



深圳市英佳创电子科技有限公司

<http://www.szsyjc.com>

APPROVAL SHEET

承 认 书

CUSTOMER NAME 客户名称		
CUSTOMER P/N 客户料号	360100547	
PART NAME 品 名	ANTO 黑色内置天线 (L=95mm) ANTO built-in antenna (L=95mm)	
P/ N 料 号	YJC-6N095-B55	
APPROVAL REV. 版 次	A0	
DELIVERY DATE 送样日期	2025 年 11 月 28 日 November 28, 2025	
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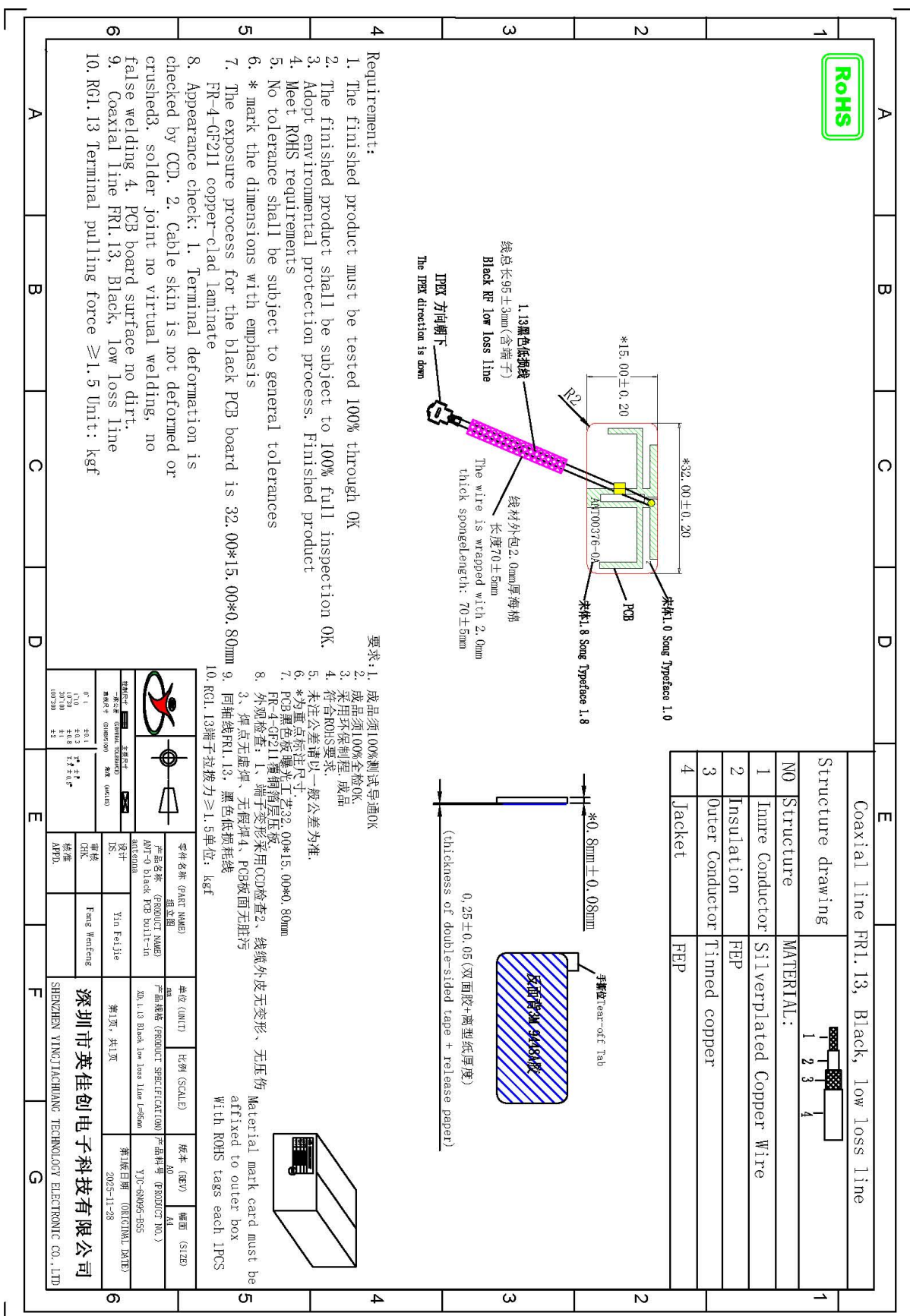


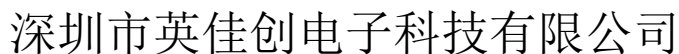
履历表(Resumer):

版本 Version	变更内容及更改原因 Changes and reasons	发行 publish	发行 publish
A/0	初版发行 (Issued)	2025 年 11 月 28 日 (November 28, 2025)	

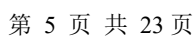


产品平面图 (Product plan):



