



深圳市英佳创电子科技有限公司

Shenzhen Yingjichuang Electronic Technology Co., Ltd.

<http://www.szsyjc.com>

APPROVAL SHEET

承认书

CUSTOMER NAME 客户名称		
CUSTOMER P/N 客户料号		
PART NAME 品 名	2.4G/5G 米黄色一体天线 L=90mm 2.4G/5G Beige Integrated Antenna, Length L = 90mm	
P/ N 料 号	YJC-6C090-C02	
APPROVAL REV. 版 次	A0	
DELIVERY DATE 送样日期	2026 年 03 月 20 日 March 20th, 2026	
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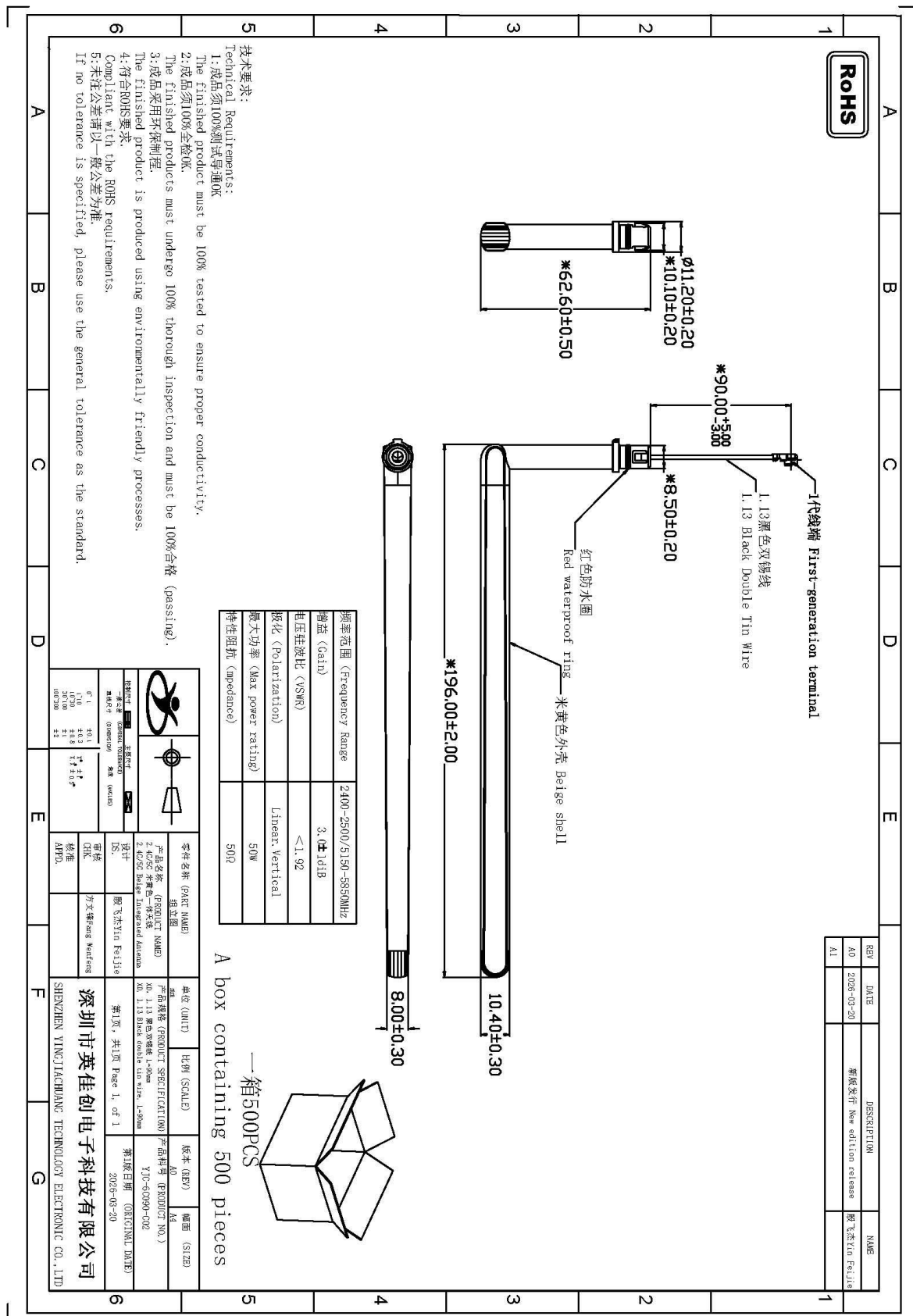
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履历表 Curriculum Vitae:

