

规格书

SPECIFICATION FOR APPROVAL

物料描述

DESCRIBE: Antenna For Anker A1727

客户料号

Customer NO:

物料编码

PART NO: ATC1456-HY085B70RA

天线类型

Antenna type: 2.4G WIFI Antenna (FPC+Cable) Black

日期

DATE: 2024.07.30

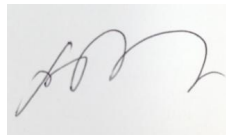
供应商

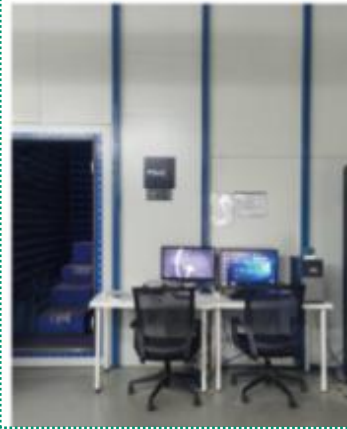
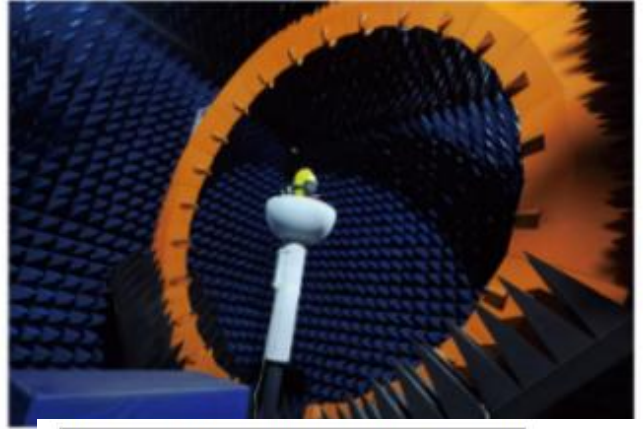
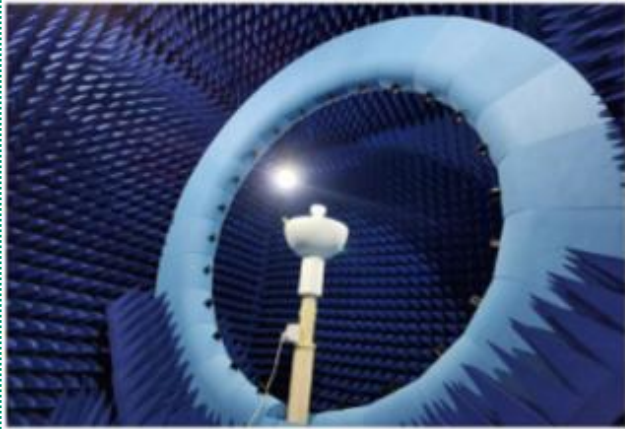
PROVIDER: 爱特恩科技（深圳）有限公司

深圳市宝安区石岩街道塘头一号路创维创新谷5#C栋201

AT&C Technology (Shenzhen) Co.

201, Building C, Chuangwei Innovation Valley, No.1 Tangtou Road, Shiy
an Street, Bao'an District, Shenzhen, China

客户 承认 CustomerAdmit	确认 confirm	研发/R & D	品质/Quality	采购/Procurement	核准/Approved
供应商 承认 SupplierAdmit	确认 confirm	确认/Confirm	校对/Check	审核/Examine	批准/Approved
		资业辉	杨国昌	徐丽英	



