

源创星电子（深圳）有限公司

Yuanchuangxing electronics (Shenzhen) CO., LTD.

Customer Name:

Customer Moder:

Customer P/N:

Customer Describe:

YCX P/N:

Customer Describe:

YCX Address:

TY-Q5天线

YCX98W-B1505-250B

黑色防水WIFI双频天线，黑色1.13线长250mm带端子

Room 303, Building A, No. 164, Junxin Road, Guanlan Street,
Longhua District, Shenzhen, Guangdong Province, China

PRODUCT SPECIFICATION

Signature and seal of confirmation

YCX Approved

Sample

audit

approved

Zonyc

Wang Jun

Xu Junbo

Date

2025-03-15

源创星电子（深圳）有限公司

Yuanchuangxing electronics (Shenzhen) CO., LTD

File for amendment/revocation/resume

[illegible]

3、Directory

1、directory.....	1
2、File for amendment/revocation/resume.....	2
3、directory.....	3
4、Product drawings.....	4
5、Passive performance test paramete.....	5
6、2D、3D Performance figure.....	6
7、Electrical performance test report.....	7

Yuanchuangxing electronics (Shenzhen)CO.,LTD.

www.yuanchuangxing.cn		7	6	5	4	3	2	1		
							REV.	CHANGE DESCRIPTION	DATE	SIGNATURE
							A1	New	2024.12.11	zyc

1.13 Black

Technical requirements:

- Electrical parameters:
 - Impedance : 50Ω
 - Frequency : 2400-2500MHz & 5150-5850MHz
 - VSWR : < 2
 - Peak Gain : 3.35 dBi MAX
 - 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

⑥						TOLERANCE		源创星电子(深圳)有限公司 Yuanchuangxing electronics (Shenzhen) CO., LTD.			
⑤						.XXX	±0.05	DRAWN BY zyc CHECKED BY Mike APPROVED BY Sky	PART NO.: YCX98W-B1505-250B	TITLE: 黑色 防水扇形WiFi天线 黑色1.13线长250±5带端子	
④	防水圈	黑色			.XX	±0.1					
③	端子	1.13端子	1	PCS	.X	±0.2					
②	线材	1.13黑色	1	PCS	X	+0.25					
①	注塑件	黑色 123.2mm	1	PCS	XX.	±1					
NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION			QTY	UNIT	MATERIAL	AS DIMENSION	SCALE : 1 : 1	CAD FILE:	DWG TYPE

