



SHENZHEN YINGJIACHUANG TECHNOLOGY ELECTRONIC CO. LTD

<http://www.szsyjc.com>

# 零件承认书

## Approval Sheet

Supplier : Shenzhen Yingjia Chuang Electronic Technology Co., LTD

Part Name : 2.4G Built-in antenna

Part Code :

Version : V1.0

Material Code : YJC-6N000-B315

Date : April 18, 2022

### Supplier confirmation

check	Proposed title/date	Review / date	Ratification/Date
Huang Teng	Huang Teng	Peng Huang	Xiao Han

### Customer confirmation

Quality/date	Research / Date	Product Manager / Date



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# APPROVAL SHEET

CUSTOMER NAME	823	
CUSTOMER P/N	112010211	
PART NAME	2.4G Built-in antenna	
P/ N	YJC-6N000-B315	
APPROVAL REV.	A0	
DELIVERY DATE	April 18, 2022	
PREPARED BY	Huang Teng	
CHECKED BY	Peng Huang	
APPROVED BY		
Customer Approved		
Approved By	Checked By	Prepared By

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## Directory

1、 The cover.....	1
2、 Directory.....	2
3、 Revised resume.....	3
4、 The antenna's floor plan.....	4
5、 Antenna technology parameters.....	5
6、 Environmental performance testing.....	5
7、 Antenna physical picture.....	6
8、 Antenna performance test chart.....	6



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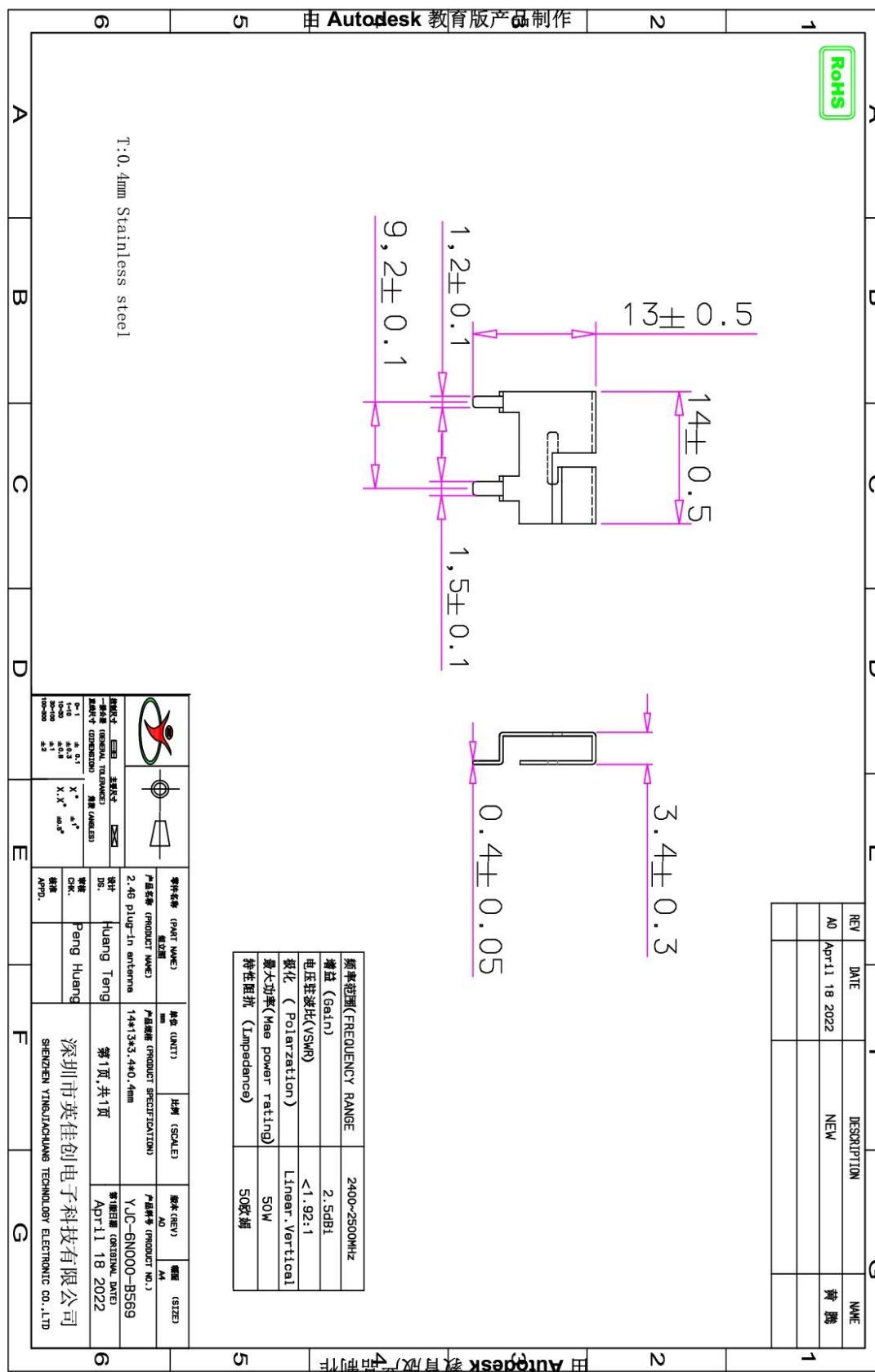
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## Revised resume:

Version	Change contents and reasons	Date	Issue
A0	NEW	April 18, 2022	



## The antenna's floor plan:





## Antenna technical parameters and environmental testing:

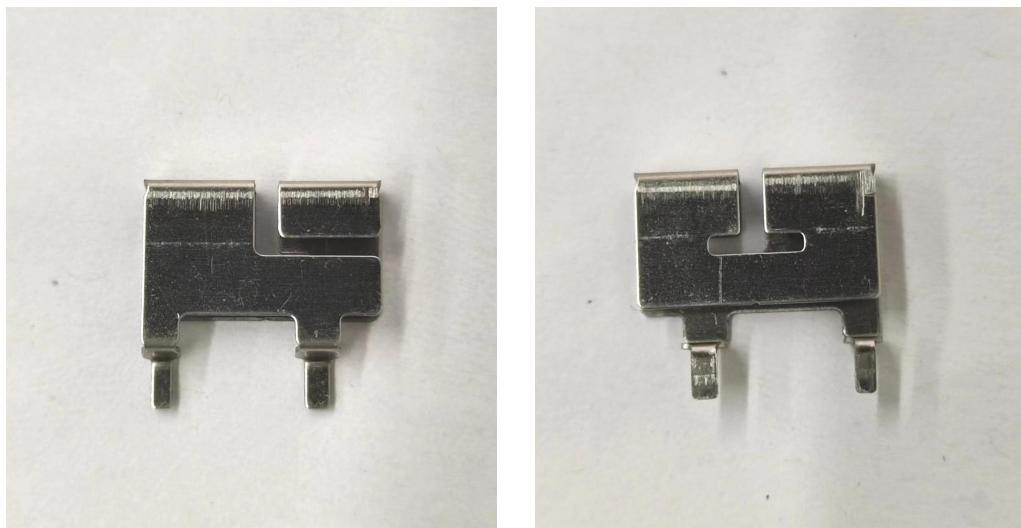
Electrical parameters of electrical apparatus			
Electrical Specifications		Mechanical Specifications	
Frequency Range	2400–2500MHz	Input connector	OPEN
VSWR	<1.92:1		
Input Impedance	50 Ω	Antenna material	Stainless steel
Direction	All	Working Temperature	-20°C~+70°C
Gain	2.5 dBi	Working Humidity	20%~80%

## Environmental performance test:

project	test condition	standard
Storage Conditions	In the absence of specified test temperature, humidity, air pressure is as follows: 1. Temperature is - 20 °C ~ + 70 °C 2. Relative humidity of 45% to 45% 3. Air pressure is 86 kpa to 106 kpa	Electrical and mechanical properties is normal
high and low temperature test	Between 70 °C and -20 °C for 5 loops, then 1-2 h under normal conditions, check the appearance quality.	Size should meet the requirements and should satisfy the content with the electrical and mechanical properties
Constant damp and hot resistance test	95 + / - 3% relative humidity, temperature test: 40 °C. Lasts 2 h after, try to take out the determination of electrical properties, within 5 min after try 1-2 h under article normal thing, check the appearance quality	Size should meet the requirements and should satisfy the content with the electrical and mechanical properties
vibration test	10–55 hz, vibration frequency range of displacement amplitude: 0.35 MM, acceleration amplitude: 50.0 M/S, sweep cycles: 30 times	Electrical and mechanical properties is normal
fall down test	1 m high altitude in accordance with the perpendicular axis free drop 3 times	Electrical and mechanical properties is normal



Antenna physical picture:



Antenna performance test chart:

