



东莞市一佳电子通讯科技有限公司

Dongguan YiJia Electronics Communication Technology Co.,Ltd.

规格承认书

SPECIFICATION FOR APPROVAL

日期
Date

2023/10/10

编号
File No

23101001

版本
Revision

1.0

客户
CUSTOMER:

深圳翌信信息科技有限公司
SHENZHEN YIXIN IT Co.,LTD

客户料号
CUSTOMER NO:

融合枪瞄

Dual-waveband Fusion Rifle Sight

品名
PART NAME:

2.4G Antenna

供方料号
SUPPLIER NO:

YJF01.164.001.301A

送样日期Date:

送样数量Q “TY:

客户确认CUSTOMER APPROVED BY

APPROVAL

CHIEF

SUPERVISOR

供方确认 SUPPLIER SIGNATURE

APPROVAL

CHECK

DESIGN

ChenGuoqiang

XieLi

ChenXingyi

YJ-RD-F04-A

Add: 东莞市长安镇沙头社区木鱼路59号元富工业区 / Yuanfu Industrial Zone, No.59, Muyu Road, Shatou Community, Changan Town, Dongguan City
Tel:0769-82586086 Fax:0769-82586086



承认书项目表

Form of acknowledgement item

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11	N/A	N/A	N/A
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13	-	-	-

RoHS
Compatible

CUSTOMER
PART NO

REV.