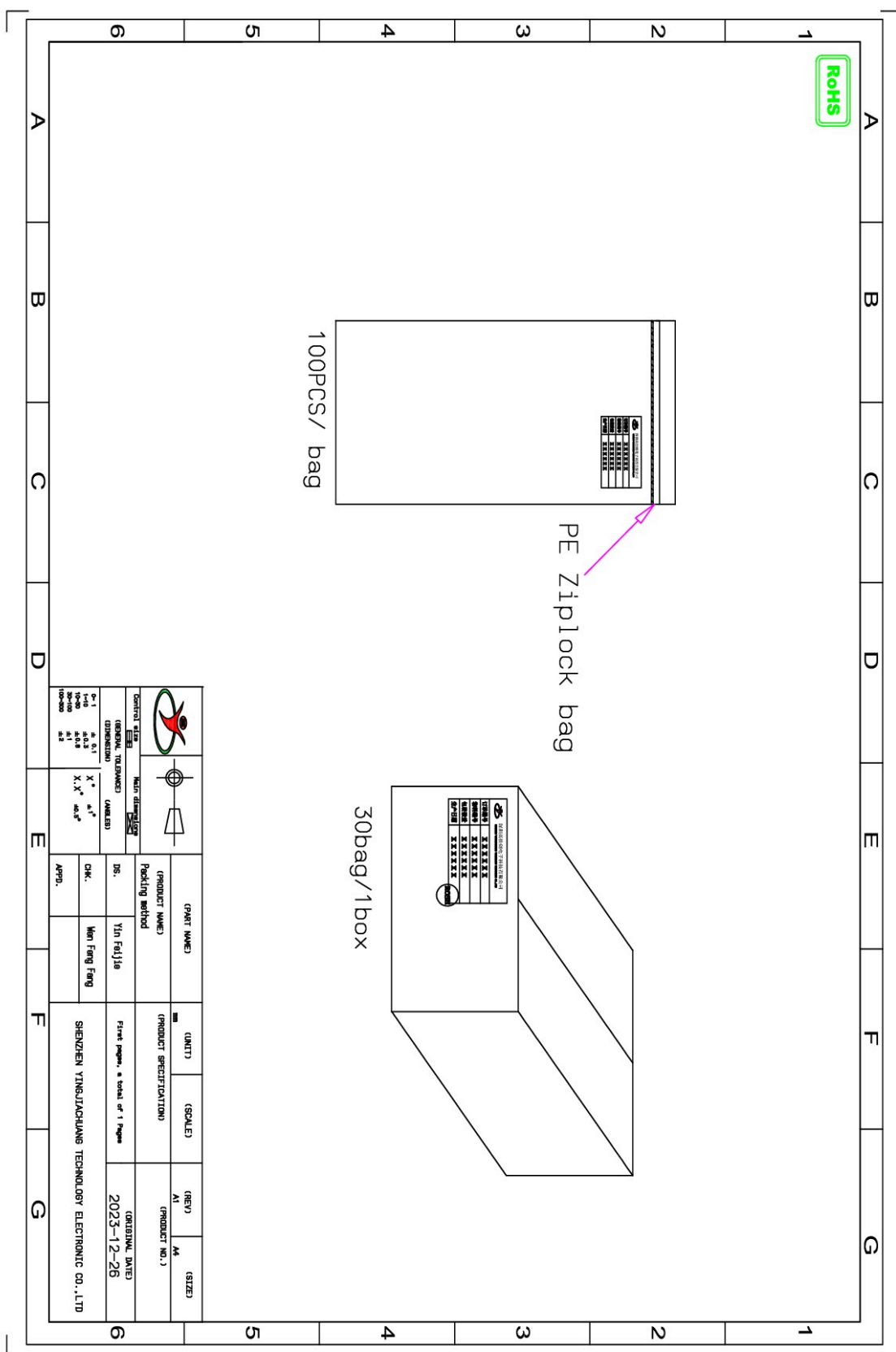


端子平面图:





包装方式图 (Packing pattern drawing) :





环境性能测试(Environmental performance testing):

项目 (Project)	测试条件 (Test condition)	规格 (Specification)
储存环境 Storage Conditions	In the absence of specified test temperature, humidity, air pressure is as follows: 在没有指定的情况下测试温度、湿度、气压如下: 1. Temperature is $-45^{\circ}\text{C} \sim +85^{\circ}\text{C}$ 1. 温度为 $-45^{\circ}\text{C} \sim +85^{\circ}\text{C}$ 2. Relative humidity of 20~80% 2. 相对湿度为20~80% 3. Air pressure is 86 kpa to 106 kpa 3. 气压为86kpa-106kpa	Electrical and mechanical properties is normal 电气机械性能正常
高低温试验 high and low temperature test	Between 85°C and -45°C for 5 loops, then 1-2 h under normal conditions, check the appearance quality. 在 85°C 与 -45°C 之间进行5次循环,然后在正常条件下1-2H, 检查外观质量。	Size should meet the requirements and should satisfy the content with the electrical and mechanical properties 尺寸应满足规定并应满足于机械、电气性能
耐恒定 湿热试验 Constant damp and hot resistance test	80 + / - 3% relative humidity, temperature test: 40°C . Lasts 2 h after, try to take out the determination of electrical properties, within 5 min after try 1-2 h under article normal thing, check the appearance quality 相对湿度 $80 \pm 3\%$, 试验温度: 40°C . 持续2H作用后, 试品取出后5min之内测定电气性能, 试品在正常条件下1-2H, 检查外观质量	Size should meet the requirements and should satisfy the content with the electrical and mechanical properties 尺寸应满足规定并应满足于机械、电气性能
振动试验 vibration test	10-55 hz, vibration frequency range of displacement amplitude: 0.35 MM, acceleration amplitude: 50.0 M/S, sweep cycles: 30 times 振频范围10-55HZ, 位移幅值: 0.35MM, 加速度幅值: 50.0M/S, 扫频循环次数: 30次	Electrical and mechanical properties is normal 电气机械性能正常
跌落试验 fall down test	1 m high altitude in accordance with the perpendicular axis free drop 3 times 1M高空按照互相垂直的轴方向自由跌落3次	Electrical and mechanical properties is normal 电气机械性能正常

