

Sample Acceptance Specification

PART SHEET FOR APPROVAL

Customer Name	Shenzhen Kejinming Electronics Co., Ltd
Customer Part No	
Customer Description	
Supplier Name	Shenzhen Yishengbang Technology Co., Ltd
Supplier Model	SLK-KJM-2813H-M-200I-B
Approval date	2025-01-13

Supplier confirmation

Made By	Engineer	Approver
Fan xin zhu	Huang zhen	Lin mei cai

KJM confirmation

Approval Reason	☐ New materials ☐ Alternative materials			
Made By	Engineer			Approver
	R&D	Quality	Sales	

The admission letter requires:

1. Number of acknowledgement letters: Three copies (each acknowledgement letter matches an independent sample, which needs to be labeled with a sample label);
2. Requirements for the content of the acknowledgement letter: cover/drawing (indicating tolerances)/product specifications/test report/SGS inspection report/certification report;
3. Details: Fragile items are protected by packaging/optical components are coated with film/dust prevention considerations are required for bulk material delivery;

Supplier Name: Shenzhen Yishengbang Technology Co., Ltd

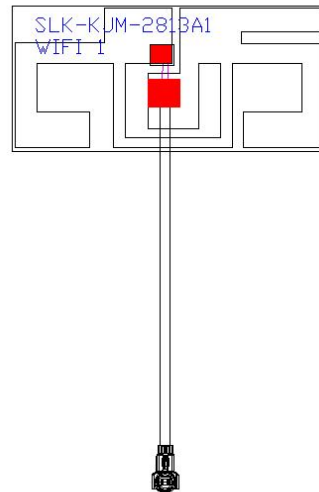
Supplier Address: 101, Building C, Qianwan Hard Technology Industrial Park,
Nanchang Community, Xixiang Street, Bao'an District, Shenzhen

Phone: 18666299104 **Fax:** 0769-82553116

Shenzhen Yishengbang Technology Co., Ltd

WIFI

1. Explanation of Product number :



Product Code:

- (1) Customer:Ke Jinming
- (2) Antenna Name:WIFI Antenna
- (3) Connector:1.13 Black wire, total length 200mm, 1st generation terminal

2. Features

- *Stable and reliable in performances
- *Compact size
- *RoHS compliance

3. Applications

- * IEEE802.11 (b/g/n/a)
- * Hand-held devices when WIFI (802.11b/g/n/a) functions are needed

4. Description

Holy bond's FPC antenna series are specially designed for WIFI (802.11b/g/n/a) applications. Based on Holy bond's proprietary design and processes, this FPC antenna has excellent stability and sensitivity to consistently provide high signal reception efficiency.

Shenzhen Yishengbang Technology Co., Ltd

5. Electrical Specifications

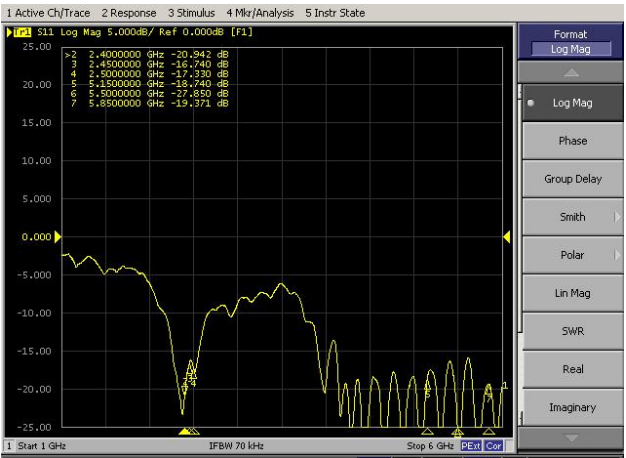
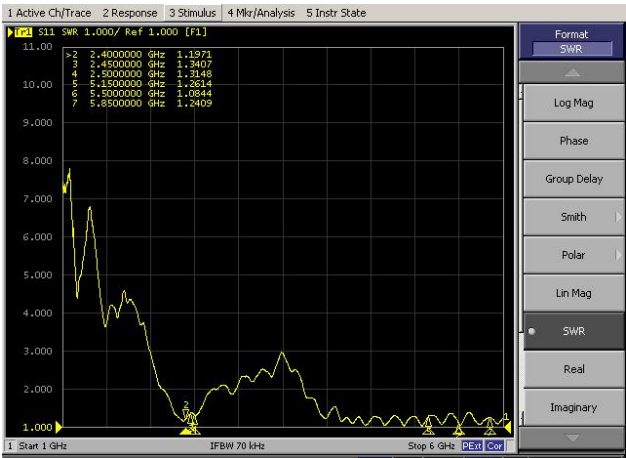
5-1

Characteristics	Specifications	Unit
Outline Dimensions	28.14x13.12x0.12	mm
Center Frequency	2.4-2.5+5.15-5.85	GHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	3max	

5-2.

