

源创星电子（深圳）有限公司

Yuanchuangxing electronics (Shenzhen) CO., LTD.

Customer Name: _____

Address: Room 303, Building A, No. 164 Junxin Road, Niuhe Community,
Guanlan Street, Longhua District, Shenzhen City

: _____

Customer Describe: _____

YCX P/N: YCX98W-W324-SMAMF

Customer Describe: 白色圆杆双频WIFI SMA公头母针天线

PRODUCT SPECIFICATION

Signature and seal of confirmation					
YCX Approved			Customer Approved		
Sample	audit	approved	validation	audit	approved
Zouyc					
YCX Approved By			Customer Approved By		
Date	2021-03-09		Date	2021-03-09	

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File for amendment/revocation/resume

[illegible]

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www.yuanchuangxing.cn		7	6	5	4	3	2	1
REV.		CHANGE DESCRIPTION			DATE	SIGNATURE		
A1		New			2020.06.03	zyc		

Technical requirements:

- Electrical parameters:
 - Impedance : 50Ω
 - Frequency : 2400-2500MHz&&5150-5850Mhz
 - VSWR : < 2.0
 - Peak Gain : 5dBi
 - Polarization : Linear
 - Radiation Patten: Omni directional
- 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

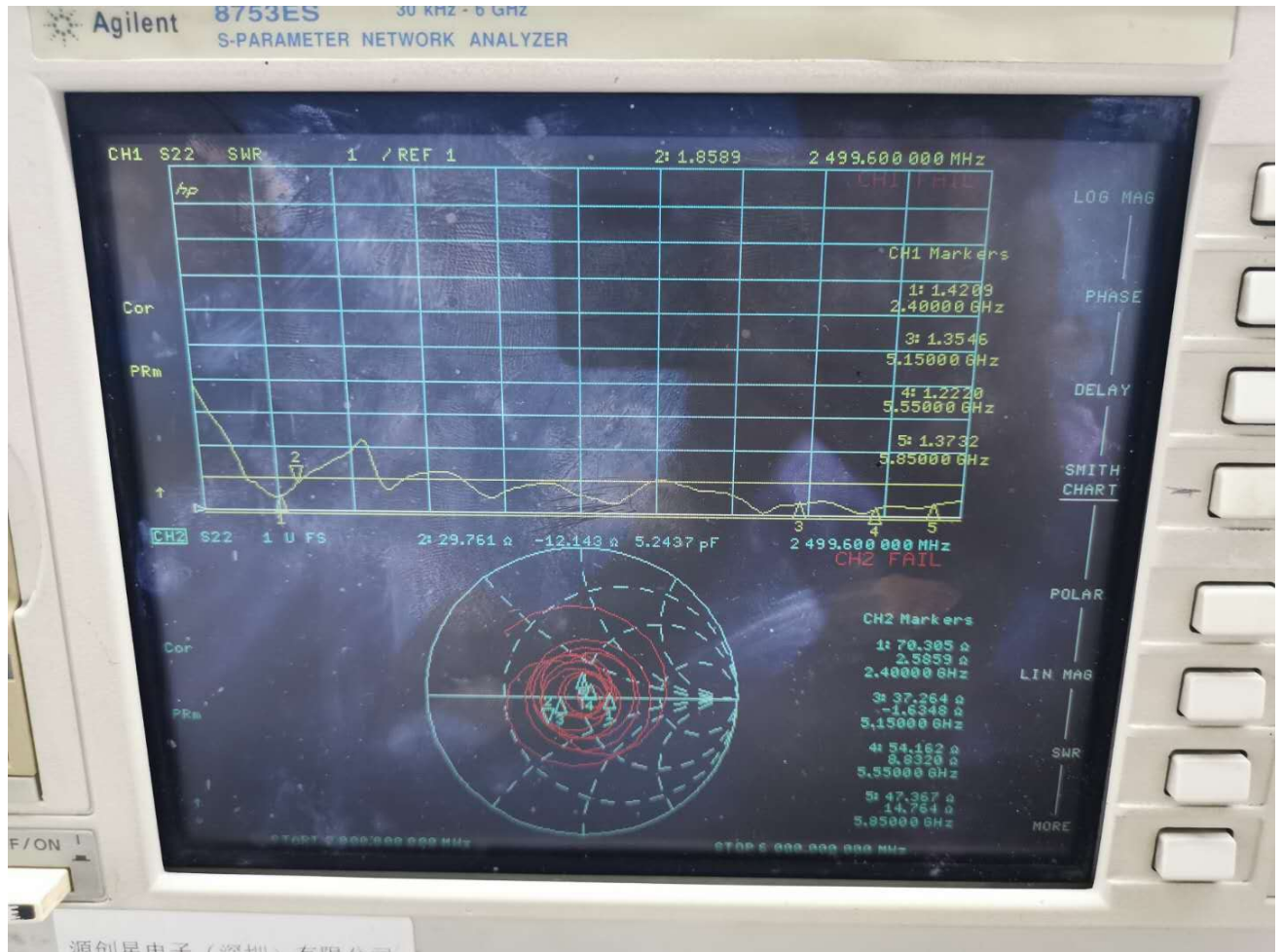
NO.		PART OR IDENTIFYING NO.		NOMENCLATURE OR DESCRIPTION		QTY	UNIT	TOLERANCE		Yuanchuangxing electronics (Shenzhen) CO., LTD.	
								AS DIMENSION	SCALE : 1 : 1	CAD FILE:	DWG TYPE: PRODUCT DRAWING
⑥						1	PCS	.XXX ±0.05		DRAWN BY	zyc
⑤						1	PCS	.XX ±0.1		CHECKED BY	Mike
④	SMA接头	白色, 公头母针				1	PCS	.X ±0.2		APPROVED BY	Sky
③	下固	L25.3*φ13 白色				2	PCS	.X ±0.25		PART NO.: YCX98W-W324-SMAMF	
②	上固	L28.2*φ13 白色 免打铆钉				1	PCS	.XX ±1		TITLE: 白色圆杆双频5dBi SMA公头母针	
①	杆套	L154*φ13 白色				1	PCS	.XXX ±2			

