



Antenna Sample Confirmation From

Guangdong Ji-anbotong Stock code:831958

深圳健海通天线技术有限公司

Antenna Admission Certificate

Antenna Sample Confirmation From

Supplier name Vendor Name	Shenzhen Jianhai Tong Antenna Technology Co., Ltd. Shenzhen kenhaitong antenna technology co, ltd				
Customer name Customer Name	Shike Lulou Technology				
Product Model Part Number	Anti-fall blue shell for the elderly				
Sample specifications Specification	Built-in FPC antenna,23.12*8.86mm, gold-plated				
Customer ID Customer ID					
Inspecting item Inspection Item	Performance test Performance	Appearance inspection Total Appearance	Structure structure	Review Audit	Inspection results Inspection Result
	OK	OK		OK	OK
Note Note					
Quality Audit QA Audit		Engineering Audit Engineer Audit		Business confirmation Sales Confirm	
The following is filled in by the customer The following are filled by Customer					
Customer feedback Customer Evaluation	Gum				
Customer signature/stamp Signation/Chapter by Customer	Date/date:				

Address: 3rd Floor, West of Building 1, Hezhou Zhongkenuo Industrial Park, Hangcheng Street, Baoan District, Shenzhen

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Antenna Test Report

Testing unit: Shenzhen Jianhai Tong Antenna Technology Co., Ltd. Test by: Shenzhen kenhaitong antenna technology co, ltd			
Material Material	FPC		
Antenna type Antenna Type	PIFA	Polarization mode Polarization mode	Linear
Application Appl-ication			
Working frequency Band		VSWR	
	BLE		≤2
Power Power	Max: 50W	Impedance Impedance	50Ω
Gain dBi			
	BLE: ≥ 0.49 dBi		
Testing facility Test Equipment	HPE5071C、Shielding Room、3D automatic turntable		

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1、Project Image



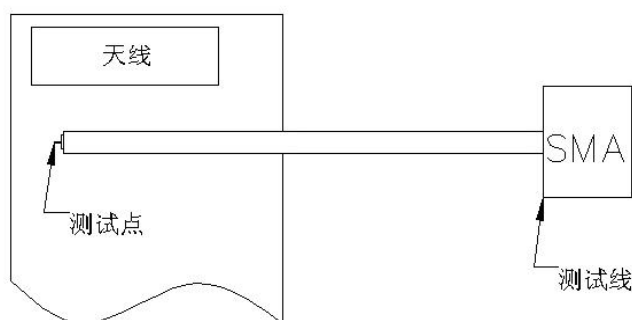
Note: The customer's final antenna performance prototype will be retained by our company for at least one year to facilitate analysis and resolution of issues during mass production.

Abnormal conditions. Ensure antenna quality during shipment.

2、Test Fixture

Objective: To test the passive parameters of antenna as accurately as possible.

The manual device is constructed with a 50-ohm coaxial cable, one end connected to the test point at the rear of the matching circuit (front end of the RF test hole) on the mobile phone motherboard, and the other end connected to an SMA connector. The schematic diagram is as follows:

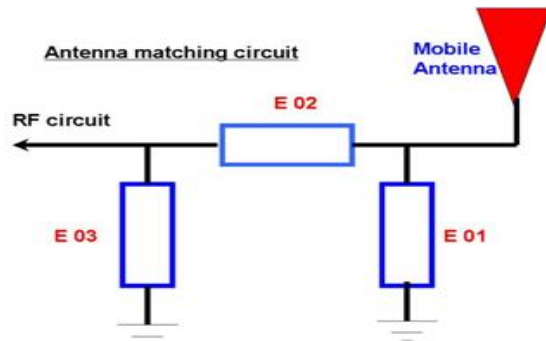


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3、Antenna Matching Circuit



Edit point/Modify

E01	E02	E03
No	No	No

Note: The match is unchanged.

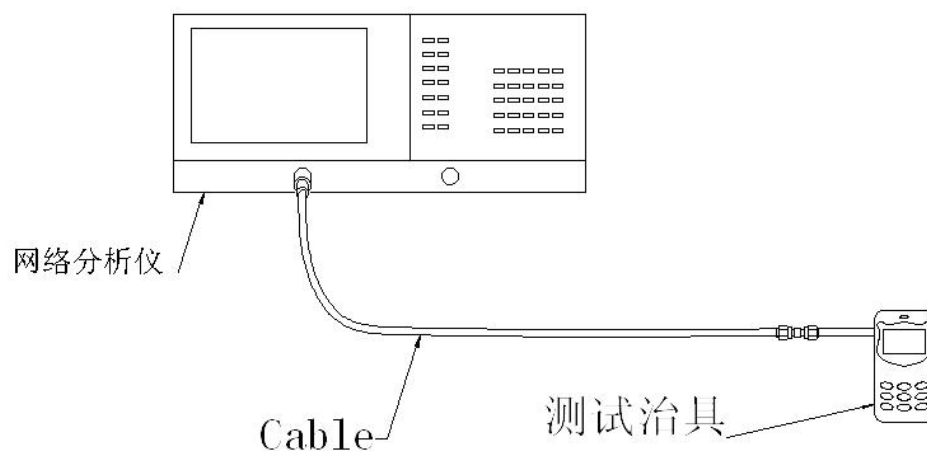
4. S11 Test

4.0 S 11 Test Method Description

Test equipment: Network analyzer (E5071C)

Test method: Use a 50 ohm CABLE cable from the instrument test port, calibrate with a calibration piece, then connect to the SMA connector of the mobile phone fixture, and record the return loss and VSWR at the corresponding frequency points.

