



匀格（深圳）通信有限公司

Uniform(Shenzhen) Communication Co. LTD

ADD: 深圳市宝安区西乡龙腾社区双龙 35 栋 509

承认书

客户（Customer）：博迪信息

产品（Product）：2.4G SMA外置天线（内针）

型号（Model）：

料号（Part Number）：

制作人（Written By）：彭翔

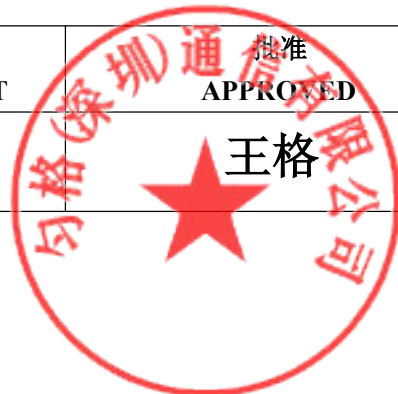
签发时间（Issued Date）：2023-06-08

客户 CUSTOMER

工程部 ENGINEER R&D DEPT	品质部 QUALITY DEPT	批准 APPROVED

Free Walk

射频 R&D DEPT	工程部 ENGINEER R&D DEPT	批准 APPROVED
彭翔	叶林	王格





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目 录

Index

一、 封面 (Cover)	1
二、 目录 (Index)	2
三、 基本参数 (The basic parameters)	3
四、 工程图纸 (Product Drawing)	4
五、 测试设备 (Test Equipment & Conditions)	5
六、 性能测试报告 (Test Report)	6-9
七、 包装方式 (TEE PACKING WAY)	10