VSWR

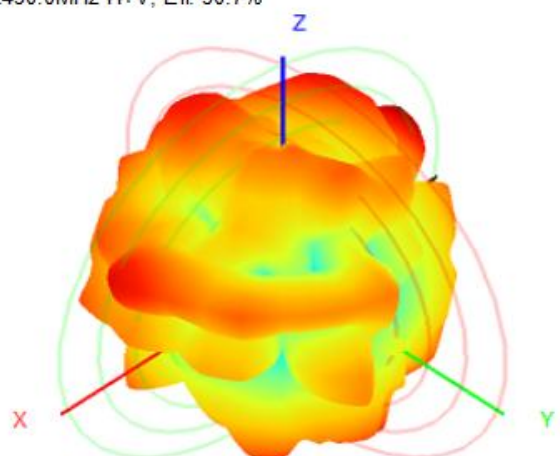
S11



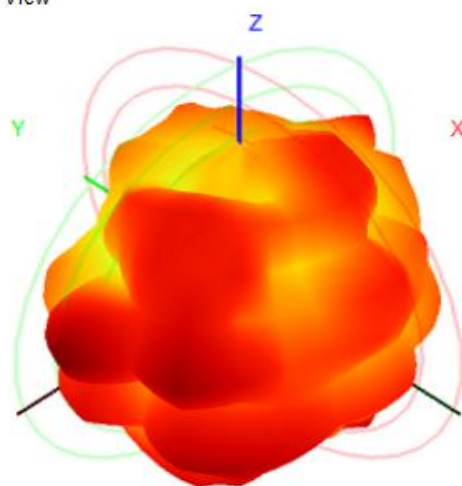
5-3.WIFI +BT Antenna Gain/Efficiency/Radiation Pattern of 3D

Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0	5150.0	5350.0	5500.0	5650.0	5850.0
Efficiency (dBi)	-2.78	-2.72	-2.77	-2.74	-2.82	-2.95	-2.96	-2.98	-2.98	-2.94	-2.91	-2.91	-2.77	-2.65	-2.93	-2.68
Gain (dBi)	2.10	2.19	2.11	2.47	2.78	2.79	2.69	2.56	2.39	2.22	2.17	2.43	2.25	2.24	2.13	2.21
Efficiency (%)	52.66	53.41	52.81	53.10	52.23	50.69	50.51	50.30	50.34	50.78	51.09	51.09	52.76	54.28	50.84	53.87

