

DREAME

样品承认书

☐ 量产产品		☐ 试产产品	☒ 新项目	☐ 维修料	管理编号：	
物料信息				附件信息		
供应商名称	安信可			必要性附件	可选性附件	
物料编码	1124-0005190-003			☐ 规格书 ☐ ROHS2.0 ☐ 样品 ☐ 工程图面 ☐ 包装方式 ☐ 可靠性测试报告 ☐ 材质证明书 ☐ FAI全尺寸报告 ☐ 工艺流程图 ☐ SIP检验指导书 ☐ 性能参数表 ☐ BOM/关键器件清单	☐ CCC/CQC证书 ☐ REACH ☐ CPK报告 ☐ 其他_____	
使用该物料的设备型号						
送样类型	☐ 首次 ☐ 变更 ☐ 其他：					
物料名称	wifi天线					
规格型号	WiFi天线, 31*23mm, IPEX母座, 65mm长, 博安通					
送样时间	2025年11月17日					
承认条件						
☐ 承认			☐ 拒绝承认			
☐ 条件承认 需满足条件：			☒ 新项目导入，初次承认。			
☐ 临时承认 试产数量_____Pcs，限量_____Pcs采购。						
供方确认			需方确认			
承办人				结构	日期：	
				硬件	日期：	
审核	(盖章)			ID	日期：	
				测试	日期：	
品质				品质	日期：	
				核准	日期：	

Project: Y2507181380

Date: 2025.11.17

Ver: A0-1117

Antenna SPEC

Customer name: Dreamete

Customer project: B311

Customer P/N: _____

B&T P/N: 74220705

Spec: Built-in Antenna - 2.4G - Gray 1.13 Tin Wire - 1st Generation

Terminal - L=65mm - FPC - 31×23mm

Sealed by corporation:

compilation	verify	approval
Xuzhangjin	Qinlingshu	Liulihua

Sealed by customer:

check	verify	approval

Contact information of B&T

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表单编号: B&T-QR-EN-002 版本: B3

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3、 Product drawing

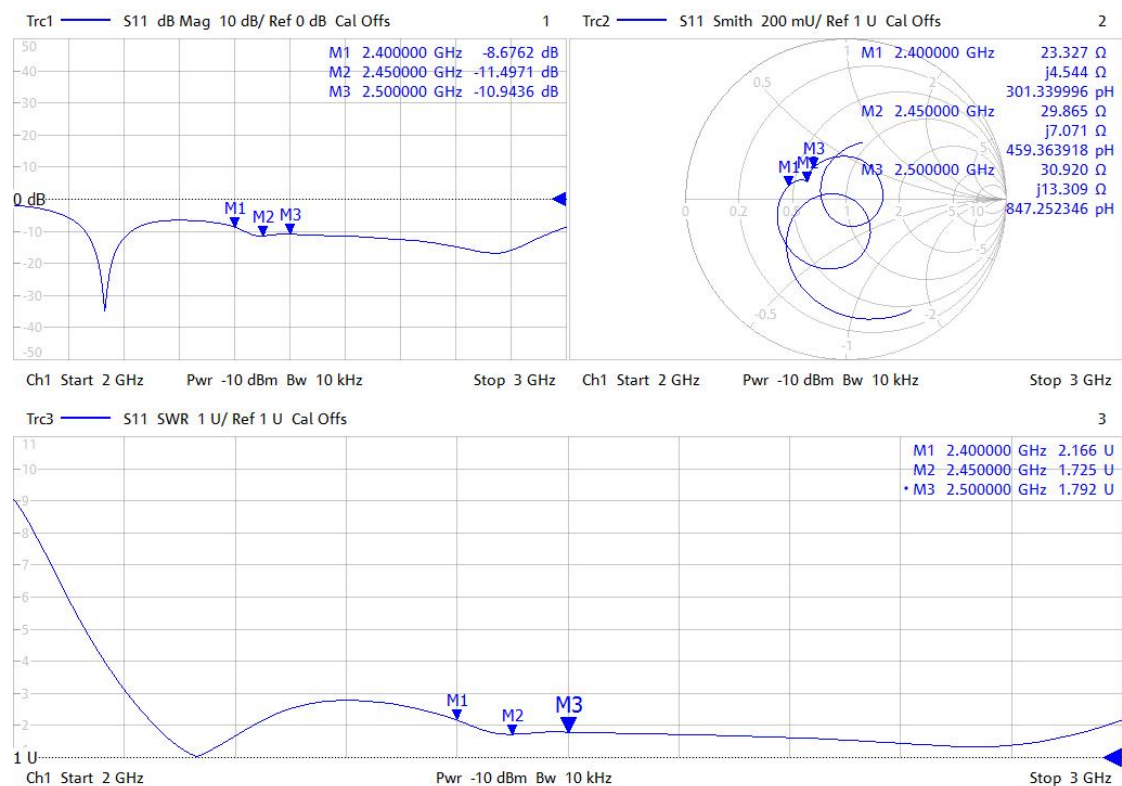
[illegible]

