

源创星电子（深圳）有限公司

Yuanchuangxing electronics (Shenzhen) CO., LTD.

Customer Name: 乐为

Customer Moder:

Customer P/N: 1. ANT. ANT8044125001

Customer Describe:

YCX P/N: YCX09N-B671-80B

Customer Describe: 5G brass tube antenna (φ4.4*12.5)

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	2023-5-4		Date	2023-5-4	

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File for amendment/revocation/resume

[illegible]

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		7		6		5		4		3		2		1	
												REV.		CHANGE DESCRIPTION	
												A1		New	
														DATE 2023.05.04	
														SIGNATURE zyc	

Technical requirements:

- Electrical parameters:
 - Impedance : 50 Ω
 - Frequency : 5150-5850Mhz
 - VSWR : < 2.0
 - Peak Gain : 2dBi
 - Polarization : Linear
 - Radiation Patten: Omni directional
- All material must meet ROHS request

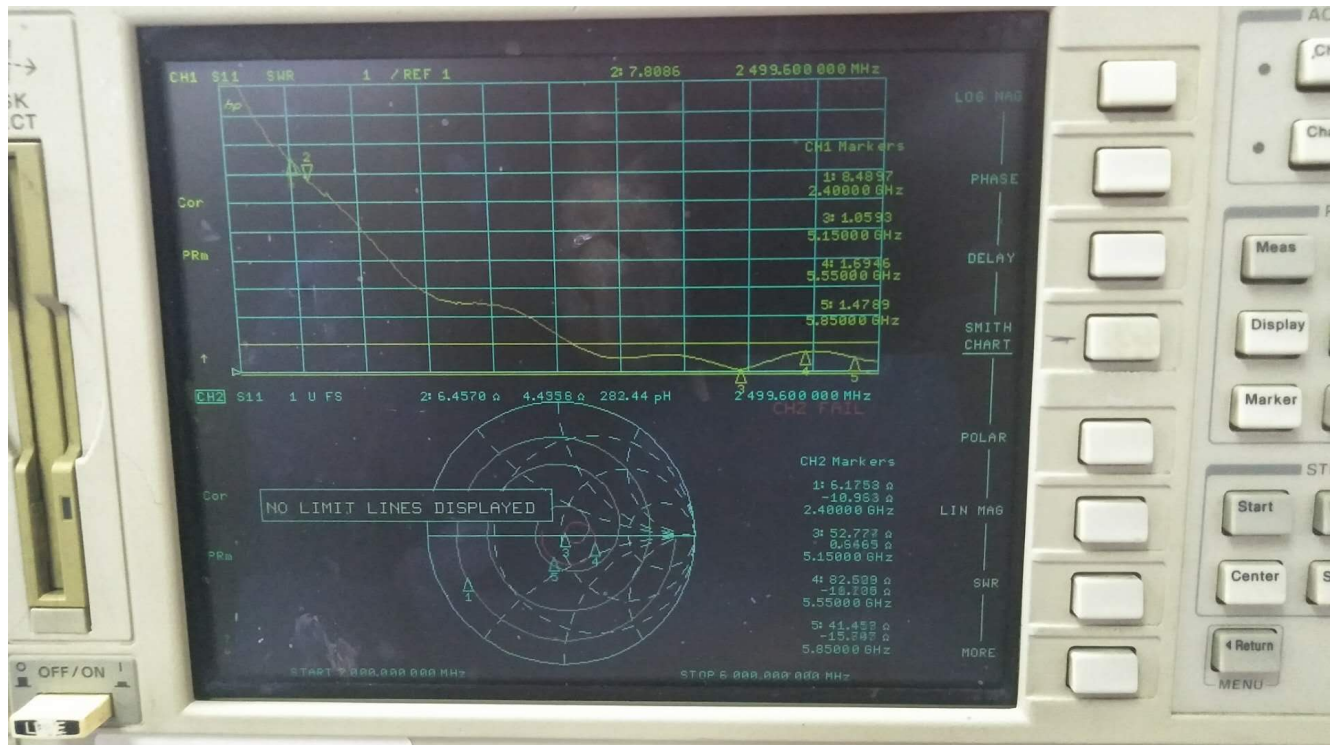
⑥					TOLERANCE		源创星电子（深圳）有限公司 Yuanchuangxing electronics (Shenzhen)CO.,LTD.						
⑤					. XXX ±0.05 . XX ±0.1 . X ±0.2 . X. ±0.25 XX. ±1 XXX. ±2		DRAWN BY		zyc	PART NO.: YCX09N-B671-80B			
④	connect	1.13 IPEX	1	PCS			CHECKED BY		Mike				
③	Cable	1.13 Black	1	PCS									
②	Brass Tube	Φ4.4*12.5 Nickel plating	1	PCS			APPROVED BY		Sky				
①	Heat Tube	Black	1	PCS									
NO.		PART OR IDENTIFYING NO.		NOMENCLATURE OR DESCRIPTION		QTY	UNIT	MATERIAL	AS DIMENSION	SCALE : 1 : 1		CAD FILE:	DWG TYPE: PRODUCT DRAWING

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5、Passive performance test parameters

Frequency(MHz)	5150	5500	5850	
VSWR	1.05	1.69	1.47	



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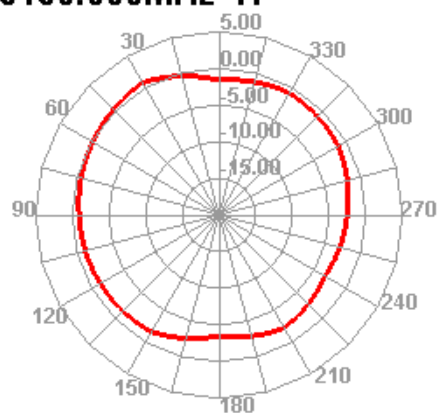
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6、2D、3D Performance figure

