



Shenzhen Yingjia Chuang electronic
technology Co., LTD

<http://www.szsyjc.com>

APPROVAL SHEET

承认书

CUSTOMER NAME 客户 名称	Jichen Technology	
CUSTOMER P/N 客户 料号		
PART NAME 品 名	2.4G Metal Antenna	
P/ N 料 号	YJC-6N000-B446	
APPROVAL REV. 版 次	A0	
DELIVERY DATE 送样 日期	2023 年 07 月 13 日	
PREPARED BY 承 办		
CHECKED BY 审 核		
APPROVED BY 核 准		
Customer Approved 客 户 承 认		
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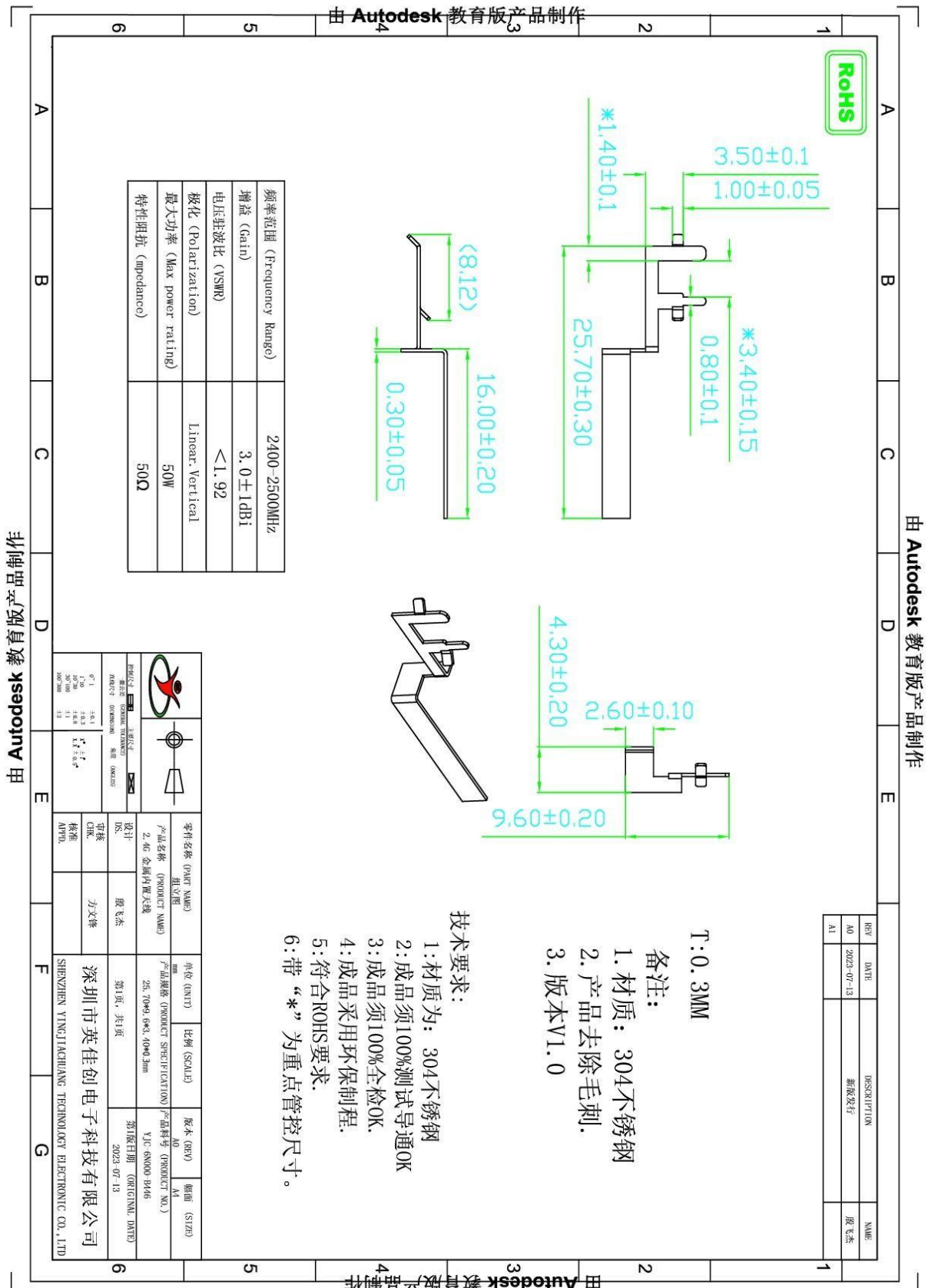
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Antenna plan:



