

专业天线服务商

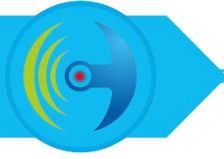
深圳市飞敏科技有限公司
SHENZHEN FEIMIN TECHNOLOGY CO.,LTD.



天线测试报告

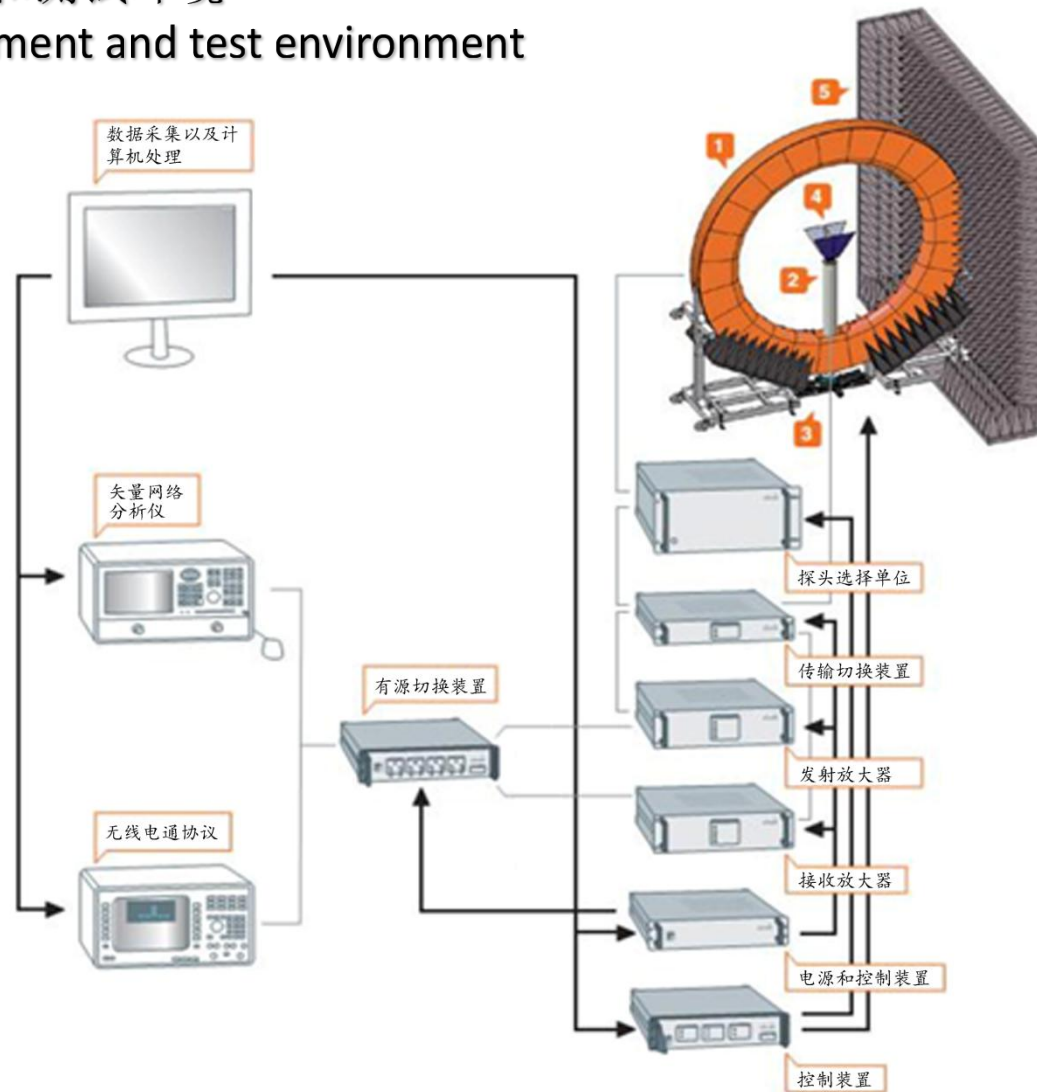
Antenna test report

项目型号	银色、蓝色手表
天线型号	
测 试	许高富
审 核	陈泽雄
日 期	2026-3-23



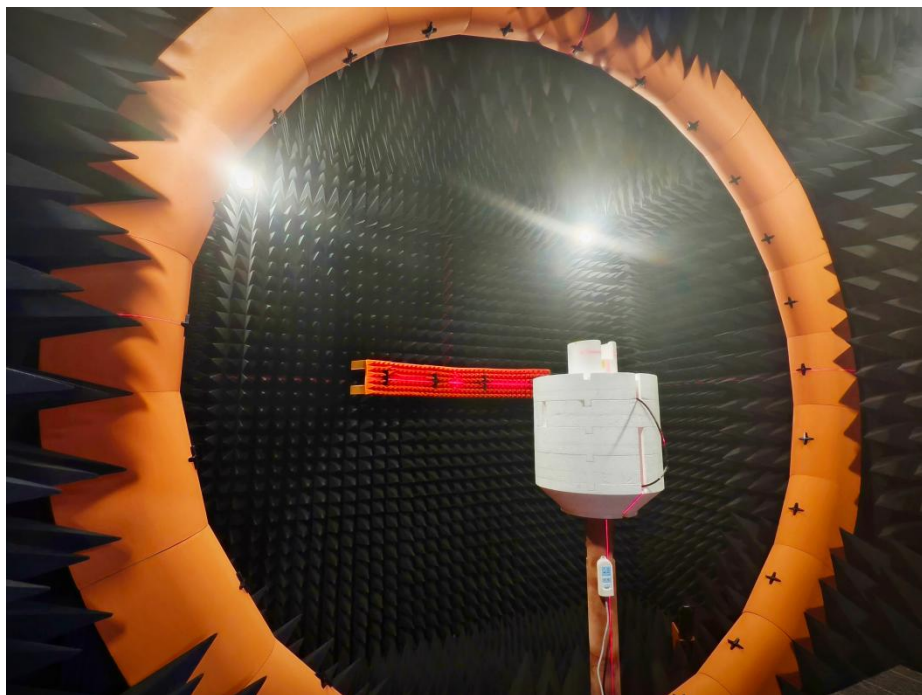
测试设备和测试环境

Test equipment and test environment





测试设备 Test equipment



探头微波暗室
