

Customer Name: _____

Customer Moder: AAA-XXX1

Customer P/N: ACB22001276

Customer Describe: _____

YCX P/N: YYYYYY-XXXX-MMMMM

Customer Describe: 2.4G单频/SMA头内螺纹公针/白色丝印 WiFi 2.4G

PRODUCT SPECIFICATION


Signature and seal of confirmation					
YCX Approved			Customer Approved		
Sample	audit	approved	validation	audit	approved
佚名					
			Customer Approved By		
Date	2022-01-24		Date		

3、 Directory

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4、Product drawings


www.yuanchuangxing.cn		7	6	5	4	3	2	1		
						REV.		CHANGE DESCRIPTION	DATE	SIGNATURE
						A2		New	2022.08.19	zyc



Beacon-17*22-V1.0

Technical requirements:

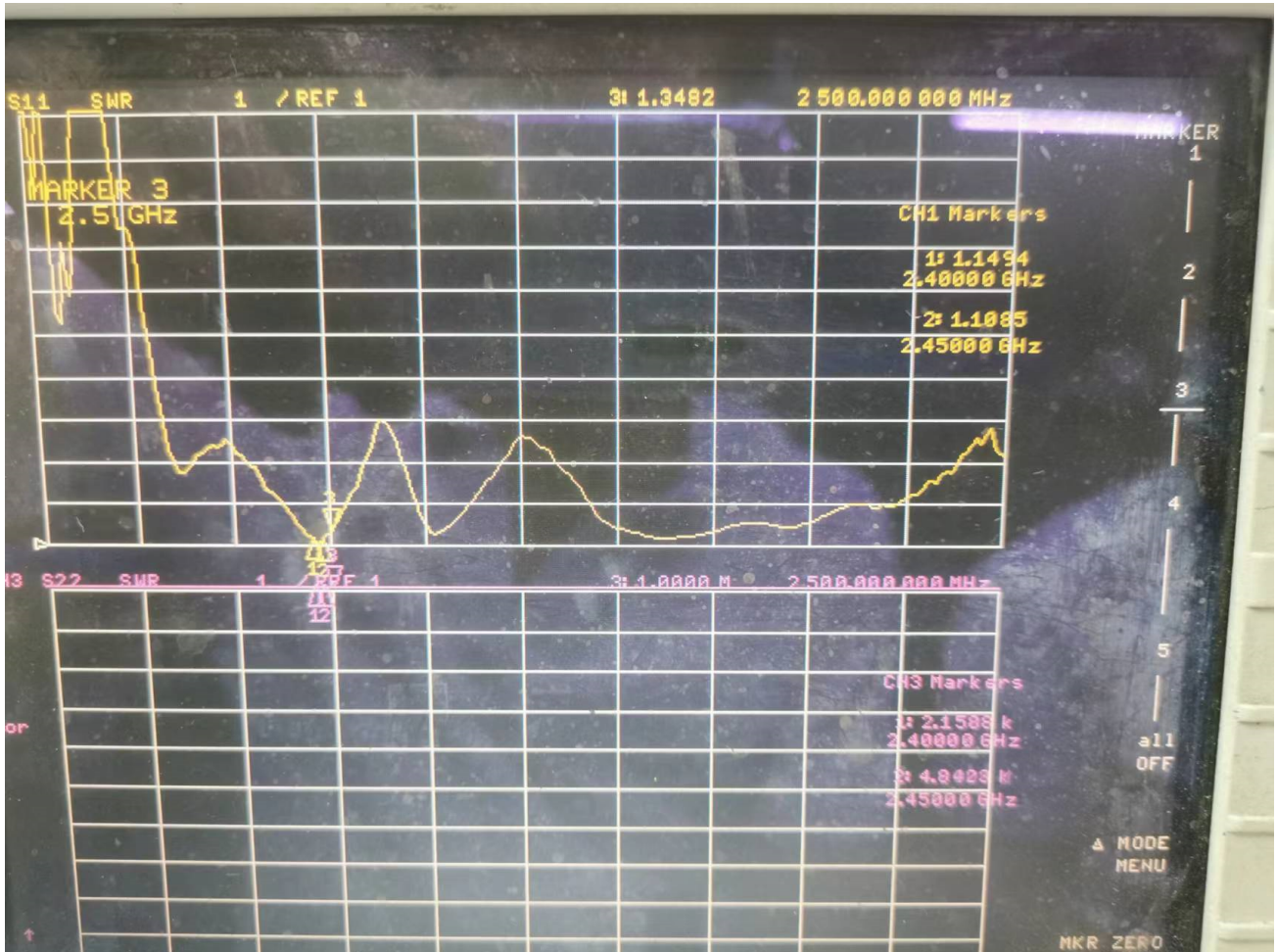
1. Electrical parameters:
 - 1.1 Impedance : 50 Ω
 - 1.2 Frequency : 2400-2500MHz
 - 1.3 VSWR : < 2.0
 - 1.4 Peak Gain : 1dBi
 - 1.5 Polarization : Linear
 - 1.6 Radiation Patten: Omni directional
2. Mechanical properties:
 - 2.1 Storage Temperature Range: -40 TO +105° C
 - 2.2 Operating Temperature Range: -40 TO +105° C
3. All material must meet ROHS request
4. Mark (△) as the key control dimensions

A	⑥			PCS	TOLERANCE					
	⑤		1	PCS	.XXX	±0.05				
	④	SMA接头	铜材质SMA公头公针	1	PCS	.XX	±0.1	DRAWN BY	zyc	PART NO. : YCX08W-B466-SMAM
	③	下固	L25.3*φ13 Black	2	PCS	.X	±0.2	CHECKED BY	Mike	TITLE:
	②	上固	L28.2*φ13 Black	1	PCS	X.	±0.25	2. 4G5DBI SMA		
①	杆套	L160*φ13 Black	1	PCS	XX.	±1	APPROVED BY			
				UNIT	mm			SCALE : 1 : 1	CAD FILE:	DWG TYPE: PRODUCT DRAWING