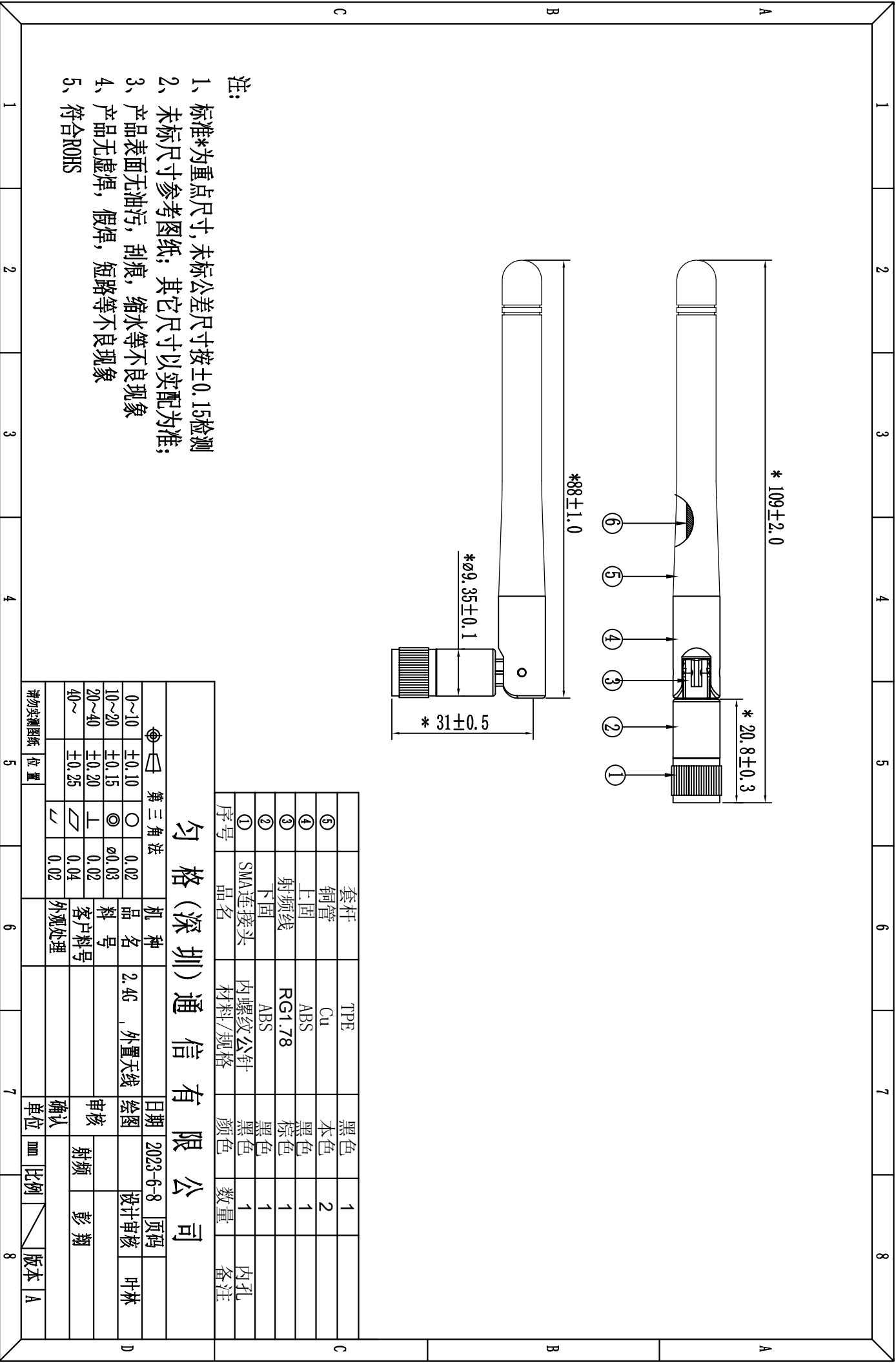


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The basic parameters

A. Electrical Characteristics	
Frequency	2400 MHz ~2500MHz/5150 MHz ~5850MHz
VSWR	≤2
Efficiency	>50%
Impedance	50 Ohm
Polarization	Linear
Gain	2dBi±0.5
B. Material & Mechanical Characteristics	
Material of Radiator	SMA公针(内螺纹内针)
