

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 2024/08/14
Date

编号 24081402
File No

版本 2.0
Revision

客 户

CUSTOMER:

乐 橙 互 联

客户料号

G220单频版

CUSTOMER NO:

品 名

5G Antenna

PART NAME:

供方料号

YJW01.137.075.104A

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

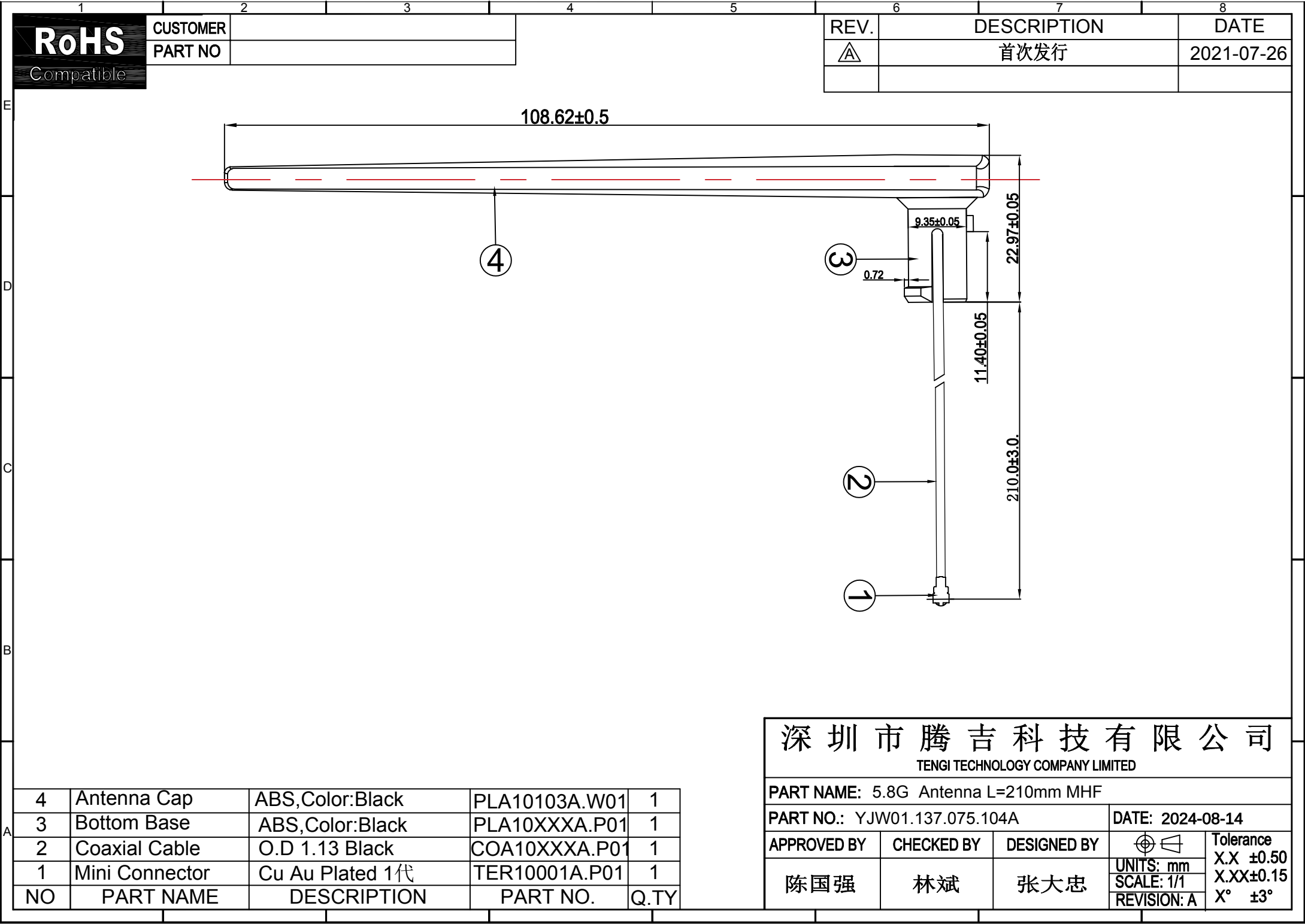
YJ-RD-F04-A

add : No. 59, Muyu Road, Shatou Community, Chang'an Town, Dongguan City, Guangdong Province, P.R. China