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Antenna technical parameters and environmental testing:

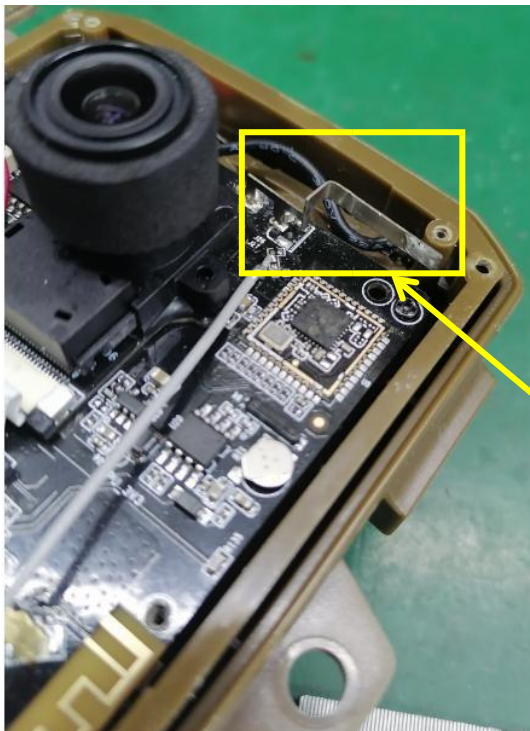
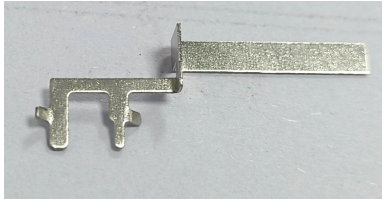


电气技术参数

电 性 能 指 标		Electrical Specifications	
频率范围	2400-2500MHz	Frequency Range	2400-2500MHz
电压驻波比	<1.92	VSWR	<1.92
输入阻抗	50 Ω	Input Impedance	50 Ω
方向	全向	Direction	All
增益	3.82dBi	Gain	3.82dBi
机 械 指 标		Mechanical Specifications	
线材材质	304 不锈钢	Wire material	304 stainless steel
接口形式		Input connector	
工作温度	-20℃~+70℃	Working Temperature	-20℃~+70℃
工作湿度	20~80%	Working Humidity	20~80%