版本 Version	变更内容及更改原因 Change content and reasons for the change	日期 Date	发行 Release
A/0	初版发行 First edition release	2026 年 03 月 14 日 March 14th, 2026	



天线平面图 Antenna plan view:





天线技术参数及环境测试 Antenna technical parameters and environmental testing:

电气技术参数 Electrical technical parameters			
Electrical Specifications		Mechanical Specifications	
Frequency Range	2400-2500/5150-5850MHz	Antenna Color	Beige
VSWR	<1.92	Input connector	XD
Input Impedance	50 Ω	Cable length	90mm
Direction	All	Working Temperature	-20℃~+70℃
Gain	3.0±1dBi	Working Humidity	20%~80%

环境性能测试 Environmental performance test:

项目 Project	测试条件 Test conditions	规格 Specification
储存环境 Storage environment	在没有指定的情况下测试温度、湿度、气压如下： 1. 温度为-20℃~+70℃ 2. 相对湿度为45%-85% 3. 气压为86kpa-106kpa Without any specific instructions, the following test conditions for temperature, humidity and air pressure are as follows: 1. Temperature range: -20℃ to +70℃ 2. Relative humidity range: 45% to 85% 3. Air pressure range: 86kpa to 106kpa	电气机械性能正常 Electrical and mechanical performance is normal.
低温储存试验 Low-temperature storage test	温度: -30℃±2℃、储存时间: 48h Temperature: -30℃ ± 2℃, Storage time: 48 hours	电气机械性能正常 Electrical and mechanical performance is normal.
高温储存试验 High-temperature storage test	温度: +80℃±2℃、储存时间: 48h Temperature: +80℃ ± 2℃, Storage time: 48 hours	电气机械性能正常 Electrical and mechanical performance is normal.
模拟运输振动试验 Simulated transportation vibration test	试验速度: 150RPM; 试验时间: 95分钟; Test speed: 150 RPM; Test duration: 95 minutes;	电气机械性能正常 Electrical and mechanical performance is normal.
跌落试验 Drop test	1M高空按照互相垂直的轴方向自由跌落3次 1M height: freely fall 3 times in the direction of mutually perpendicular axes	电气机械性能正常 Electrical and mechanical performance is normal.

