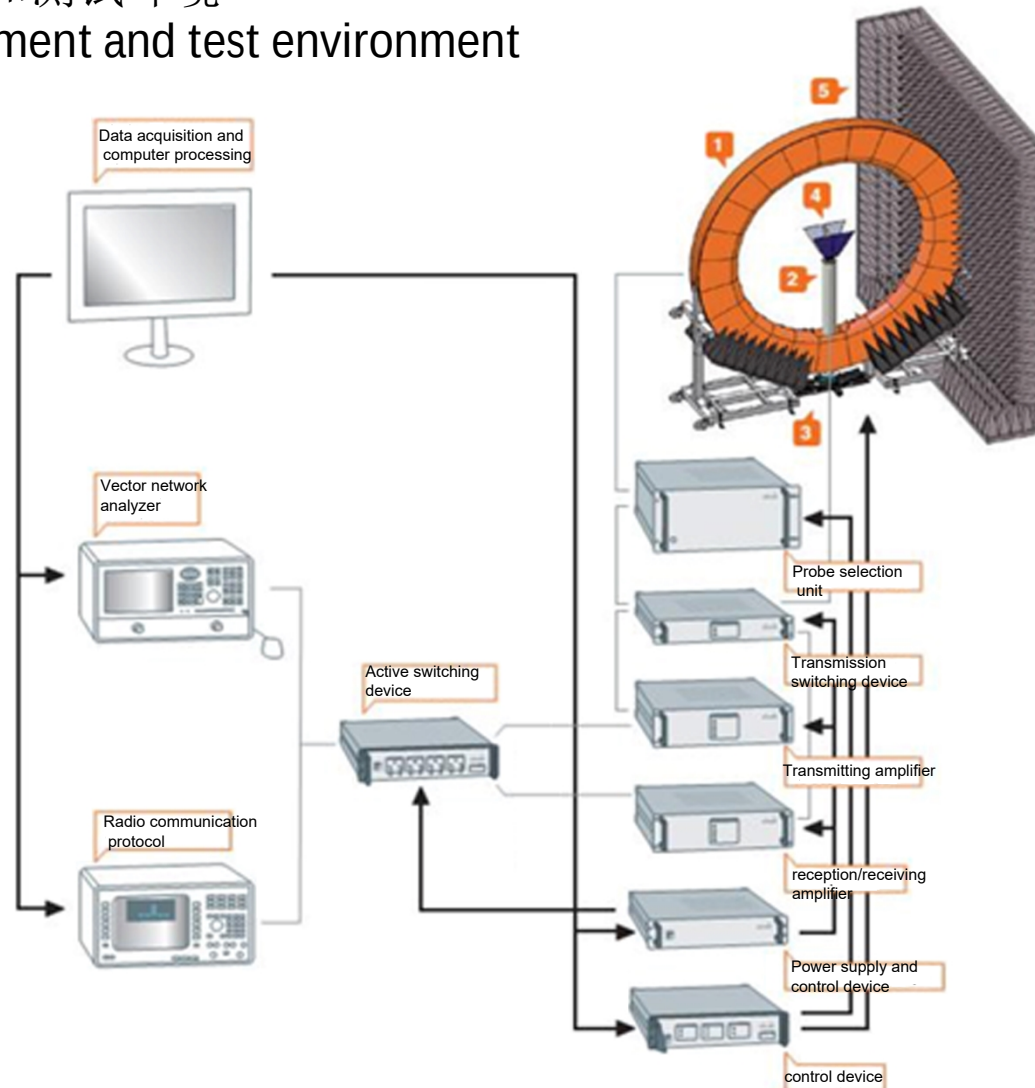
天线测试报告

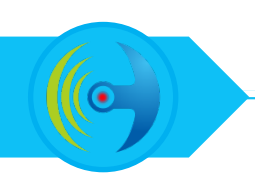
Antenna test report

Project model	SPF30
Antenna model	B_851_SPF30_A2
test	Xu Gaofu
check	Xia Xingxi
Date	2025-3-7