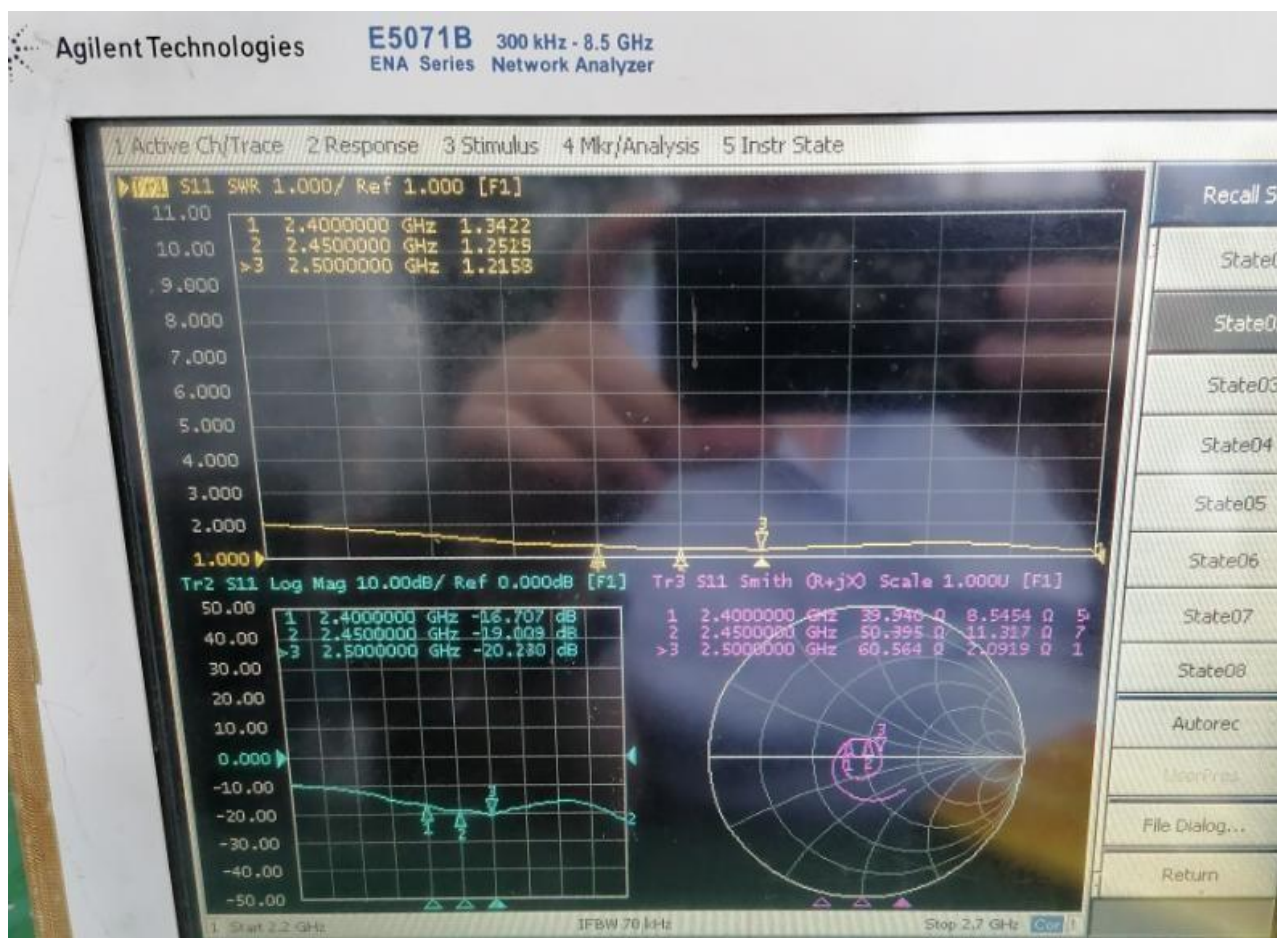


Antenna diagram



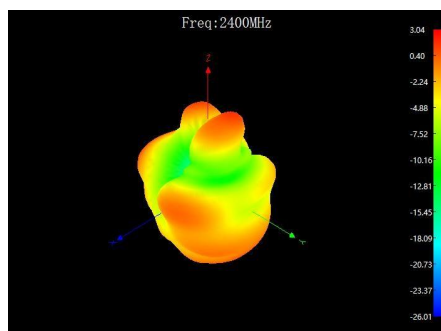
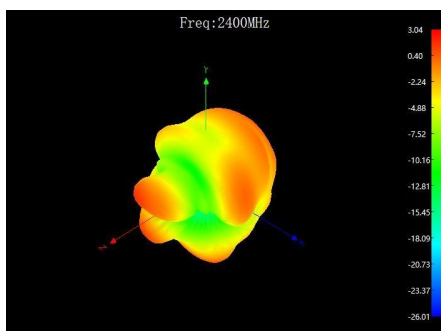
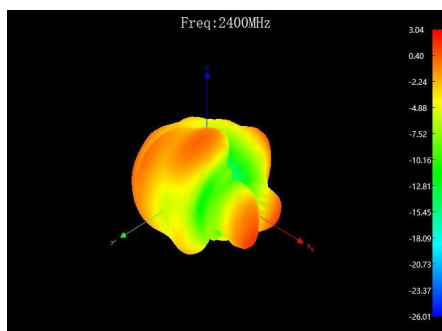
Antenna performance test

diagram:



2D, 3D(2.4G) test data:

Frequency (MHz)	Efficiency (%)	Gain. (dBi)
2400MHz	60.26	3.14
2410MHz	60.81	3.06
2420MHz	61.81	3.22



2430MHz	67.26	3.68
2440MHz	66.93	3.69
2450MHz	68.72	3.82
2460MHz	67.83	3.62

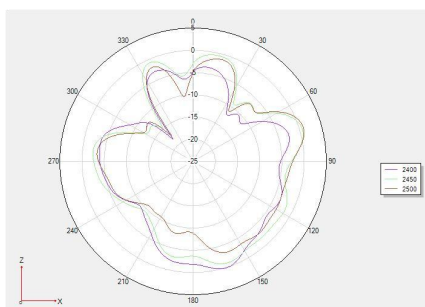


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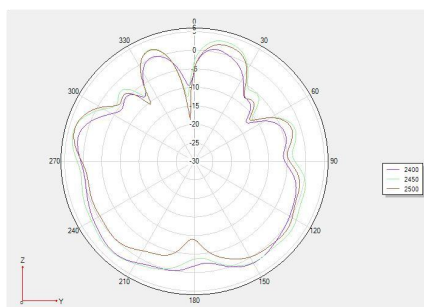
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2470MHz	63.11	3.34
2480MHz	67.11	3.75
2490MHz	62.46	3.24
2500MHz	69.26	3.63