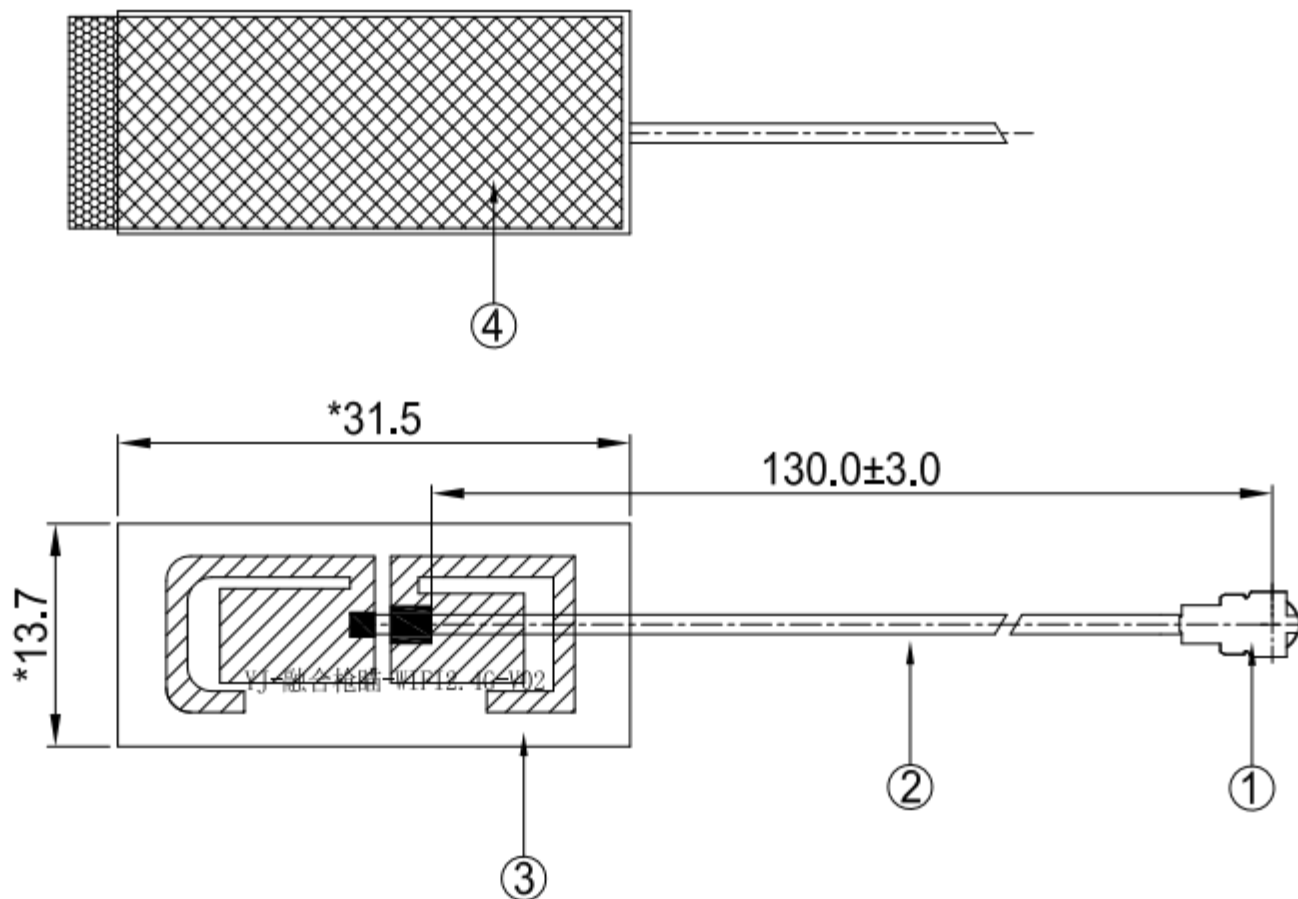


DESCRIPTION

首次发行

DATE

2023-10-10



4	Paste	31.0*13.0MM	3M	PAS1000XA.P01	1
3	PCB Black	31.5*13.7*0.8MM	PCB	FPC1000XA.P01	1
2	Coaxial Cable	O.D.1.13 Black	O.D.1.13	COA1000XA.P01	1
1	Mini Connector	Au Plated 1代	Cu	TER1000XA.P01	1
NO	PART NAME	DESCRIPTION	Material	Part Number	Q.TY



东莞市一佳电子通讯科技有限公司

Dongguan YIJa Electronics Communication Technology Co.,Ltd. Tel :0769-82586086 Fax:0769-82586086

PART NAME: 2.4G Antenna

PART NO.: YJF01.164.001.301A

DATE: 2023-10-10

APPROVED BY

CHECKED BY

DESIGNED BY



Tolerance

殷涛

石燊皇

吕森桦

UNITS: mm

X.X ±0.50

SCALE: 1/1

X.XX±0.15

REVISION: A

X° ±3°



天线规格

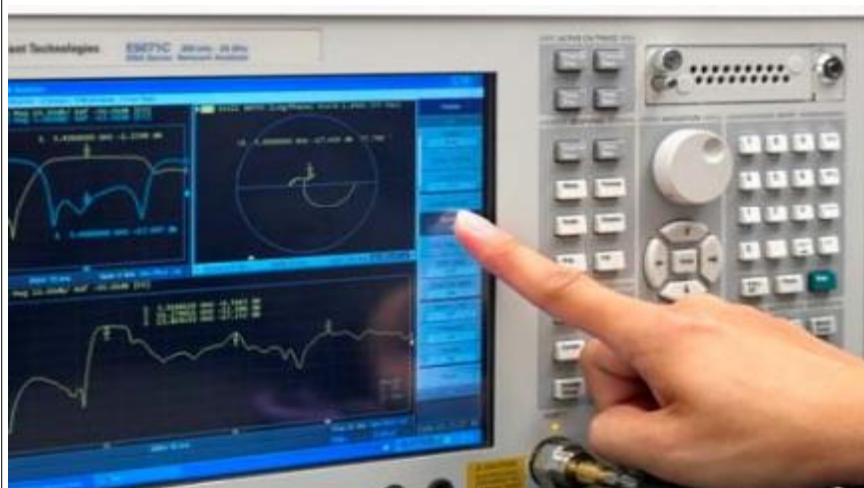
Antenna Specification

Electrical Properties	
Frequency	2.4-2.5GHz
Impedance	50 Ohm Nominal
Antenna type	PIFA
V.S.W.R	2.5 Max
Gain	-3.6 dBi
Radiation	Omni-directional
Polarization	Linear
Physical Properties	
Connector	1 generation of Connector IPEX
Cable Type	O.D.1.13mm
Cable Length	130mm
Cable Color	Black
Operating Temp.	-40 ~ +85 °C
Storage Temp / Humidity	25±5°C / <70%

