

# 源创星电子（深圳）有限公司

Yuanchuangxing electronics (Shenzhen) CO., LTD.

Customer Name: 乐为

Customer Model:

Customer P/N: 1. ANT. ANT904412501

Customer Describe:

YCX P/N: YCX09N-B791-90B

Customer Describe: 5G brass tube antenna (φ 4.4\*12.5) 1.13 cable Length=90mm

## 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	2023-6-6		Date	2023-6-6	

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## File for amendment/revocation/resume

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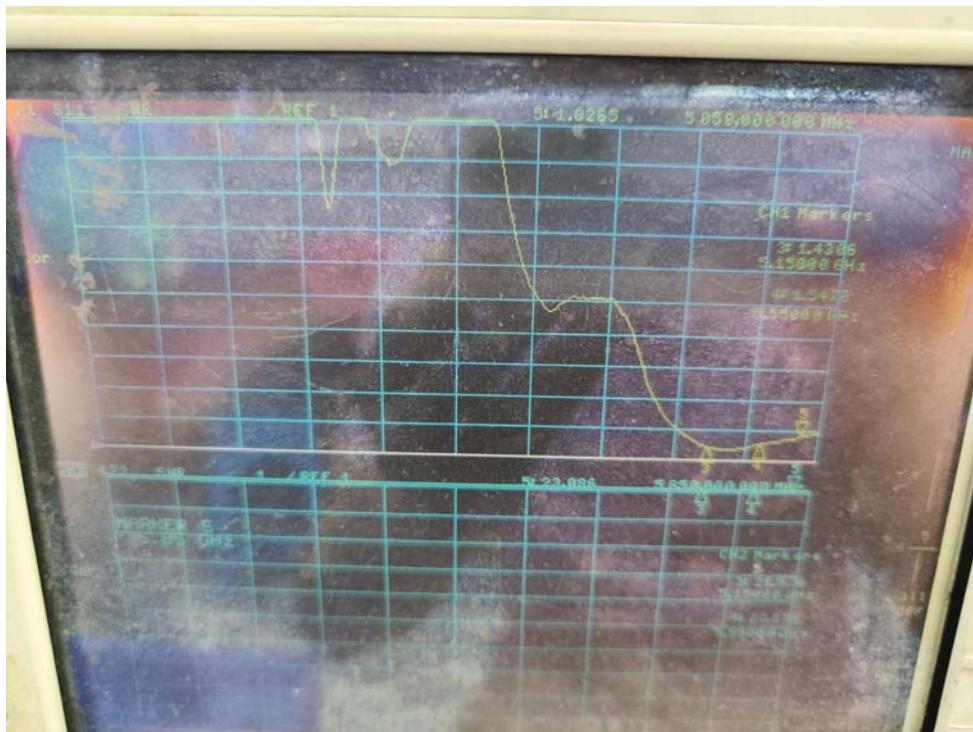
#### 4、Product drawings

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## 5、Passive performance test parameters

Frequency(MHz)	5150	5500	5850	
VSWR	1.43	1.54	1.83	



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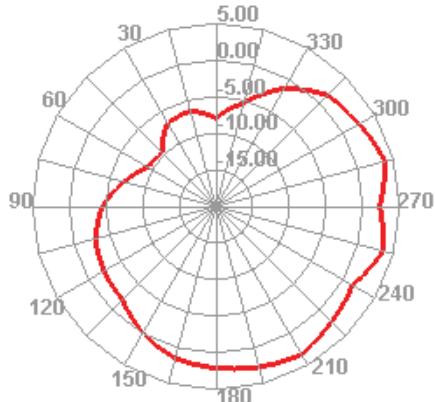
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## 6、2D、3D Performance figure