Probe microwave anechoic chamber
➤ 频率：0.4GHz至12GHz
Frequency Range : 0.4GHz-12GHz

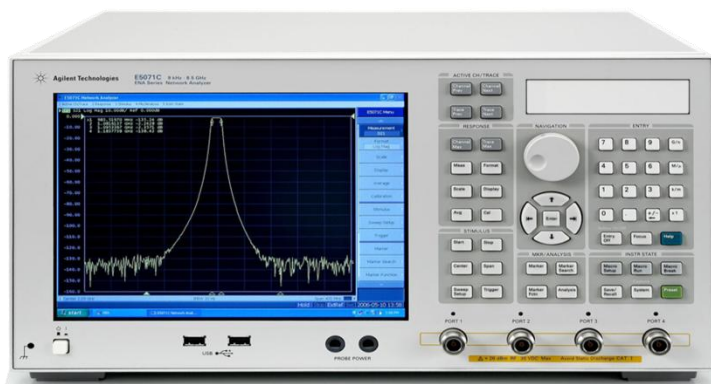
主要测试指标 Main test indicators

- ◆ 无源指标
Passive indicators
- ◆ 增益
Gain
- ◆ 效率
Effectiveness
- ◆ 3D方向图
3D pattern

- 有源指标
Active indicator
- TRP总辐射功率
TRP total radiated power
- TIS总接收灵敏度
TIS total receiving sensitivity