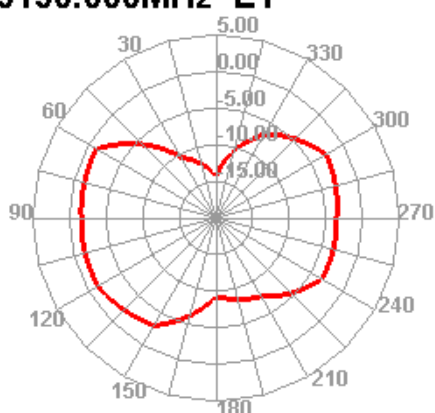
Passive Test

Freq (MHz)	Effi (%)	Gain (dBi)		
5150	72	1.71		
5500	74	2.22		
5850	75	2.32		

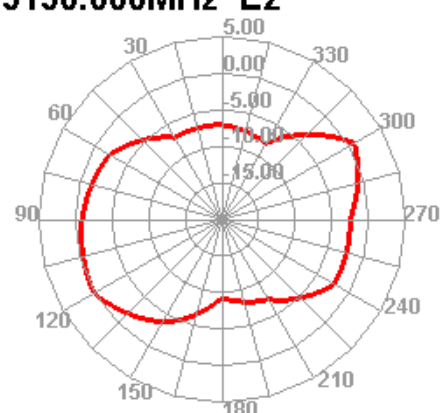
5150.000MHz H



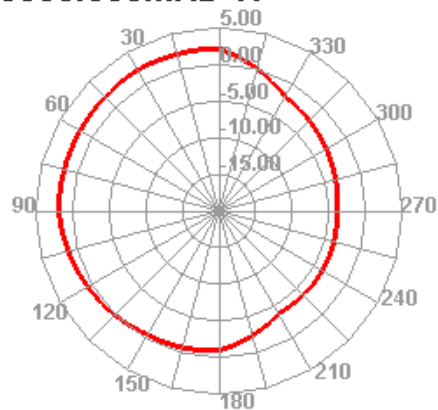
5150.000MHz E1



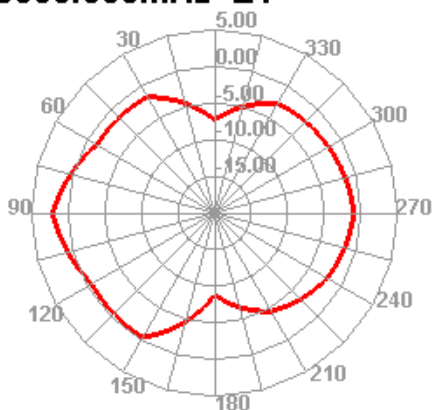
5150.000MHz E2



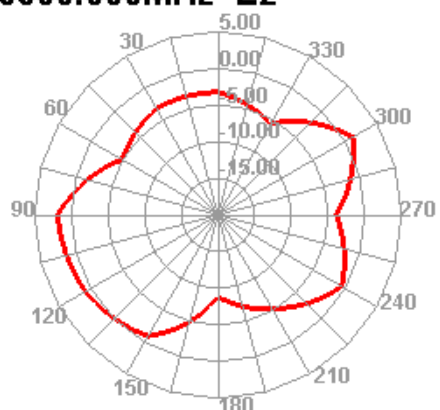
5500.000MHz H



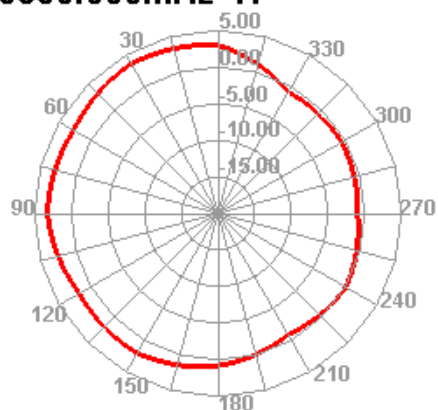
5500.000MHz E1



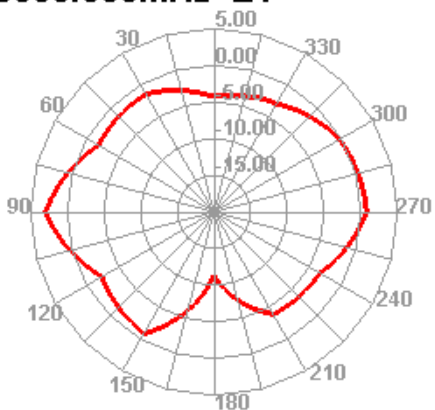
5500.000MHz E2



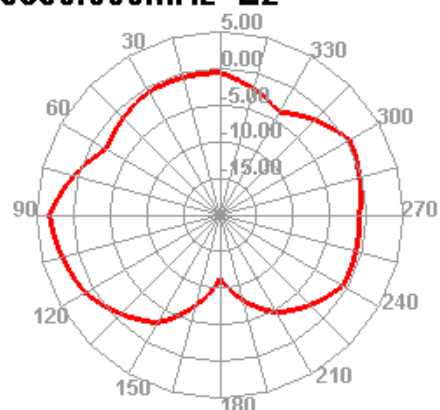
5850.000MHz H



5850.000MHz E1



5850.000MHz E2



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7、Electrical performance test report

Electrical parameters	
Frequency range	5150-5850Mhz
input impedance	50Ω
VSWR	<2.0
Gain	2.32dBi MAX
Polarization mode	Vertical polarization
Radiation direction	omnidirectional
connection method	IPEX
Mechanical parameters	
Cable	
Salt spray test	
Environmental parameters	
Working temperature	-20~65℃