

PH100 Acknowledgment Letter

Supplier Name: Sichuan Bo'antong Communication Technology Co., Ltd.

Material Description: Built-in Antenna - 2.4/5G - Gray 1.13 Tin Wire - 1st Generation

Terminal - L=75mm - FPC - 38.2×6.7mm

Material Code: 004.032.0052713

Acknowledgment Edition: A0-0915

(Note: This acknowledgment is for use by Guangzhou Yuandong
Intelligent Sports Technology Co., Ltd.)

Supplier Acknowledgment Column		
formulate	Review	Approve
Qiucuipin	Huchong	Liulihua

Source Drive Acknowledgment Column		
Research and Development	Quality	Environmenta l protection

[illegible]

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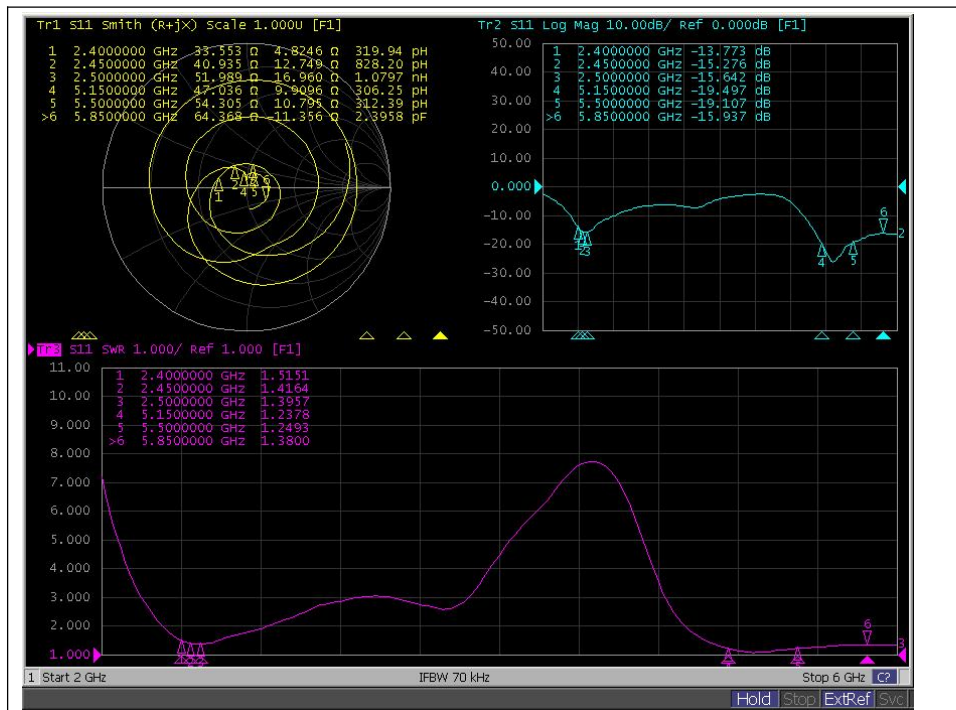
2.Product physical photos

To be provided

4.QC Engineering Drawing

5. Supplier Test Report

S11 Parameter



Standing wave ratio data

Freq/MHz	2400MHz	2450MHz	2500MHz	5150MHz	5500MHz	5850MHz	2400MHz
VSWR	1.52	1.41	1.39	1.23	1.24	1.38	1.52