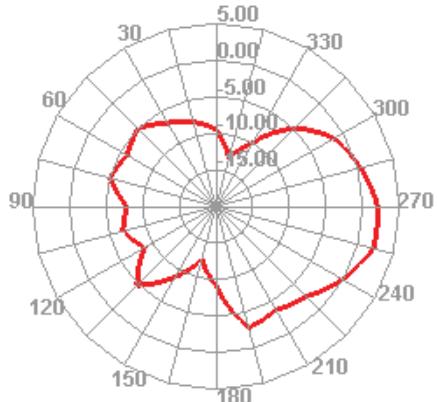
Passive Test

Freq (MHz)	Effi (%)	Gain (dBi)	
5150	67	2.71	
5500	64	2.82	
5850	65	2.92	

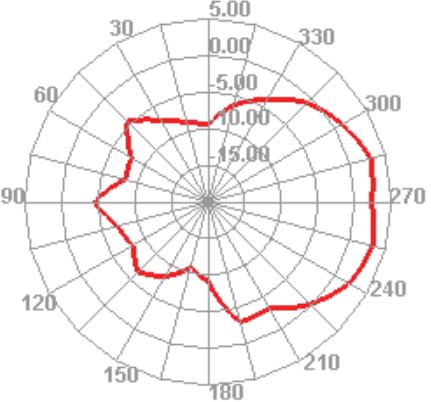
5150.000MHz H



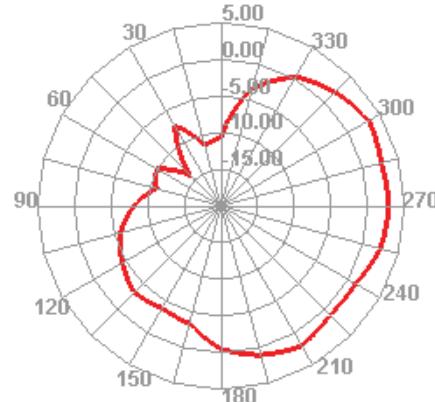
5150.000MHz E1



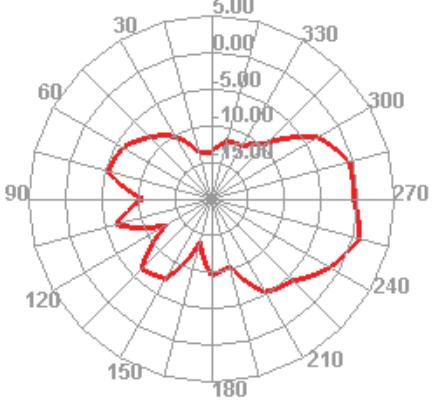
5150.000MHz E2



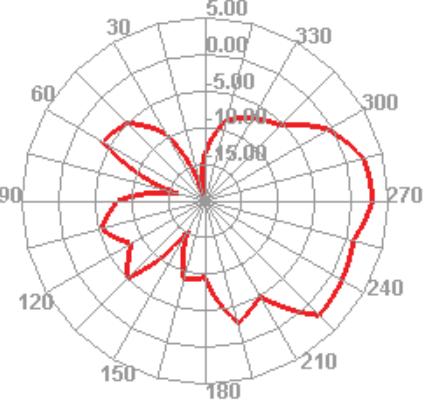
5500.000MHz H



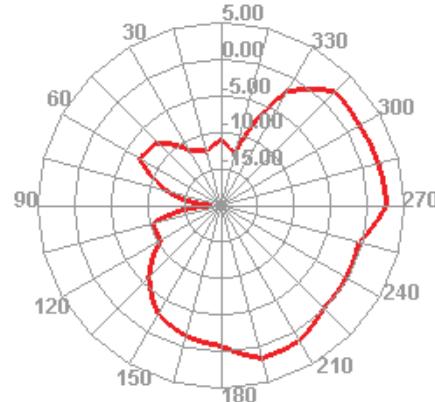
5500.000MHz E1



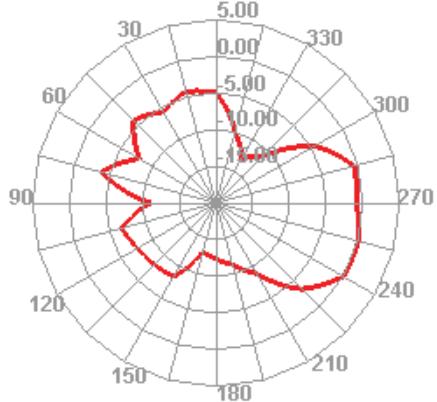
5500.000MHz E2



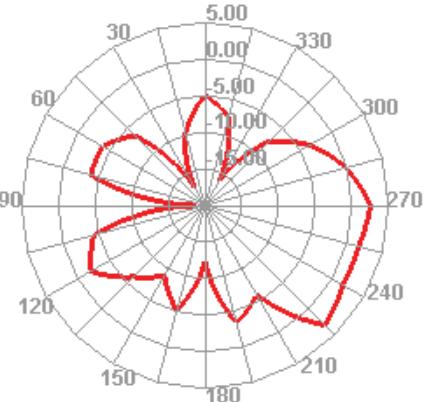
5850.000MHz H



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	2.92dBi MAX
Polarization mode	Vertical polarization
Radiation direction	omnidirectional
connection method	IPEX
Mechanical parameters	
Cable	
Salt spray test	
Environmental parameters	
Working temperature	-20~65°C