



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 2020/10/19
Date

编号 20101901
File No

版本 1.0
Revision

客 户 道通

CUSTOMER: _____

客户料号 PT2011- (501005464)

CUSTOMER NO: _____

品 名 2.4/5.8G Antenna

PART NAME: _____

供方料号 YJI01.005.016.302A

SUPPLIER NO: _____

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	WenXue	ChenXingcheng

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

NO .	内 容 (Contents)	页 数 (Number of Page)	页 码 (Page Code)
1	承认书封面 (Spec Cover)	1	1
2	承认书项目表 (Spec Item)	1	2
3	工程成品图 (Drawing)	1	3
4	天线规格 (Antenna Specification)	1	4
5	S参数测试 (S Parameter)	1	5
6	无源测试 (Passve Test)	3	6 ~ 8
7	天线装配图 (Antenna Profile)	3	9 ~11
8	材质证明 (Material Certificate)	34	12 ~ 45
9	RoHS报告 (RoHS Test Report)	**	**
10	N/A	N/A	N/A
11	-	-	-
12	-	-	-
13	-	-	-



天线规格

Antenna Specification

Electrical Properties

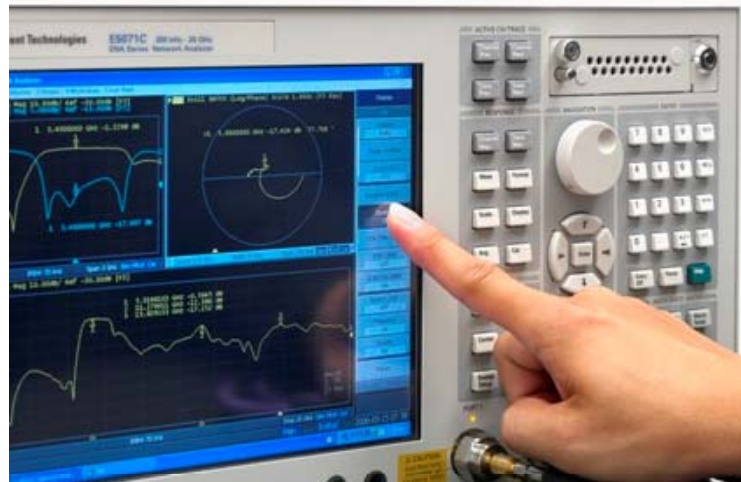
Frequency	2.4-2.5GHz 5.15-5.85GHz
Impedance	50 Ohm Nominal
V.S.W.R	2.0 Max@2.4-2.5GHz 2.5 Max@5.15-5.85GHz
Gain	1.9dBi@2.4-2.5GHz 1.6dBi@5.15-5.85GHz
Radiation	Omni-directional
Polarization	Linear

Physical Properties

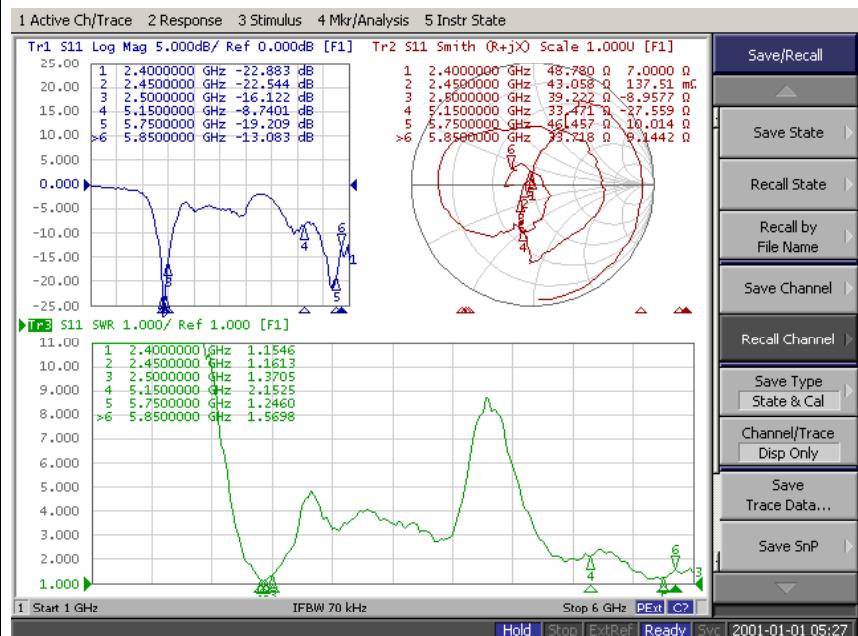
Connector	1代IPEX
Cable Type	O.D.0.81mm
Cable Length	32mm
Cable Color	Black
Operating Temp.	-40 ~ +85 °C
Storage Temp / Humidity	25±5 / <70%



Agilent E5071B



S Parameter Test // WiFi Antenna





Passive Test For WiFi Antenna(2.4G)			
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	41.1	-3.9	1.5
2410	41.5	-3.8	1.5
2420	41.8	-3.8	1.5
2430	41.4	-3.8	1.4
2440	41.7	-3.8	1.4
2450	45.3	-3.4	1.7
2460	45.0	-3.5	1.7
2470	46.2	-3.4	1.8
2480	46.5	-3.3	1.8
2490	47.1	-3.3	1.9
2500	46.4	-3.3	1.8



Passive Test For WiFi Antenna(5.8G)

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
5150	37.5	-4.3	-0.3
5200	40.7	-3.9	0.3
5250	42.1	-3.8	0.8
5300	44.7	-3.5	0.6
5350	46.2	-3.4	0.8
5400	43.7	-3.6	0.1
5450	44.3	-3.5	0.6
5500	46.1	-3.4	0.8
5550	44.2	-3.5	0.2
5600	44.5	-3.5	0.5
5650	51.3	-2.9	1.2
5700	49.9	-3.0	1.3
5750	52.2	-2.8	1.6
5800	42.3	-3.7	0.7
5850	38.5	-4.2	0.4