

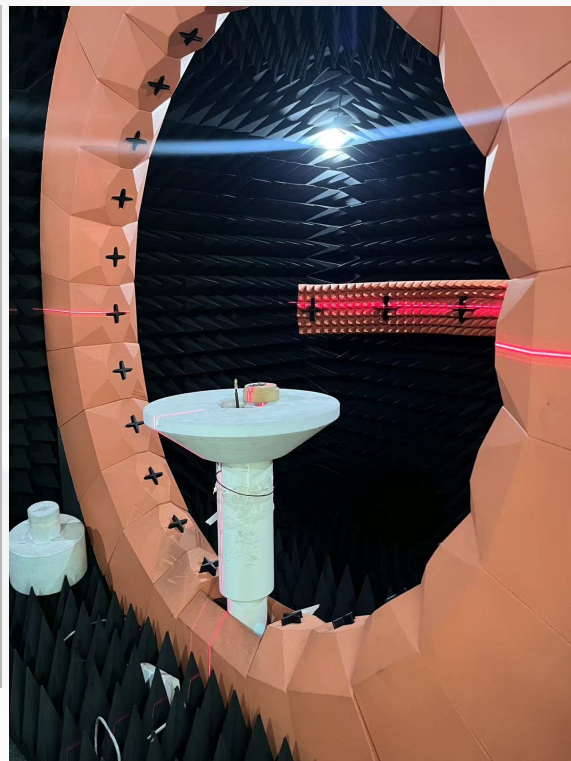
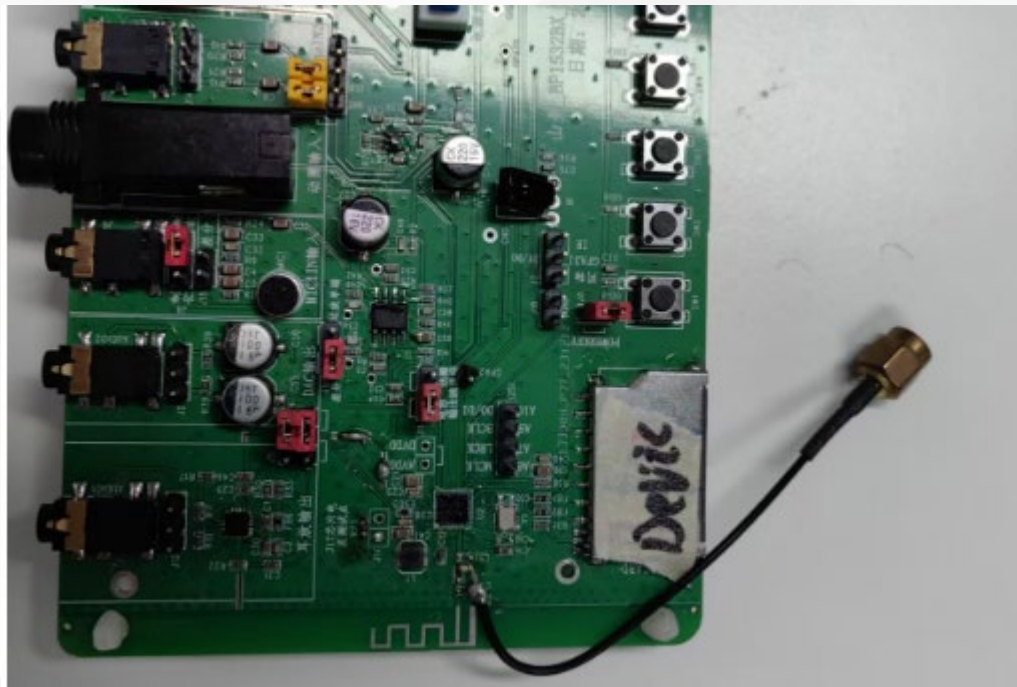
天线测试报告

Test Report

目 录

- 一. 测试样品及环境
- 二. 实验室测试环境及设备
- 三. 主天线匹配电路
- 四. VSWR/LOSS/电压驻波/损失
- 五. Efficiency /效率 Gain/增益
- 六. 2Ddrawing
- 七. 3Ddrawing
- 八. 联系方式