The test diagram is as follows:



Test diagram

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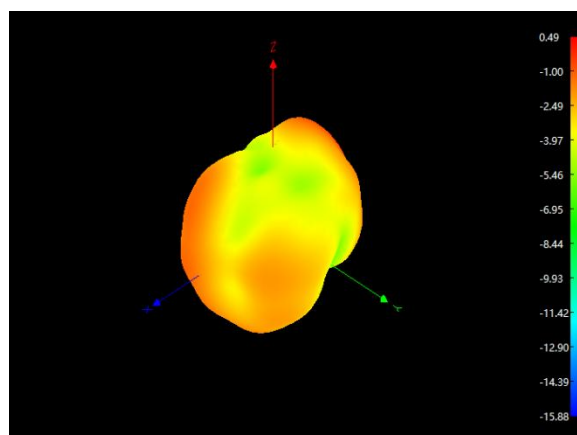
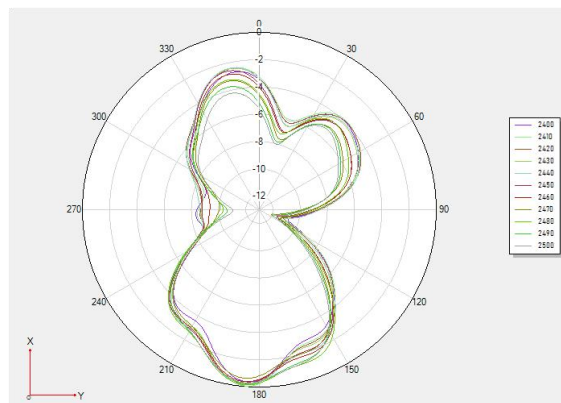
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BLE Antenna Passive Parameters

Frequency / MHz	Efficiency / %	Gain/ dB
2400	35.69	0.1
2410	35.34	0.3
2420	37.06	0.37
2430	35.34	0.49
2440	37.06	0.4
2450	35.62	0.46
2460	34.51	0
2470	32.42	0.06
2480	34.17	0.17
2490	32.99	0.38
2500	31	0.06



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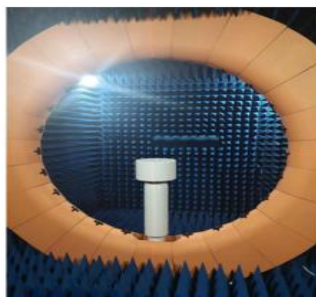
5、 Darkroom Test Equipment and Data

5.0 testing facility

Test System: Shielded Chamber

Test environment: temperature $22^{\circ}\text{C} \pm 3^{\circ}\text{C}$, humidity $50\% \pm 15\%$

Testing equipment: For passive data testing, use the AgilentE5071C network analyzer.
Use the CMW500 comprehensive tester when testing active data.