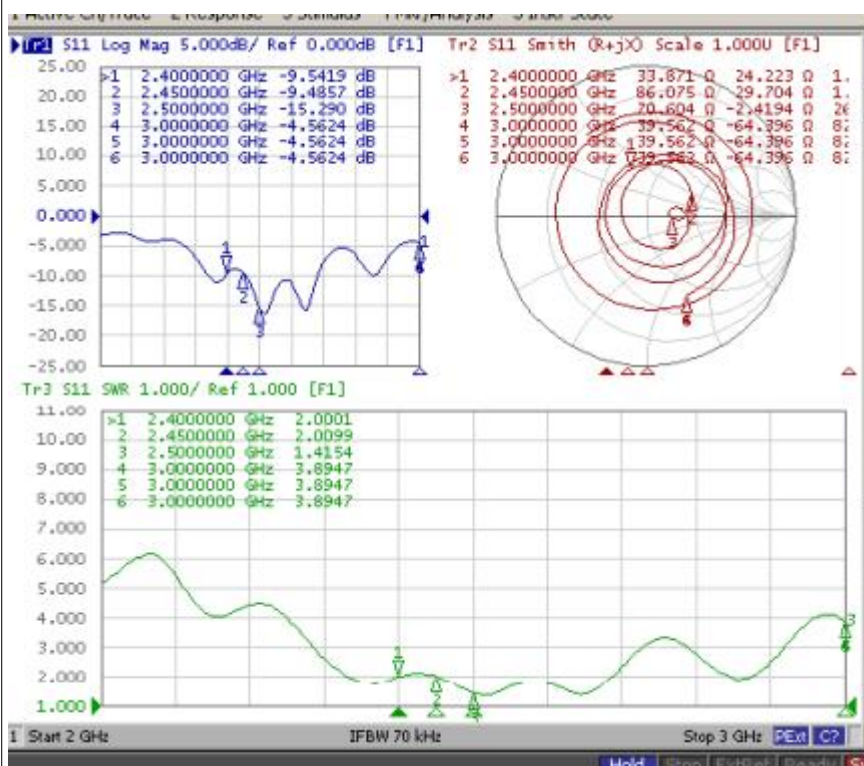


Antenna Performance Test

**Agilent
E5071B**



**S
Parameter
Test//
WIFI 2.4G
Antenna**





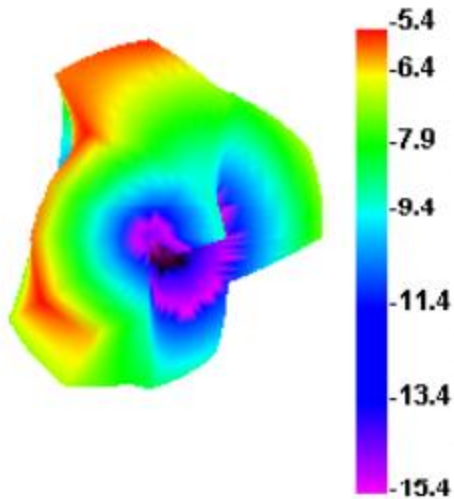
Passive Test For WIFI2.4G Antenna

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	32.2	-4.9	-5.4
2410	30.2	-5.2	-4.6
2420	27.4	-5.6	-4.4
2430	25.0	-6.0	-4.0
2440	23.0	-6.4	-3.8
2450	21.9	-6.6	-3.6
2460	22.3	-6.5	-4.0
2470	22.3	-6.5	-4.2
2480	24.6	-6.1	-4.5
2490	26.7	-5.7	-4.2
2500	27.6	-5.6	-5.0