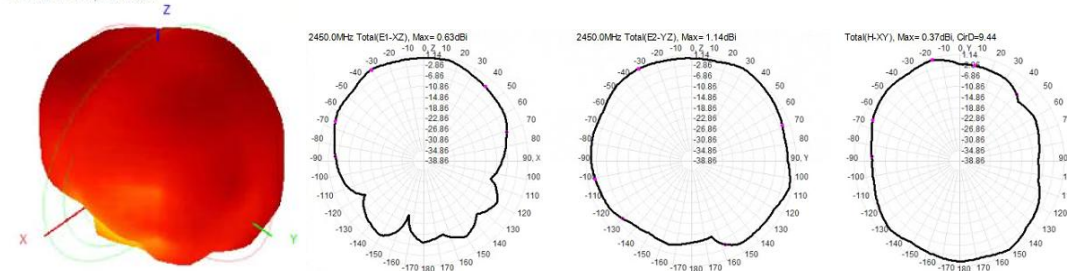
➤ Antenna Anechoic Chamber Test Data

Frequency	Gain (dBi)	Efficiency (%)
2400.0	1.61	54.72
2410.0	1.75	54.48
2420.0	1.94	55.20
2430.0	1.91	54.34
2440.0	1.95	55.05
2450.0	1.82	54.88
2460.0	1.65	54.60
2470.0	1.65	54.78
2480.0	1.72	55.02
2490.0	1.94	56.77
2500.0	1.82	55.11
5150.0	2.30	60.81
5250.0	2.71	63.42
5350.0	2.33	61.65
5450.0	3.39	60.08
5550.0	3.82	64.34
5650.0	3.96	63.46
5750.0	3.33	64.25
5850.0	2.75	56.83

➤ Antenna Radiation Pattern

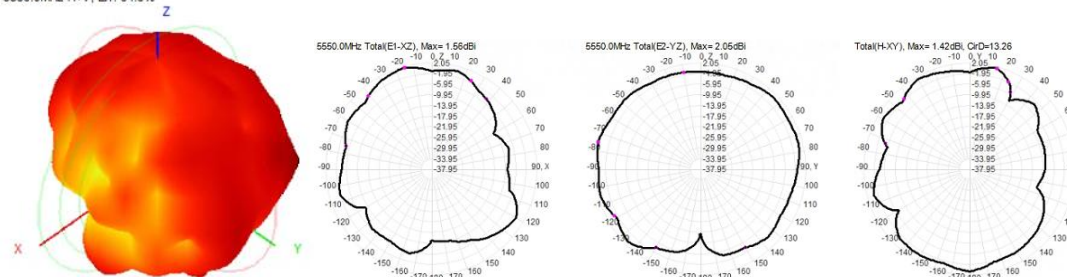
2450MHz

2450.0MHz H+V, Eff: 54.9%



5550MHz

5550.0MHz H+V, Eff: 64.3%



Remark: This surface is not the largest one. Some value should be adjust.

Reliability Test Report



Temperature & Humidity Test Report

Customer/Supplier	视源		Order No.	/	
Material Code	74300157		Product Name	Internal Antenna	
Test Quantity	5pcs		Test Date	2025. 07. 17-2025. 07. 19	
Standard	GB/T2423. 2-2001		Equipment	Temperature & Humidity Chamber	
Test Type	☐ (material) ☐ (finished product) ☒ (Sample)				
Criteria	1. Appearance requirements before and after the experiment: The metal surface coating should be free of peeling, cracks, wrinkles, separation, etc. Non metallic parts should not have discoloration, cracking, deformation, delamination, or other defects; 2. The electrical performance test meets the standard requirements: the standing wave ratio should be consistent with the sealed sample.				
Test Conditions	Temperature: 70 °C, humidity: 80% RH Duration: 48 hours				
Inspection Records					
sample number	1 #	2 #	3 #	4 #	5 #
Appearance before the experiment	qualified	qualified	qualified	qualified	qualified
Appearance after the experiment	qualified	qualified	qualified	qualified	qualified
Performance testing before the experiment	qualified	qualified	qualified	qualified	qualified
Performance testing after the experiment	qualified	qualified	qualified	qualified	qualified
Experimental result judgment	☒ (qualified) ☐ (unqualified)				
test	Jiang Hongying	to examine	Tan Jiexin	approval	Zeng Kang