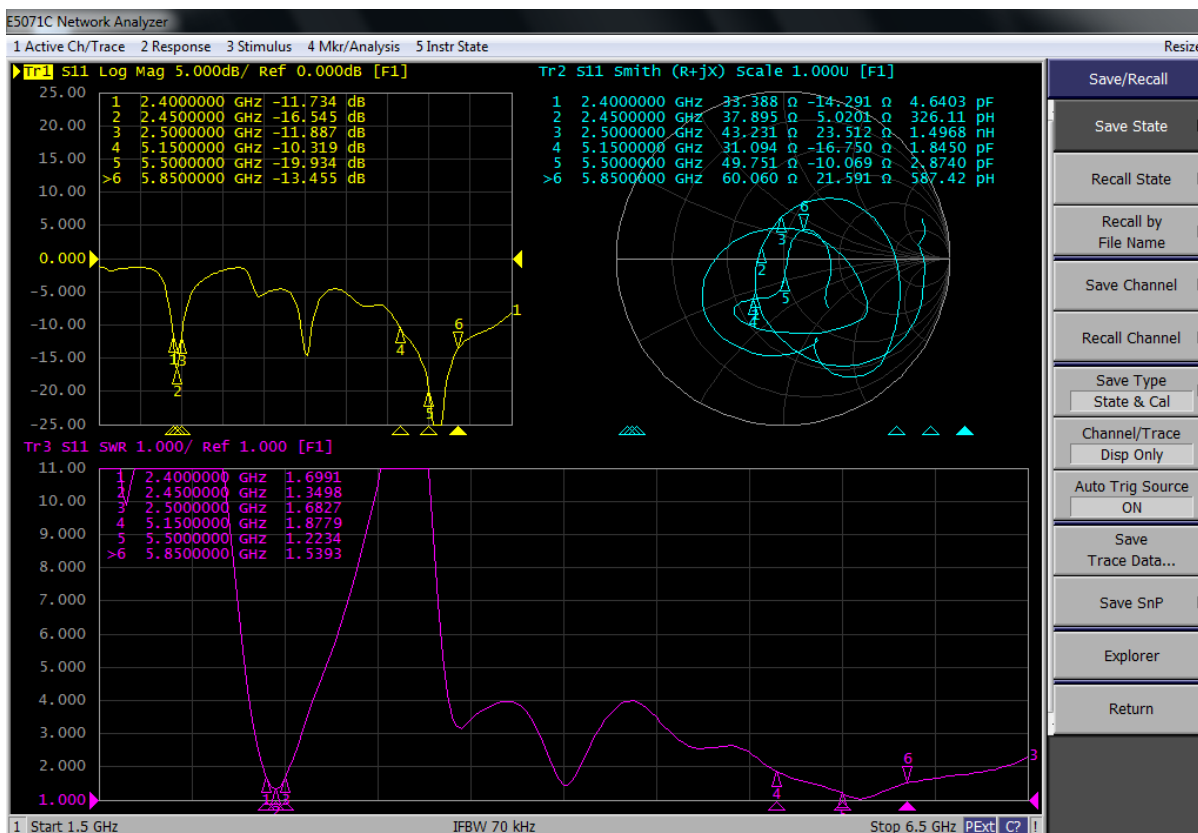


天线实物图与位置图: Antenna physical diagram and location diagram



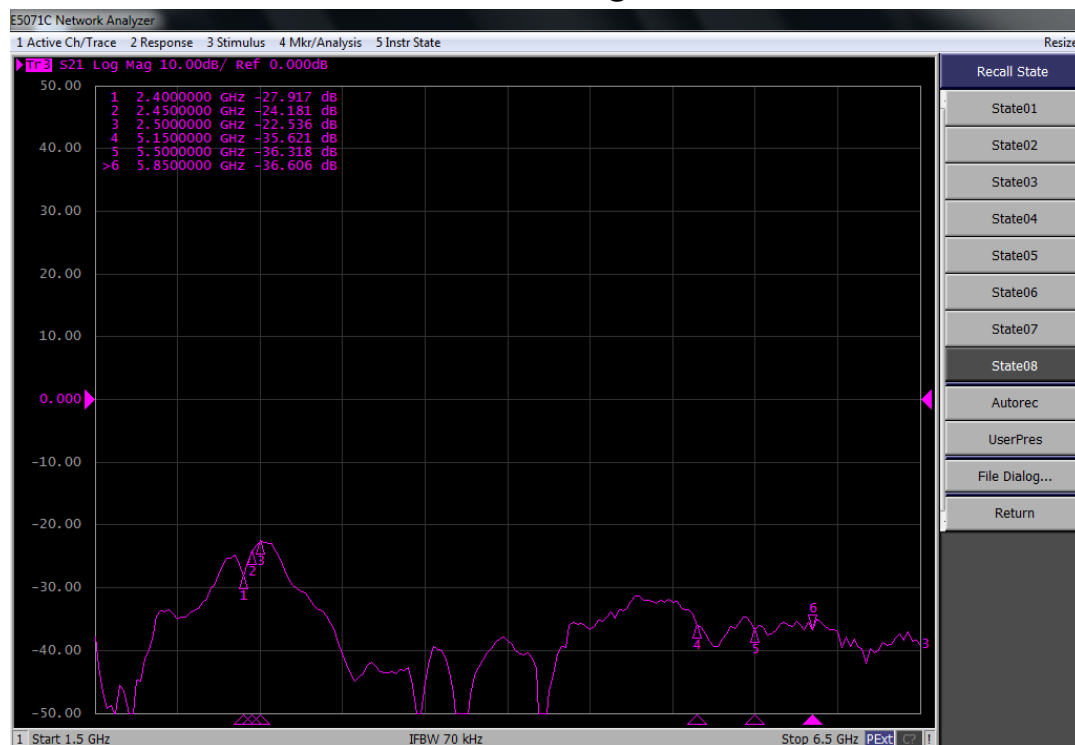
Antenna physical diagram and location diagram