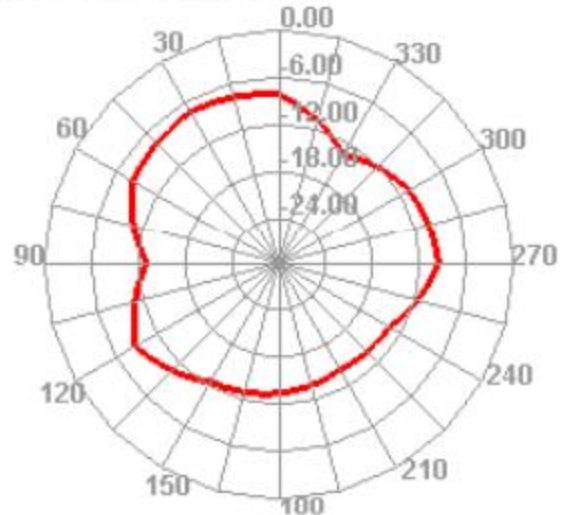


Radiation Pattern For WIFI2.4G Antenna

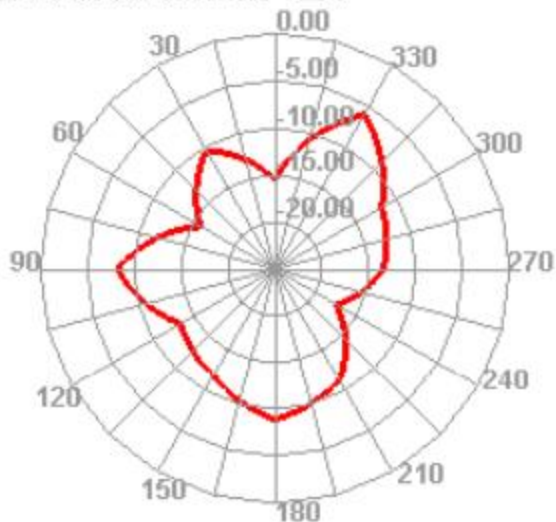
2400.000MHz



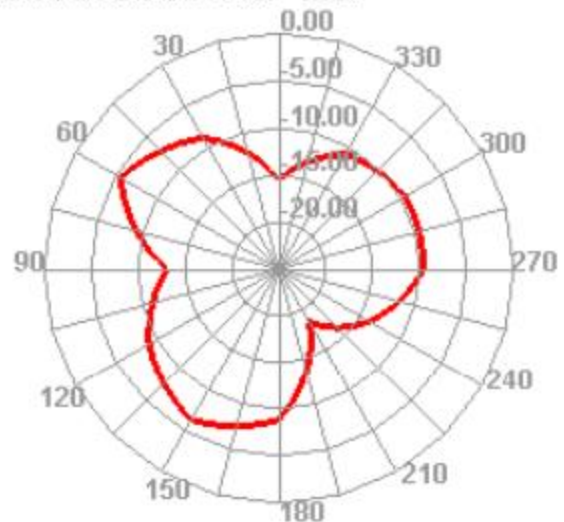
2400.000MHz H



2400.000MHz E1



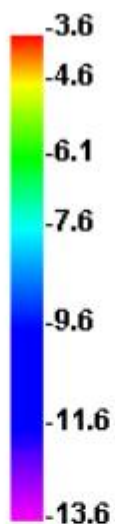
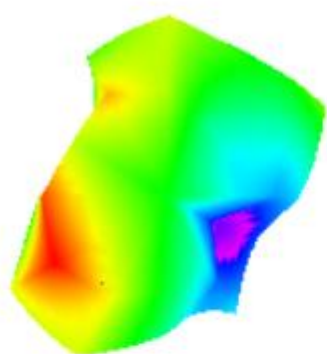
2400.000MHz E2