Cable Type	
Connector Type	
Dimension	
C. Environmental	
Operation Temperature	- 20 °C ~ + 60 °C
Storage Temperature	- 40 °C ~ + 80 °C



- 注:
- 1、标准*为重点尺寸,未标公差尺寸按±0.15检测
 - 2、未标尺寸参考图纸;其它尺寸以实配为准;
 - 3、产品表面无油污,刮痕,缩水等不良现象
 - 4、产品无虚焊,假焊,短路等不良现象
 - 5、符合ROHS

Test Equipment & Conditions

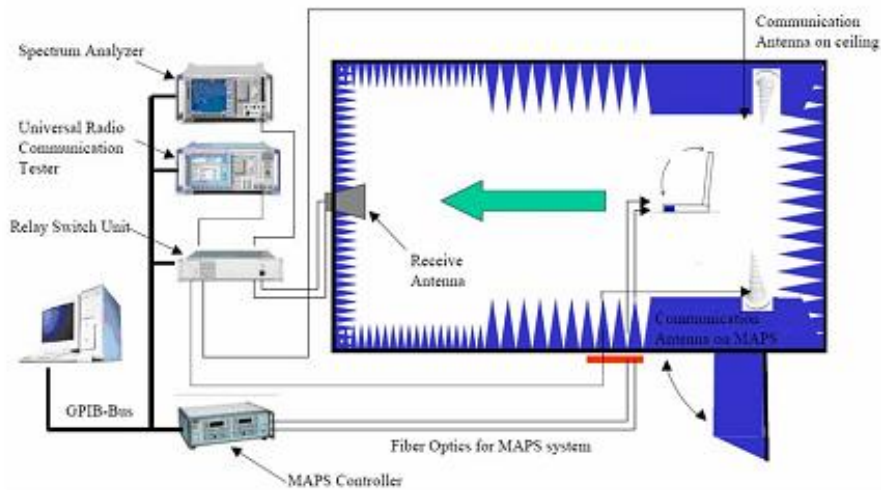
1. Network Analyzers :