测试设备 Test equipment



Agilent E5071C 矢量网络分析仪
Agilent E5071C Vector network analyzer

- 频率: 300 kHz至8.5GHz
Frequency Range : 300 kHz - 8.5GHz



R&S CMW500 宽带无线通信测试仪
R&S CMW500 Broadband wireless communication tester

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

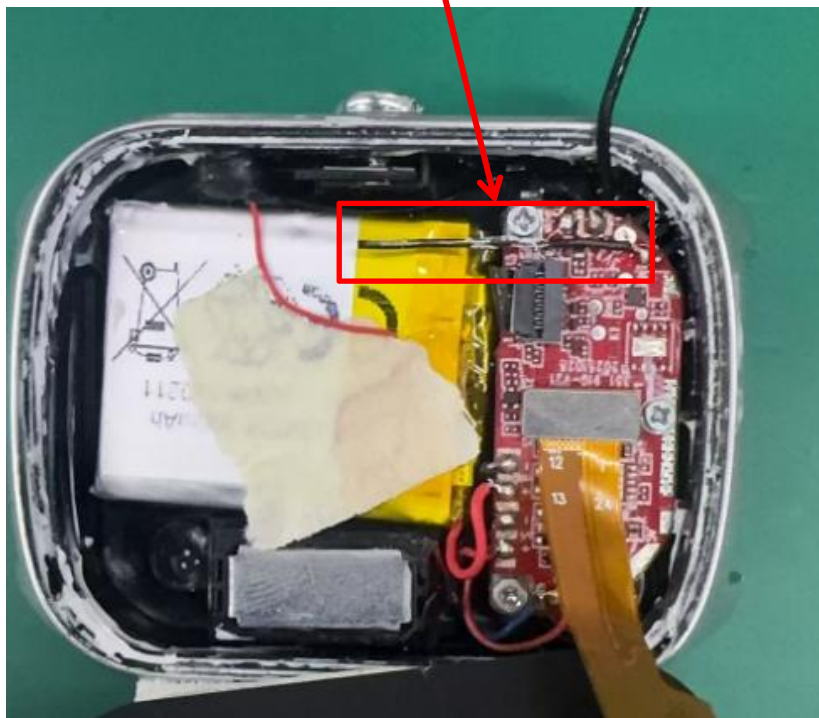


天线安装位置

Passive antenna data

银色手表

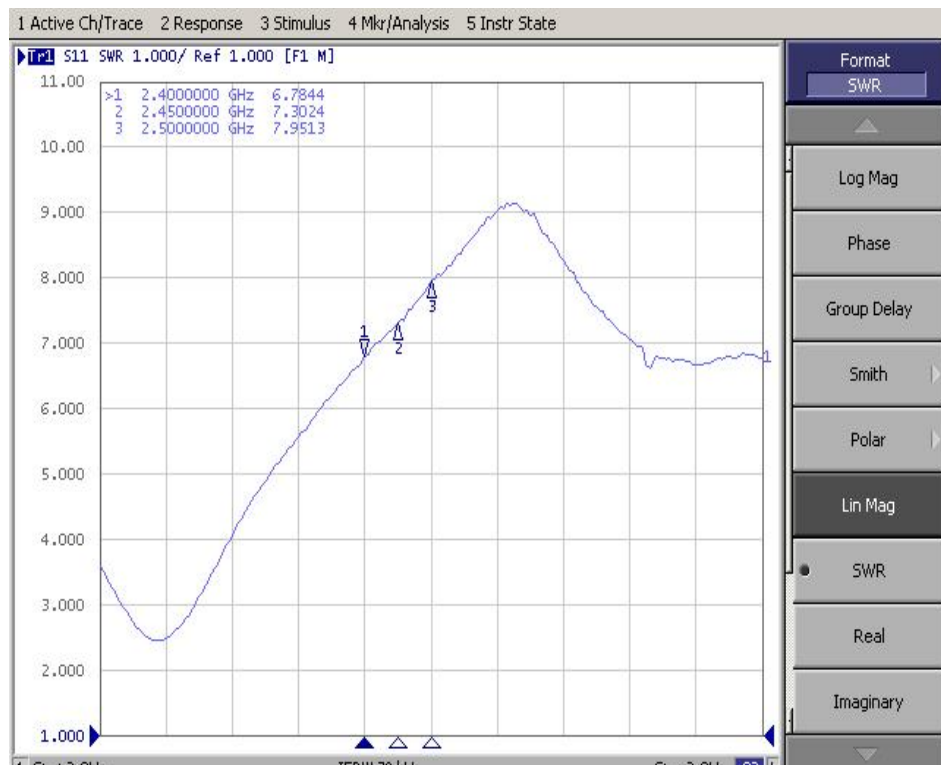
天线装配位置及方式



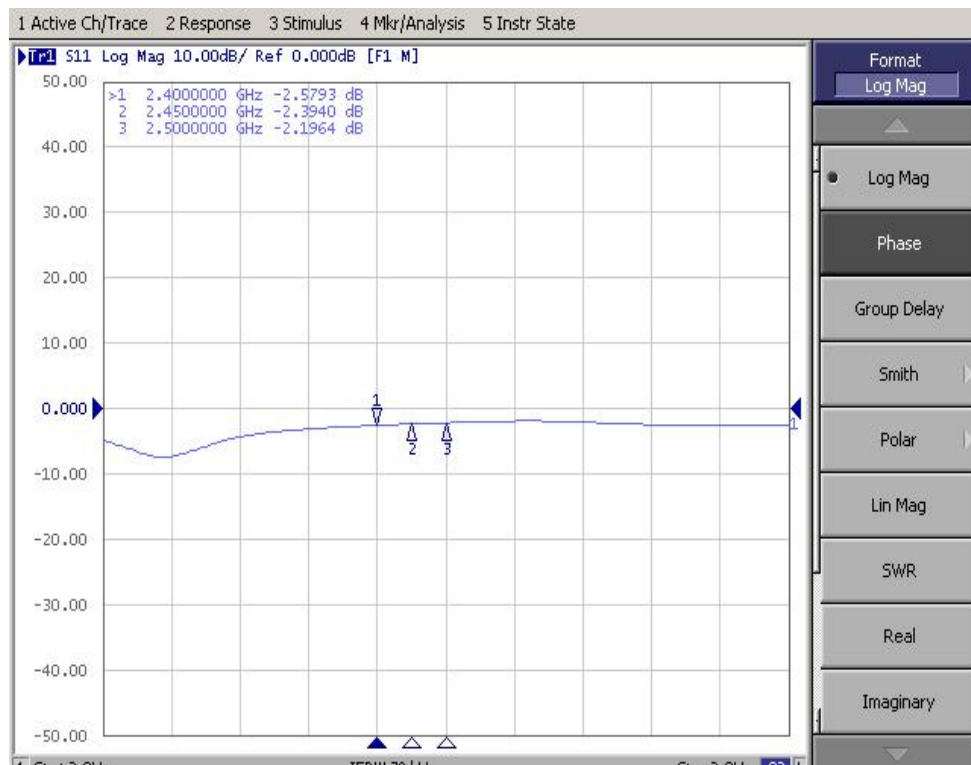


银色手表

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

银色手表

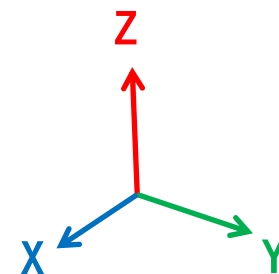