测试样品及环境

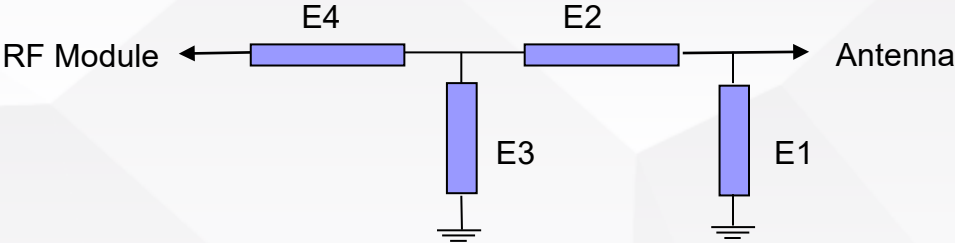


实验室测试环境及设备



测试项目	测试设备
S11、S12、VSWR、LOSS	网络分析仪E5071C、ZVB8
Efficiency、Gain 3D Radiation Pattern	SG24暗室、E5071C
TRP、TIS	SG24暗室、CMW500、ZVB8

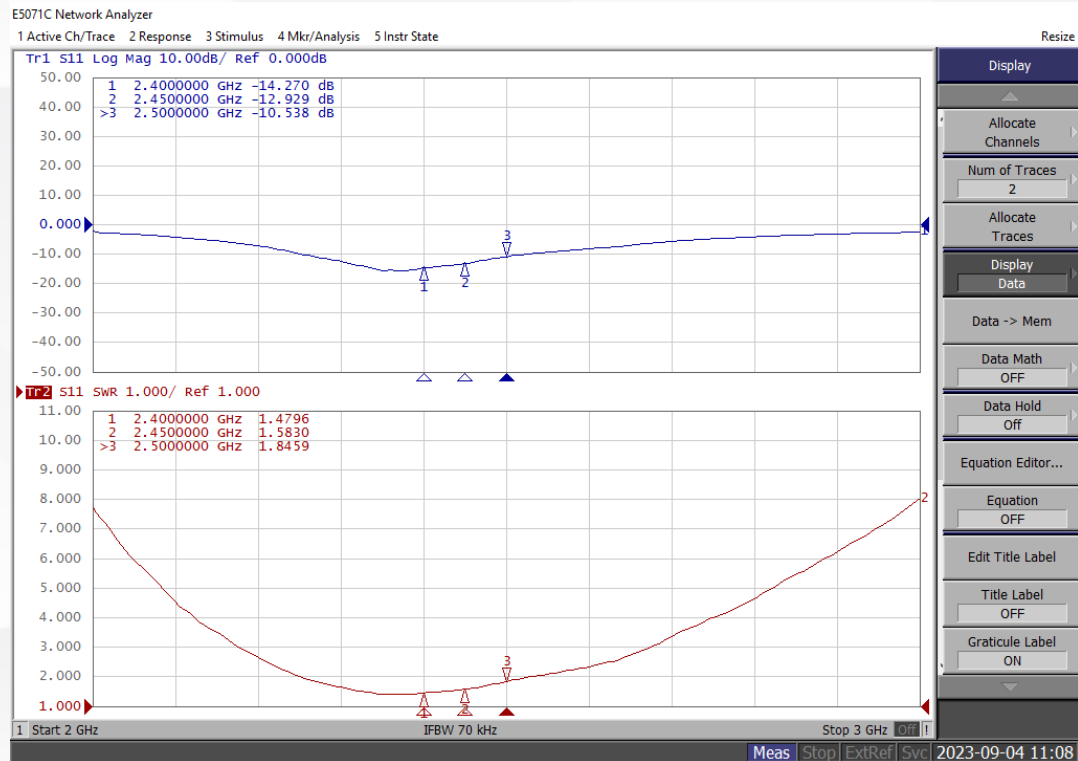
主天线匹配电路



主天线	Element	Value	附图说明
	E1(0402)	、	原匹配电路无修改。
	E2(0402)	、	
	E3(0402)	、	
	E4(0402)	、	