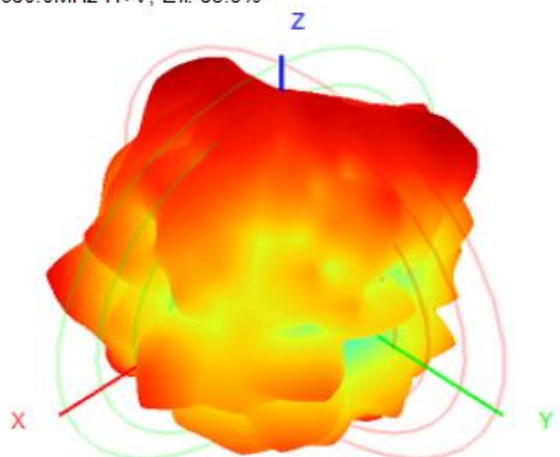
2450.0MHz H+V, Eff. 50.7%



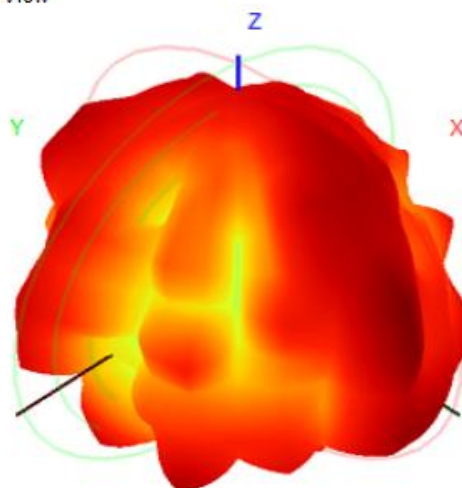
Back View



5850.0MHz H+V, Eff. 53.9%



Back View



6. Antenna Dimensions (unit: mm)

Document number		SLK-KJM-2813H-M-2001-B			Company: m		Edition	Sign	Change description	DATE
							A1		New material	25-5-8

Top view dimensions: 28.14±0.2, 13.12±0.2, 200±3.

Side view dimensions: 1.20, 2.00, 1.50.

Black 1.13 wire, one generation terminal

Technical requirements:

1. PPC base material: P1, the shaded part is copper foil, and black oil is on the front surface.
2. Sheet thickness 1 half, Back glue model: 3m300.
3. Copper exposed in red part; The surface shall be free of oil, impurities, burrs, etc.
4. Cut off the release paper by hand to avoid damaging the line.
5. Important dimensions shall be marked with "*" (the mold shall be controlled during manufacturing and must be measured during mold acceptance);
6. Cable wire Black 1.13, wire length 200mm, one generations of terminal

Design	Caillang Liu		Name	Customer item No	
To examine	Zhen Huang				
Approval					
		weight	quantity	proportion	
				1:1	
		Sheet 1 of 1			
Shenzhen Yishengbang Electronics Co., Ltd					

7. SGS Report

(天线)有害物质检测报告及MSDS报告清单表																				
序号	部品名称	均质材料名称	有害物质含量 (单位: ppm)												检测机构简称	检测报告编号	生效日期	RoHS报告附件	MSDS	备注
			Pb	Cd	Hg	Cr ⁶⁺	PBBs	PBDEs	DBP	BBP	DEHP	DIBP	Cl	Br						
1	射频线	镀锡铜线	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	CTI	A2240182175102001	2024/4/7			
		FEP	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA						
2	IPEX端子	镍镀层	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	CTI	A2240410234101002E	2024/7/11			
3		金镀层	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	CTI	A2240410234101001E	2024/7/11			
4		PBT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	SGS	A2240126395101003E	2024/3/13			
5	锡	无铅锡丝	31	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	SGS	SZXEC24000275504	2024/2/20			
6	FPC	胶纸	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	SGS	SHAEC23021627703	2023/12/27			
7		油墨	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	SGS	A2240082622101001E	2024/2/21			
8		铜材	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	SGS	SHAEC24028809006	2024/12/20			

