

深圳市腾吉科技有限公司

Shenzhen Tenji Technology Company Limited

规格承认书

SPECIFICATION FOR APPROVAL

日期 2019/08/07
Date

编号 19080704
File No

版本 1.0
Revision

客 户

CUSTOMER:

乐 橙 互 联

客户料号

G220双频版

CUSTOMER NO:

品 名

5G Antenna

PART NAME:

供方料号

YJW01.137.075.101A

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

Li Jiguang

Jiang Wenbei

Liao Guangxi

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

RoHS

Compatible

CUSTOMER

PART NO

REV.

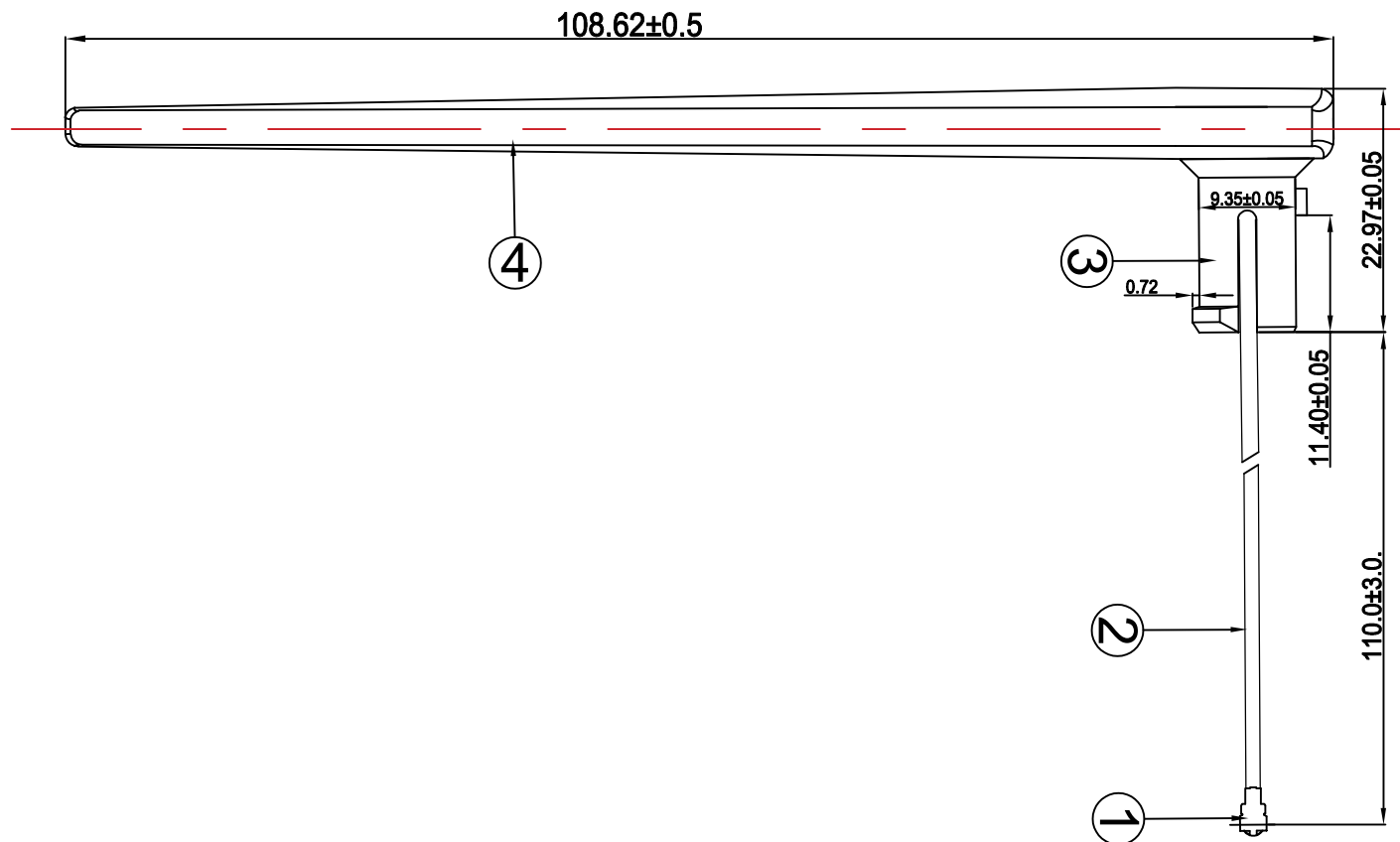


DESCRIPTION

首次发行

DATE

2021-07-26



深圳市腾吉科技有限公司

TENGI TECHNOLOGY COMPANY LIMITED

PART NAME: 5.8G Antenna L=110mm MHF

PART NO.: YJW01.137.075.101A

DATE: 2021-07-26

APPROVED BY

CHECKED BY

DESIGNED BY



Tolerance

陈国强

林斌

张大忠

UNITS: mm

SCALE: 1/1

REVISION: A

X.X ±0.50

X.XX±0.15

X° ±3°

4	Antenna Cap	ABS,Color:Black	PLA10103A.W01	1
3	Bottom Base	ABS,Color:Black	PLA10XXXA.P01	1
2	Coaxial Cable	O.D 1.13 Black	COA10XXXA.P01	1
1	Mini Connector	Cu Au Plated 1代	TER10001A.P01	1
NO	PART NAME	DESCRIPTION	PART NO.	Q.TY

