

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		

File for amendment/revocation/resume

[illegible]

3、Directory

1、 directory.....	1
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4、Product drawings

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



Beacon-17*22-V1.0

Technical requirements:

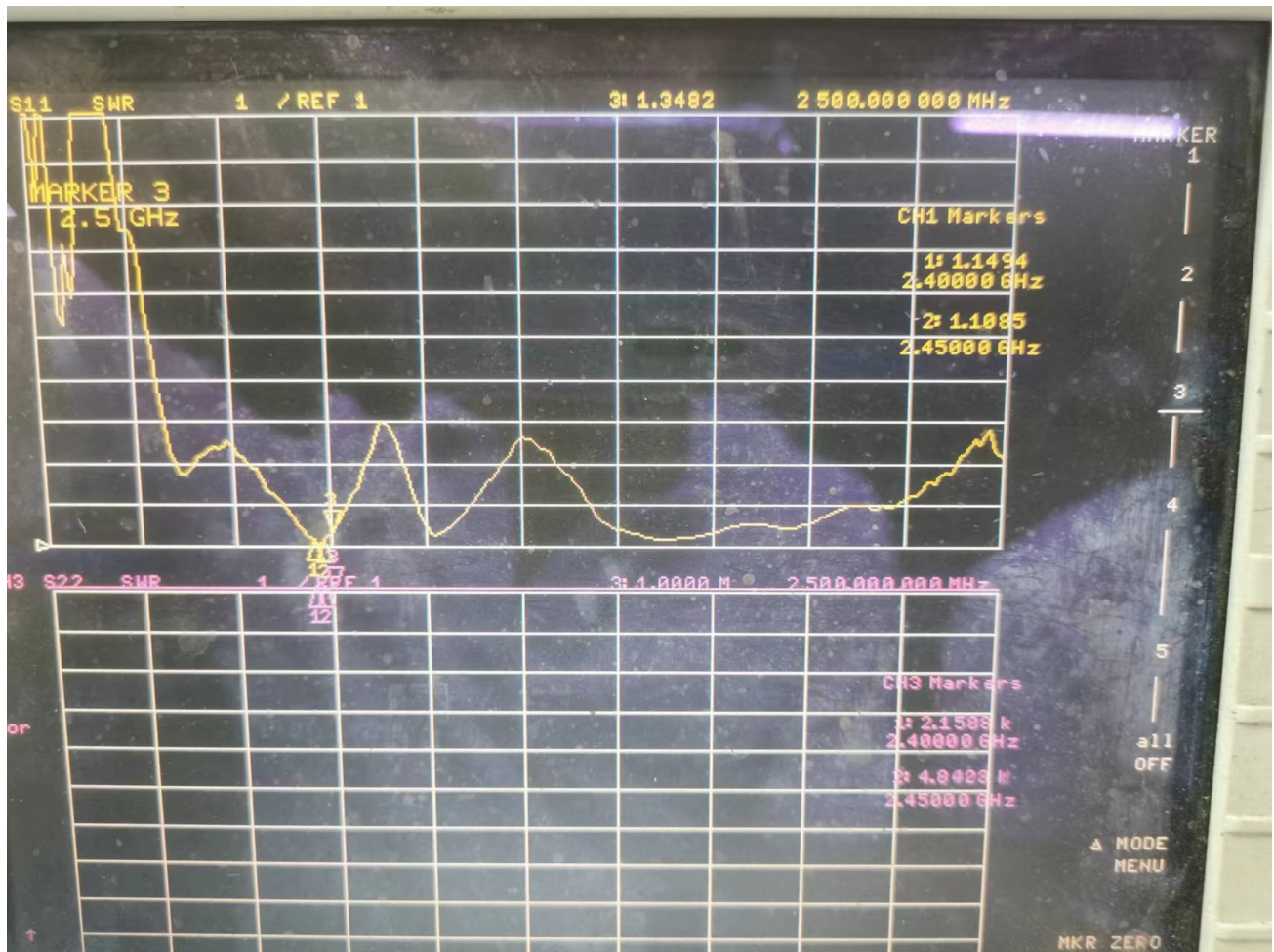
- Electrical parameters:
 - Impedance : 50 Ω
 - Frequency : 2400-2500MHz
 - VSWR : < 2.0
 - Peak Gain : 1dBi
 - Polarization : Linear
 - Radiation Patten: Omni directional
- Mechanical properties:
 - Storage Temperature Range: -40 TO +105° C
 - Operating Temperature Range: -40 TO +105° C
- All material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

NO.		PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	QTY	UNIT	MATERIAL	AS DIMENSION	SCALE : 1 : 1	CAD FILE:	DWG TYPE: PRODUCT DRAWING												
⑥					PCS	TOLERANCE <table border="1" style="font-size: 8px;"> <tr><td>.XXX</td><td>±0.05</td></tr> <tr><td>.XX</td><td>±0.1</td></tr> <tr><td>.X</td><td>±0.2</td></tr> <tr><td>X.</td><td>±0.25</td></tr> <tr><td>XX.</td><td>±1</td></tr> <tr><td>XXX.</td><td>±2</td></tr> </table>					.XXX	±0.05	.XX	±0.1	.X	±0.2	X.	±0.25	XX.	±1	XXX.	±2
.XXX	±0.05																					
.XX	±0.1																					
.X	±0.2																					
X.	±0.25																					
XX.	±1																					
XXX.	±2																					
⑤				1	PCS																	
④	SMA接头	铜材质SMA公头公针	1	PCS																		
③	下固	L25.3*φ13 Black	2	PCS																		
②	上固	L28.2*φ13 Black	1	PCS																		
①	杆套	L160*φ13 Black	1	PCS	UNIT mm																	

