



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 2022/05/23

编号
File No 22052302

版本
Revision 1.0

客户
CUSTOMER:

道通

客户料号
CUSTOMER NO:

6.4寸遥控器=501006015

品名
PART NAME:

WIFI双频 L Antenna

供方料号
SUPPLIER NO:

YJI01.005.051.302A

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 Tel:0769-82586086 Fax:0769-82586086



承认书项目表

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11	N/A	N/A	N/A
12	-	-	-
13	-	-	-

RoHS

Compatible

CUSTOMER

PART NO

REV.

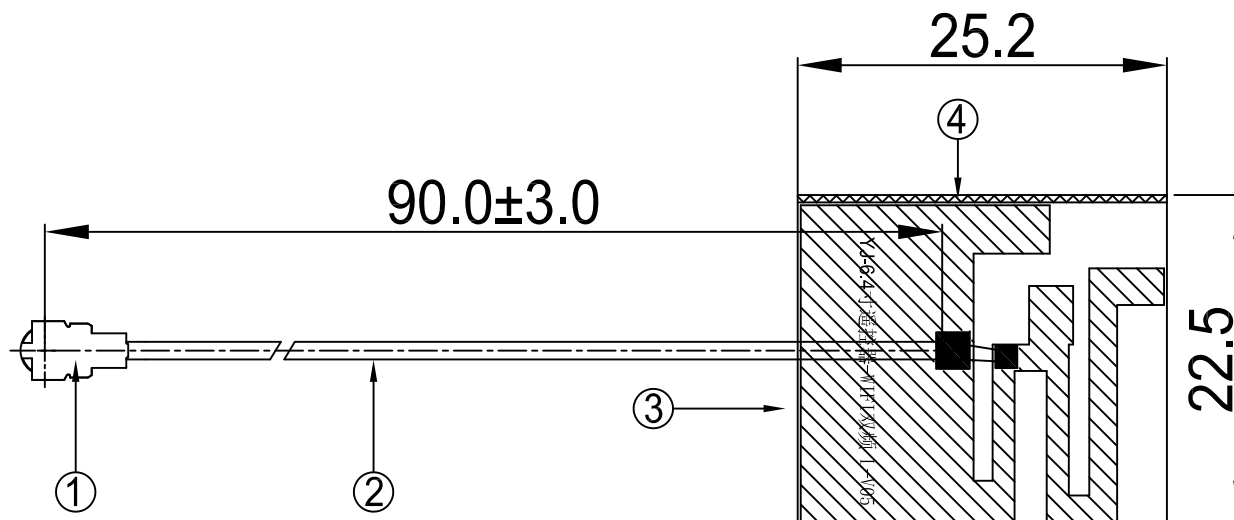


DESCRIPTION

首次发行

DATE

2022-05-11



4	Paste+EVA	25.2*22.5*11.0MM	Paste+EVA	EVA1000XA.P01	1
3	FPCB	25.2*22.0MM	FPCB	FPC1000XA.P01	1
2	Coaxial Cable	O.D.1.13 Gray	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 YiJia Electronics Communication Technology Co.,Ltd. Tel :0769-85535057 Fax:0769-81664308