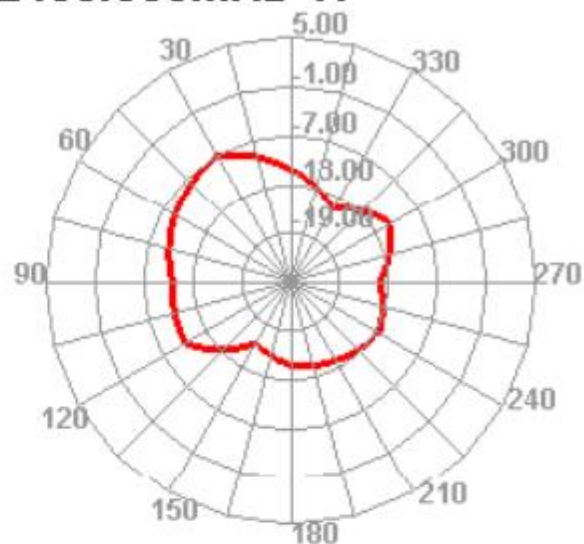


Radiation Pattern For WIFI2.4G Antenna

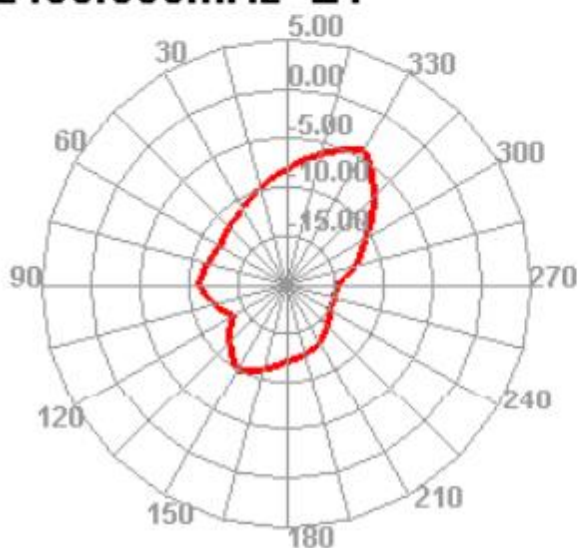
2450.000MHz



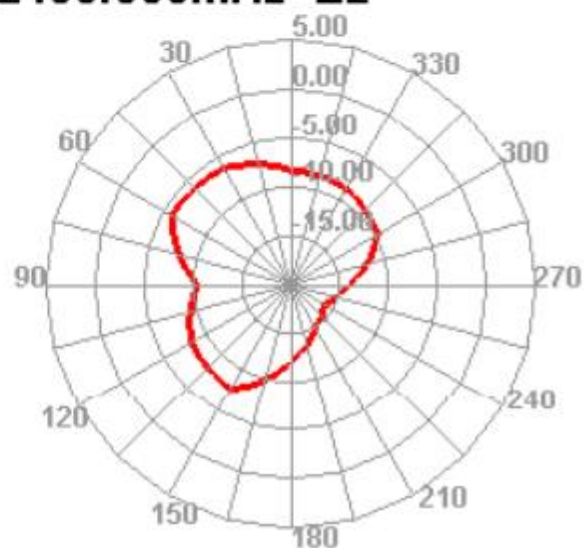
2450.000MHz H



2450.000MHz E1



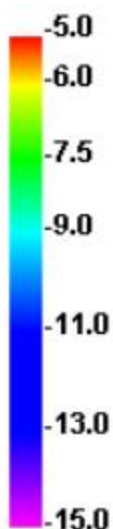
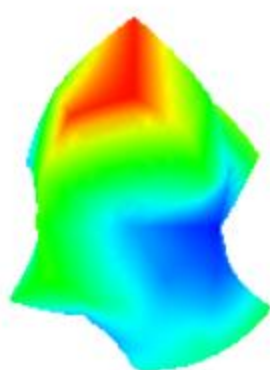
2450.000MHz E2



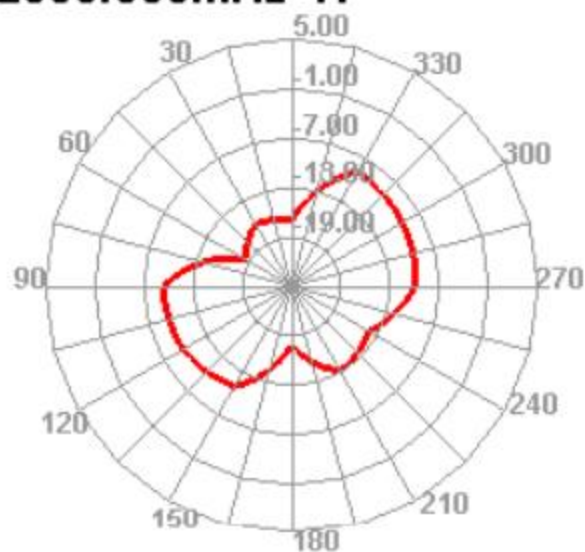


Radiation Pattern For WIFI2.4G Antenna

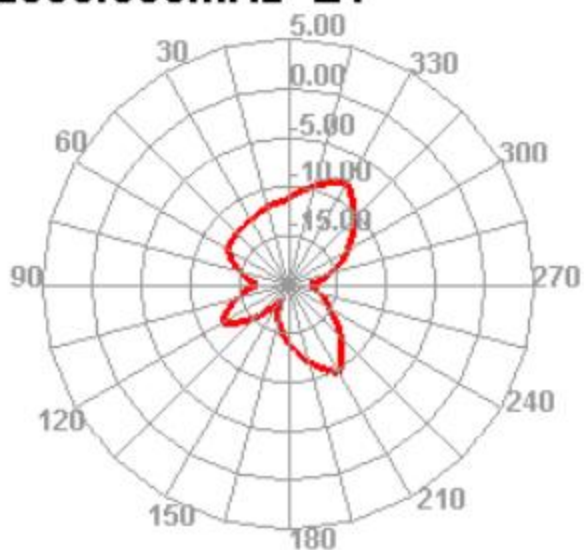
2500.000MHz



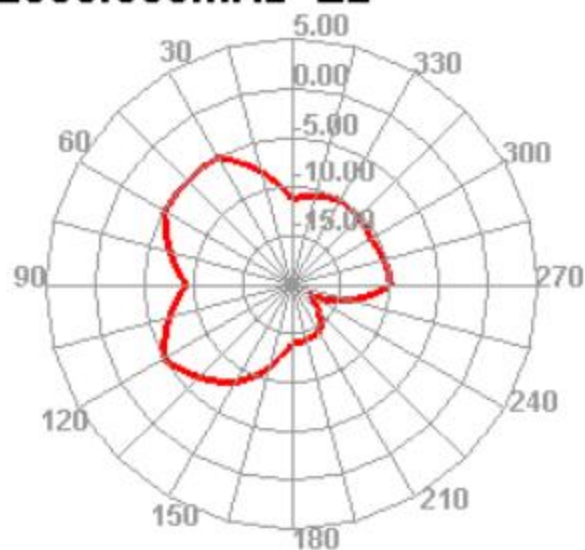
2500.000MHz H



2500.000MHz E1



2500.000MHz E2





Device





***WiFi
2.4G
Antenna***





WIFI Antenna