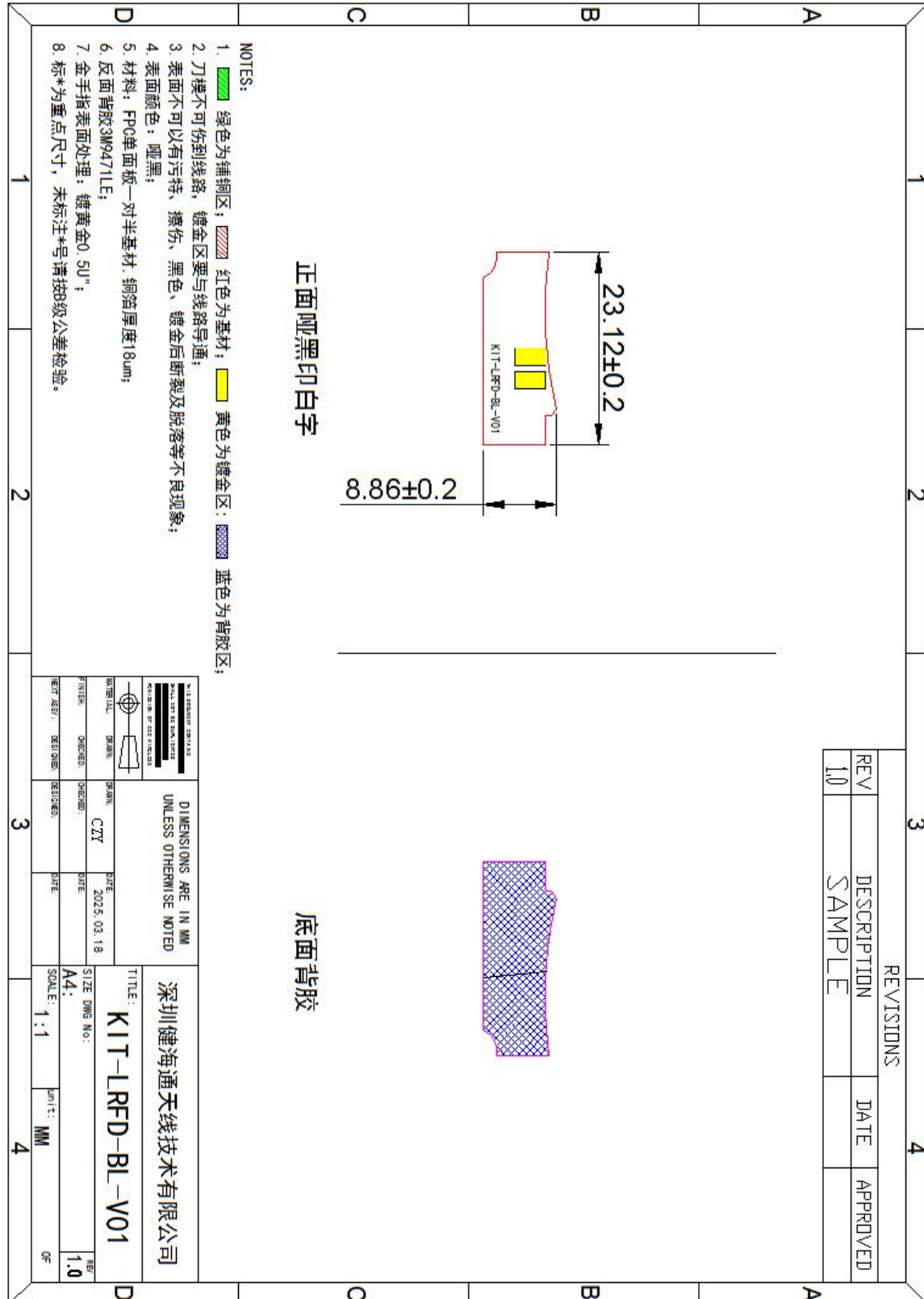
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6、 Structural Drawings



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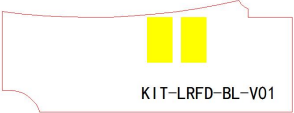
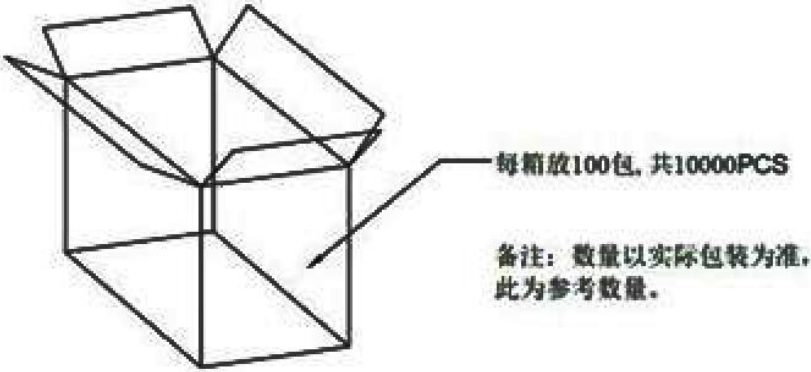


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7、Manner of Packing

Guangdong Jianbotong Technology Co., Ltd.						
Product Packaging Operation Specifications						
Customer: Shikelou Technology		Package name: Blue shell of the old man's fall protection		Bale number :		Packaging version:TEST:A
Bao Cai Ming Xi	Number	Name of a part	Specifications	Dosage	Packaging PRODUCT ILLUSTRATION	 KIT-LRFD-BL-V01
	PE	Seal the bag	120*85*0.12	1/100		
	SYC-BZ-01	Carton	280*230*170	1/5000		
Job step	1. Prepare the required packaging materials and place them in a favorable working position. 2. Pack the product in carton /PE bag according to the product packaging operation specification.100PCS/pack,100 packs per box,5000PCS in total. 3. 100 packages per box,10000PCS in total. After filling the box, seal it with transparent tape.				Matters need attention	1. Workers must wear gloves when operating. 2. Pay attention to the quantity of packing. Do not overpack or underpack. The last digit must be specified. 3. The cardboard box should not be stacked too high to prevent the glue overflow.
Illustrative NOTES						
Remarks						
Approval		Examine and verify		Fabrication		Date
JSB		DS		LSY		2025/11/3

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