地址：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

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13	-	-	-



RoHS
Compatible

CUSTOMER	
PART NO	

REV.	DESCRIPTION	DATE
△	首次发行	2021-07-26

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

深圳市腾吉科技有限公司
TENGI TECHNOLOGY COMPANY LIMITED

PART NAME: 5.8G Antenna L=210mm MHF

PART NO.: YJW01.137.075.104A DATE: 2024-08-14

APPROVED BY	CHECKED BY	DESIGNED BY	 UNITS: mm SCALE: 1/1 REVISION: A	Tolerance X.X ±0.50 X.XX±0.15 X° ±3°
陈国强	林斌	张大忠		

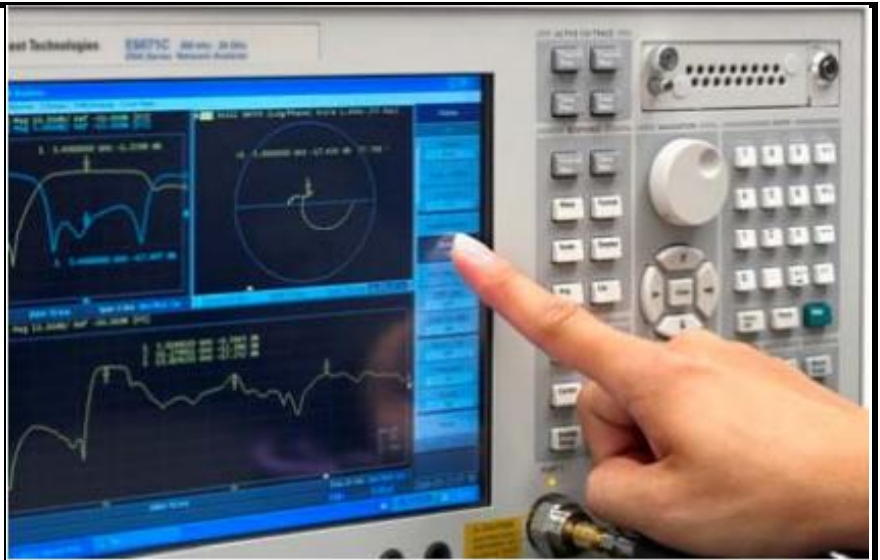
天线规格

Antenna Specification

Electrical Properties	
Frequency	5.15-5.85GHz
Impedance	50 Ohm Nominal
V.S.W.R	2.0 Max
Length	L=210mm
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