We have RF equipments as below

Anechoic Chambe

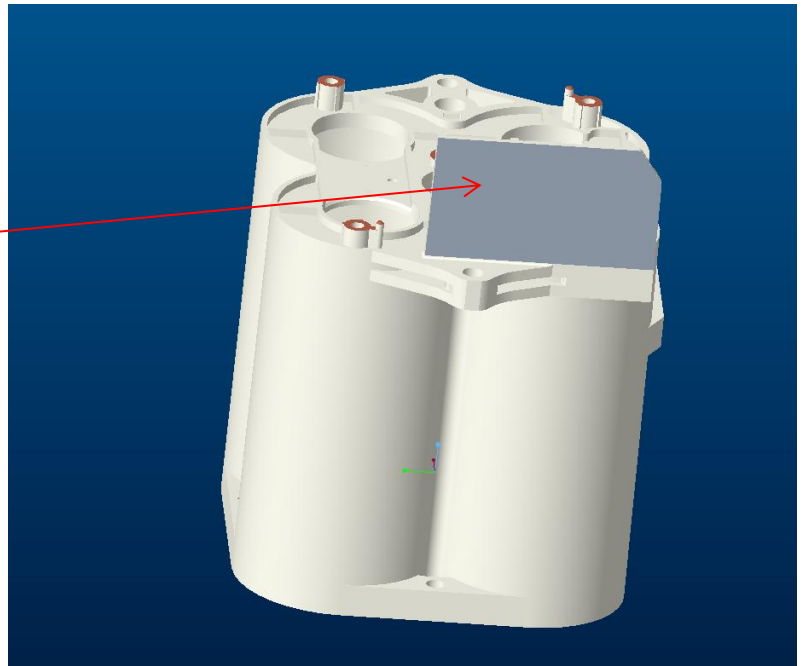
- Satimo 1ea
- SY24 1ea
- SAR 1ea
- KSS 2ea