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5、Passive performance test parameters

Frequency(GHz)	2.4	2.45	2.5	5.15	5.55	5.85
VSWR	1.42	1.60	1.85	1.35	1.22	1.37



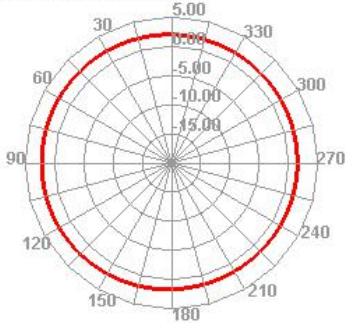
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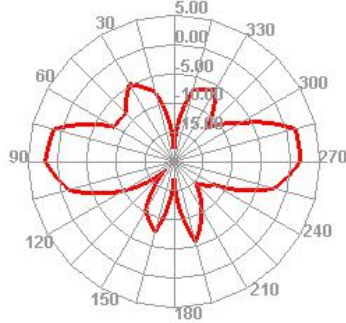
6、2D、3D Performance figure

Passive Test For WiFi				
Freq (MHz)	Effi (%)	Gain (dBi)		
2400	80	3.11		
2450	81	3.25		
2500	82	3.56		
5150	75	4.17		
5500	76	5.10		
5850	75	5.15		

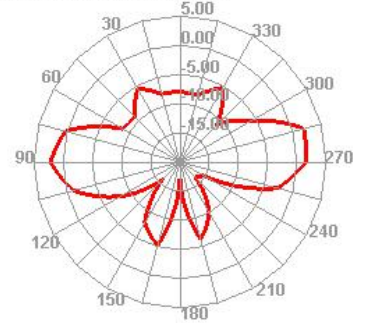
2400.000MHz H



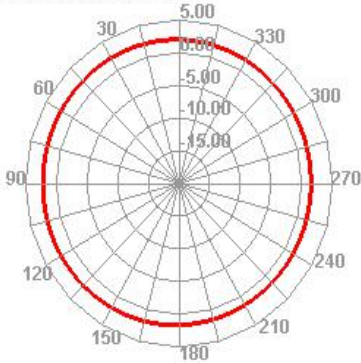
2400.000MHz E1



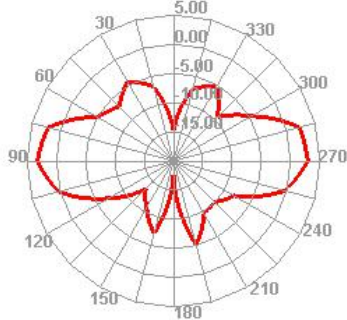
2400.000MHz E2



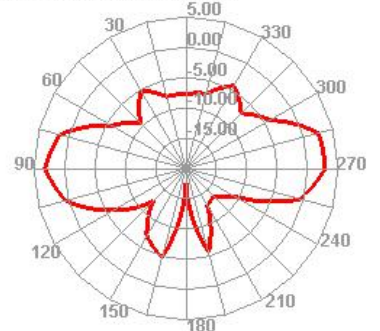
2450.000MHz H



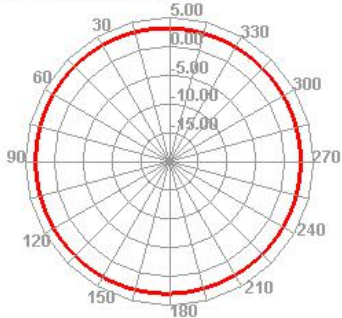
2450.000MHz E1



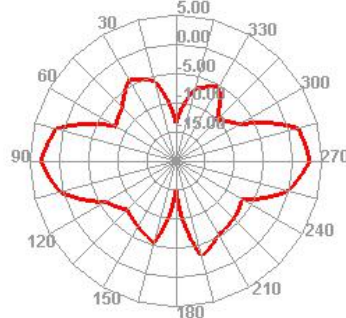
2450.000MHz E2



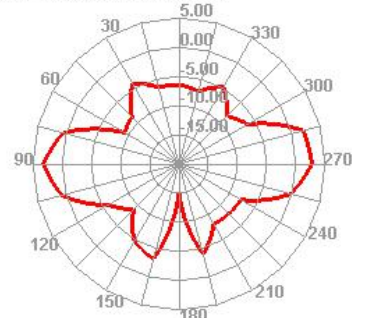
2500.000MHz H



2500.000MHz E1



2500.000MHz E2

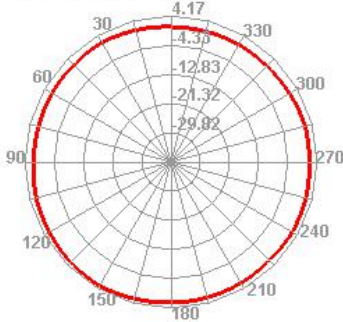