8

7

6

5

4

3

2

1

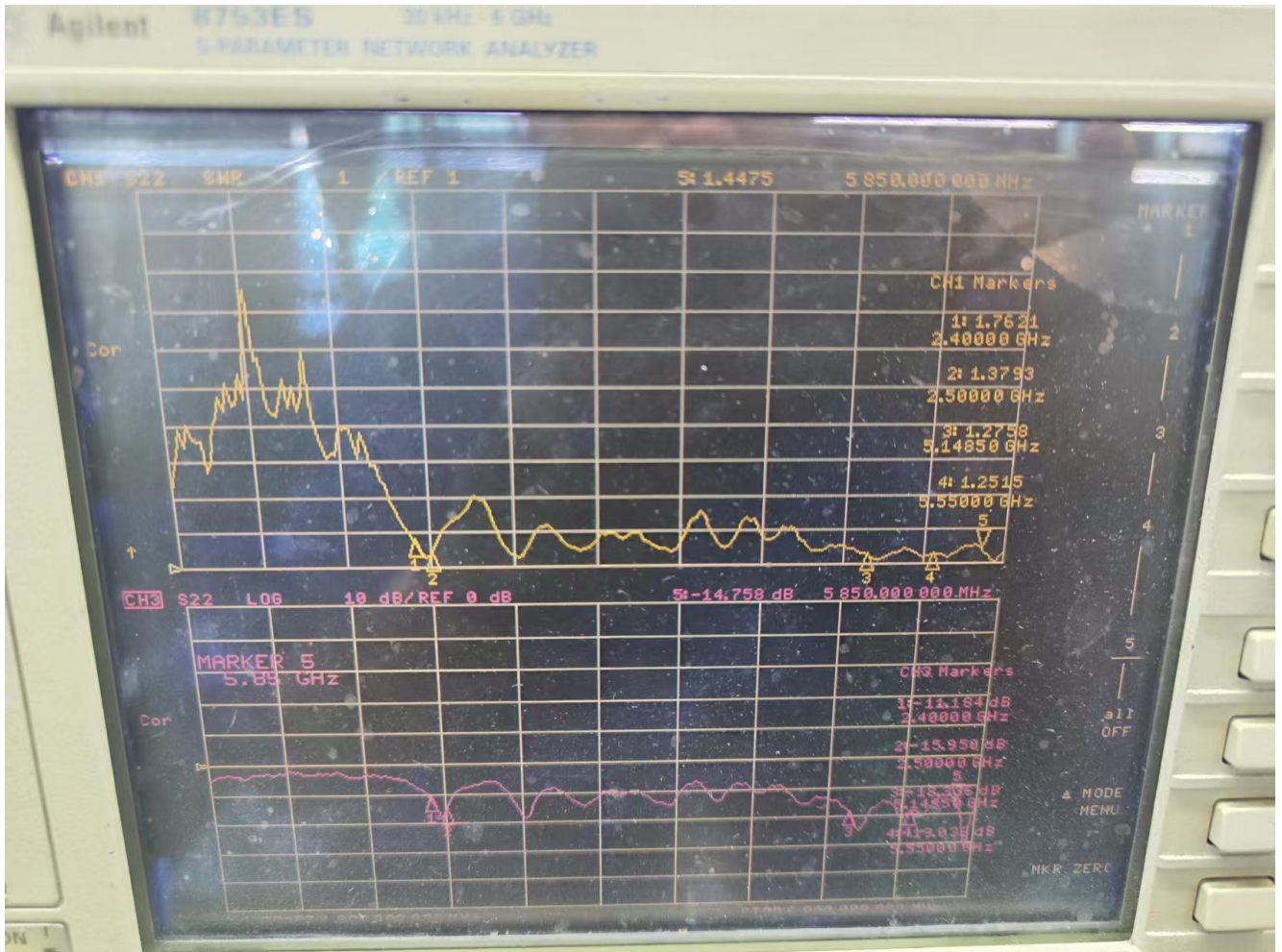
www.yuanchuangxing.cn

源创星电子（深圳）有限公司

Yuanchuangxing electronics (Shenzhen) CO., LTD.

5、Passive performance test parameters

Frequency(GHz)	2.4	2.45	2.5	5.15	5.55	5.85
VSWR	1.76	1.22	1.37	1.27	1.25	1.44



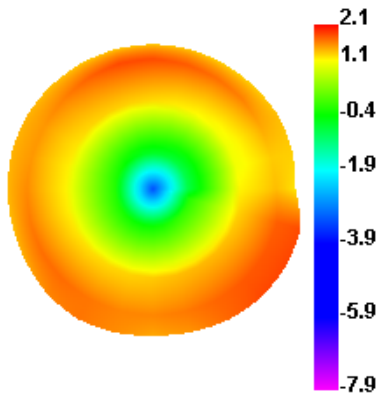
源创星电子（深圳）有限公司

Yuanchuangxing electronics (Shenzhen) CO., LTD.

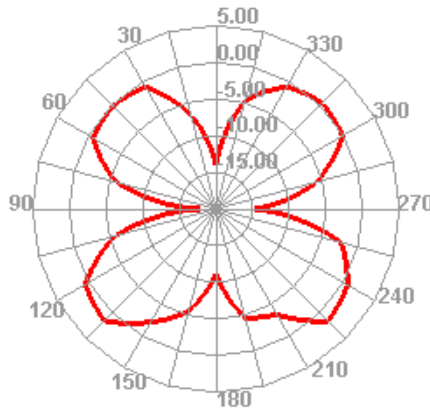
6、2D、3D Performance figure

Passive Test For WiFi				
Freq (MHz)	Effi (%)	Gain (dBi)		
2400	66	2.10		
2450	66	2.57		
2500	69	2.94		
5150	68	2.54		
5500	62	3.35		
5850	52	1.62		