Measurement

- 2G, 3G, 4G
- GPS
- Wifi
- Bluetooth(3.0) OTA
- NFC & WPC

拥有模拟人头于测试设备

WIFI ANT

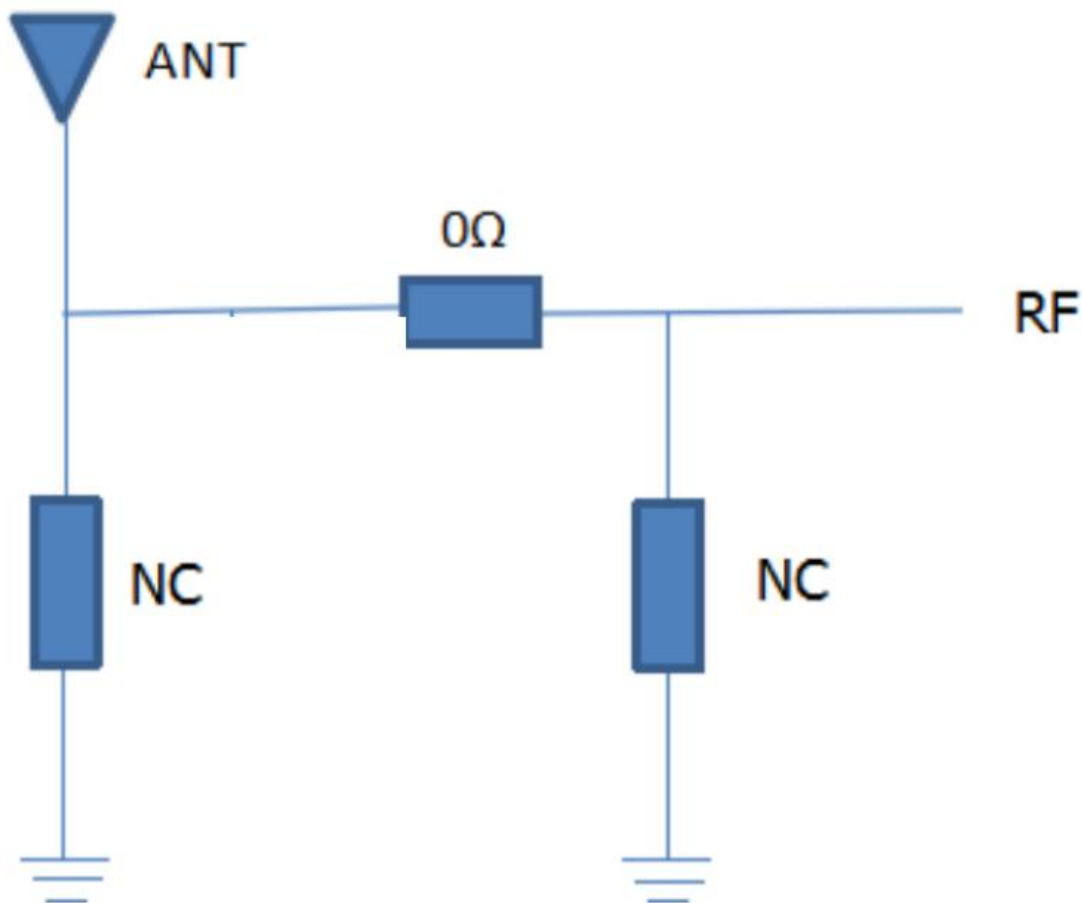


BOM

Customer 客户	Anker	Written By 制作	ZYH	Orig. Date 制作日期	2024.07.30
Part Number 料号	ATC1456-HY085B70RA	Revised By 校订	SHIN	Revised Date 校订日期	2024.07.30
Description 零件名称	WIFI-ANT	Approved By 确认	HJ	Approved Date 确认日期	2024.07.30

Customer number	ATC number	Part name	Part production location
	ATC1456-HY085 B70RA	Pi+Cu 41.4 * 12.6 * 0.12 matte black/electrolytic copper/pi+cu 41.4*12.6*0.12 哑黑色/电解铜	dongguang/东莞
		Φ 0.81 black coaxial 90m m with third-generation t erminals / Φ0.81黑色同轴 线 90mm 配三代端子	dongguang/东莞

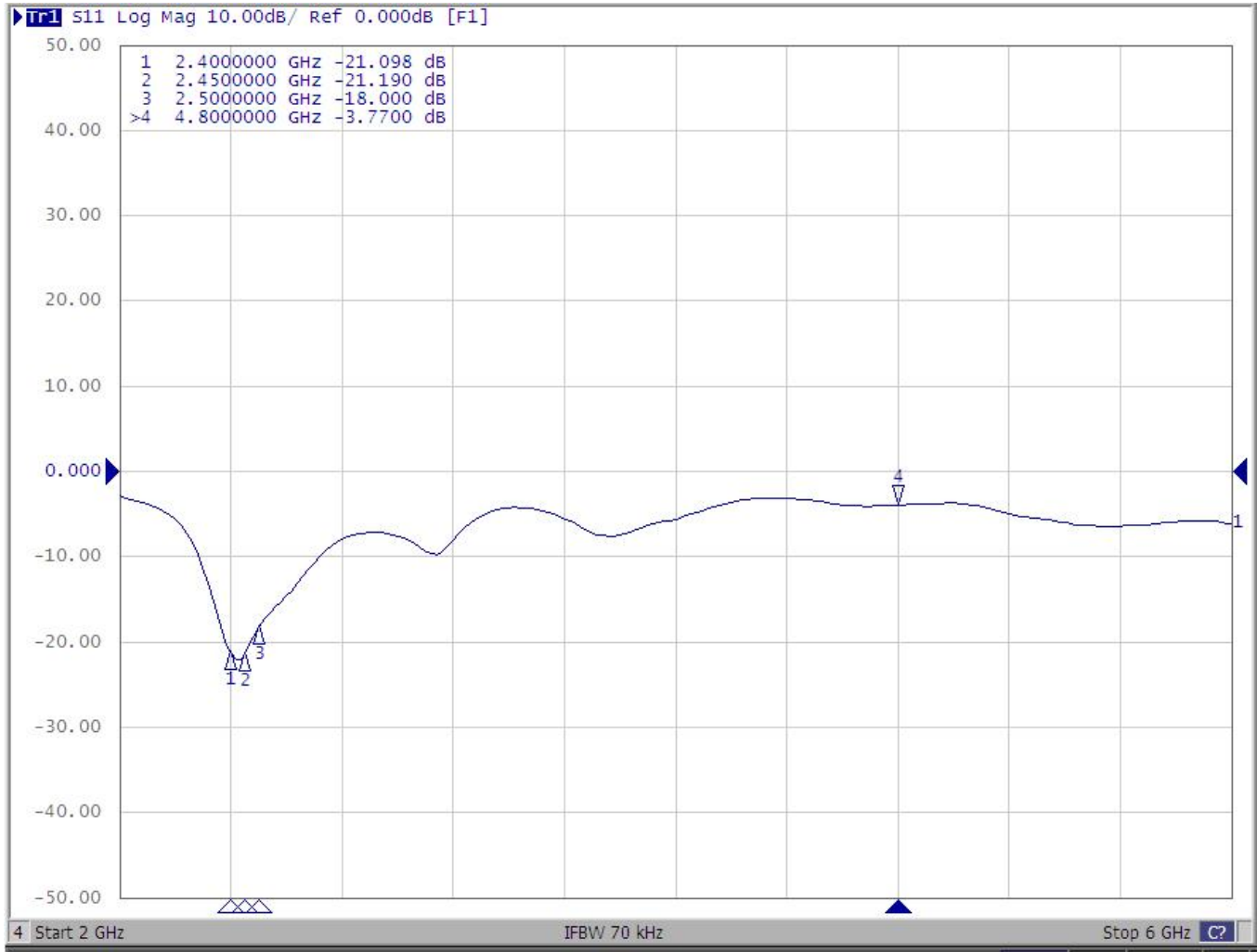
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**Note:**