天线性能测试图: Antenna performance test diagram

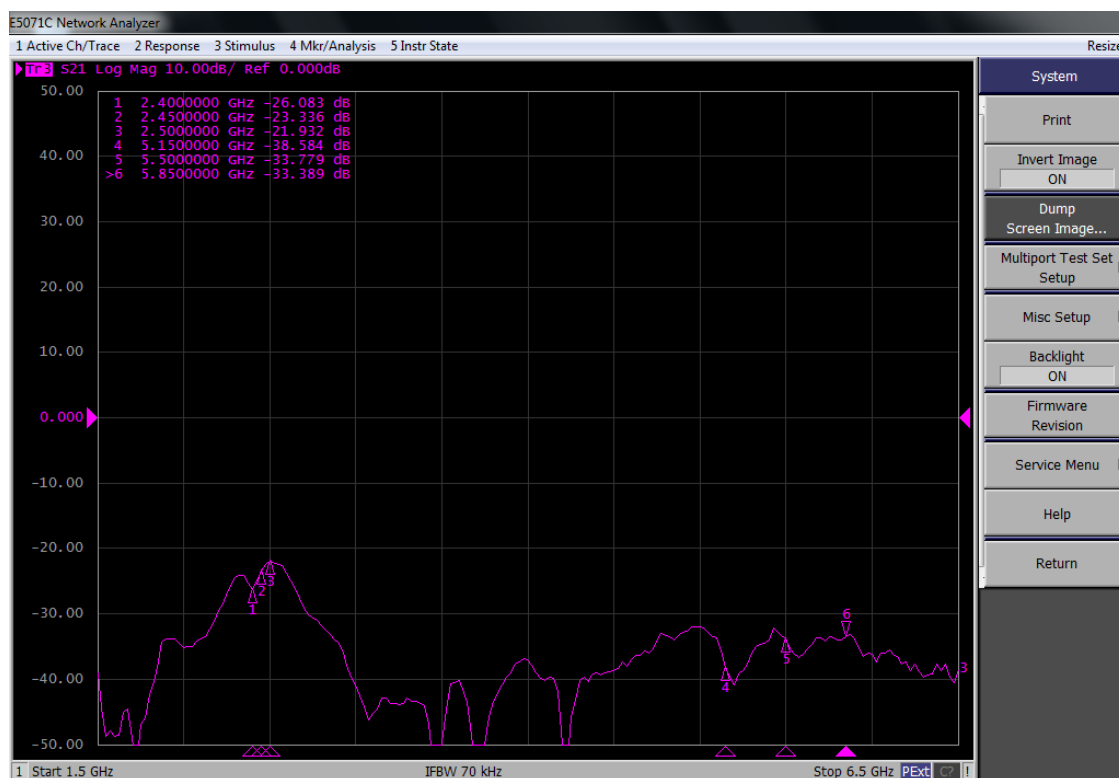




隔离度测试图 ANT0&ANT1 Isolation test diagram

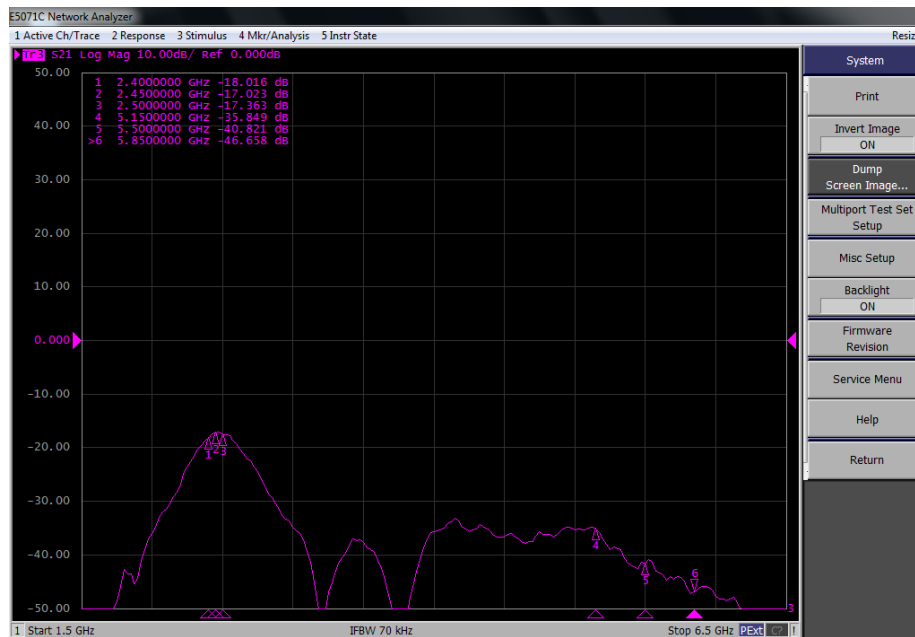


隔离度测试图 ANT0&ANT2 Isolation test diagram





隔离度测试图 ANT0&ANT3 Isolation test diagram



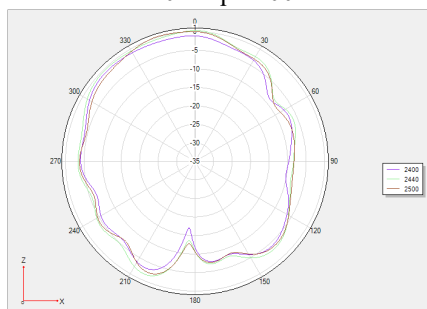


2D、3D 测试数据(ANT0): 2D and 3D test data (ANT0) :

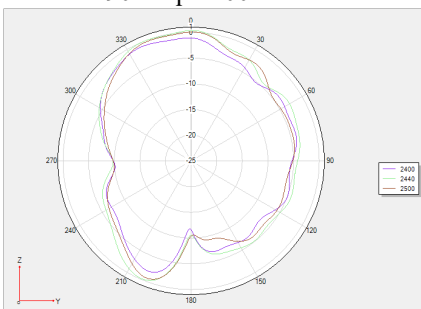
Efficiency & Gain of ANT0		
Frequency/Mhz	Efficiency / %	MaxGain/dBi
2400	58.33	0.81
2410	59.16	1.37
2420	60.39	1.79
2430	62.52	1.99
2440	62.66	1.8
2450	63.24	1.97
2460	62.81	2.1
2470	60.39	1.9
2480	57.68	1.54
2490	55.21	1.27
2500	56.97	0.75
5150	55.93	0.9
5200	56.95	0.98
5250	55.45	1.11
5300	55.34	1.2
5350	57.28	1.64
5400	55.98	1.5
5450	64.42	0.75
5500	59.84	0.84
5550	63.53	1.08
5600	62.09	0.62
5650	65.01	1.4
5700	62.95	1.01
5750	65.01	1.35
5800	61.24	0.4
5850	64.27	0.47