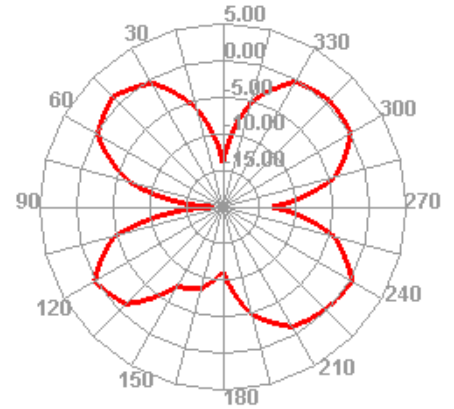
2400.000MHz



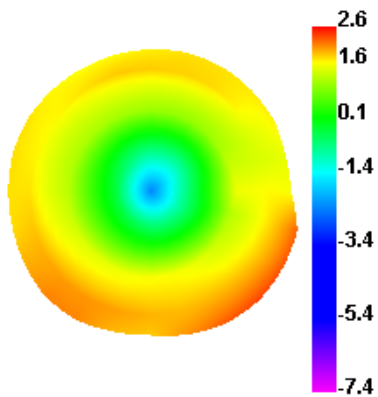
2400.000MHz E1



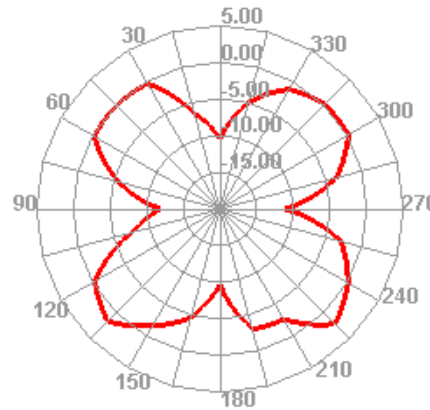
2400.000MHz E2



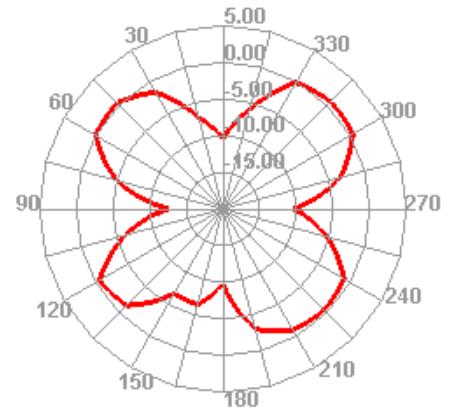
2450.000MHz



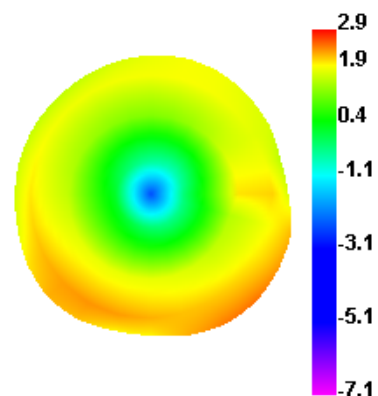
2450.000MHz E1



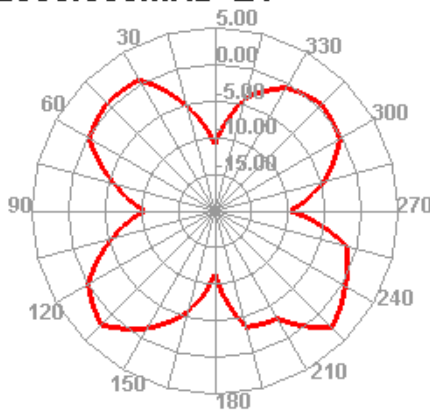
2450.000MHz E2



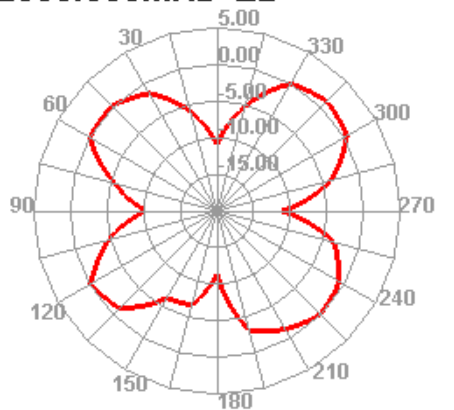
2500.000MHz



2500.000MHz E1



2500.000MHz E2

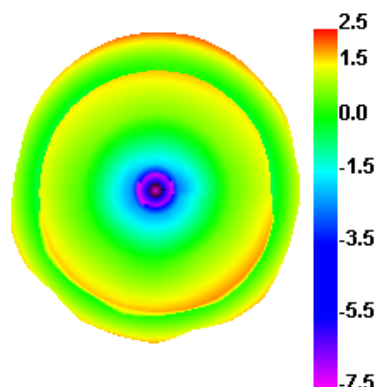


源创星电子（深圳）有限公司

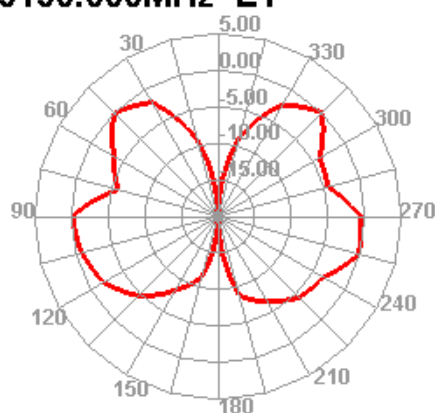
Yuanchuangxing electronics (Shenzhen) CO., LTD.