The antenna matching has not been changed/匹配无改动

天线网分图/Antenna S11/SWR

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Description 零件名称	WIFI-ANT	Approved By 确认	HJ	Approved Date 确认日期	2024.07.30





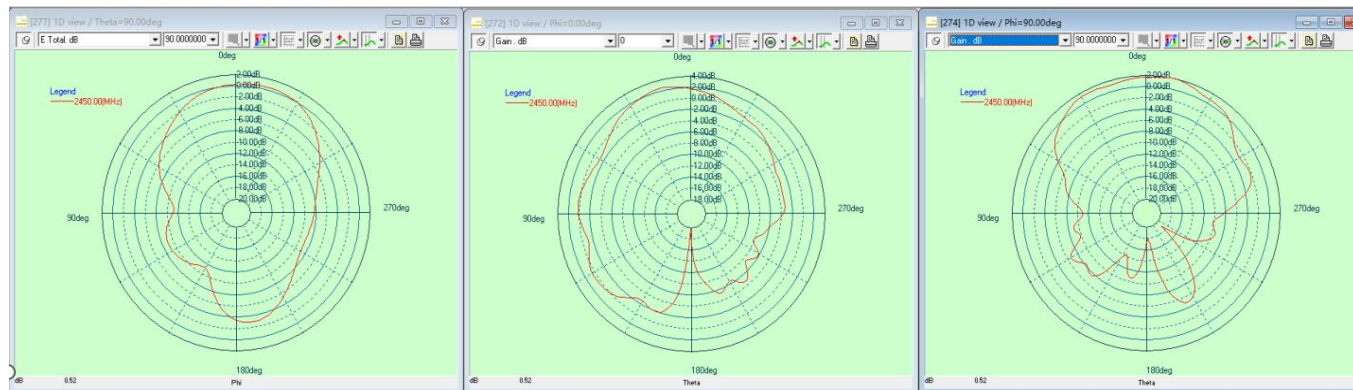
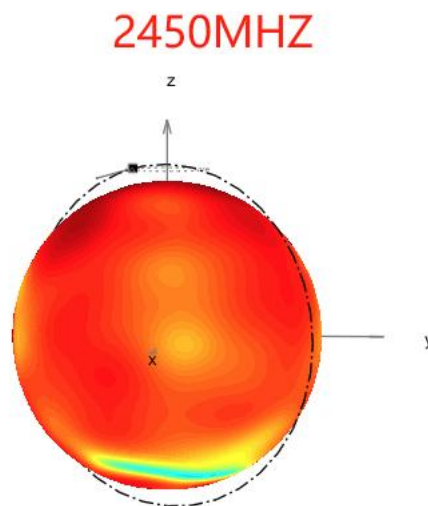
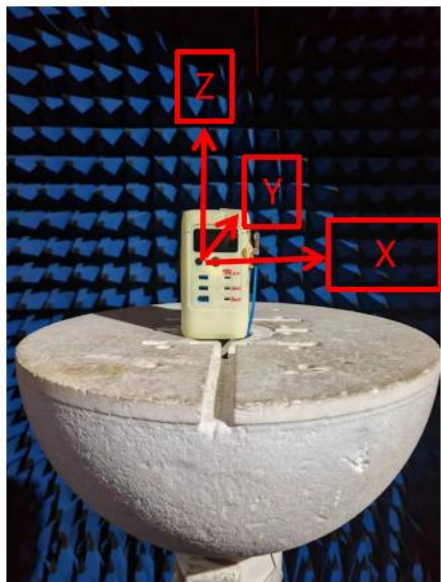
天线无源效率增益/Antenna *Efficiency&Gain