Specification/规范

2.4G-VSWR/LOSS/电压驻波/损失



Specification/规范

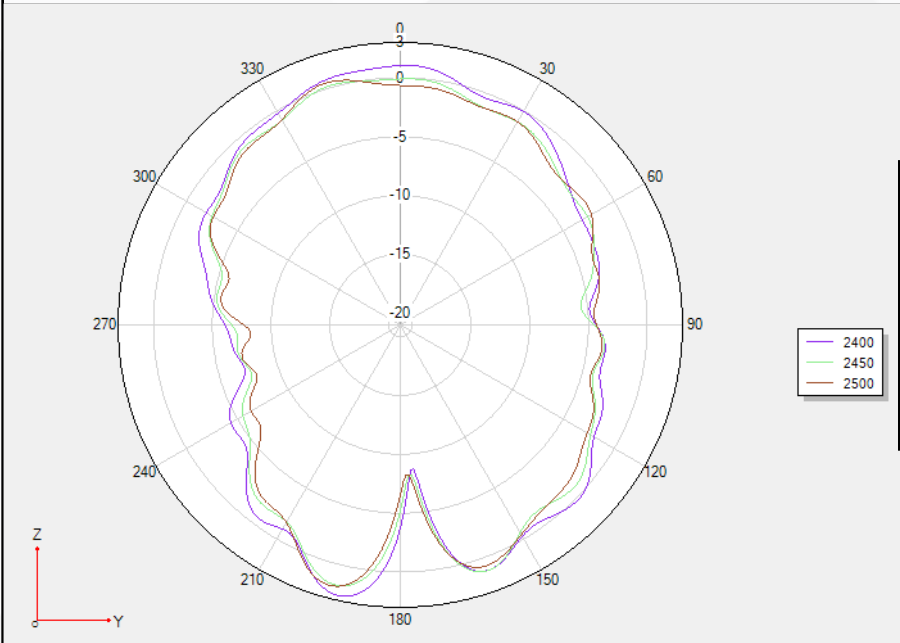
2.4G-Efficiency /效率 Gain/增益

Frequency/Mhz	Efficiency / dB	Efficiency / %
2400	-1.6	69.18
2410	-2.05	62.37
2420	-1.66	68.23
2430	-1.94	63.97
2440	-1.77	66.53
2450	-1.83	65.61
2460	-1.85	65.31
2470	-1.71	67.45
2480	-2.02	62.81
2490	-1.63	68.71
2500	-2.23	59.84

Frequency/MHz	MaxGain/dBi	AvgGain/dBi
2400	2.62	-1.6
2410	1.43	-2.05
2420	2.29	-1.66
2430	1.47	-1.94
2440	2.17	-1.77
2450	1.87	-1.83
2460	2.04	-1.85
2470	2.64	-1.71
2480	2	-2.02
2490	3.17	-1.63
2500	1.95	-2.23