PART NAME: WIFI双频 2 Antenna

PART NO.: YJ101.005.051.302A

DATE: 2022-05-11

APPROVED BY

CHECKED BY

DESIGNED BY

Tolerance
X.X ±0.50
X.XX±0.15
X° ±3°

殷涛

孙宏

吕森桦

UNITS: mm

SCALE: 1/1

REVISION: A



天线规格

Antenna Specification

Electrical Properties

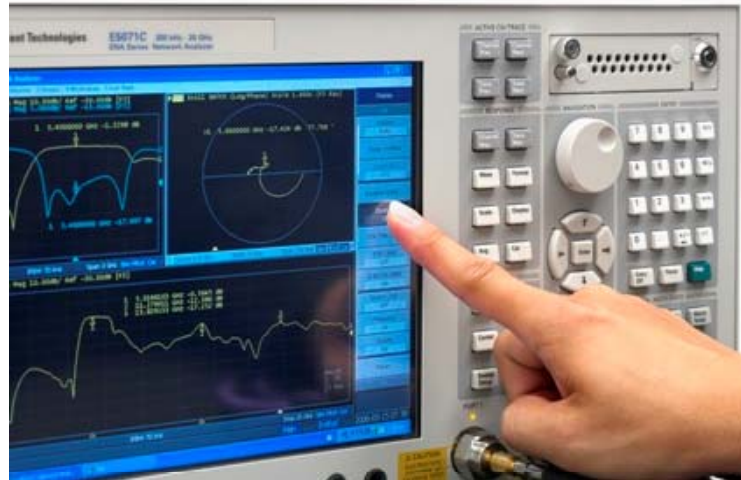
Frequency	2.4-2.5GHz 5.15-5.85GHz
Impedance	50 Ohm Nominal
V.S.W.R	2.0 Max@2.4-2.5GHz 2.5 Max@5.15-5.85GHz
Gain	1.1 dBi@2.4-2.5GHz 4.4 dBi@5.15-5.85GHz
Radiation	Omni-directional
Polarization	Linear

Physical Properties

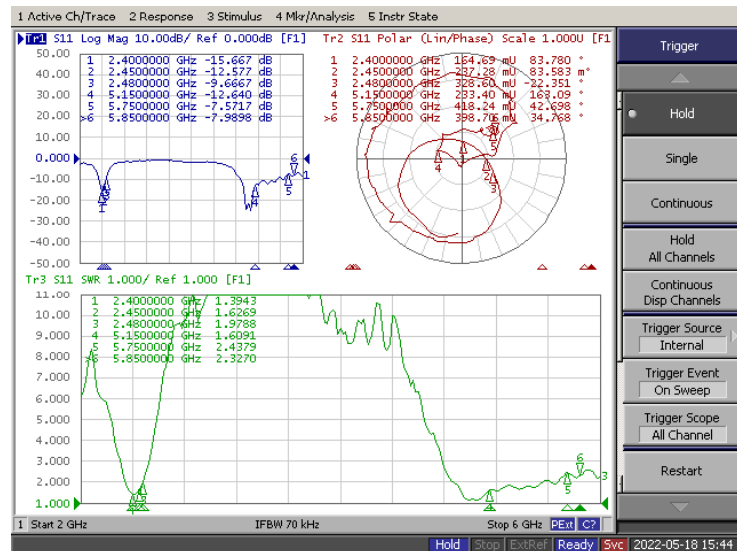
Connector	1代IPEX
Cable Type	O.D.1.13mm
Cable Length	90mm
Cable Color	Gray
Operating Temp.	-40 ~ +85 °C
Storage Temp / Humidity	25±5°C / <70%



Agilent E5071B



S Parameter Test // WIFI L Antenna





Passive Test For WiFi2.4G

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	30.2	-5.2	0.1
2410	31.6	-5.0	0.5
2420	35.3	-4.5	0.6
2430	38.3	-4.2	0.7
2440	41.4	-3.8	0.8
2450	46.9	-3.3	1.1
2460	47.8	-3.2	0.8
2470	48.6	-3.1	0.5
2480	47.0	-3.3	0.4
2490	44.1	-3.6	0.1
2500	40.3	-3.9	-0.4