High and Low Temperature Thermal Shock Test Report

Customer/Supplier	视源		Order No.		
Material Code	74300157		Product Name	Internal Antenna	
Test Quantity	5pcs		Test Date	2025. 07. 18~2025. 07. 19	
Standard	GB/T2423. 2-2001		Equipment	Temperature & Humidity Chamber	
Test Type	☐ (material) ☐ (finished product) ☒ (Sample)				
Criteria	1. Appearance requirements before and after the experiment: The metal surface coating should be free of peeling, cracks, wrinkles, separation, etc. Non metallic parts should not have discoloration, cracking, deformation, delamination, or other defects; 2. The electrical performance test meets the standard requirements: the standing wave ratio should be consistent with the sealed sample.				
Test Conditions	70 °C for 2 hours, -40 °C for 2 hours, 6 cycles, for a total of 24 hours				
Inspection Records					
sample number	1 #	2 #	3 #	4 #	5 #
Appearance before the experiment	qualified	qualified	qualified	qualified	qualified
Appearance after the experiment	qualified	qualified	qualified	qualified	qualified
Performance testing before the experiment	qualified	qualified	qualified	qualified	qualified
Performance testing after the experiment	qualified	qualified	qualified	qualified	qualified
Experimental result judgment	☒ (qualified) ☐ (unqualified)				
test	Jiang Hongying	to examine	Tan Jiexin	approval	Zeng Kang



Salt spray test report

Customer/Supplier	视源	Order No.	
Material Code	74300157	Product Name	Internal Antenna
Test Quantity	5pcs	Test Date	2025. 07. 18-2025. 07. 19
Standard	GB/T2423. 2-2001	Equipment	Salt spray testing machine
Test Type	☐ (material) ☐ (finished product) ☒ (Sample)		
Criteria	The exposed area of the product surface must not have oxidation or rust; Oxidation/rusting area after salt spray test in other areas<1.0%		

Experimental conditions:
1. The collected liquid after atomization with a concentration of $(5 \pm 1)\%$ should not be reused. Place the salt solution before atomization in an environment of $35 \pm 2\text{ }^{\circ}\text{C}$, ensuring that the pH value of the salt solution is neutral (6.5-7.2);
The pressure barrel temperature is $47 \pm 1\text{ }^{\circ}\text{C}$, the spray pressure is kept at $1.00 \pm 0.01\text{kgf/cm}^2$, and the spray volume is 1.0~2.0ml;/80cm²/h;
The laboratory temperature is $35 \pm 1\text{ }^{\circ}\text{C}$, and the humidity must be maintained at>85% RH;
2. Collect the salt spray deposition of continuous atomization for 24 hours at any position in the workspace using a funnel with an area of 80cm², and collect an average of 1.0-2.0mL of solution per hour. Testing time: 24 hours

Inspection Records					
sample number	1#	2#	3#	4#	5#
Appearance before the experiment	qualified	qualified	qualified	qualified	qualified
Appearance after the experiment	qualified	qualified	qualified	qualified	qualified
Performance testing before the experiment	qualified	qualified	qualified	qualified	qualified
Performance testing after the experiment	qualified	qualified	qualified	qualified	qualified
Experimental result judgment	☒ (qualified) ☐ (unqualified)				



Terminal Maintenance Force Test Report

Customer/Supplier	视源	Order No.			
Material Code	74300157	Product Name	Internal Antenna		
Test Quantity	5pcs	Test Date	2025.07.19		
Standard	GB/T2423. 2-2001	Equipment	Terminal Maintenance Force Tester		
Test Type	☐ (material) ☐ (finished product) ☒ (Sample)				
Criteria	The terminals are not loose or detached				
Test Conditions	Temperature: 18-30 °C, humidity: ≤ 80% RH Test maintenance force requirement: ≥ 0.8Kgf				
Inspection Records					
sample number	1 #	2 #	3 #	4 #	5 #
Appearance before the experiment	qualified	qualified	qualified	qualified	qualified
Appearance after the experiment	qualified	qualified	qualified	qualified	qualified
Performance testing before the	qualified	qualified	qualified	qualified	qualified
Performance testing after the	qualified	qualified	qualified	qualified	qualified
Experimental result judgment	☒ (qualified) ☐ (unqualified)				
test	Jiang Hongying	to examine	Tan Jiexin	approval	Zeng Kang