8	7	6	5	4	3	2	1	www.yuanchuangxing.cn
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5、Passive performance test parameters

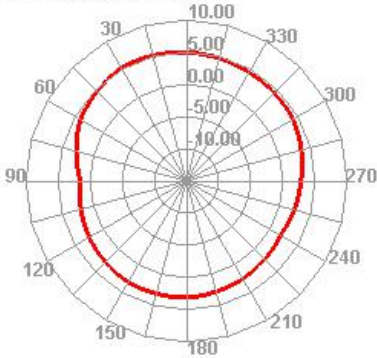
Frequency(GHz)	2.4	2.45	2.5
VSWR	1.14	1.10	1.34



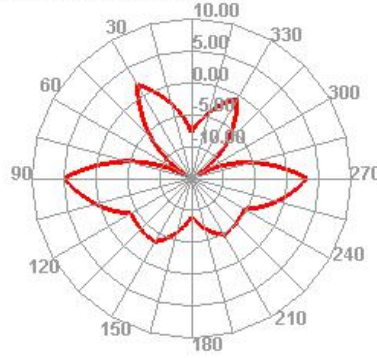
6、 2D、 3D Performance figure

Passive Test For WiFi2.4G			
Freq (MHz)	Effi (%)	Gain (dBi)	
2400	87	1.04	
2450	88	1.06	
2500	87	1.10	

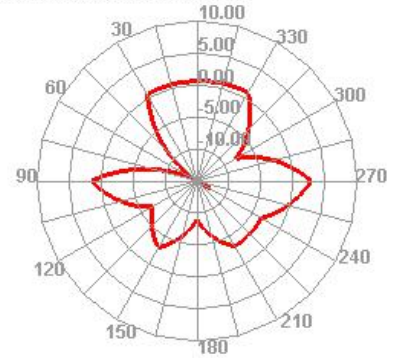
2400.000MHz H



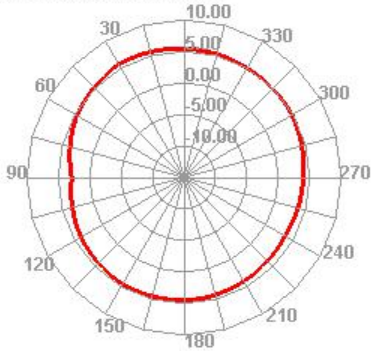
2400.000MHz E1



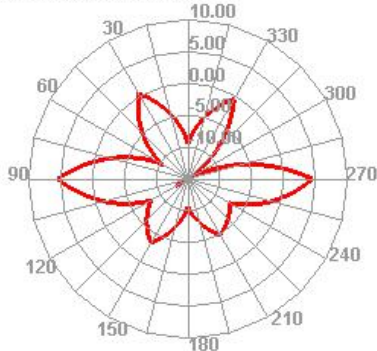
2400.000MHz E2



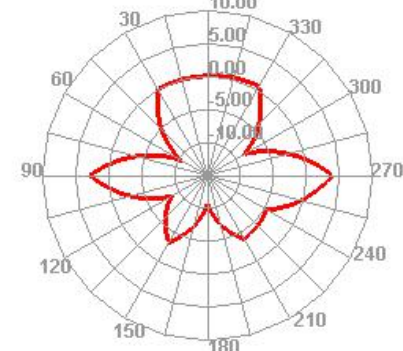
2450.000MHz H



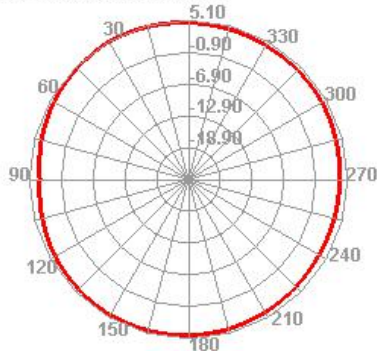
2450.000MHz E1



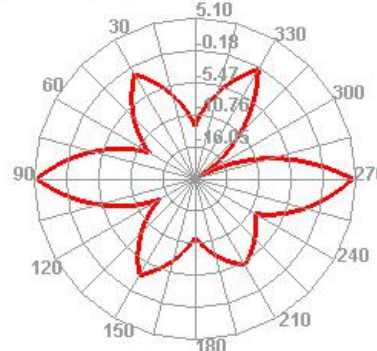
2450.000MHz E2



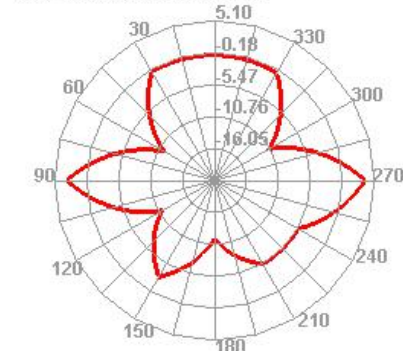
2500.000MHz H



2500.000MHz E1



2500.000MHz E2



7、Electrical performance test report

Electrical parameters		
Frequency range	2400MHz-2500MHz	
input impedance	50Ω	
VSWR	<2.0 control sample test pater	
Gain	Maximum	1dBi
Polarization mode	Vertical polarization	
Radiation direction	omnidirectional	
connection method	IPEX	
The mechanical parameters		
Cable	RG178 brown	
Salt spray test	24H	
Environmental parameters		
Working temperature	-40~105℃	