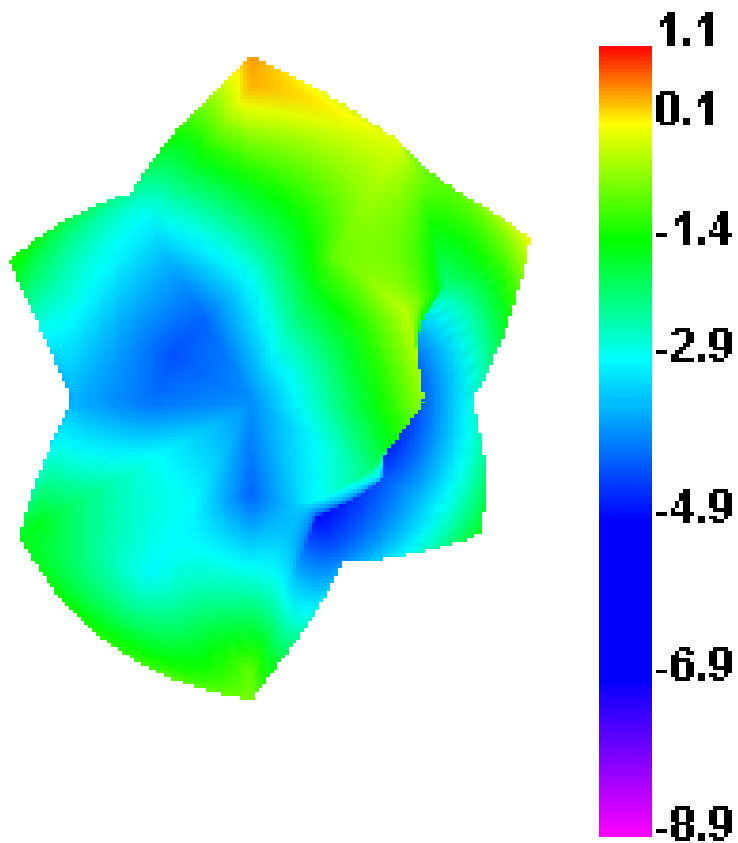
Passive Test For WiFi5.8G

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
5150	43.6	-3.6	3.4
5200	49.4	-3.1	4.0
5250	46.9	-3.3	3.8
5300	44.5	-3.5	3.4
5350	43.4	-3.6	2.9
5400	42.7	-3.7	2.2
5450	43.8	-3.6	1.9
5500	48.1	-3.2	2.4
5550	46.4	-3.3	2.4
5600	47.1	-3.3	2.7
5650	63.4	-2.0	4.4
5700	60.0	-2.2	4.0
5750	54.7	-2.6	3.6
5800	47.2	-3.3	2.7
5850	46.8	-3.3	2.3



Radiation Pattern For 2.4G

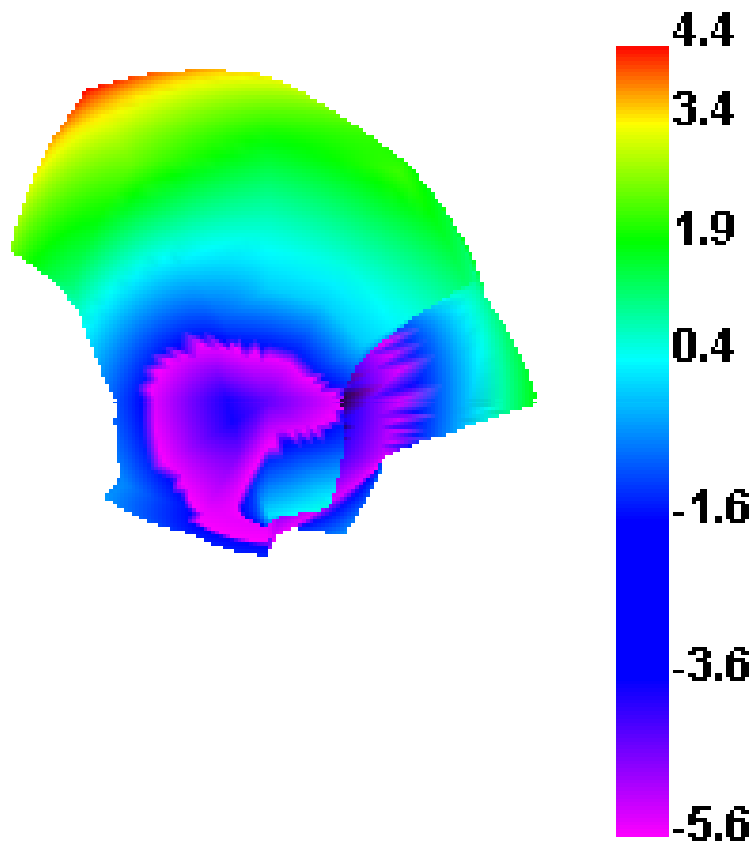
2450.000MHz





Radiation Pattern For 5.8G

5650.000MHz





Device





WIFI L Antenna