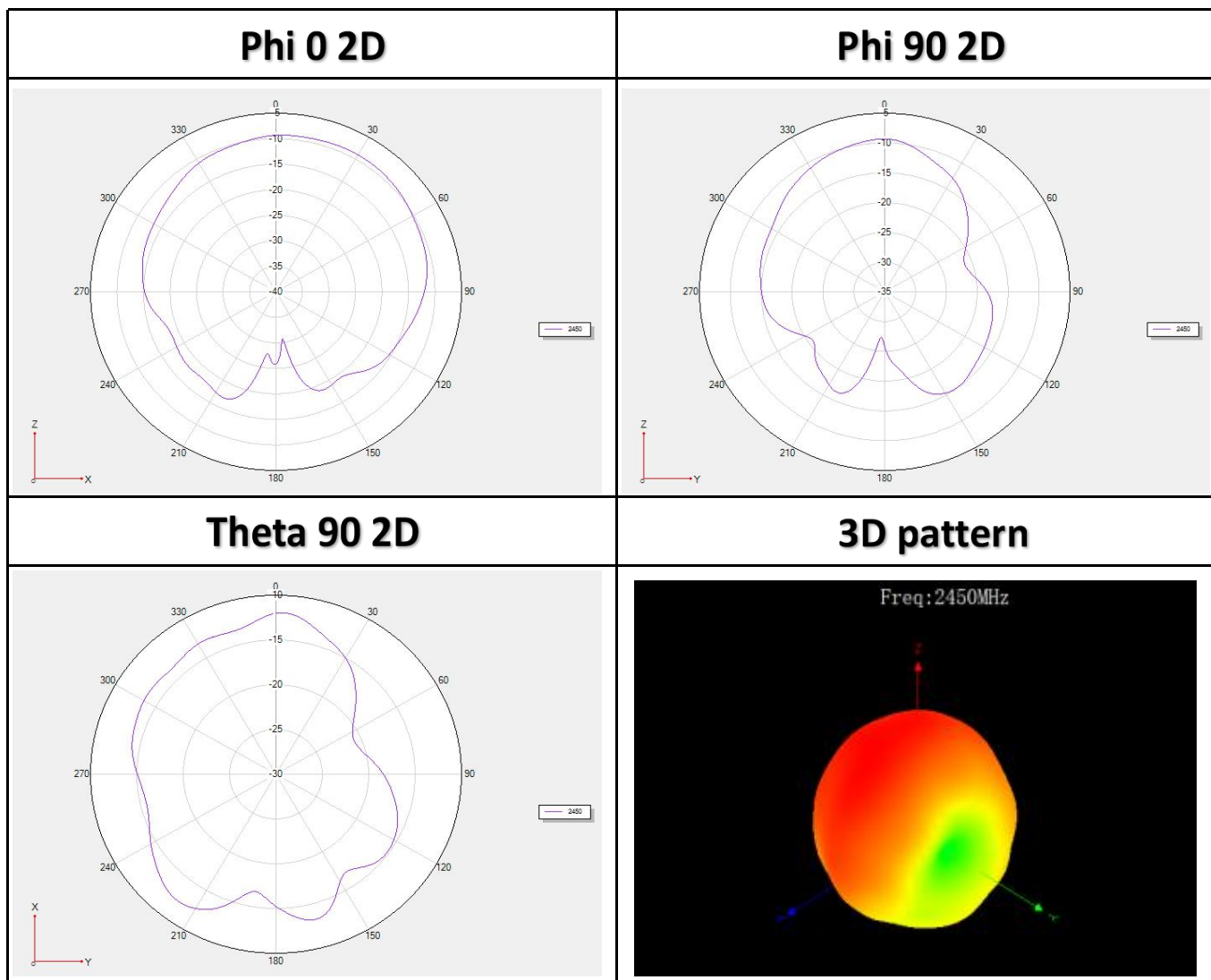
Freq(MHz)	Efficiency (%)	Gain(dBi)
2400	4.28	-8.56
2410	3.95	-8.64
2420	3.81	-8.92
2430	3.96	-8.67
2440	4.31	-8.35
2450	3.77	-9.01
2460	4.13	-8.67
2470	4.19	-8.49
2480	3.77	-9.04
2490	3.81	-8.99
2500	4.00	-8.61