Specification/规范

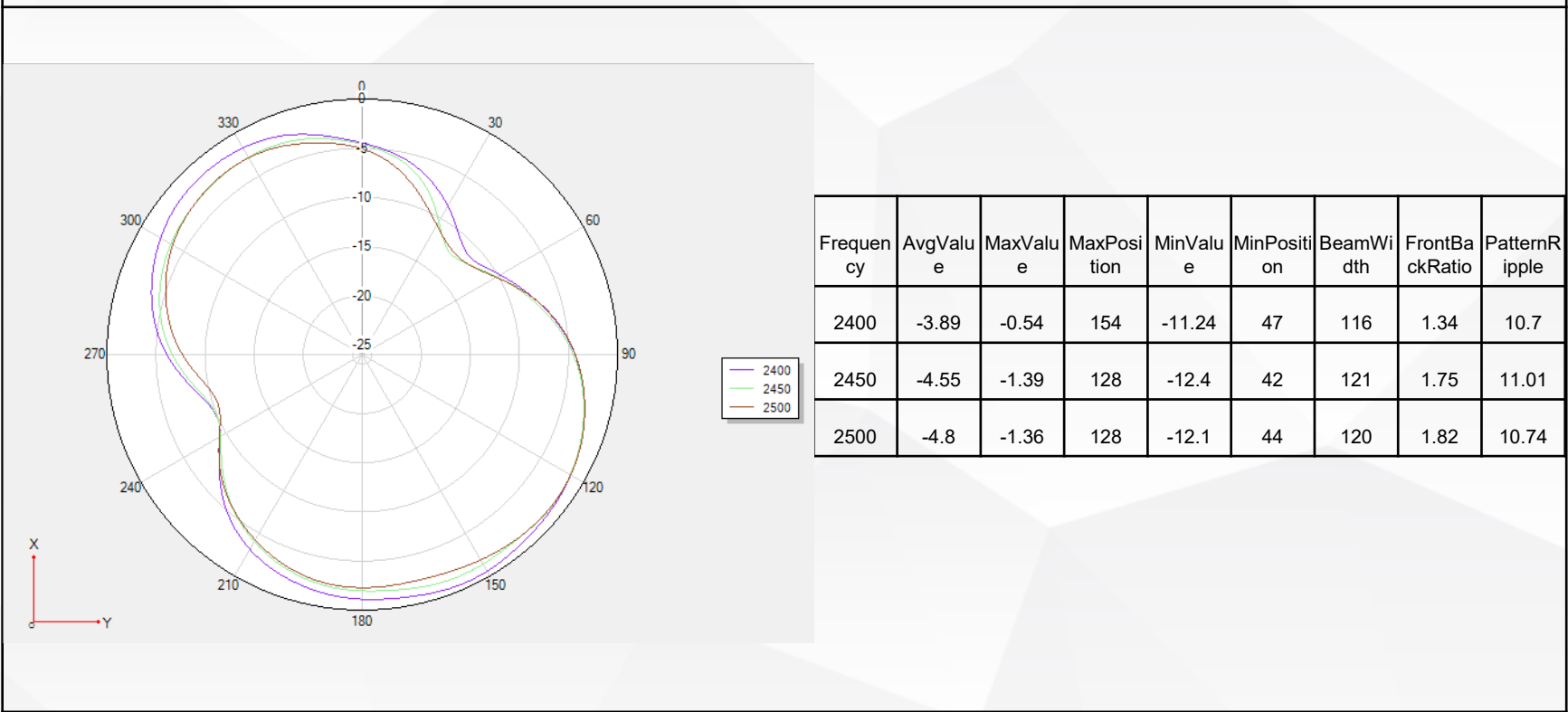
Phi 90 2D图



Frequency	Avg Value	Max Value	Max Position	Min Value	Min Position	Beam Width	Front Back Ratio	Pattern Ripple
2400	-1.61	2.62	-167	-8.7	175	21	2.41	11.32
2450	-2.21	1.8	-166	-8.27	176	22	2.52	10.07
2500	-2.37	1.95	-165	-8.28	178	21	3.02	10.23

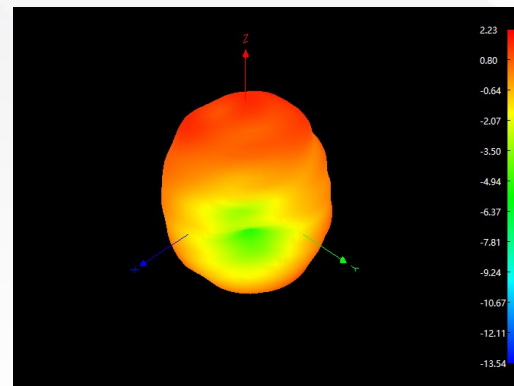
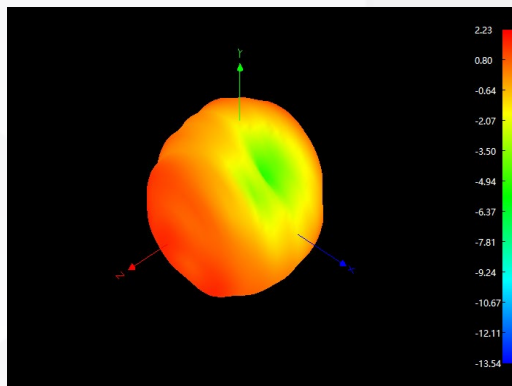
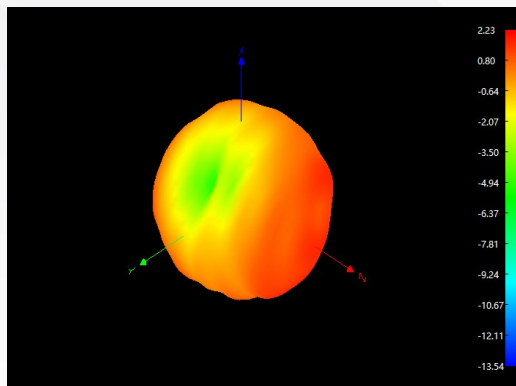
Specification/规范

