

源创星电子（深圳）有限公司

Yuanchuangxing electronics (Shenzhen) CO., LTD.

Customer Name: 慧眼视讯

Customer Moder: 8401HD

Customer P/N: 41-1420000113

Customer Describe:

YCX P/N: YCX98N-400

Customer Describe: 洋白铜2.4G/5G 双频天线

PRODUCT SPECIFICATION

Signature and seal of confirmation					
YCX Approved			Customer Approved		
Sample	audit	approved	validation	audit	approved
邹杨辰	王春江				
YCX Approved By			Customer Approved By		
Date	2022-10-13		Date	2022-10-13	

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File for amendment/revocation/resume

[illegible]

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REV.		CHANGE DESCRIPTION		DATE	SIGNATURE
A1		New		2022.10.13	xyz

洋白铜镀镍
厚度0.4mm

Technical requirements:

- Electrical parameters:
 - Impedance : 50Ω
 - Frequency : 2.4~2.5GHz&&5.15~5.85GHz
 - VSWR : < 2.5
- Mechanical properties:
 - Storage Temperature Range: -40 TO +85° C
 - Operating Temperature Range: -40 TO +85° C
- All material must meet ROHS request
- Mark(△)as the key control dimensions

				TOLERANCE		源创星电子（深圳）有限公司 Yuanchuangxing electronics (Shenzhen) CO., LTD.			
④			1	PCS	.XXX	±0.05	DRAWN BY	xyz	PART NO.: YCX98N-400
③			1	PCS	.XX	±0.1			
②			1	PCS	.X	±0.2	CHECKED BY	Mike	TITLE: 洋白铜镀镍插焊式2.4G/5G L18.7*W12.75*H0.4
①			1	PCS	XL	±0.25			
					UNIT	AS DIMENSION	APPROVED BY	Sky	
NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	QTY	UNIT	MATERIAL	AS DIMENSION	SCALE : 1 : 1		CAD FILE:

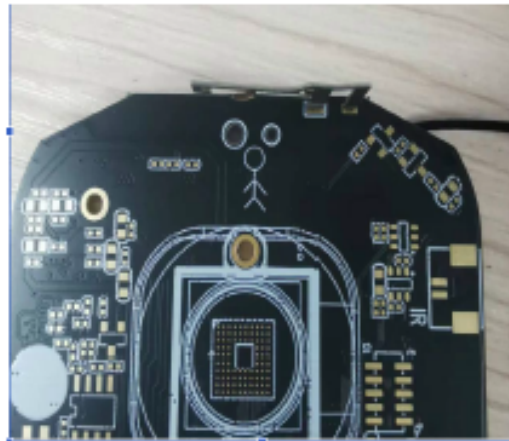
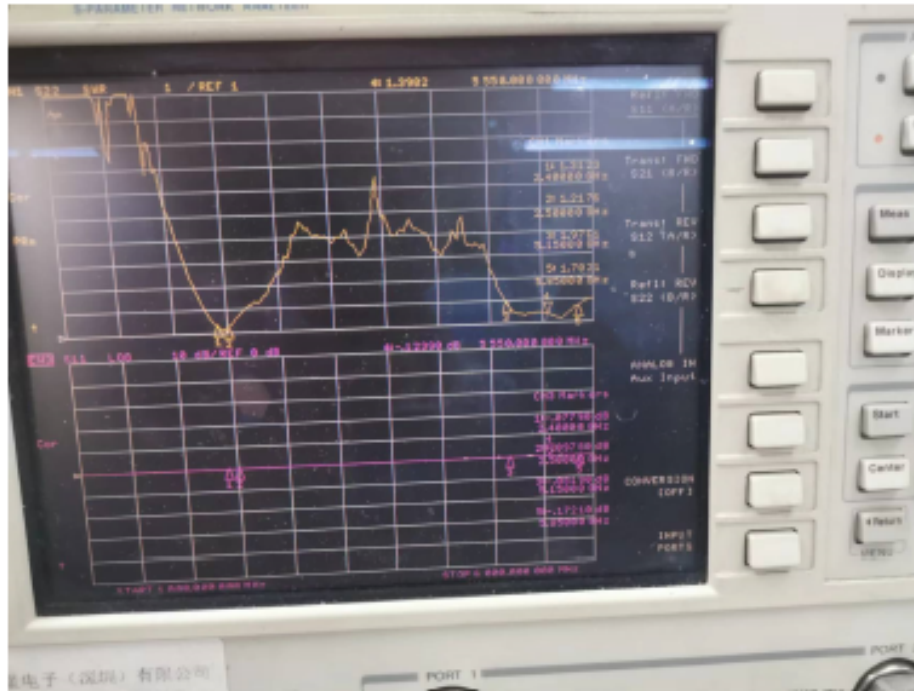
www.yuanchuangxing.cn