Agilent 8753D 5071B

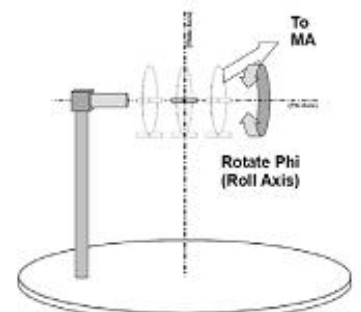
2. Communications Test Set:

Agilent 8960

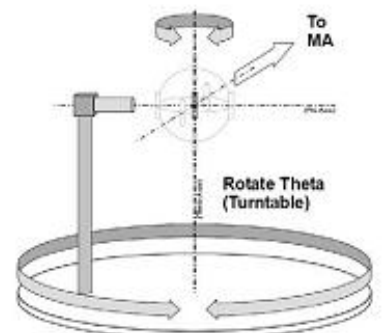
3. 3D Chamber Test System



(Testing by 3D anechoic chamber)



Phi axis test



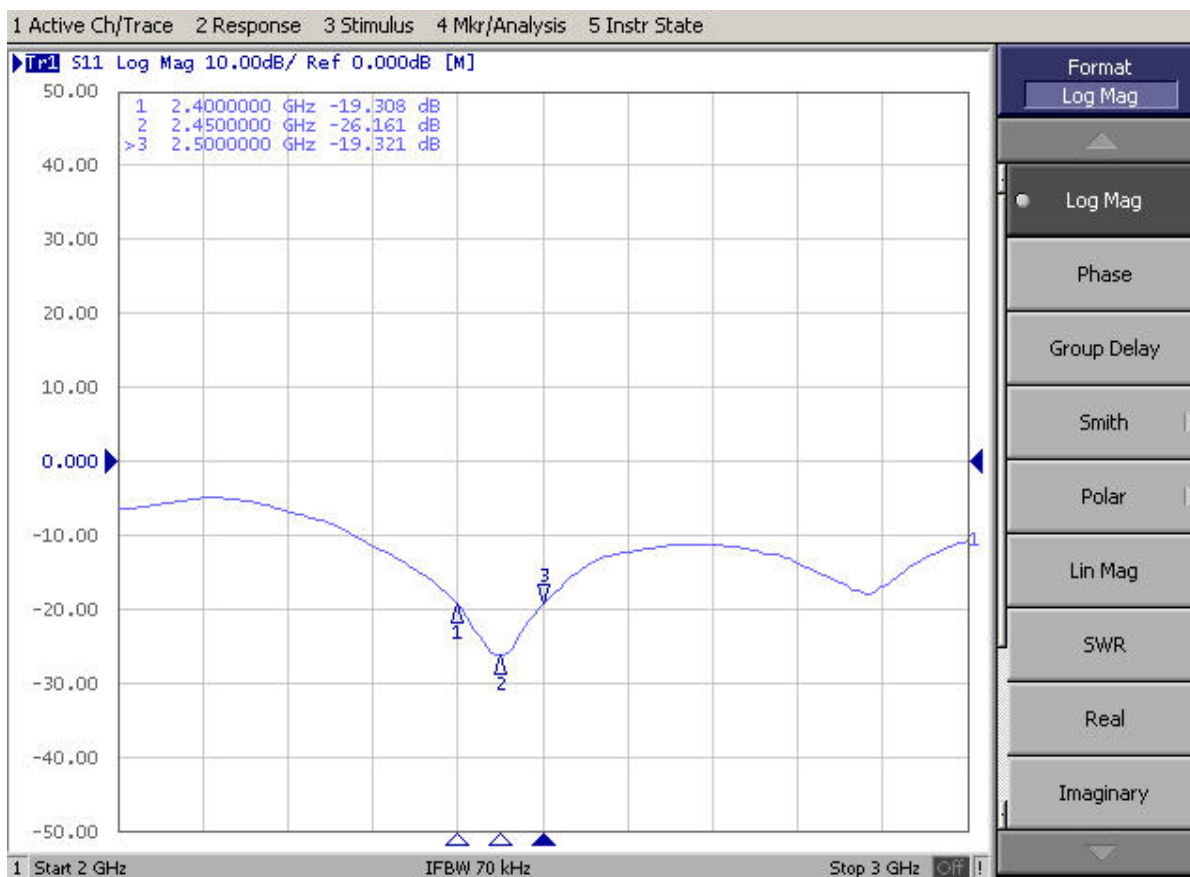
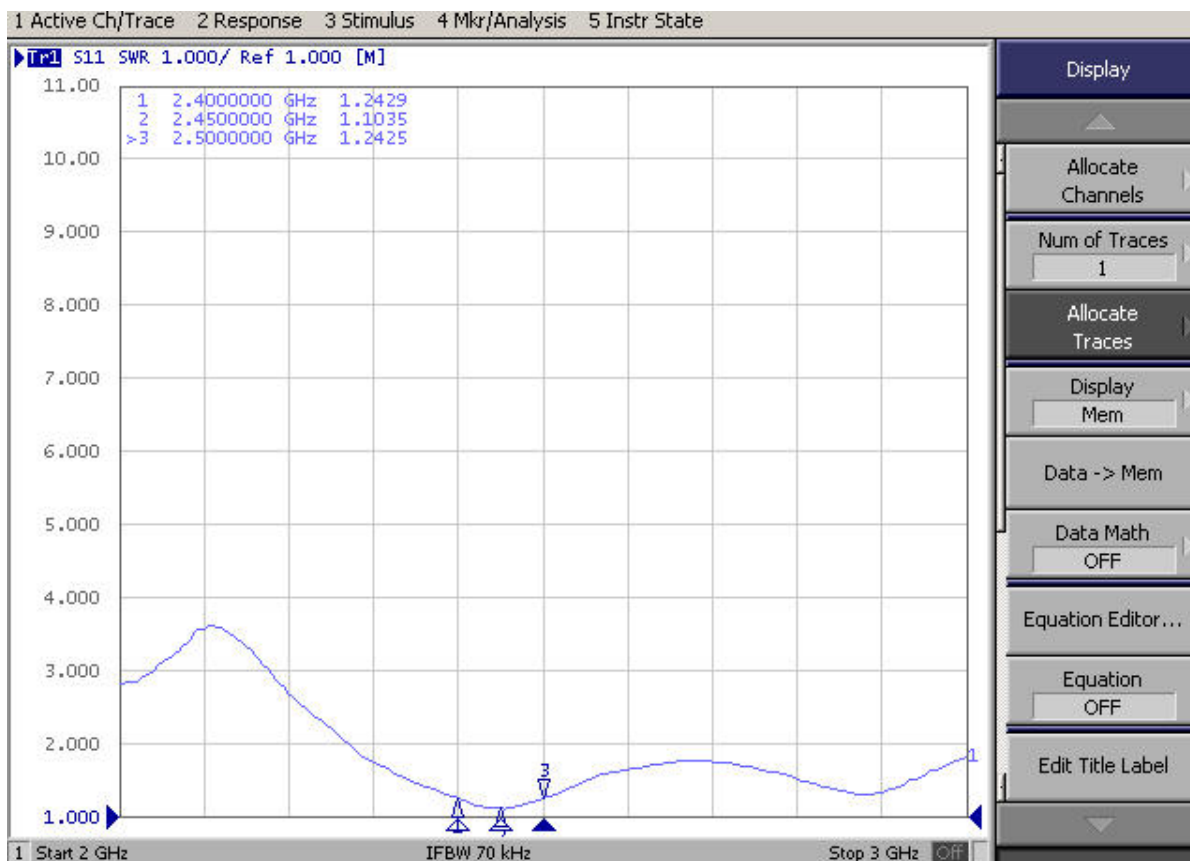
Theta axis test



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测试数据





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效率&增益:

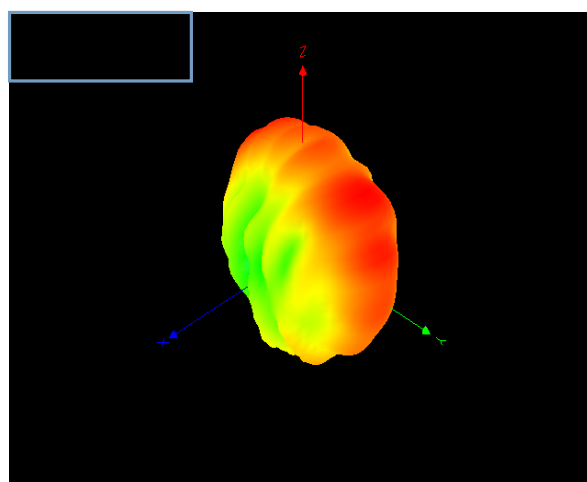
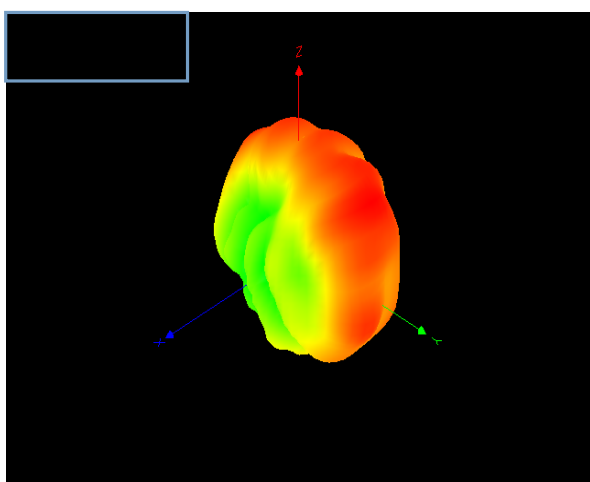
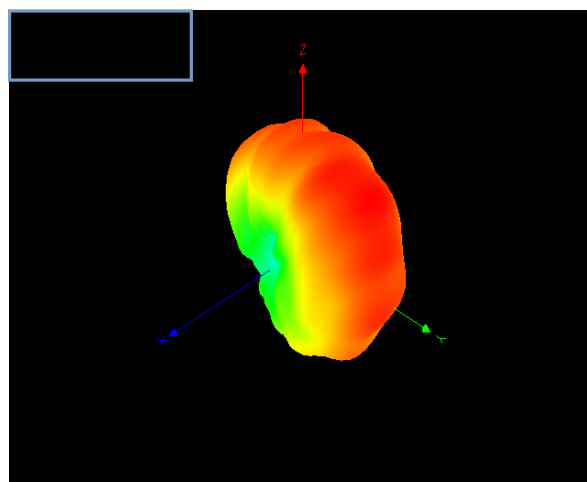
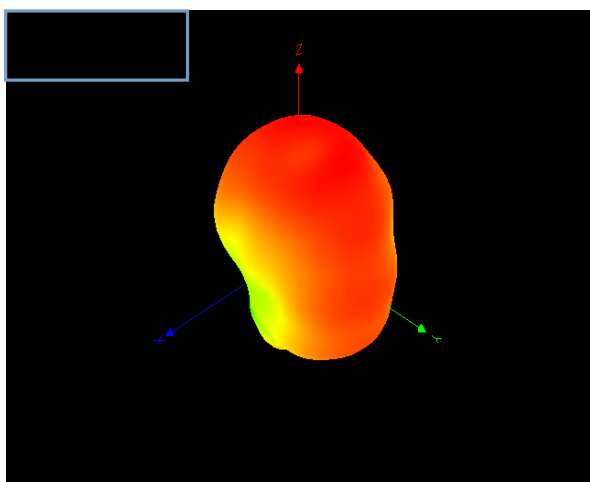
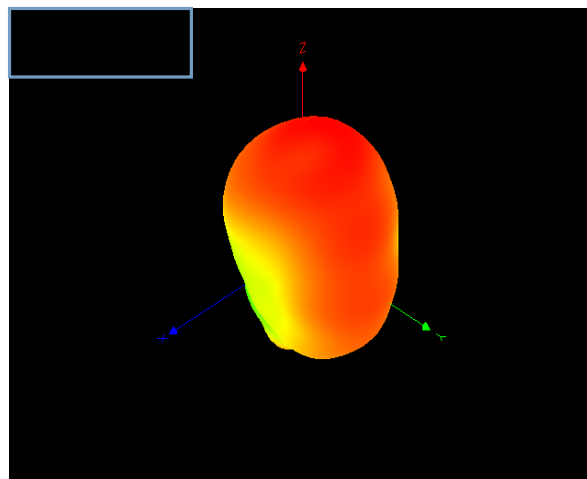
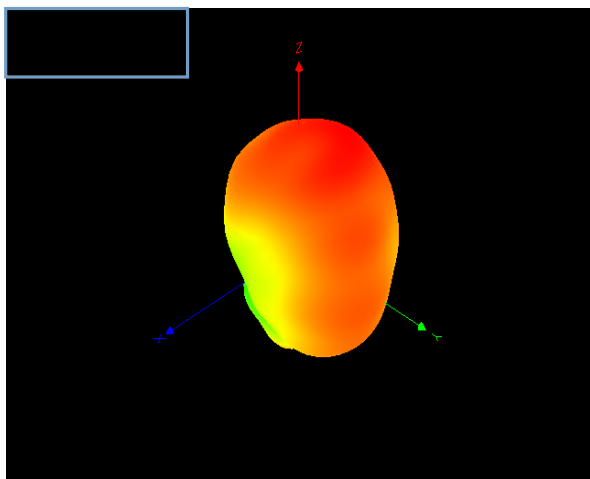
2.4G test data