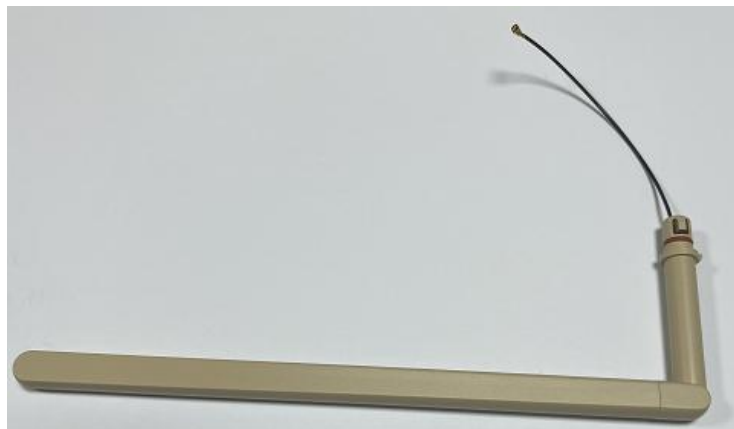


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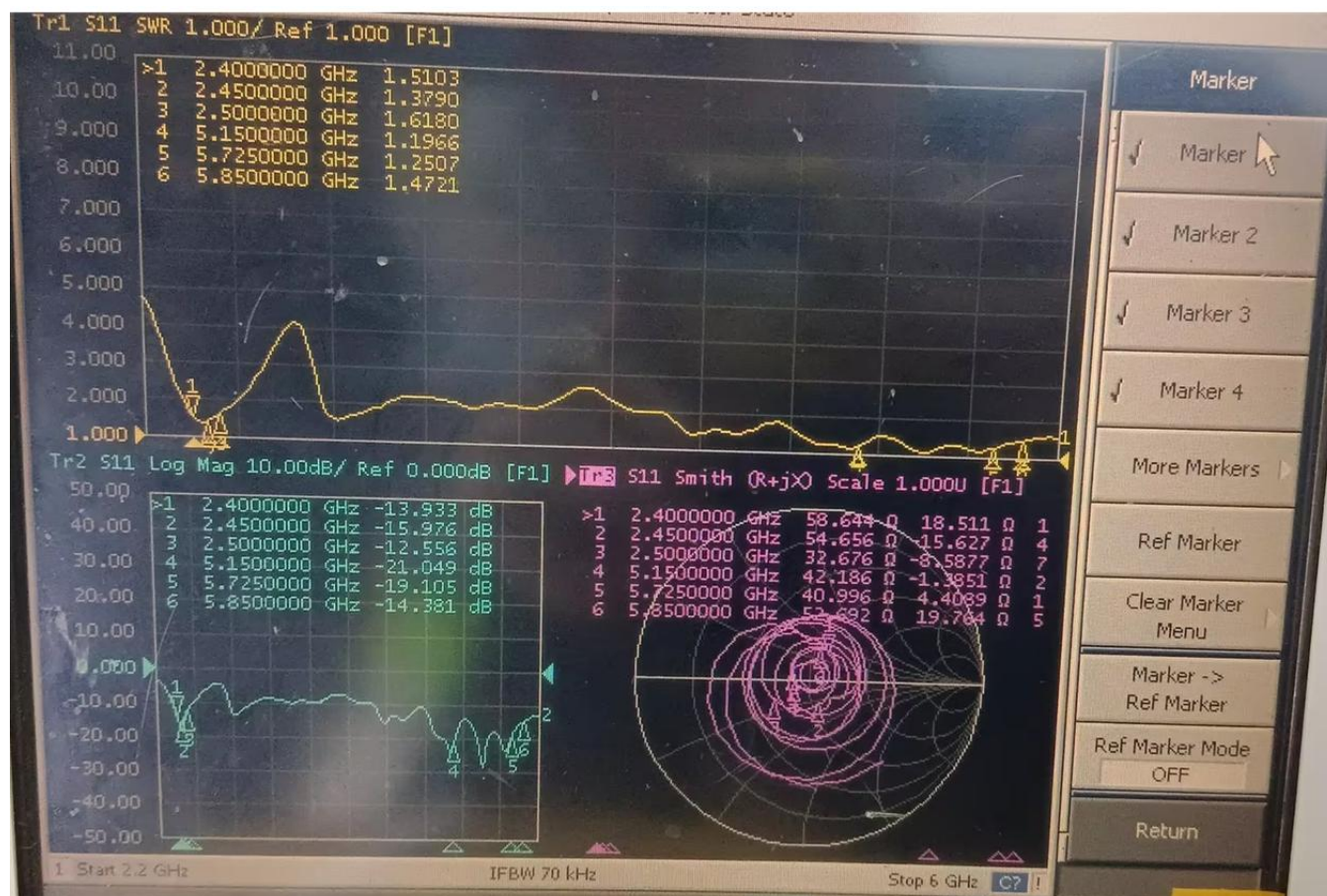
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天线实物图 Antenna physical diagram:



天线性能测试图 Antenna performance test chart:

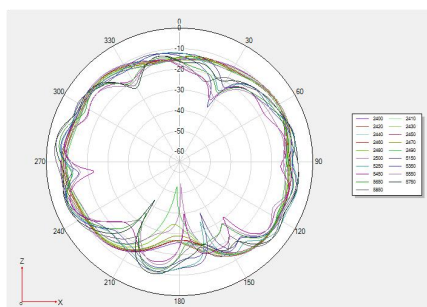




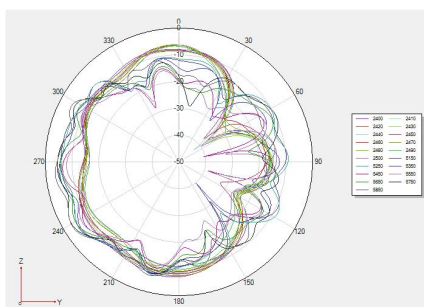
2D、3D(2.4G/5G)测试数据 2D and 3D (2.4G/5G) test data:

Frequency (MHz)	Efficiency (%)	Gain. (dBi)
2400	68.87	2.57
2410	68.08	2.63
2420	67.92	2.58
2430	62.09	2.83
2440	62.95	2.06
2450	61.24	2.09
2460	66.56	3.28
2470	63.96	3.02
2480	66.43	3.59
2490	67.61	3.13
2500	62.28	3.34
5150	52	2.27
5250	53.95	3.38
5350	59.16	3.81
5450	60.95	3.6
5550	57.68	2.76
5650	60.81	3.3
5750	65.61	3.82
5850	66.83	3.42

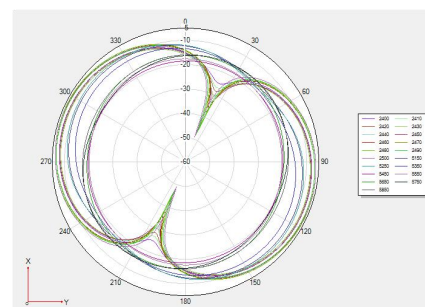
Phi 0 2D:



Phi 90 2D

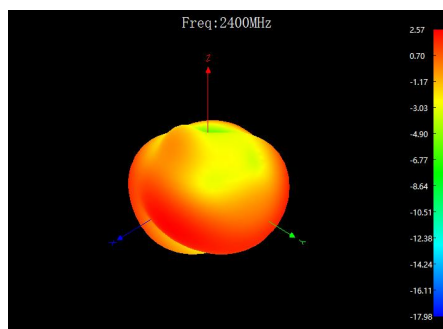


Theta 90 2D

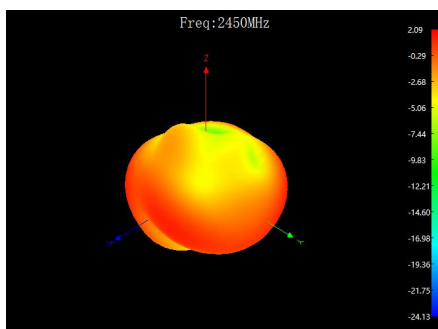




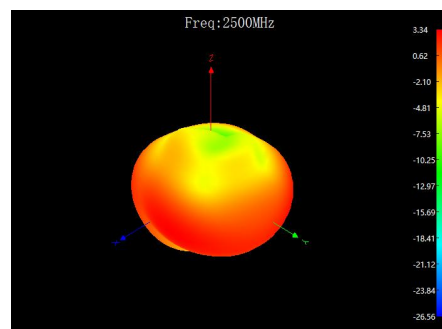
3D 2400



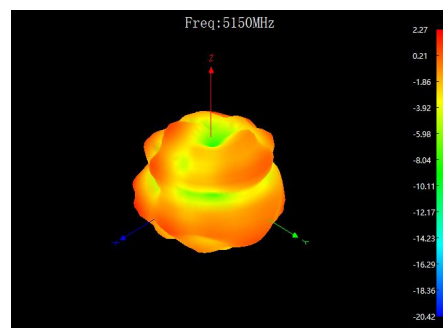
3D 2450



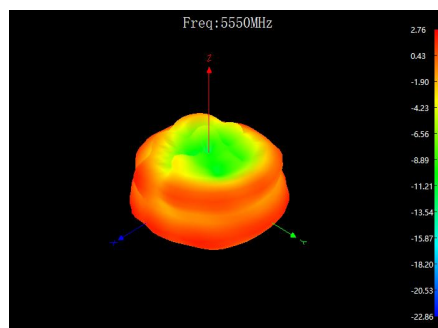
3D 2500



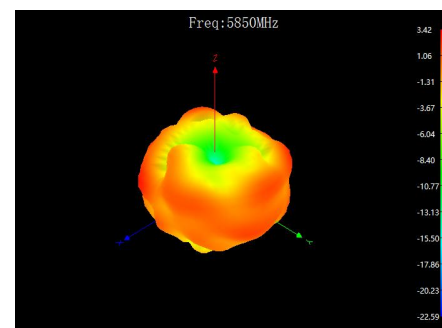
3D 5150



3D 5550



3D 5850





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ROHS 物料控制报告 ROHS Material Control Report

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) This is to certify that the raw materials used for the components and auxiliary materials delivered to your company, as well as the additives used in the production process, all comply with the environmental protection requirements of the Restriction of Hazardous Substances Directive (RoHS Directive 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: The composition of the raw materials, packaging materials used for components and auxiliary materials, as well as the additives used in the production process, is as follows:

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
PCB	PCB	CANPC25021701016	SGS	25/09/11	ND	14	ND	ND	ND	ND	PASS
环保锡丝 Environmental-friendly tin wire	环保锡丝 Environmental-friendly tin wire	SHAEC25010833002	SGS	25/05/15	ND	63	ND	ND	ND	ND	PASS
线材 Wire material	同轴线缆 Coaxial cable	CANEC25018034403	SGS	25/07/30	ND	ND	ND	ND	ND	ND	PASS
端子 Terminal	磷青铜 Phosphor bronze	CANEC25027363005	SGS	25/11/13	ND	4	ND	ND	ND	ND	PASS
	金镀层 Gold coating	A2250437743101001E	CTI	25/06/27	ND	ND	ND	ND	ND	ND	PASS



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	胶芯 O-ring	48279652A4001	CTI	25/07/25	ND	ND	ND	ND	ND	ND	PASS
硅胶圈 Silicone ring	硅橡胶 Silicone rubber	CANEC25032661502	SGS	26/01/08	ND	ND	ND	ND	ND	ND	PASS
弹簧 Spring	铜 Copper	CANEC25022617204	SGS	25/09/17	ND	9	ND	ND	ND	ND	PASS