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(2.4G) Passive Test Results（无源测试数据）

Frequency	Efficiency	Gain. dBi
2400	52%	2.06
2410	52%	2.21
2420	52%	2.33
2430	51%	2.44
2440	51%	2.42
2450	52%	2.36
2460	53%	2.27
2470	53%	2.33
2480	53%	2.54
2490	55%	2.71
2500	54%	2.68

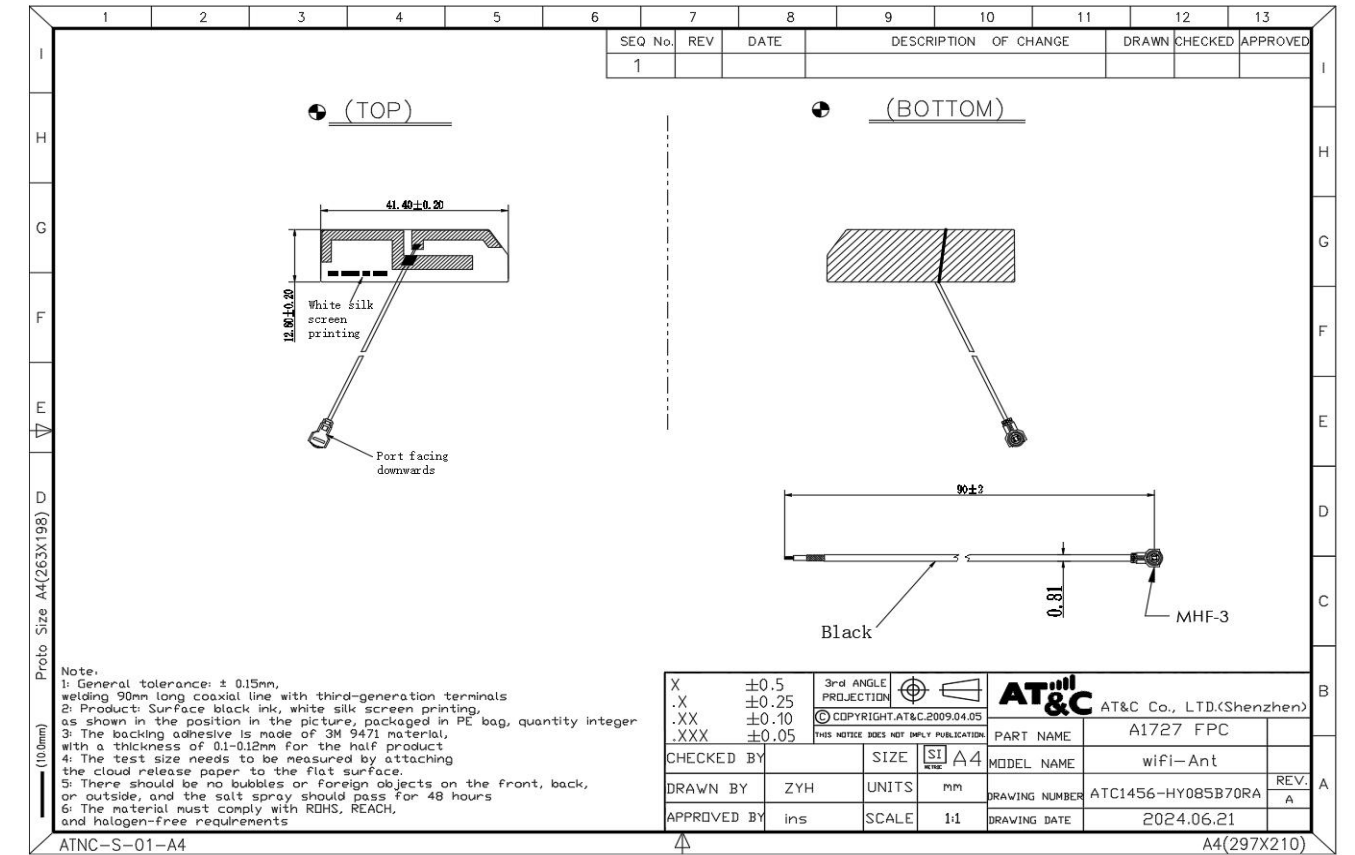
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Part Number 料号	ATC1456-HY085B70RA	Revised By 校订	SHIN	Revised Date 校订日期	2024.07.30
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1. Azimuth Pattern H-Plane (水平方向图H平面) : “H”, X-Y plane
2. Elevation Pattern E1, E2-Plane (垂直方向图E1, E2-平面) : “E1”, “E2”, X-Z plane(E1), Y-Z plane(E2)
3. It is a structure that supplements the distortion of the horizontal plane in the vertical plane and has a gentle sphere shape in three dimensions. (它是三维球面方向图，在二维水平和垂直的剖面)