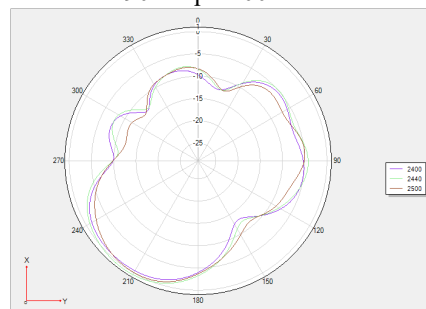
Phi =0 freq=2400MHz



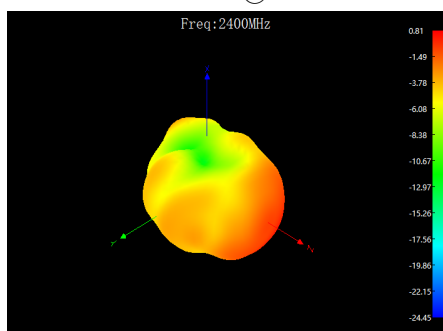
Phi =90 freq=2400MHz



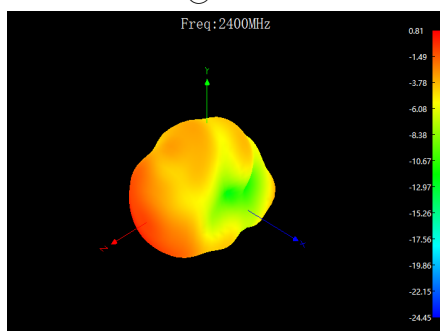
Theta =90 freq=2400MHz



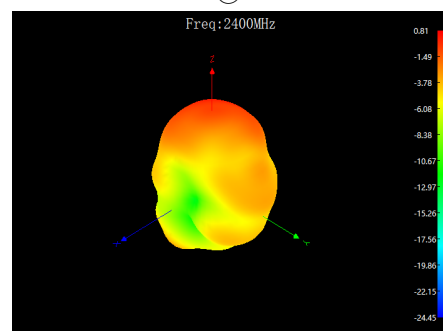
ZXY face @2400MHz



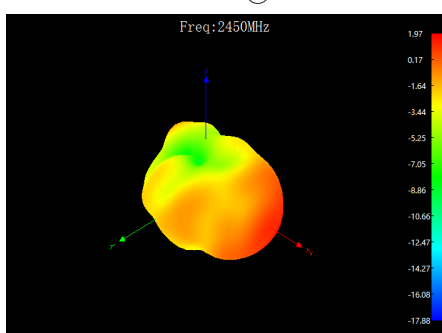
XYZ face @2400MHz



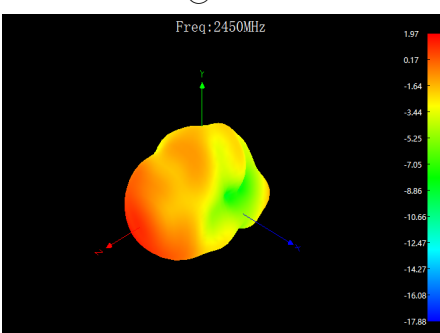
YZX face @2400MHz



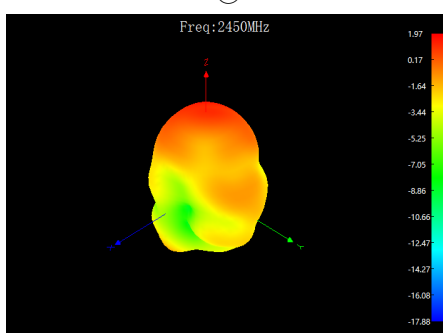
ZXY face @2450MHz



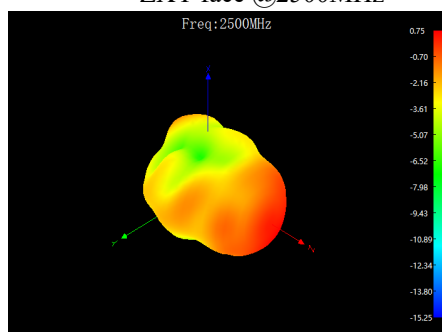
XYZ face @2450MHz