天线辐射方向图

Antenna Radiation Pattern

银色手表



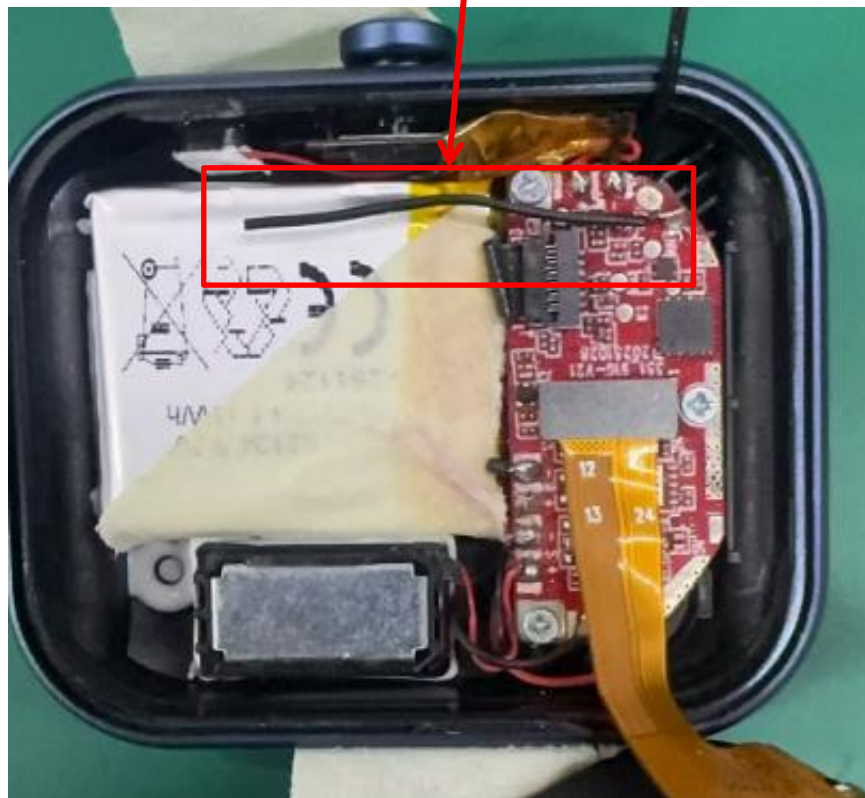


天线安装位置

Passive antenna data

蓝色手表

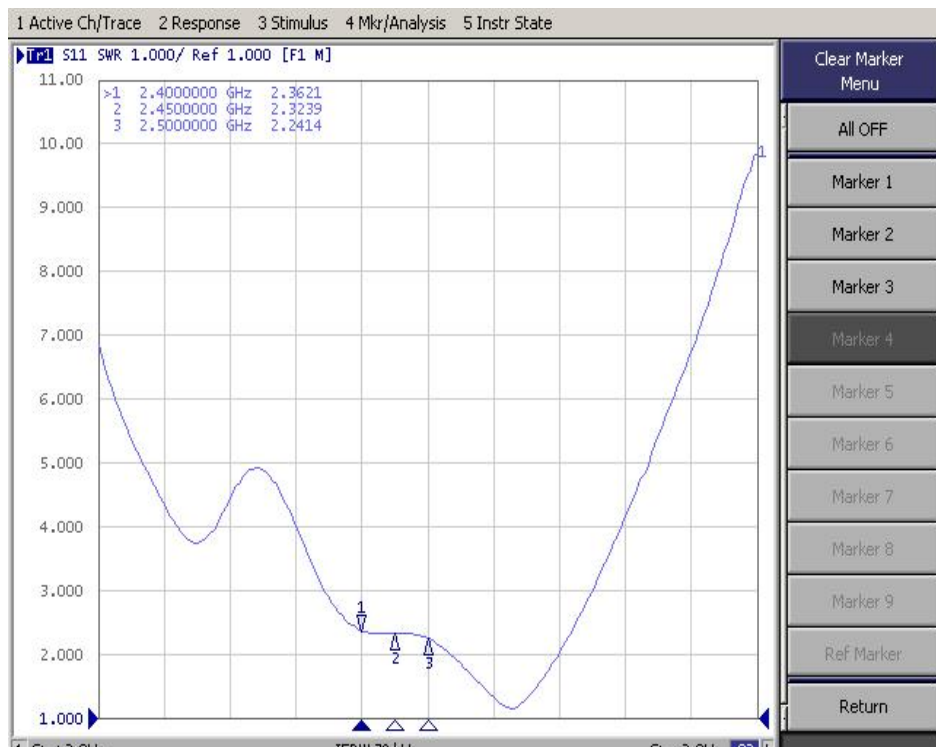
天线装配位置及方式



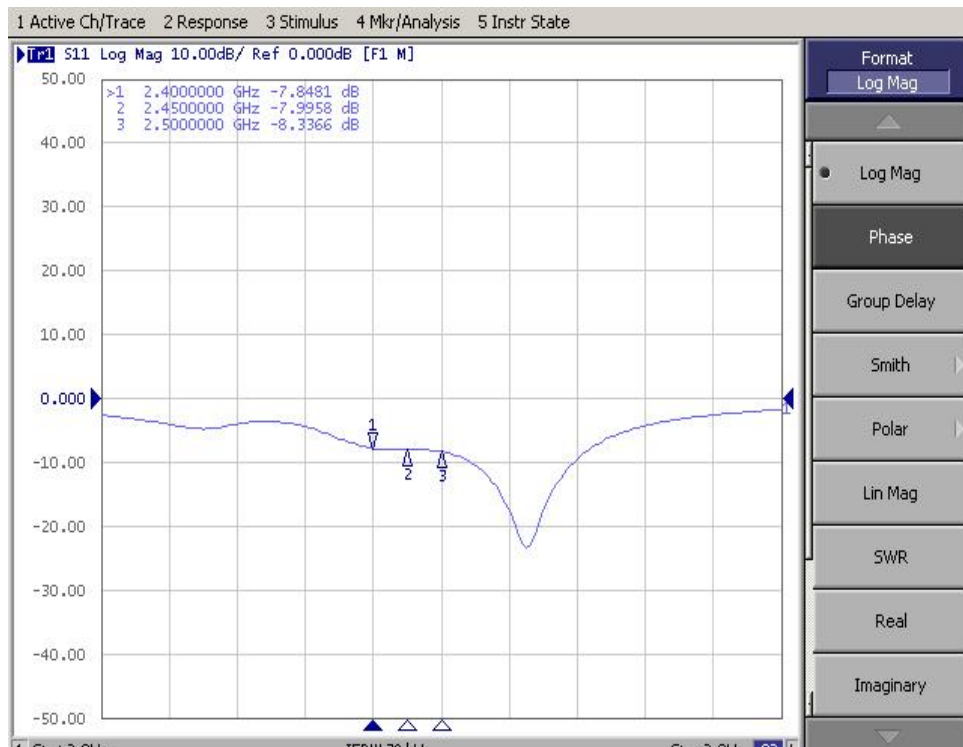


蓝色手表

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

蓝色手表

