



Customer Name: _____

Customer Moder: _____

Customer P/N: _____

Customer Describe: _____

U-LINK P/N: _____

Customer Describe: 小辣椒2. 4G弯头SMA公头母针

PRODUCT SPECIFICATION

Signature and seal of confirmation					
U-LINK Approved			Customer Approved		
Sample	audit	approved	validation	audit	approved
ULINK Approved By			Customer Approved By		
Date	2025-01-08		Date	2025-01-08	

File for amendment/revocation/resume

[illegible]

3、Directory

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		7	6	5	4	3	2	1
					REV.	CHANGE DESCRIPTION	DATE	SIGNATURE
					A1	New	2025.01.08	

Technical requirements:

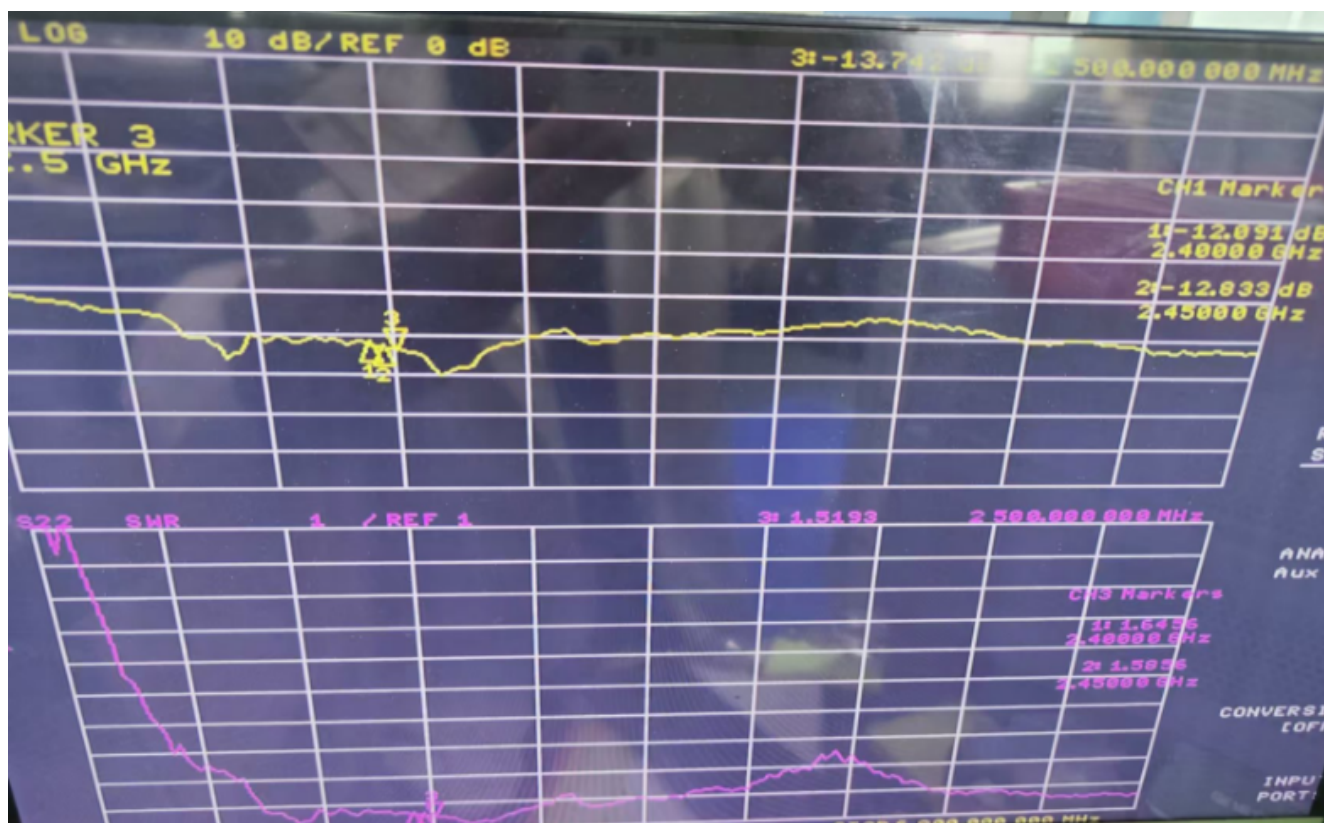
- Electrical parameters:
 - Impedance : 50 Ω
 - Frequency : 2400-2500MHz
 - VSWR : < 2.0
 - Peak Gain : 3.75dBi
 - Polarization : Linear
 - Radiation Patten: Omni directional
- Mechanical properties:
 - Storage Temperature Range: -40 TO +85° C
 - Operating Temperature Range: -40 TO +85° C
- All material must meet ROHS request
- Mark(*)as the key control dimensions