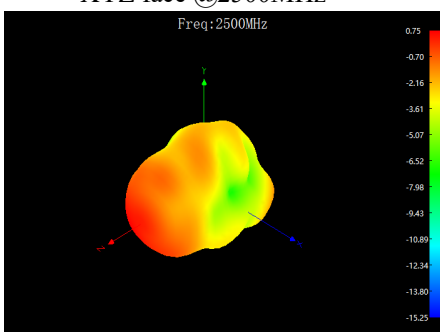
YZX face @2450MHz



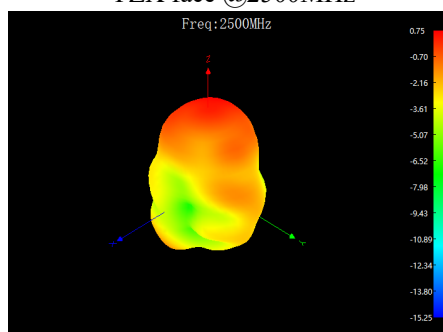
ZXY face @2500MHz



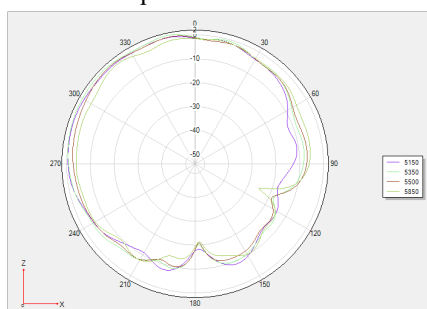
XYZ face @2500MHz



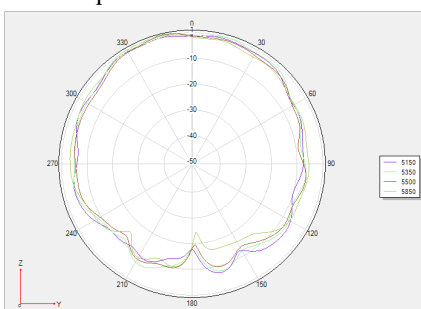
YZX face @2500MHz



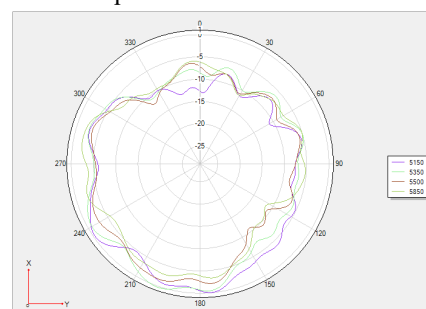
Phi =0 freq=5150MHz



Phi =90 freq=5150MHz

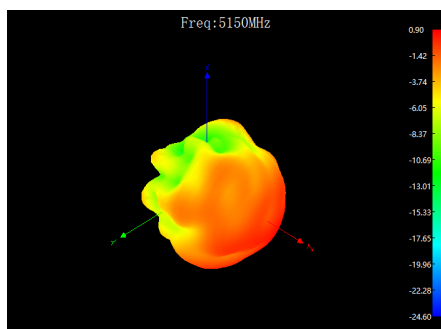


Theta =90 freq=5150MHz

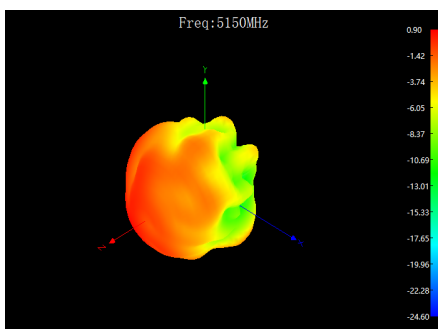




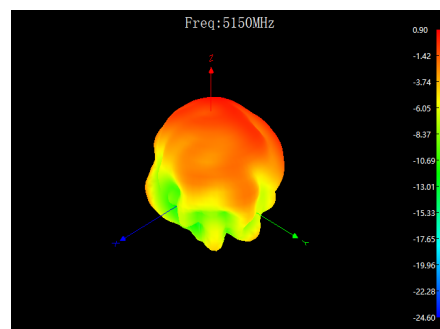
ZXY face @5150MHz



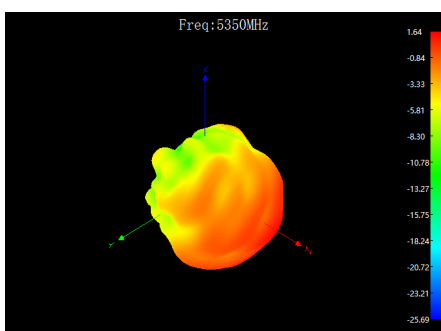
XYZ face @5150MHz



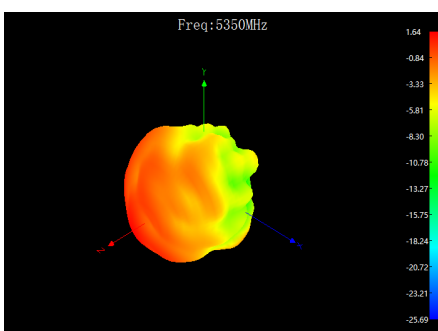
YZX face @5150MHz



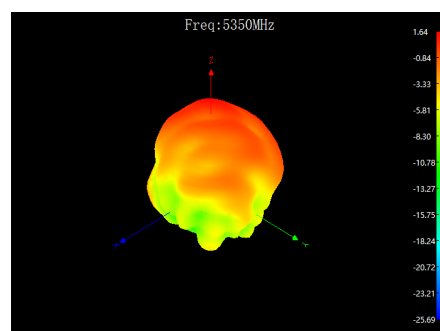
ZXY face @5350MHz



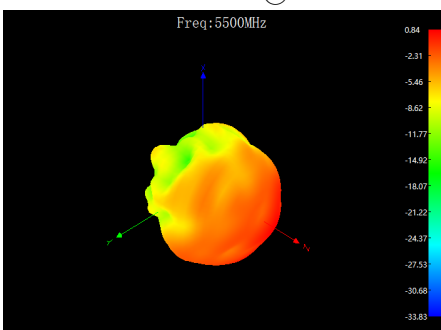
XYZ face @5350MHz



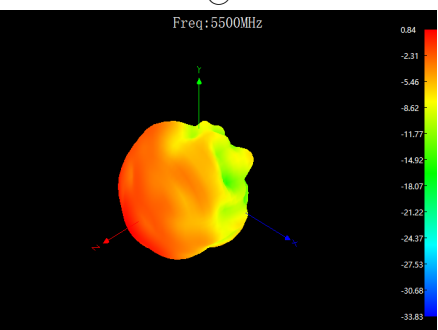
YZX face @5350MHz



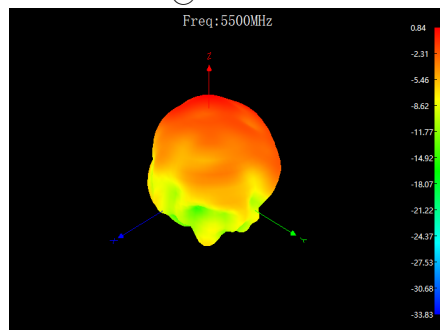
ZXY face @5550MHz



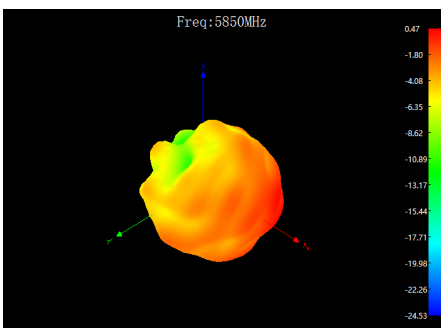
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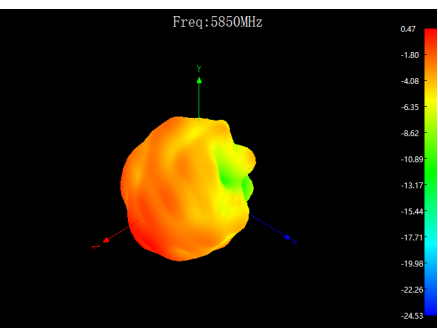
YZX face @5550MHz