8
7
6
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3
2
1

5、Passive performance test parameters

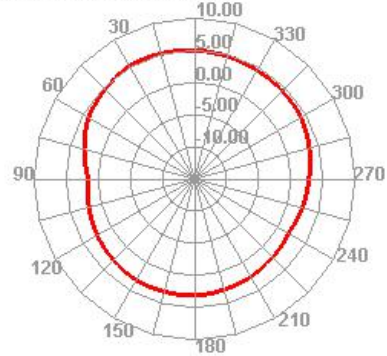
Frequency(GHz)	2.4	2.45	2.5
VSWR	1.14	1.10	1.34



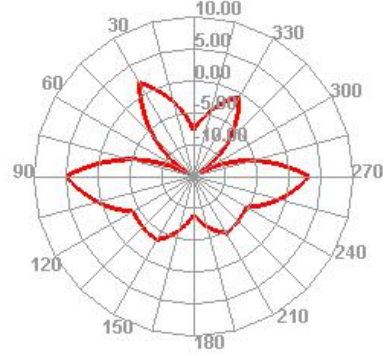
6、2D、 3D Performance figure

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

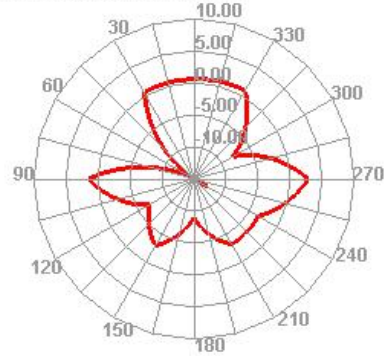
2400.000MHz H



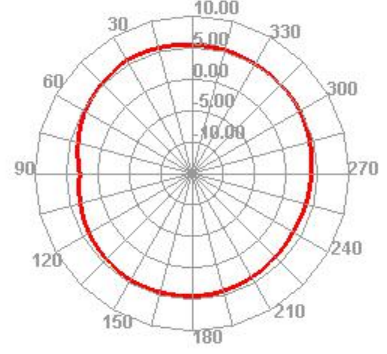
2400.000MHz E1



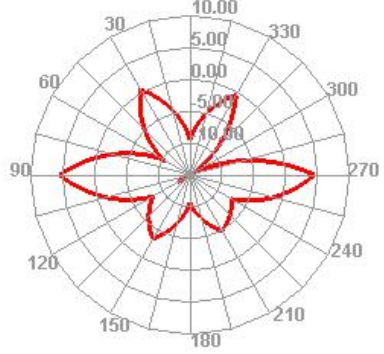
2400.000MHz E2



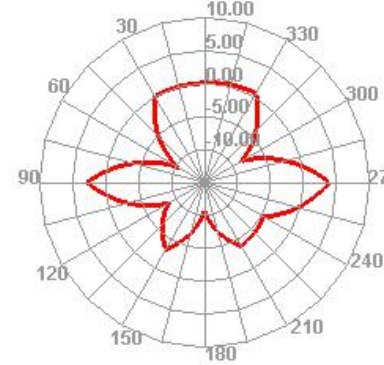
2450.000MHz H



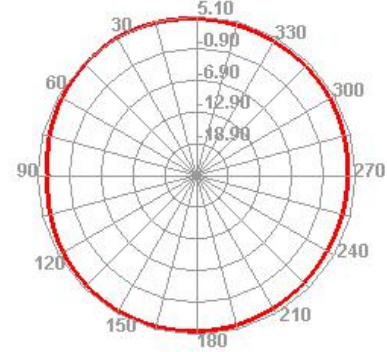
2450.000MHz E1



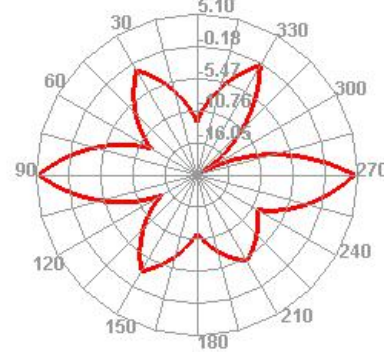
2450.000MHz E2



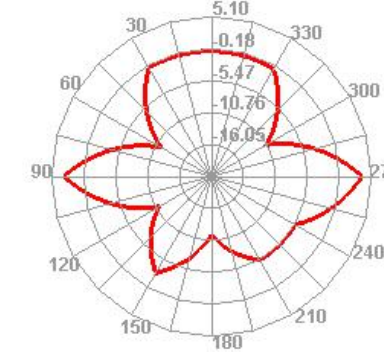
2500.000MHz H



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℃