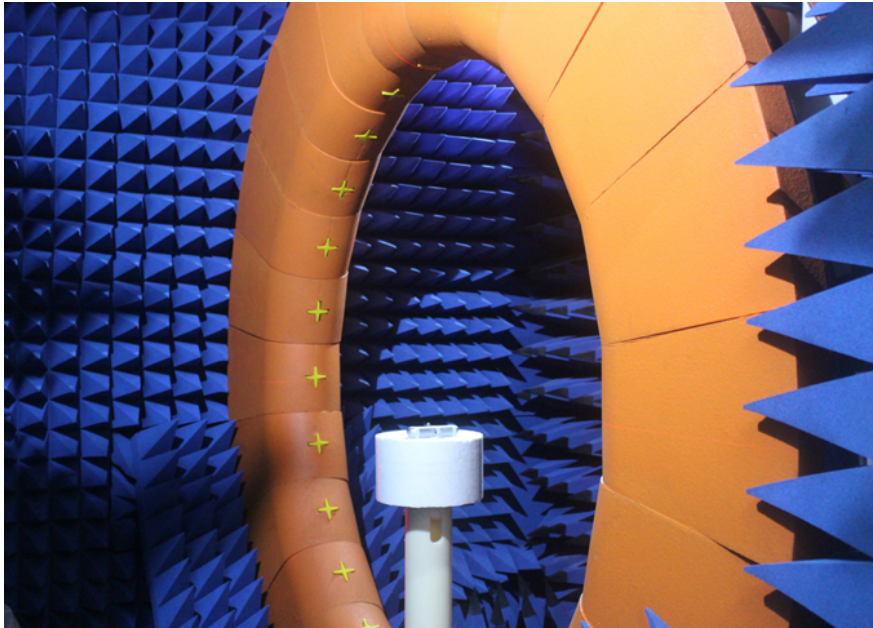


测试设备和测试环境 Test equipment and test environment





测试设备 Test equipment



Probe microwave anechoic chamber

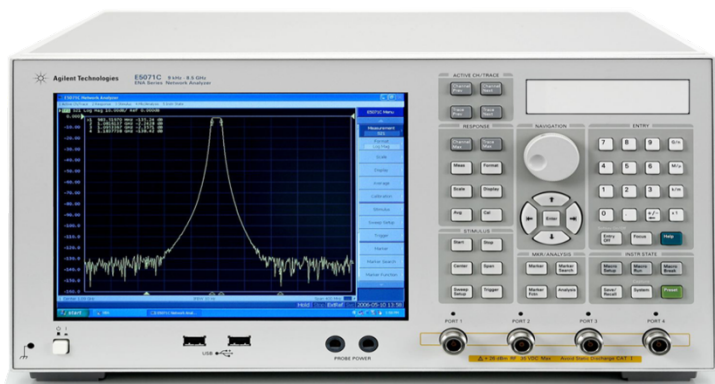
➤ Frequency: 0.4GHz to 6GHz

Main test indicators

- ◆ Passive index
- ◆ Gain
- ◆ efficiency
- ◆ 3D pattern
- Active index
- TRP total radiation power
- TIS total receiving sensitivity