4、Properties ¶meter

Electrical parameter	
Freq Range	2400~2500MHz
Characteristic Impedance	50 Ω
VSWR	<3
Gain	3.85dBi
The Max input power	<10w
Polarization mode	Linear polarization
Radiation direction	omnidirectional
Joint type	Terminal
Mechanical parameter	
Length	65 $\pm$ 3mm
Terminal Retention Force	$\geq$ 0.8kgf
Coaxial cable	Gray 1.13 Tin Wire
Salt spray test	24H
Environment parameter	
Operating Temp	-30 $^{\circ}$ C~65 $^{\circ}$ C

5、Electrical test report (Whole machine testing)

➤ Antenna S11 parameter diagram



➤ Standing wave ratio data

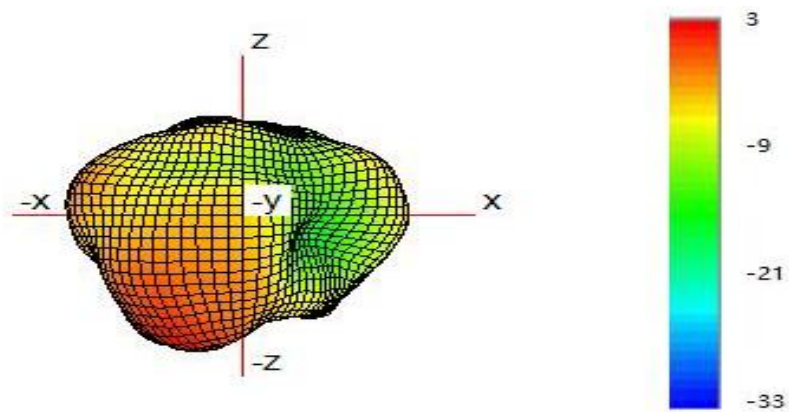
Freq/MHz	2400MHz	2450MHz	2500MHz
WIFI	2.17	1.73	1.79

Antenna darkroom test data

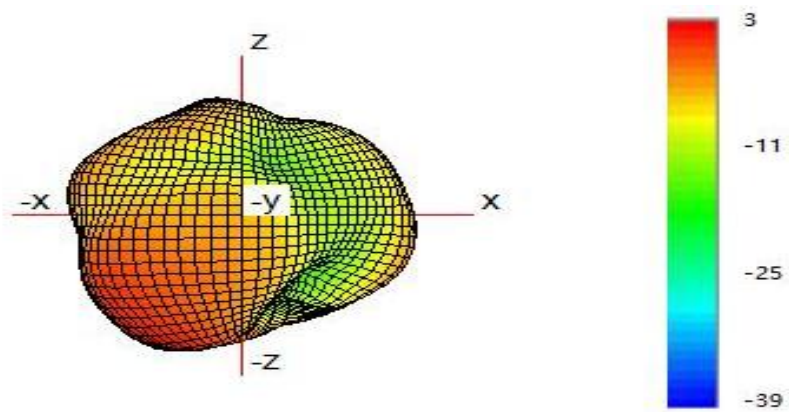
Freq(MHz)	Gain(dBi)	Efficiency(%)
2400	2.68	38.89
2410	2.76	39.11
2420	2.61	39.88
2430	2.61	40.91
2440	2.68	42.25
2450	2.90	43.39
2460	3.05	43.27
2470	3.24	43.73
2480	3.44	44.33
2490	3.61	43.97
2500	3.85	43.66