Theta 90 2D图



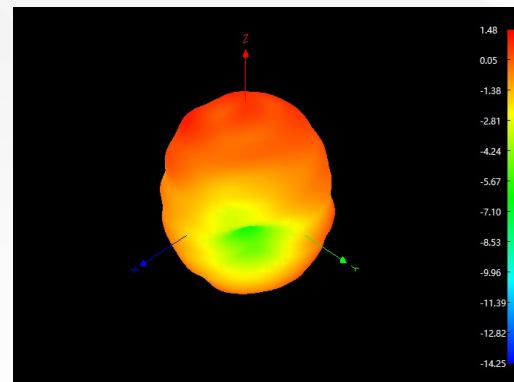
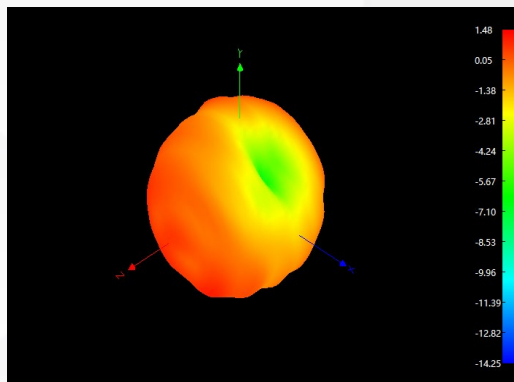
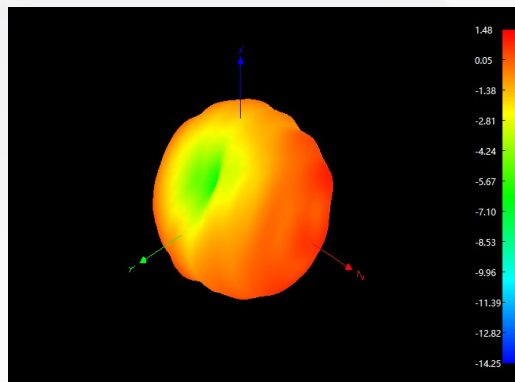
Specification/规范

2.4G-3D drawing



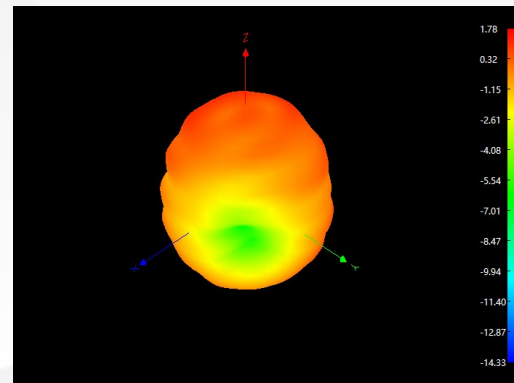
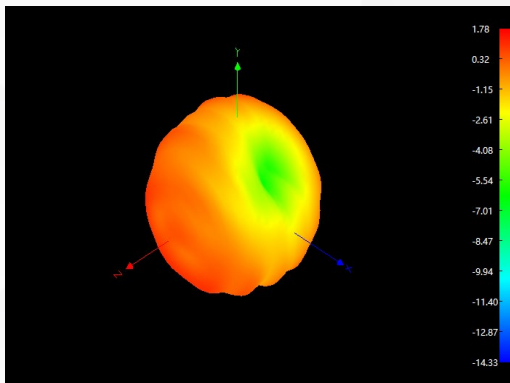
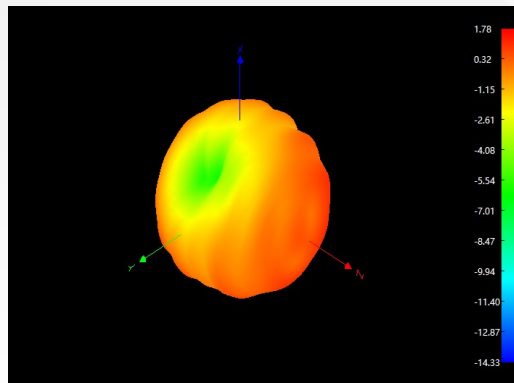
Specification/规范

2.45G-3D drawing



Specification/规范

2.5G-3D drawing



联系方式

联系方式:

射频：俸仕达

电话：17776510678

地址：深圳市宝安区石岩街道创业路宝来大厦A5楼

Address: A5th Floor, Bora Building, Chuangye Road, Shiyan Street,
Bao'an District, Shenzhen

THE END

感谢您的宝贵意见！