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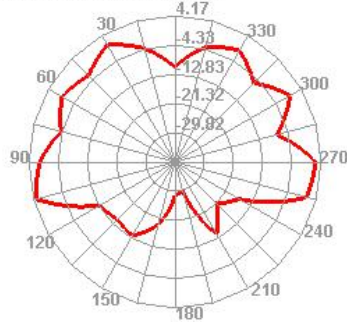
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6、 2D、 3D性能图

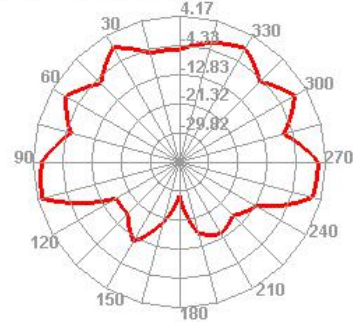
5150.000MHz H



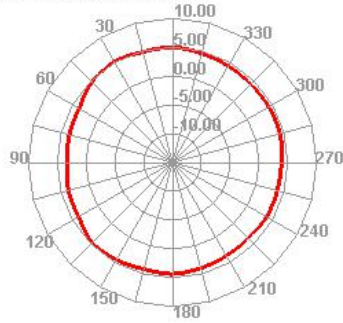
5150.000MHz E1



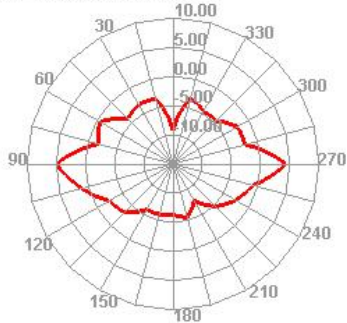
5150.000MHz E2



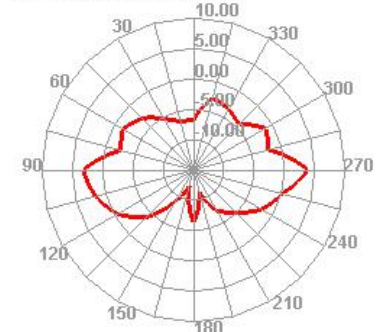
5500.000MHz H



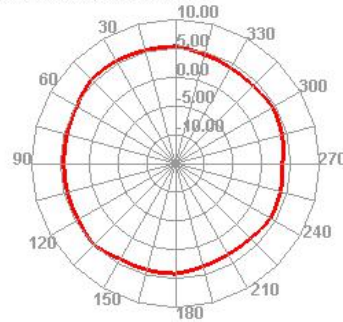
5500.000MHz E1



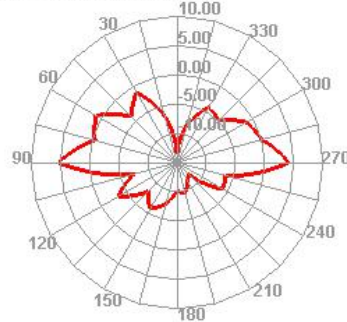
5500.000MHz E2



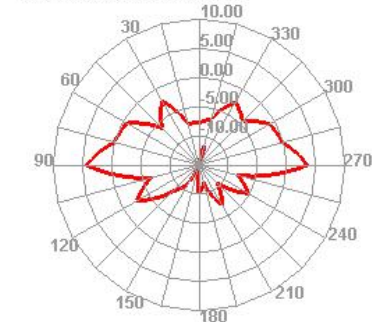
5850.000MHz H



5850.000MHz E1



5850.000MHz E2



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7、Electrical performance test report

Electrical parameters	
Frequency range	2.4GHz-2.5GHz
input impedance	50Ω
VSWR	<2.0 对照样品测试图形
Gain	2.4G MAX 3.56dBi && 5GMAX 5.15dBi
Polarization mode	Vertical polarization
Radiation direction	omnidirectional
connection method	SMA
机械参数	
Cable	RG178 Brown
Environmental parameters	
Working temperature	-40~85℃