测试设备 Test equipment



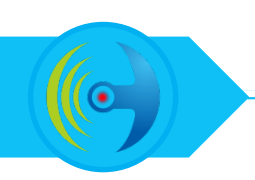
Agilent E5071C Vector network analyzer

- Frequency: 300 kHz to 8.5GHz

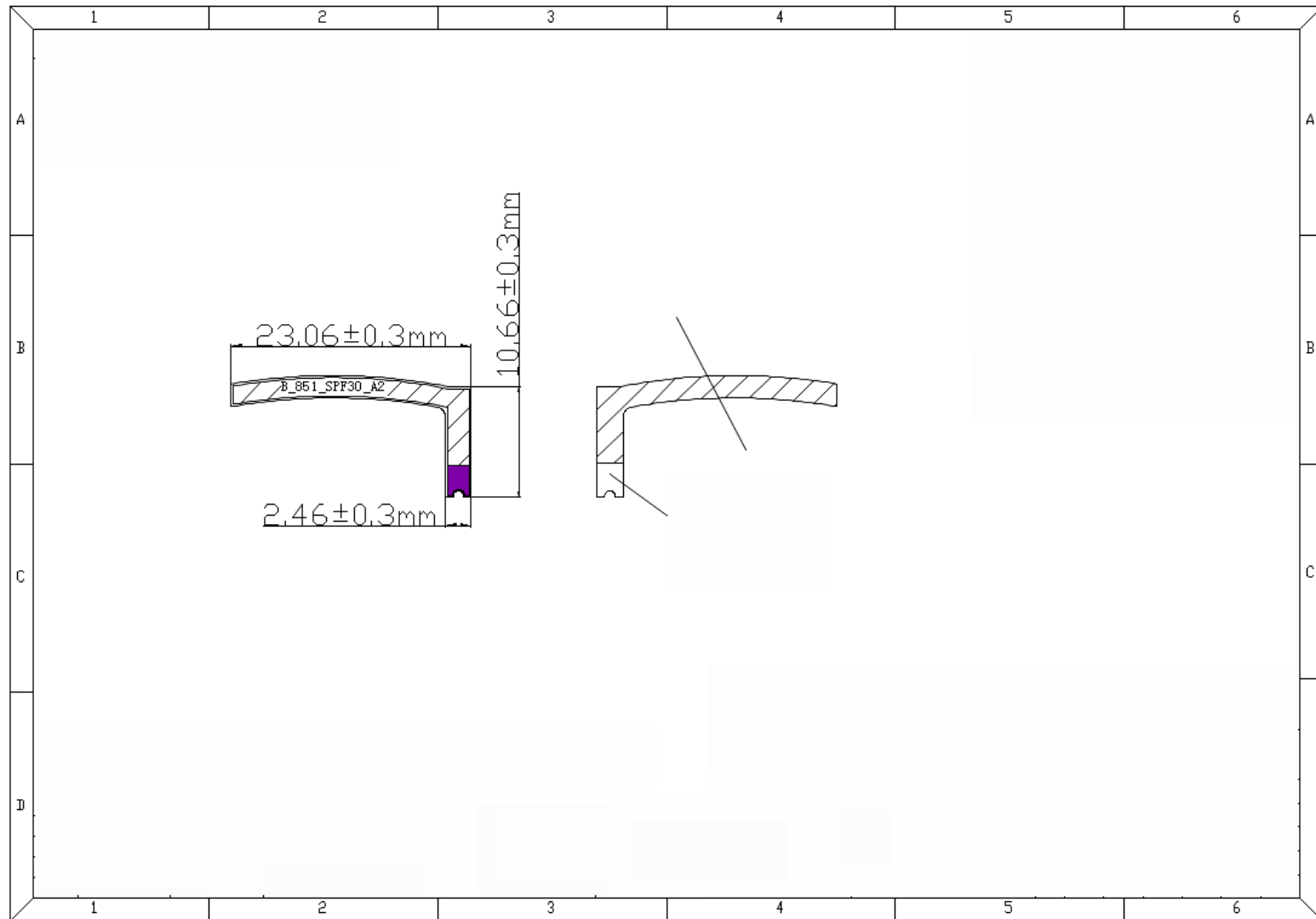


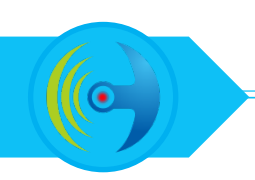
R&S CMW500 broadband wireless communication tester