6、2D、3D Performance figure

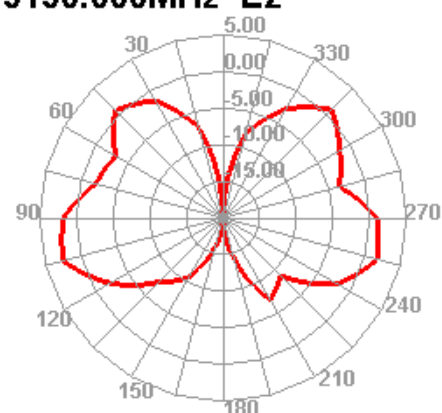
5150.000MHz



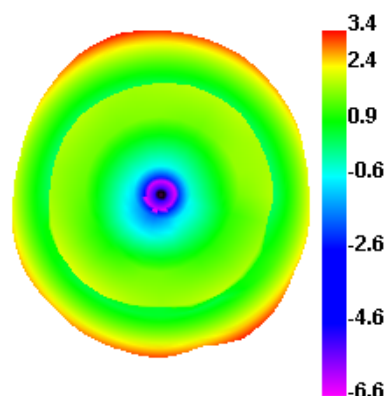
5150.000MHz E1



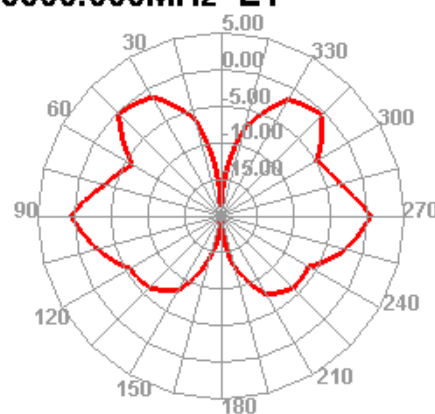
5150.000MHz E2



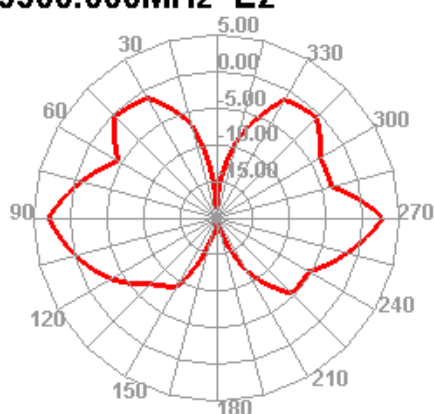
5500.000MHz



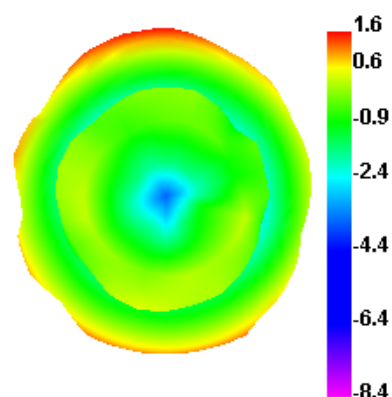
5500.000MHz E1



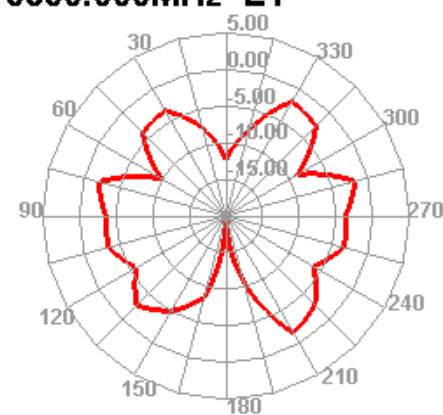
5500.000MHz E2



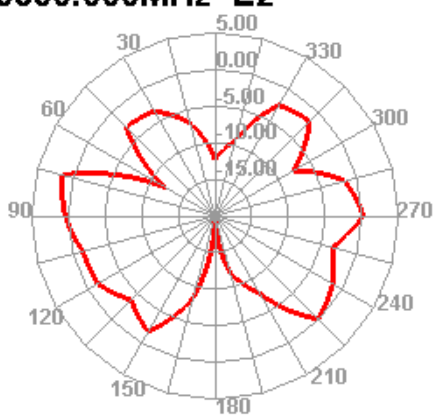
5850.000MHz



5850.000MHz E1



5850.000MHz E2



源创星电子（深圳）有限公司

Yuanchuangxing electronics (Shenzhen) CO., LTD.

7、Electrical performance test report

Electrical parameters	
Frequency range	2400-2500Mhz&&5150-5850Mhz
input impedance	50Ω
VSWR	<2.0
Gain	3.35dBi MAX
Polarization mode	Vertical polarization
Radiation direction	omnidirectional
connection method	IPEX
Mechanical parameters	
Cable	
Salt spray test	
Environmental parameters	
Working temperature	-20~65℃