7. Packaging & Shipping Methods

Product part number: 74300157

Product Specifications: Built-in Antenna - 2.4/5G - Gray 1.13 Tin Wire - 1st Generation
Terminal - L=75mm - FPC - 38.2×6.7mm

1. Label Requirements (Refer to the finished product label requirements according to the customer's name; if there are no specific requirements, follow the standard label requirements)

interior label length 10cm, width about 6cm

demand	*****		
supplier	Sichuan Bohantong Communication		
MaterialCode	*****		
Man. Code	*****		
Spec.	*****	Inspector	**
Qty/units	*****	Date	*****
Trace Code	*****	SerialNum.	**

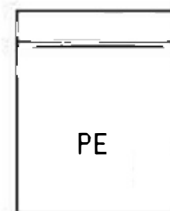
outer label length 10cm, width about 6cm

demand	*****		
supplier	Sichuan Bohantong Communication		
MaterialCode	*****		
Man. Code	*****		
Spec.	*****	Inspector	**
Qty/units	*****	Date	*****
Trace Code	*****	SerialNum.	**

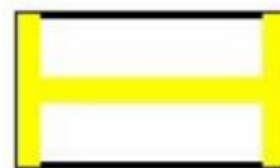
二、Packing requirements

Assignment Instructions:

1. Inner packaging:

Product: 50 PCS/small bag,
200 PCS/large bag

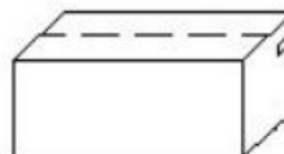
2. Outer packaging:

Quantity per box according
to actual packaging

carton

Precautions:

1. Whether to add partitions or pearl cotton
2. Attachment of labels, such as ROHS, etc.



8.(Certification of Restricted Substance)

We hereby certify that all the Material fully conform to the requirements of the ShiRui ' s Declaration of Conformity that had been signed, and the maximum concentration value of restricted substance in Materials comply with the latest 《Regulations on the management of hazardous substances.》

Raw Material Test List																	
(Customer P/N):				(Part Name)				(Vendor) Sichuan B&T Technology Co., Ltd.				(Vendor P/N):					
No	Raw Material Name	Raw Material Model	Raw Material Supplier	Banned Substance Content/ppm (禁止物质含量/ppm)										Test Lab	Test Report Number	Test Date	Attachment of tripartite test report
				Pb	Cd	Hg	Cr+6	PBBs	PBDEs	(DEHP)	(DBP)	(BBP)	(DIBP)				
1	wire	FEP	YH	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	SGS	NGBPC24007471211	2024/12/23	
		SILVER-COATED COPPER WIRE	YH	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	SGS	CANEC25000298401	2025/1/10	
		Tinned wire	YH	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CTI	A2250416468101001	2025/6/20	
2	Terminal	Phosphor Bronze	CM	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	SGS	CANEC24029407215	2025/1/8	
		PBT	CM	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CTI	A2250134628103008E	2025/3/12	
3	FFC	PI	BYK	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	SGS	SHAEC24028809005	2024/12/20	
		Tape	BYK	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	SGS	SZKEC25003068038	2025/8/28	
1. If the homogeneous material is nonmetallic, three questions need to be answered: ① Does it contain halogen ? ☐ YES ☒ NO? ② Does it contain red phosphorus ? ☐ YES ☒ No? ③ Does it contain antimony trioxide ? ☐ YES ☒ No?																	
2. If the above materials or materials belong to paint, ink, adhesive or cleaning agent, please fill in the VOC test report number in the corresponding remarks column, and attach this report to the raw material test																	

Company seal

2024-05-08