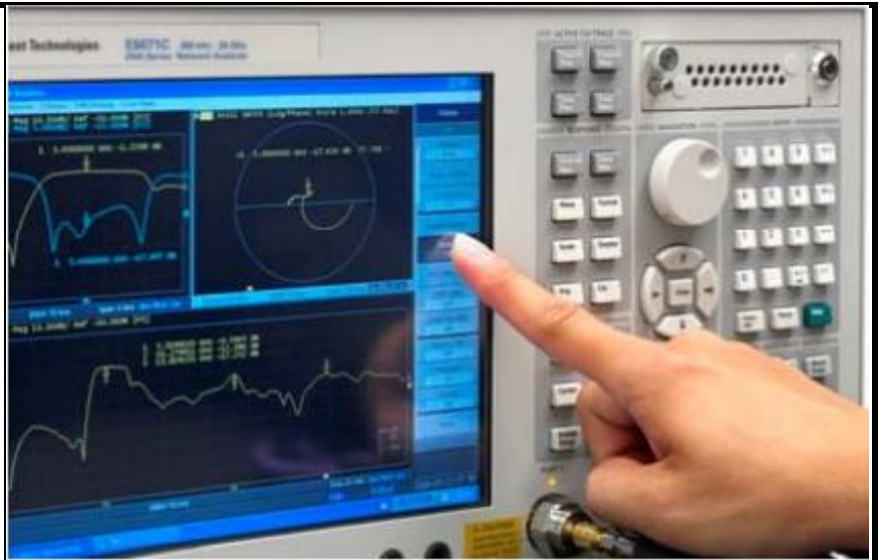
天线规格

Antenna Specification

Electrical Properties	
Frequency	5.15-5.85GHz
Impedance	50 Ohm Nominal
V.S.W.R	2.0 Max
Length	L=110mm
Radiation	Omni-directional
Gain (Peak)	5.4dbi Max
Polarization	Linear
Physical Properties	
Antenna Material	PC / POM /ABS
Cable Type	lpex 1
Operating Temp.	-40 ~ +85 °C
Storage Temp.	-40 ~ +85 °C
Cable Color	RG1.13 黑色

Antenna Performance Test

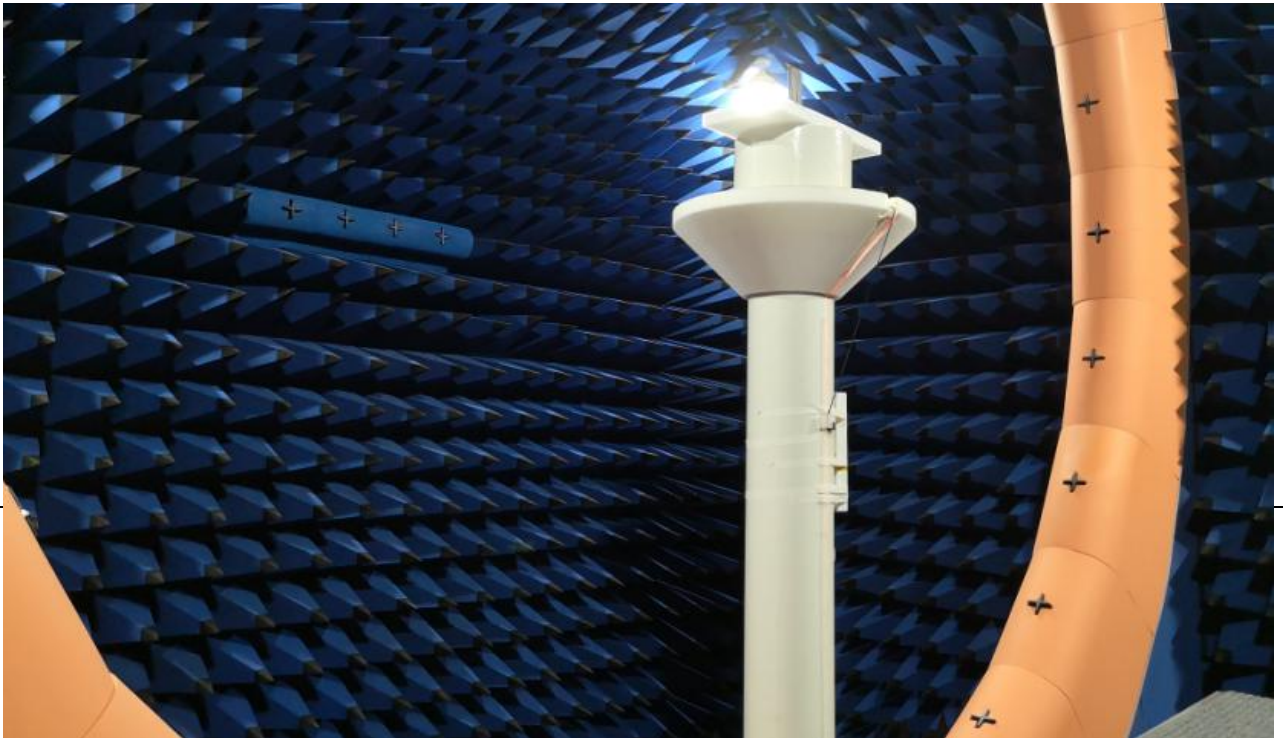
**Agilent
E5071B**



**S
Parameter
Test //
5.8G**



Antenna Passive Test



Passive Test For WiFi (5.8G)			
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
5150	71.6	-2.7	4.8
5200	65.1	-2.5	4.4
5250	68.2	-2.7	4.8
5300	74.6	-3.1	5.2
5350	70.1	-3.0	5.1
5400	70.0	-2.7	4.9
5450	72.9	-2.8	4.9
5500	76.2	-2.9	5.0
5550	71.5	-2.9	5.1
5600	66.2	-2.5	4.9
5650	69.2	-2.9	5.1
5700	70.9	-2.8	5.0
5750	71.6	-2.9	5.1
5800	78.9	-3.1	5.4
5850	78.3	-2.9	5.2

Radiation Pattern For WIFI Antenna(5850MHz)

5.8G