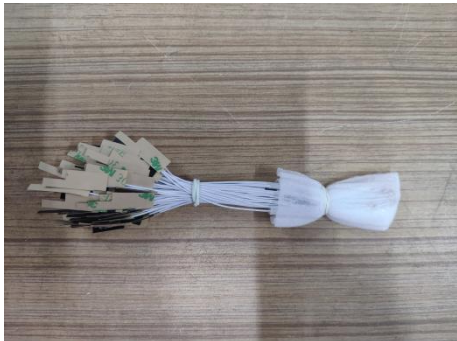
8. Inspection report

8-1 Key size inspection of samples

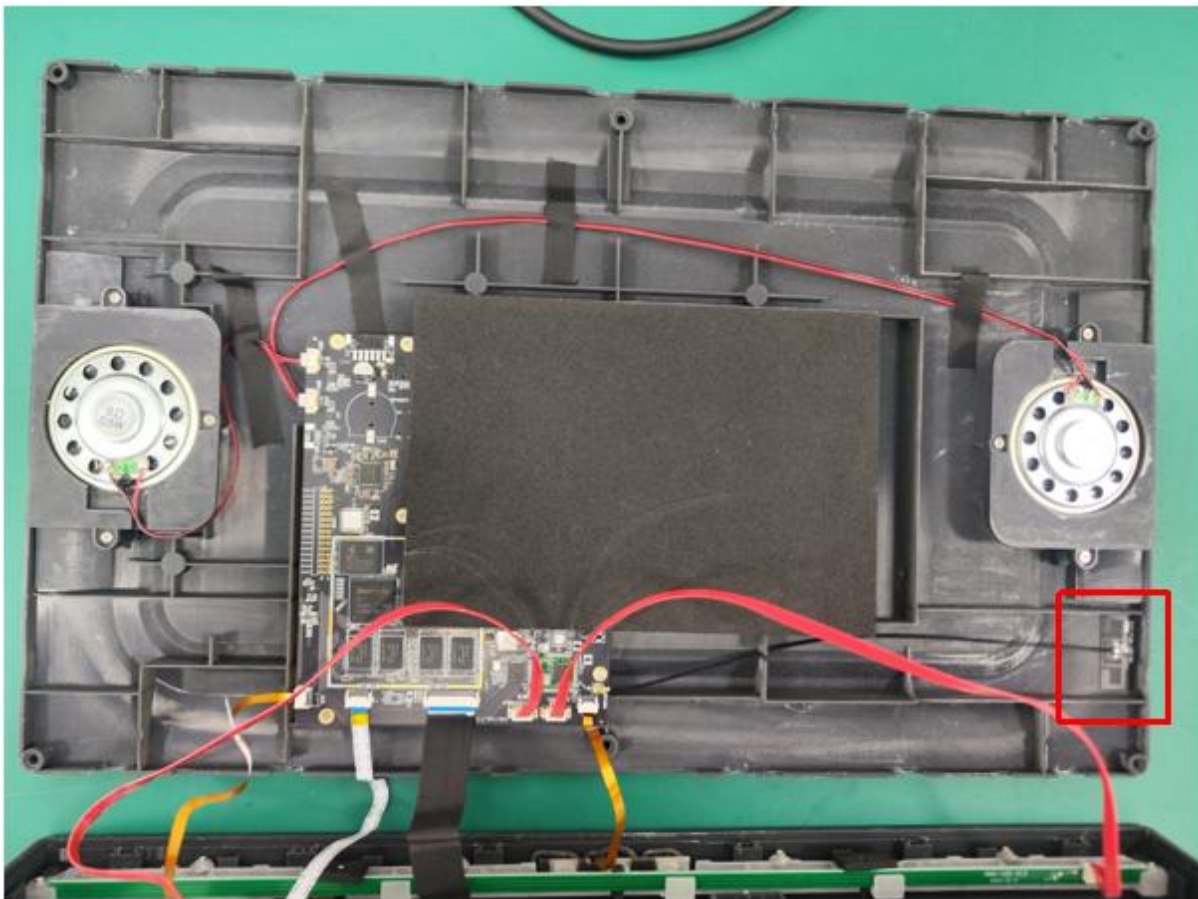
date: 2025-01-12

Customer Name	Shenzhen Kejinming Electronics Co., Ltd				
PRODUCT MODEL	SLK-KJM-2813H-M-200I-B				
Serial Number	appearance	size			
		VSWR	FPC length	FPC width	RF line length
1	OK	<2	28.14	13.12	200
2	OK	<2	28.14	13.12	200
3	OK	<2	28.14	13.12	200
4	OK	<2	28.14	13.12	200
5	OK	<2	28.14	13.12	200
Note: The standing wave ratio of the antenna is less than 2, and the dimensional tolerance is in accordance with the drawing specifications.					

9.Packing (Example)

customer:	product:	colour:			
Customer part number:	Our company's part number:	date: 2024.11.7			
  1. After conducting a full inspection of the appearance and performance of a single antenna according to the inspection manual, the quality department will wrap 50 pieces per bundle. 2.The production line packages 200PCS per bag.   4.Sealed and weighed, placed in the finished product warehouse, waiting for shipment. 3.According to the customer's label requirements, label and pack the goods. Note: Inner packaging: 200PCS per pack Outer packaging: cardboard box size 480X280X300mm, 10000PCS per box. According to the actual order quantity, there may be differences in the size of the cardboard boxes. Produce different inner and outer packaging labels according to different customers. <tr><td>Engineering Department: Fan xin zhu</td><td>Quality department: Guo liang</td><td>approval: Huang zhen</td></tr>			Engineering Department: Fan xin zhu	Quality department: Guo liang	approval: Huang zhen
Engineering Department: Fan xin zhu	Quality department: Guo liang	approval: Huang zhen			

10. Antenna Picture



Shenzhen Yishengbang Technology Co., Ltd