Freq (MHz)	Effi (%)	Gain (dBi)
2400	56.48	2.26
2410	50.99	2.01
2420	54.82	2.23
2430	52.53	2.35
2440	56.36	2.14
2450	54.23	2.08
2460	58.20	2.29
2470	55.76	2.25
2480	59.08	2.50
2490	58.54	2.28
2500	57.16	2.17

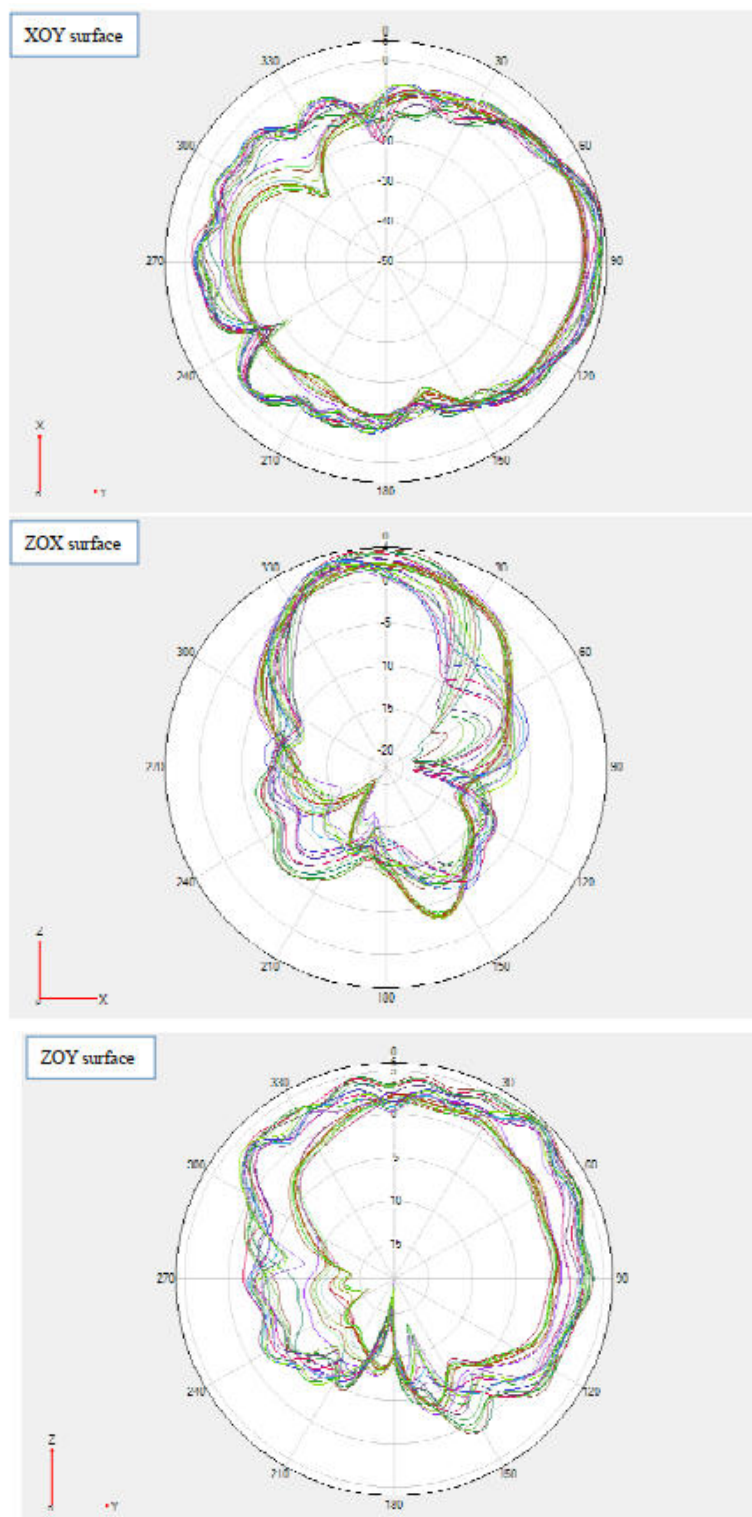


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方向图 (3D)

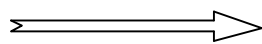


方向图 (2D)
Directional ma (2D)

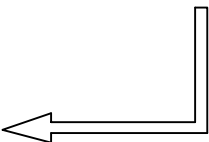
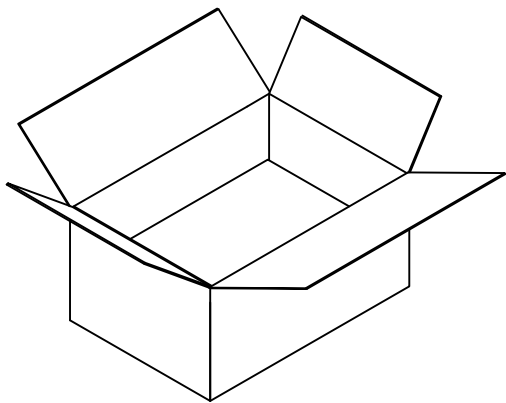
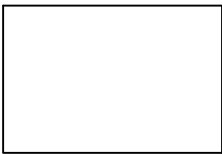


产品包装规范

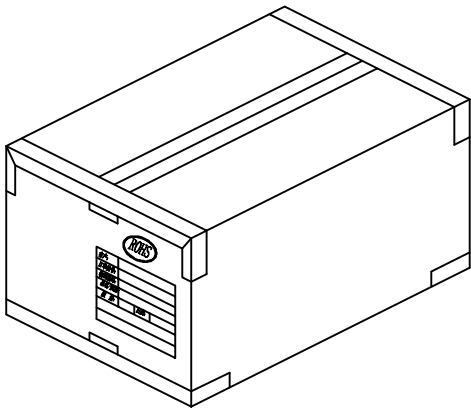
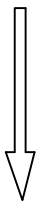
一：成品



二：用PE膜包起来, 数量以 XX PCS整数装, 以实际为准, 贴上标签;



三：将装好的天线放入纸箱中(以实际数量为准)



四：封箱, 外箱贴我司生产标签和 ROHS 标签(最终以实际情况为准!)