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5、Passive performance test parameters

Frequency(GHz)	2.4	2.45	2.5	5.15	5.55	5.85
VSWR	1.31	1.18	1.21	1.97	1.39	1.70



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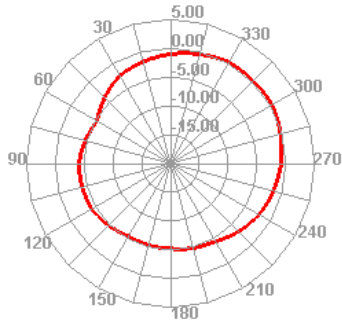
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6、 2D、 3D Performance figure

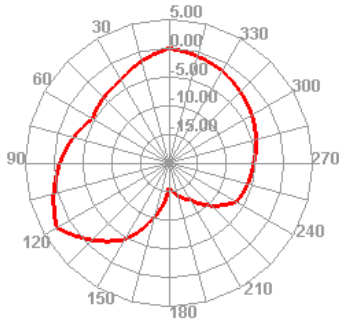
Passive Test For WiFi

Freq (MHz)	Effi (%)	Gain (dBi)		
2400	65	2.52		
2450	69	3.07		
2500	69	2.97		
5150	50	1.17		
5500	60	2.44		
5850	65	2.30		

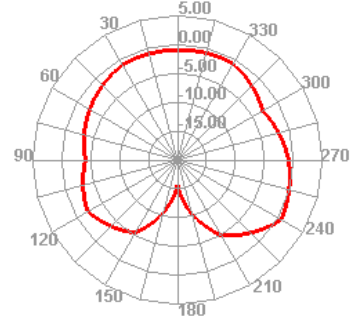
2400.000MHz H



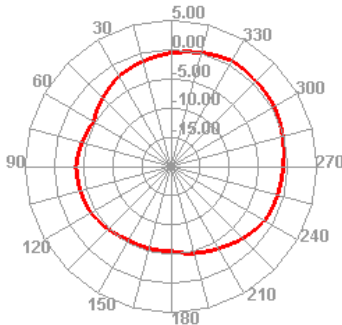
2400.000MHz E1



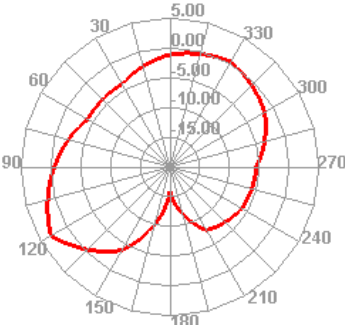
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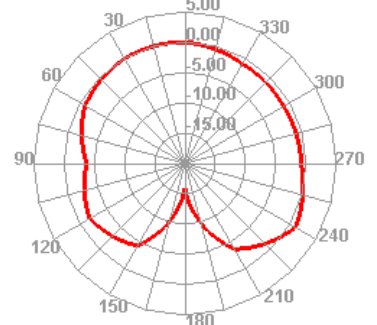
2450.000MHz H



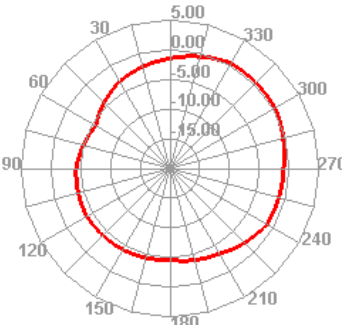
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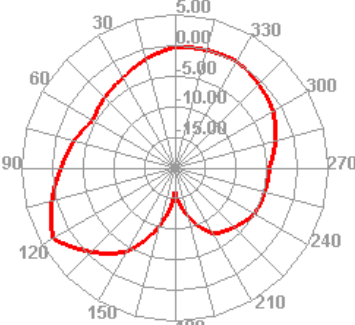
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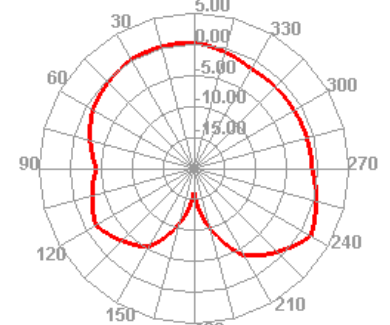
2500.000MHz H