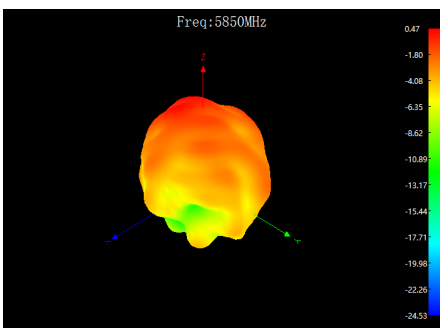
ZXY face @5850MHz



XYZ face @5850MHz



YZX face @5850MHz





测试报告单 Tension test report

报告编号: NY2025112801

客户代码 Customer code	1028	客户料号 Customer material number		客户描述 Customer description	ANT0 内置天线 (L=95mm) ANT0 built-in antenna (L=95mm)
试验数量 Number of tests	5pcs	我司料号 Our company's material number	YJC-6N095-B55	我司描述 Company description	1.13 线端拉力 1.13 Wire end tension
检验标准 Inspection standard	线端测试参照行业标准 Line end test with reference to industry standards				
序号 Serial number	试验项目 Test item	要求 requirement	测试数据记录 Test data recording	试验设备 Test equipment	结果判定 Result decision
1	线端拉力测试 Wire end tension test	$F \geq 1.5\text{kgf}$	1.65kgf	NK-50	合格 qualified
2	线端拉力测试 Wire end tension test	$F \geq 1.5\text{kgf}$	1.63kgf	NK-50	合格 qualified
3	线端拉力测试 Wire end tension test	$F \geq 1.5\text{kgf}$	1.62kgf	NK-50	合格 qualified
4	线端拉力测试 Wire end tension test	$F \geq 1.5\text{kgf}$	1.60kgf	NK-50	合格 qualified
5	线端拉力测试 Wire end tension test	$F \geq 1.5\text{kgf}$	1.58kgf	NK-50	合格 qualified



1



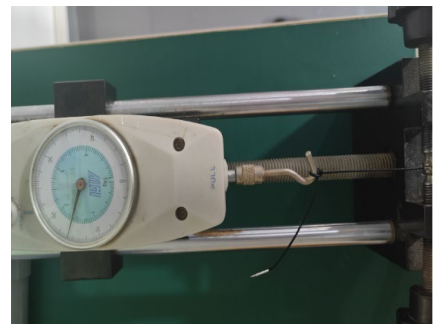
2



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深圳市英佳创电子科技有限公司

Shenzhen Yingjiachuang Electronic Technology.,Ltd

端子测试报告单 Terminal test report

报告编号: NY2025112801

客户代码 Customer code	1028	客户料号 Customer material number		客户描述 Customer description					ANTO 内置天线 (L=95mm) ANTO built-in antenna (L=95mm)	
试验数量 Number of tests	5pcs	我司料号 Our company's material number	YJC-6N095-B55	我司描述 Company description					1.13 一代线端 1.13 generation wire end	
检验标准 Inspection standard	端子测试参照行业标准 The terminals are tested according to industry standards									
序号 Serial number	试验项目 Test item	要求 requirement	测试数据记录 Test data recording					试验设备 Test equipmen	结果判定 Result decision	
			1#	2#	3#	4#	5#			



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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 components delivered to your company, the raw materials used for auxiliary materials, and the additives used in the production project all meet the environmental requirements of the RoHS directive on limiting the use of hazardous substances. (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:

The report on the composition of raw materials, packaging materials, and additives used in the manufacturing process for component auxiliary materials 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
线材(wire rod)	铁氟龙同轴 线缆 Teflon coaxial cable	NGBPC24007471212	SGS	24/12/23	ND	ND	ND	ND	ND	ND	PASS
锡条 (tin rod)	环保锡丝 Green solder wire	SZXPC25000282511	SGS	25/02/27	ND	71	ND	ND	ND	ND	PASS
端子 (terminal)	铜 cuprum	CANEC24029407216	SGS	25/01/08	ND	4	ND	ND	ND	ND	PASS
	金镀层 gold plate	A2250437743101001E	CTI	25/06/27	ND	ND	ND	ND	ND	ND	PASS
	胶芯 rubber core	48279652A4001	CTI	25/07/25	ND	ND	ND	ND	ND	ND	PASS
3M 胶	3M9448A	CANEC24028865442	SGS	25/01/03	ND	14	ND	ND	ND	ND	PASS