➤ Antenna direction diagram

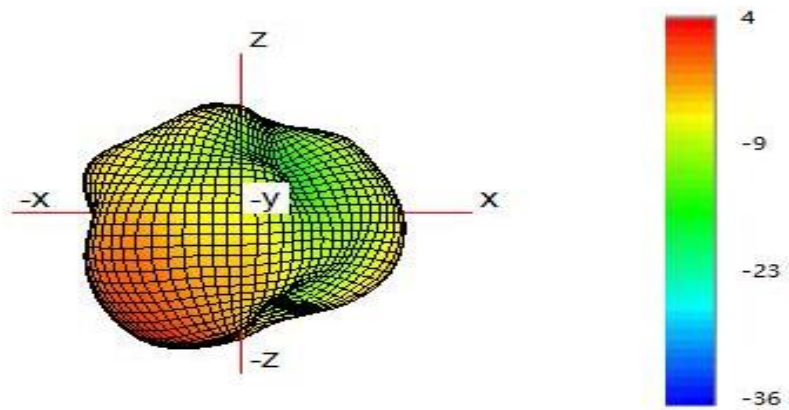
2400MHz 3D-E1-E2-H



2450MHz 3D-E1-E2-H



2500MHz 3D-E1-E2-H



Active OTA test data

样品	设备	测试项	模式	速率 (Mbps)	信道	频率 (MHz)	测试值 (dBm)
B311	CMW500	TRP	B	11	1	2412	16.47
					6	2437	17.06
					11	2462	17.69
		TIS	B	11	1	2412	-85.94
					6	2437	-85.38
					11	2462	-85.13

6、List of Material Composition and Hazardous Substances

Item order	Specific ation	Texture of material	ROHS Test Results (PPM)						ICP test number	Test time
			Cd	Pb	Hg	Cr+6	PBB	PBDE		
1	wire	FEP	ND	ND	ND	ND	ND	ND	NGBPC24007471211	2024/12/23
		Tinned wire	ND	ND	ND	ND	ND	ND	A2250416468101001	2025/6/20
2	Terminal	PBT	ND	ND	ND	ND	ND	ND	A2250134628103008E	2025/3/12
		Phosphor Bronze	ND	4	ND	ND	ND	ND	CANEC24029407215	2025/1/8
3	FPC	PI	ND	ND	ND	ND	ND	ND	SHAEC24028809005	2024/12/20
		Tape	ND	ND	ND	ND	ND	ND	SZXEC25003068038	2025/8/28

产品包装规范

PACKING CRITERION

P/N: 74220705

Spec: Built-in Antenna - 2.4G - Gray 1.13 Tin Wire - 1st Generation Terminal - L=65mm - FPC - 31×23mm

一、contents of label(according to the customer's name, refer to the corresponding finished product label production requirements. If there is no requirement, it will follow the ordinary label requirements.)

内标签 长 10cm 宽 6cm 左右

需方	*****		
供方	四川博安通通信技术有限公司		
物料编码	*****		
生产单号	*****		
品名规格	*****	检验员	**
数量/单位	*****	日期	****.***
追溯码	*****	流水号	**

外标签 长 10cm 宽 6cm 左右

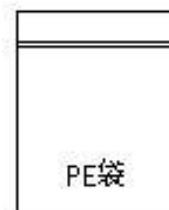
需方	*****		
供方	四川博安通通信技术有限公司		
物料编码	*****		
生产单号	*****		
品名规格	*****	检验员	**
数量/单位	*****	日期	****.***
追溯码	*****	流水号	**

二、Packing requirement

Operating description:

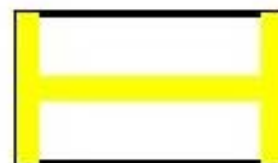
1inner packing:

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

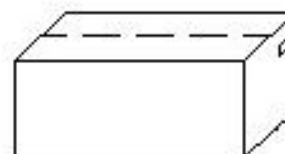


2. outer packing:

Quantity according to actual packing/carton



纸箱



Notice:

- Whether to add partitions, pearl cotton;
- Labeling, such as ROHS;

9、Reliability test requirements

Serial Number	Reliability Test Name	Experimental conditions	Judgment criteria
1	Constant temperature and humidity test	High temperature: 70 °C, humidity: 80% RH for 24 hours; Low temperature -40 °C for 24 hours; continuous for 48 hours in total;	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 discolor, crack, deform, or peel off; The electrical performance test meets the standard requirements;
2	High and low temperature thermal shock test	70 °C for 2 hours, -40 °C for 2 hours, 6 cycles, for a total of 24 hours;	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 discolor, crack, deform, or peel off; The electrical performance test meets the standard requirements;
3	Salt spray test	Prepare a (5 ± 1)% NaCl solution to ensure that the pH value of the salt solution is neutral (6.5-7.2); The pressure barrel temperature is 47 ± 1 °C, the spray pressure is kept at 1.00 ± 0.1kgf/cm ² , and the spray volume is 1.0~2.0ml/80cm ² /h; The experiment lasted for 24 hours;	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%
4	Terminal holding force test	Normal temperature and humidity; Test maintenance force requirement: ≥ 0.8 kgf;	The terminals and cables are not loose or detached; The electrical performance test after testing meets the standard requirements;
5	Terminal insertion and extraction force test	Normal temperature and humidity; The terminal and seat are connected normally, with an insertion force of 0.8~3kgf/extraction force of ≥ 0.8kgf;	The insertion/extraction force of the terminal meets the requirements, and the terminal has no defects such as detachment or damage;