⑥ ⑤ ④ ③ ② ①					TOLERANCE		深圳市智网优电子科技有限公司			
					. XXX	±0.05				
					. XX	±0.1				
					. X	±0.2				
					X.	±0.25				
	connect	90° SMA Female needle	1	PCS	XX.	±1		DRAWN BY	zyc	PART NO. :
	Antenna Cover	Black	1	PCS	XXX.	±2		CHECKED BY	Mike	TITLE: 黑色小辣椒2.4G 90度SMA公头母针
						APPROVED BY		Sky		
NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	QTY	UNIT	MATERIAL	AS DIMENSION	SCALE : 1 : 1		CAD FILE:	DWG TYPE: PRODUCT DRAWING

8	7	6	5	4	3	2	1
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5、Passive performance test parameters

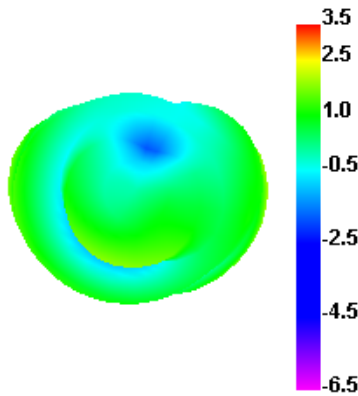
Frequency(GHz)	2.4	2.45	2.5
VSWR	1.64	1.58	1.52



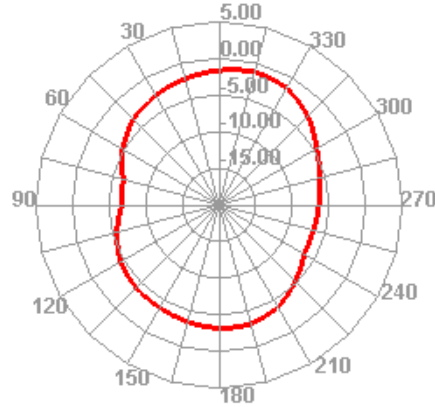
6、2D、3D Performance figure

Freq (MHz)	Effi (%)	Gain (dBi)
2400	63.7	3.49
2410	63.99	3.38
2420	64.04	3.22
2430	63.12	3.12
2440	63.74	3.25
2450	65.39	3.49
2460	65.18	3.59
2470	64.95	3.61
2480	67.43	3.7
2490	70.18	3.75
2500	70.14	3.59