2500.000MHz E1



2500.000MHz E2

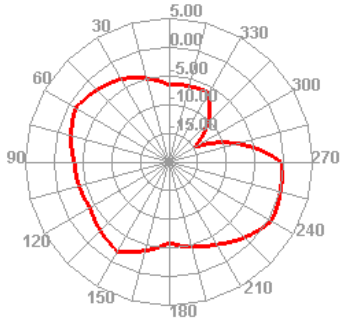


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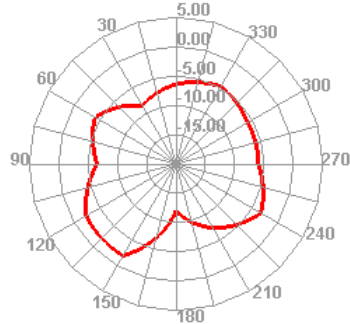
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6、 2D、 3D Performance figure

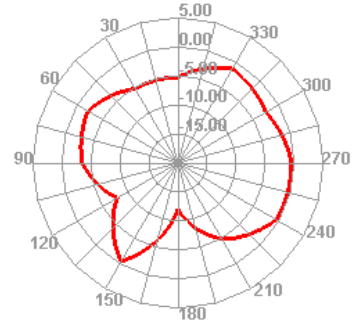
5150.000MHz H



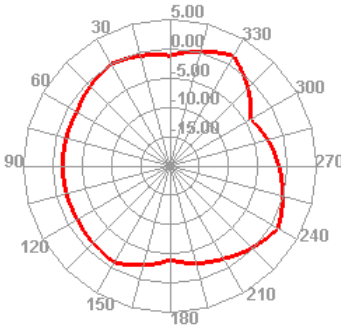
5150.000MHz E1



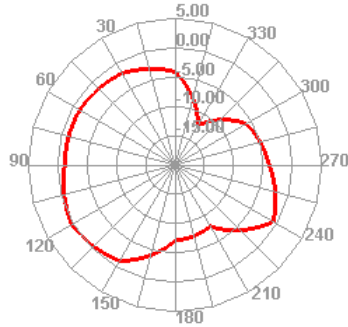
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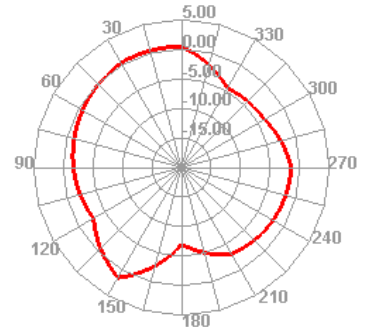
5500.000MHz H



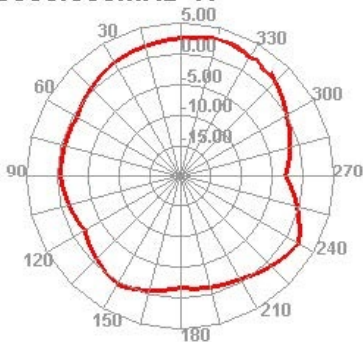
5500.000MHz E1



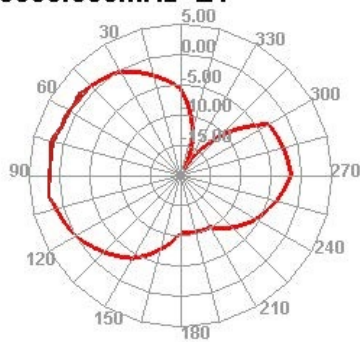
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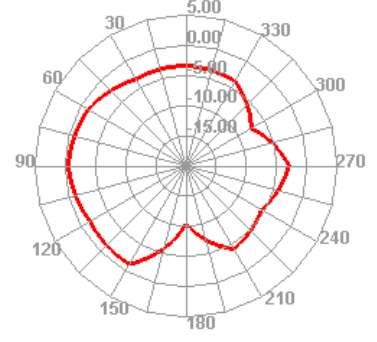
5850.000MHz H



5850.000MHz E1



5850.000MHz E2



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7、Electrical performance test report

Electrical parameters		
Frequency range		2.4GHz-2.5GHz&&5.15-5.85Ghz
input impedance		50Ω
VSWR		<2.0 对照样品测试图形
Gain	2.4G-2.5G	MAX 3.07dBi
	5.15G-5.85G	MAX 2.44dBi
Polarization mode		Vertical polarization
Radiation direction		omnidirectional
connection method		IPEX
机械参数		
Cable		
Salt spray test		
Environmental parameters		
Working temperature		-40~85℃