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

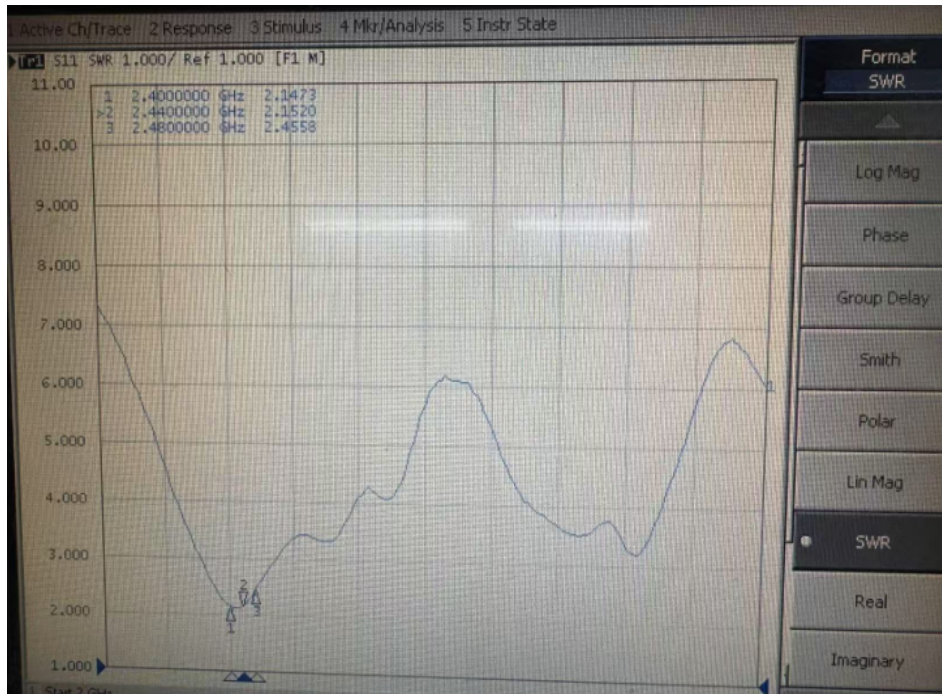


外观尺寸Appearance and Dimensions

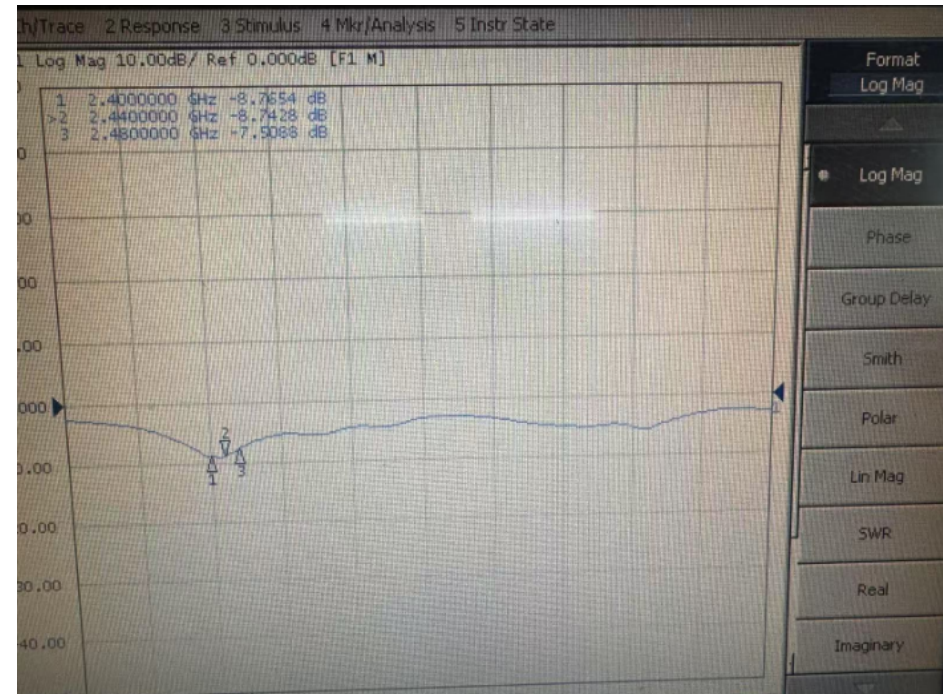


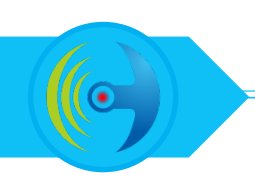


天线驻波比
Antenna SWR



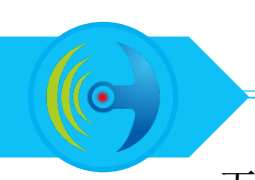
天线回波损耗
Antenna Return loss



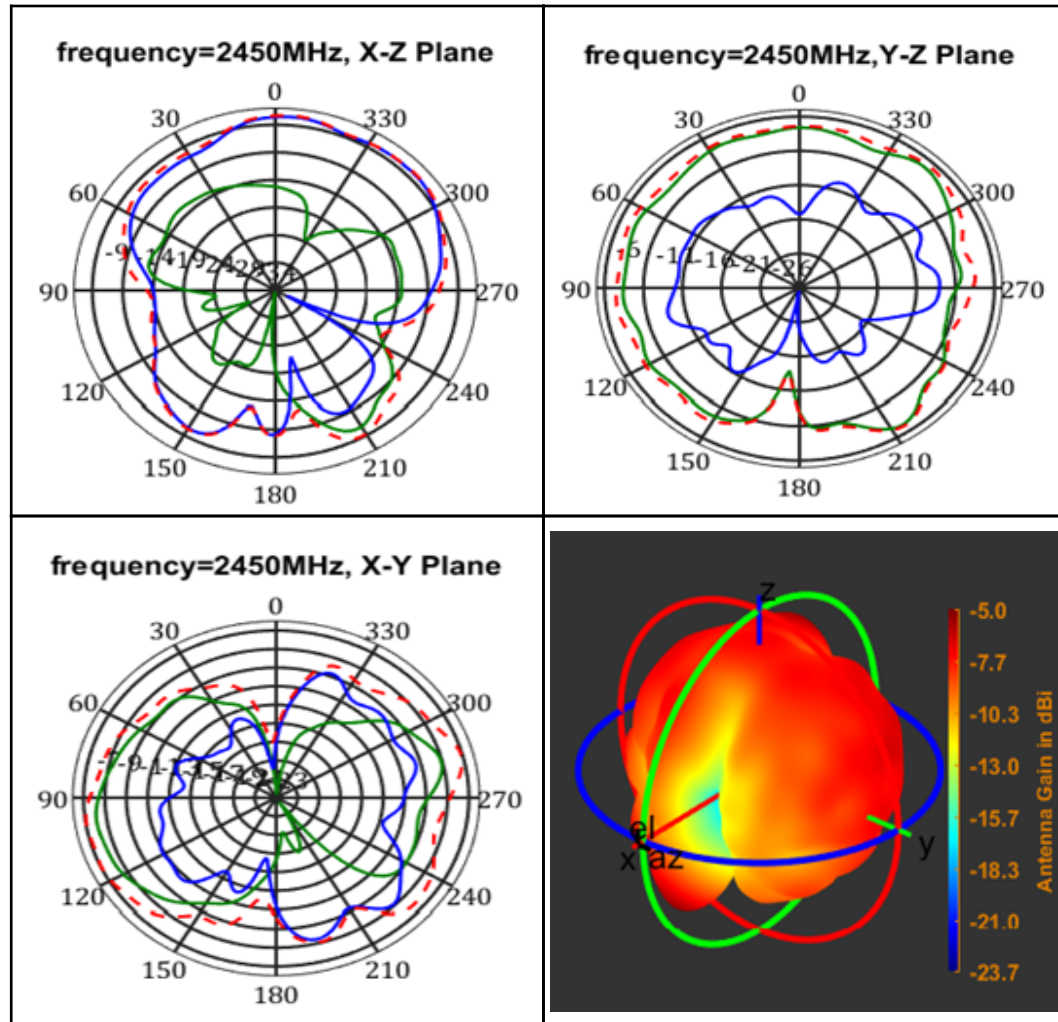
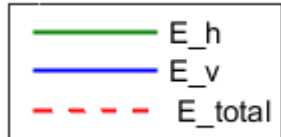


天线增益与效率
Antenna gain and efficiency

Freq(MHz)	Efficiency (%)	Gian(dBi)
2400	23.46	-4.17
2410	22.98	-4.12
2420	22.69	-4.47
2430	22.67	-4.57
2440	22.84	-4.51
2450	22.71	-5.02
2460	22.23	-4.96
2470	21.37	-4.97
2480	21.13	-5.36
2490	20.83	-5.52
2500	20.24	-5.09



天线辐射方向图 Antenna Radiation Pattern



Thanks for your support!
感谢您的支持！

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