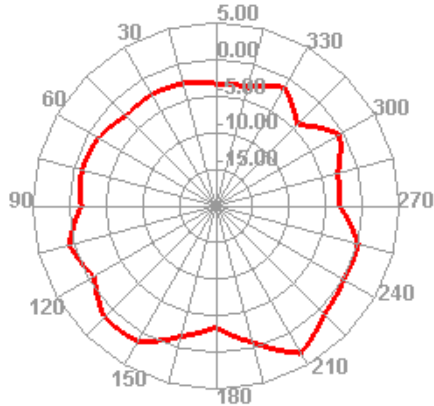
2400.000MHz



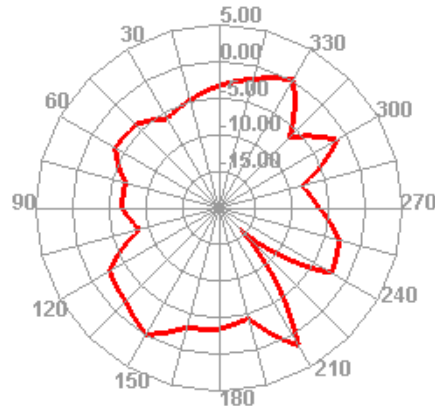
2400.000MHz H



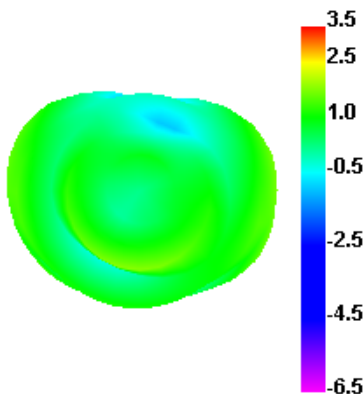
2400.000MHz E1



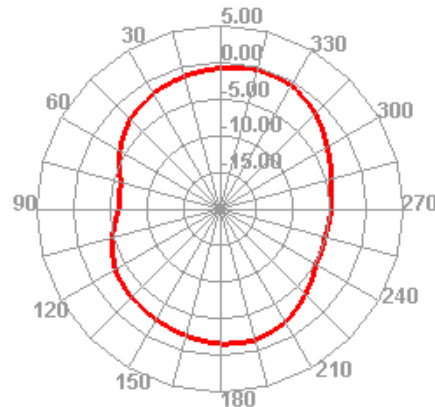
2400.000MHz E2



2450.000MHz

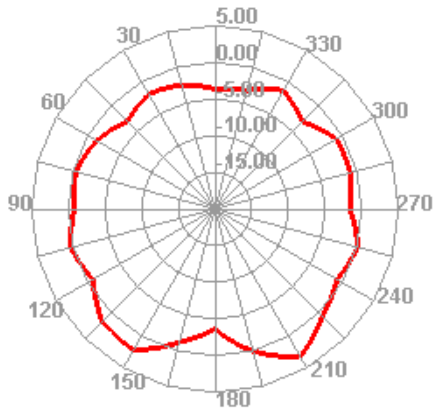


2450.000MHz H

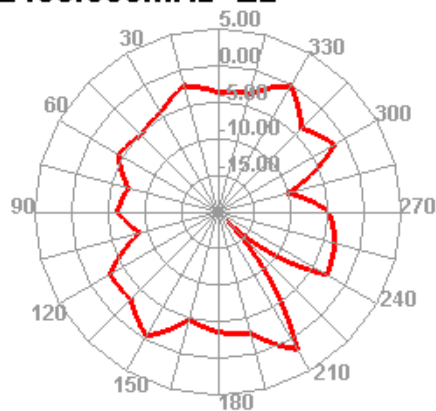


6、2D、3D Performance figure

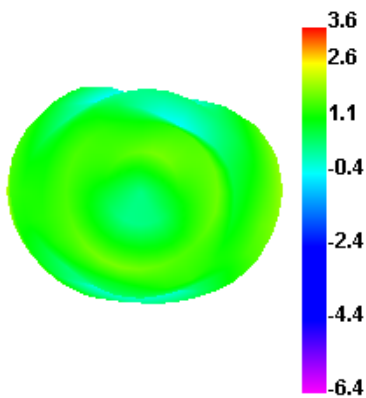
2450.000MHz E1



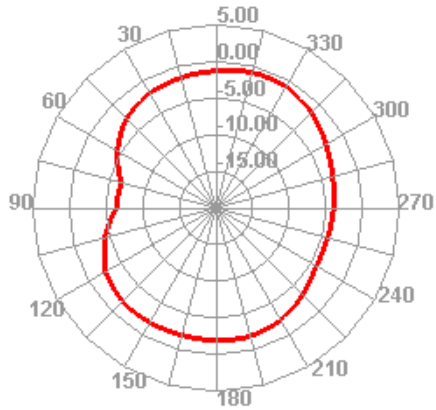
2450.000MHz E2



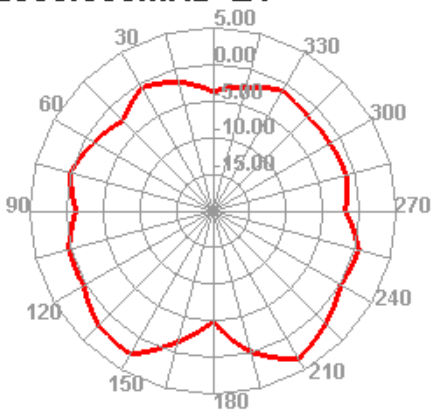
2500.000MHz



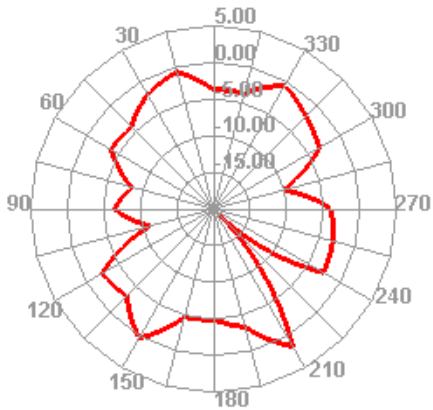
2500.000MHz H



2500.000MHz E1



2500.000MHz E2





7、Electrical performance test report

Electrical parameters	
Frequency range	2.4GHz-2.5GHz
input impedance	50Ω
VSWR	<2.0
Gain	3.75dBi
Polarization mode	Vertical polarization
Radiation direction	omnidirectional
connection method	SMA
Mechanical parameters	
Cable	
Salt spray test	
Environmental parameters	
Working temperature	-40~85℃