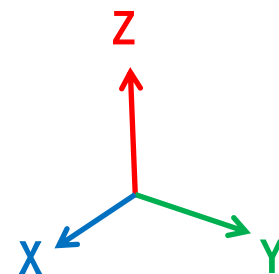
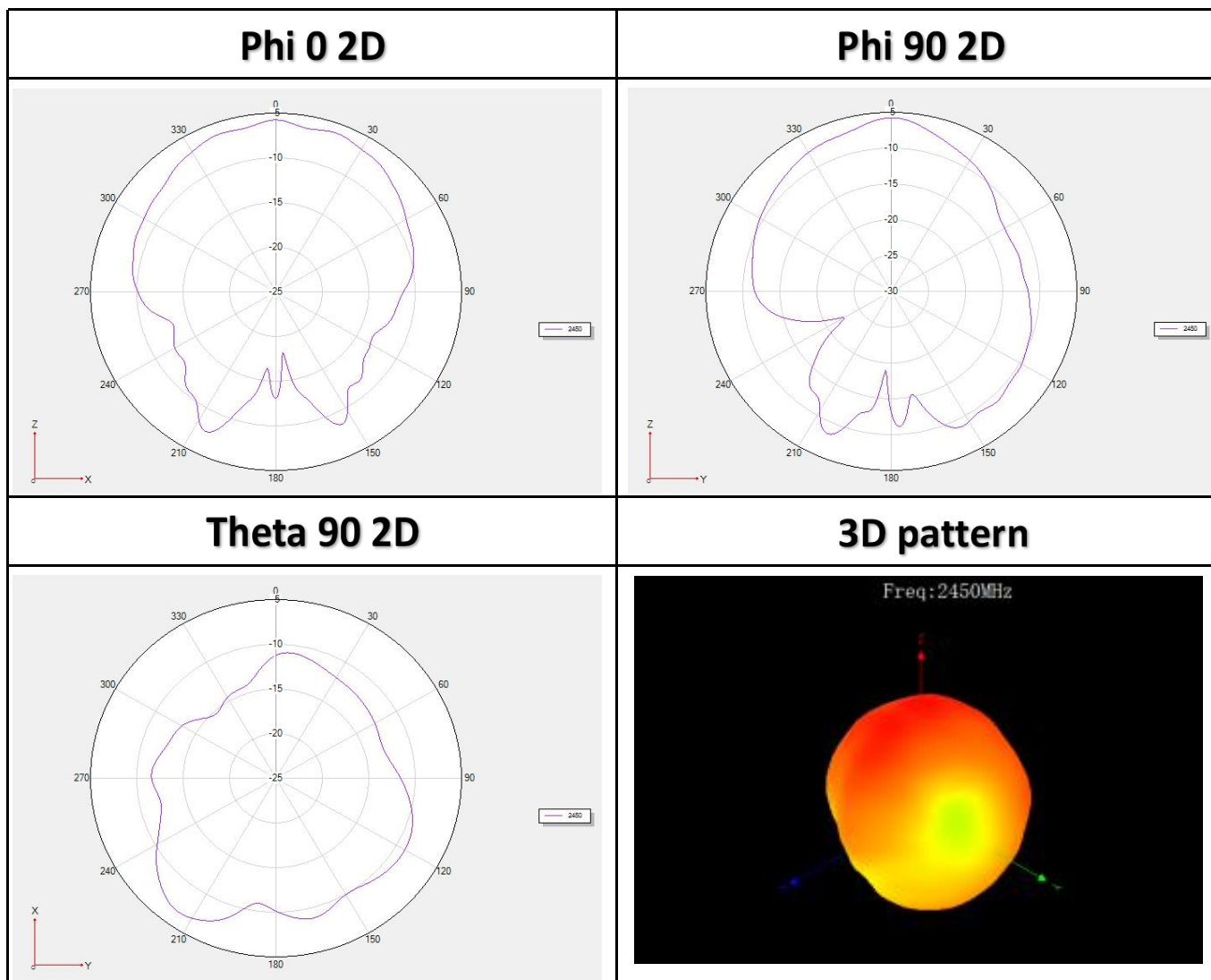
Freq(MHz)	Efficiency (%)	Gain(dBi)
2400	10.84	-5.40
2410	10.28	-5.66
2420	9.91	-5.57
2430	10.57	-5.20
2440	11.25	-5.02
2450	9.98	-5.55
2460	10.76	-5.69
2470	10.94	-5.63
2480	10.14	-6.26
2490	10.16	-6.26
2500	10.69	-5.79



天线辐射方向图

Antenna Radiation Pattern

蓝色手表



Thanks for your support!
感谢您的支持!

深圳市宝安区西乡街道固兴社区盛辉路4号科运达电商基地8楼801室

TEL:(86)755-23035723. FAX:0755-23036702

E-mail:ant001@fmant.cn

Room 801, 8th Floor,Keyunnda E-commerce Base,No. 4 Shenghui Road, Guxing Community,Xixiang Street,Bao'an,District,Shenzhen