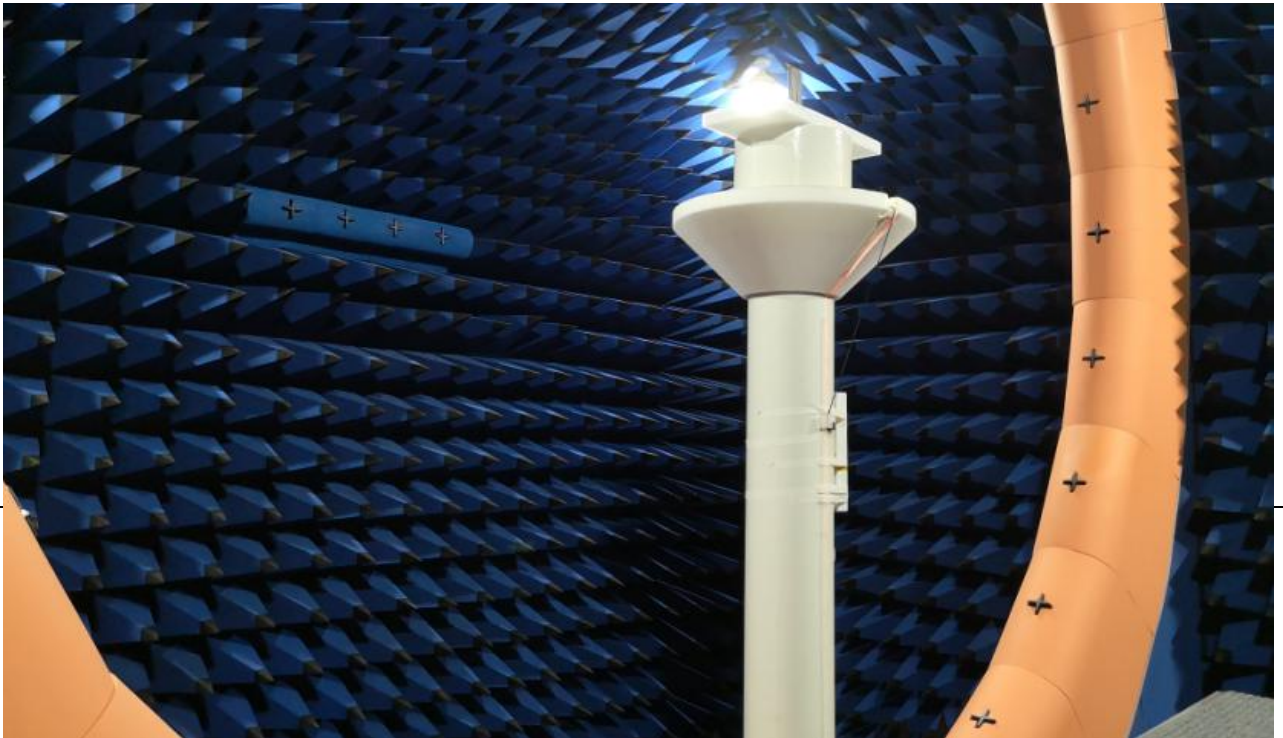
**Agilent
E5071B**



**S
Parameter
Test //
5.8G**



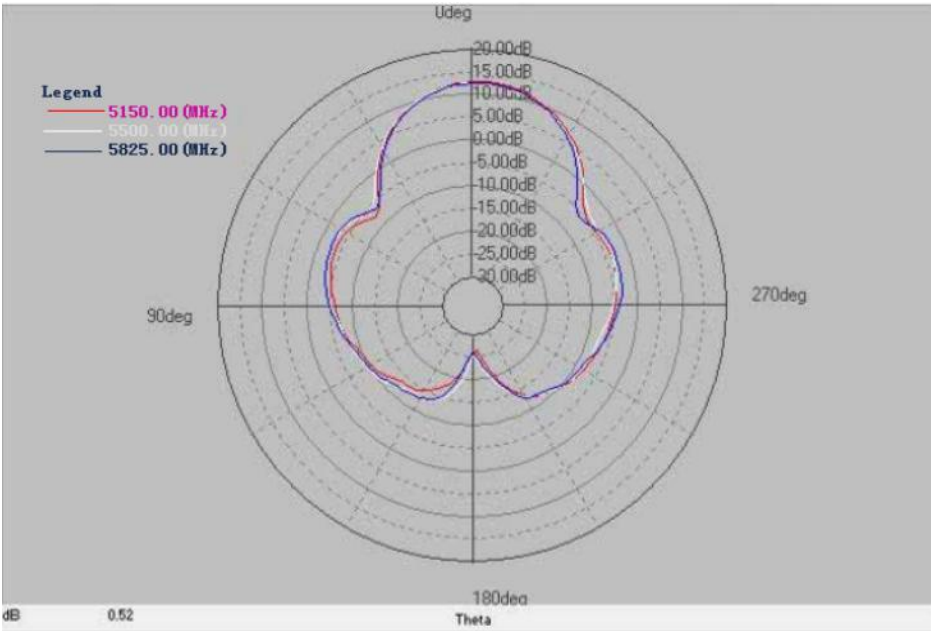
Antenna Passive Test



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





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