天线2D图/Antenna 2D Draw

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Size information					Measuring sample			% Tolerance		Handling opinions			
number	Dimension property	Dimension	Lower tolerance	Upper tolerance	1	2	3	Upper	Lower	determine	Supplier review comments	Customer review comments	Measuring tool
1	key point	41.4	-0.2	0.2	41.42	41.38	41.42			PASS			PJ
2	key point	12.6	-0.2	0.2	16.51	16.53	16.46			PASS			PJ
3	key point	90	-2	2	90	90.5	89.5			PASS			PJ



AT&C TECHNOLOGIES (SHENZHEN) CO. LTD
爱特恩科技（深圳）有限公司

Salt spray test report/盐雾试验报告

Customer Name/客户名称:	Anker (A1727)	Specification and model/规格型号:	ATC1456-HY085B70RA
Sample situation/试样情况:	Sample quantity/样品数量: 3PCS		
	基材/Substrate: PI	Coating/镀层: OSP	
Test start and end time/试验起止时间:	48 hours from 10:00 on July 9, 2024 to 10:00 on July 11, 2024		
Test type:	☒ NSS	☐ ASS	☐ CASS
Test conditions/试验条件:	Salt solution ratio: 5% ± 1%		PH:6.5~7.2
	Temperature inside the box: 35 ° C		Relative humidity: 85 % ± 2%
	Spray mode: ☒ Continuous ☐ Intermittent		Compressed air pressure: 1kg/cm ²
	Spray volume: 1.0 ~ 2.0ML/80CM2/H		Test object placement angle: 30 degrees+/-10 degrees
	Test cycle: __ cycles		Spray time: 48 h
			Placement time: 2 hours
Judgment criteria/判定标准:	Appearance: intact and undamaged, with no significant changes. Coating: No oxidation, rust, discoloration, or corrosion spots. Screen printing: No shedding or bubbles.		
Test results/试验结果:	Appearance after test: The appearance is intact and undamaged, with no significant changes. Coating: No peeling or rusting Surface spraying and screen printing: no peeling or bubbles.		

Explanation/说明:

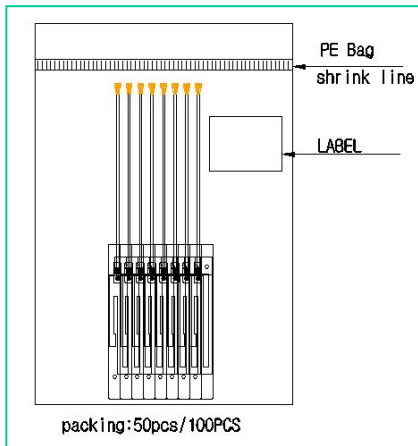
- The salt spray test operation standard shall be executed in accordance with the national standard GB/T2423.17-2008 of the People's Republic of China
- The criteria for determining test specimen results shall be in accordance with the national standard GB/T6461-02 of the People's Republic of China

Tester/试验员: Zhang Luo

Reviewed by/审核: Liang Houbo

Packaging method

PE bag packaging, product emission neat, uniform quantity



PART LIST

*The packaging diagram is a schematic diagram and does not represent the actual product

NO	DESCRIPTION	Q'TY	MATERIAL	REMARKS	REV.
1	ANTENNA	1/1000		N/A	A
2	PAD OUT	1/4	SW A골 5T	N/A	A
4	CARTOON BOX	-	SW A골 5T	N/A	A
5	PACKING TAPE	-	PP	N/A	A