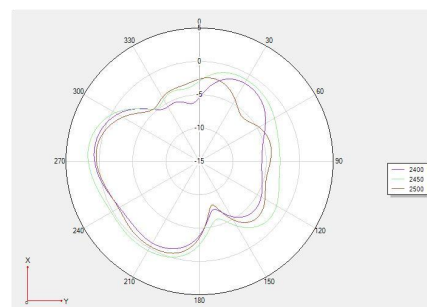
Phi 0 2D 图:



Phi 90 2D 图

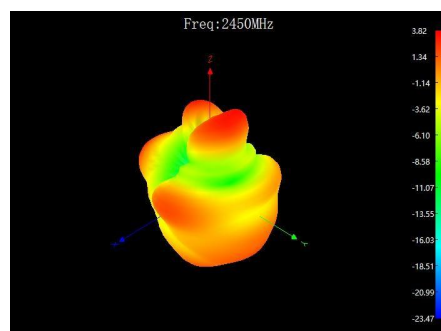
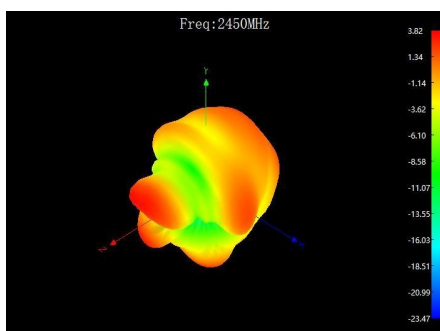
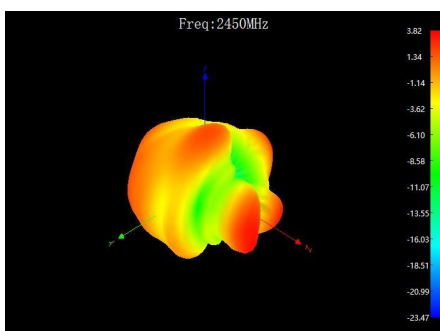


Theta 90 2D 图

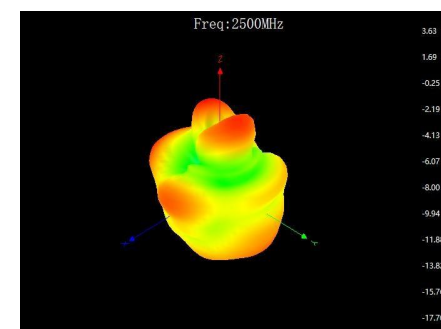
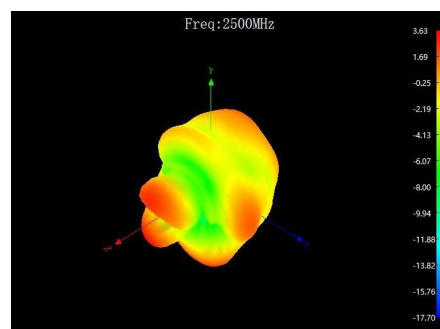
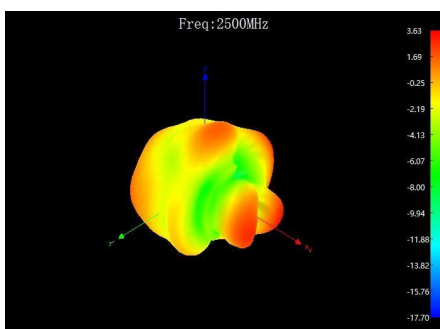


3D 2400:

3D 2450:



3D 2500:





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ROHS 物料控制报告

兹证明向贵司交货的零组件、辅助材料所使用的原材料、以及生产工程中的添加剂等均符合 RoHS 限制使用有害物质指令的环保要求 (RoHS 指令 2011/65/EC)

关于零组件、辅助材料所使用的原材料、包装材料以及和产过程中使用的添加剂等的构成成份报告如下:

组成物料名称 Component /Part Name	组成材料 Material Composition	ICP 报告编号 ICP report #	测试机构 Test Org.	测试时间 Test Date	有 害 物 质 含 量(ppm)						是否合格? PASS?
					Cd	Pb	Hg	Cr ₆₊	PBB	PBDE	PASS
铜件	304 不锈钢	A2230142930101003	SGS	23/04/06	ND	ND	ND	ND	ND	ND	PASS