

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 2021/05/20

Date

编号 21052003

File No

版本 1.0

Revision

客 户

CUSTOMER: _____

客户料号

G402

CUSTOMER NO: _____

口 々

5G Antenna

品 名

PAR 1 NAME: _____

供方料号

YJW01.137.064.301A

SUPPLIER NO: _____

送样日期 D ate:

送样数量 Q "TY: _____

客户确认 C USTOMER APPROVED BY

APPROVAL	CHIEF	SUPERVISOR

供方确认 SUPPLIER SIGNATURE

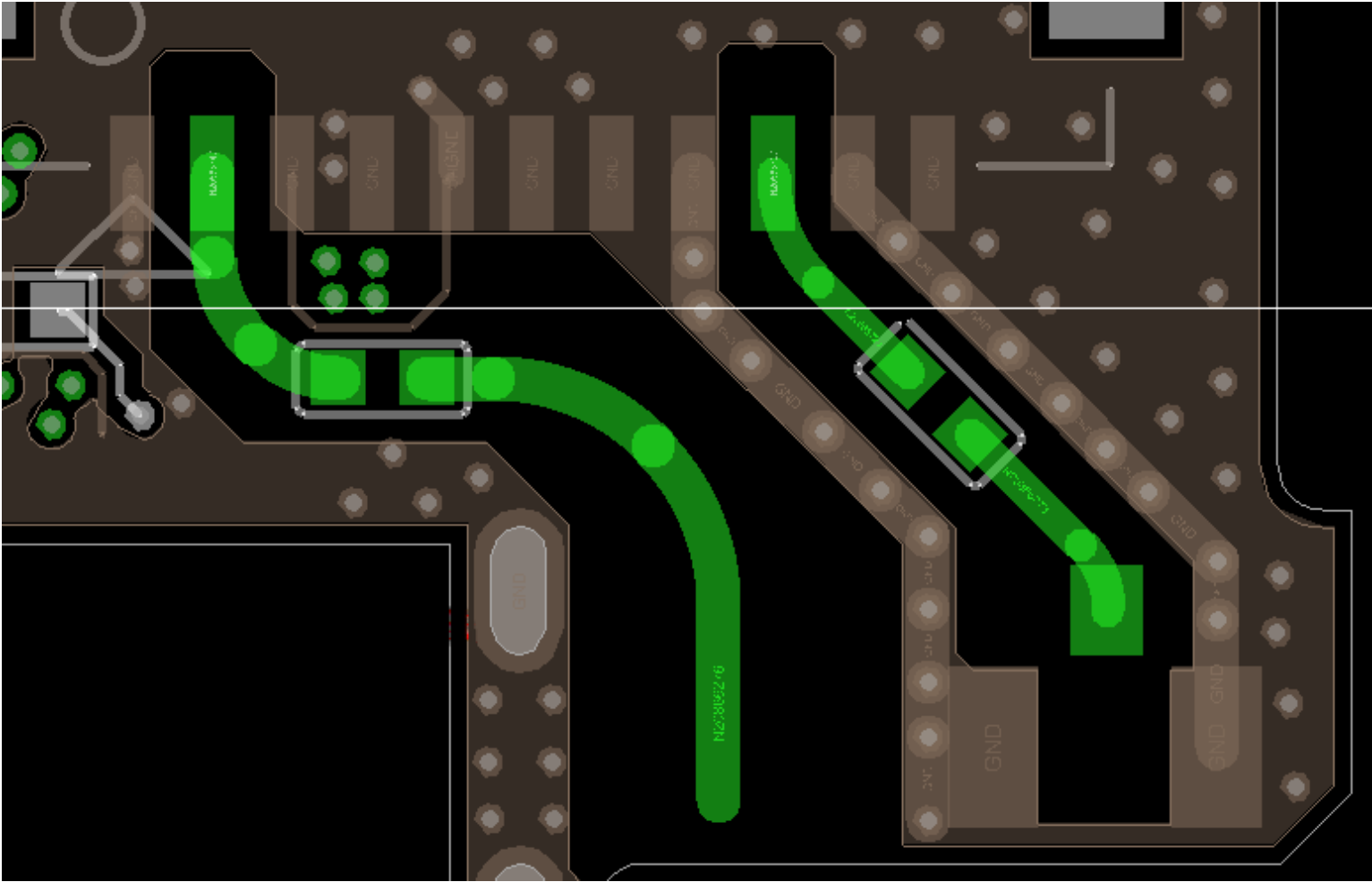
MADE	CHECK	DESIGN
Wen.zong	WenXue	ChenXingyi

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

CUSTOMER	
PART NO	

REV.	DESCRIPTION	DATE
A	首次发行	2021-05-19



Antenna Specification

Electrical Properties

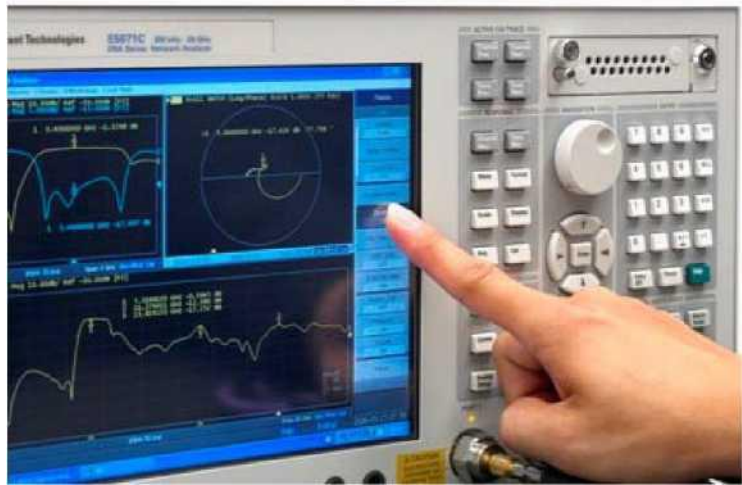
Frequency	5150-5850GHz
Impedance	50 Ohm Nominal
V.S.W.R	2.0 Max
Gain	2.5 dBi
Radiation	Omni-directional
Polarization	Linear

Physical Properties

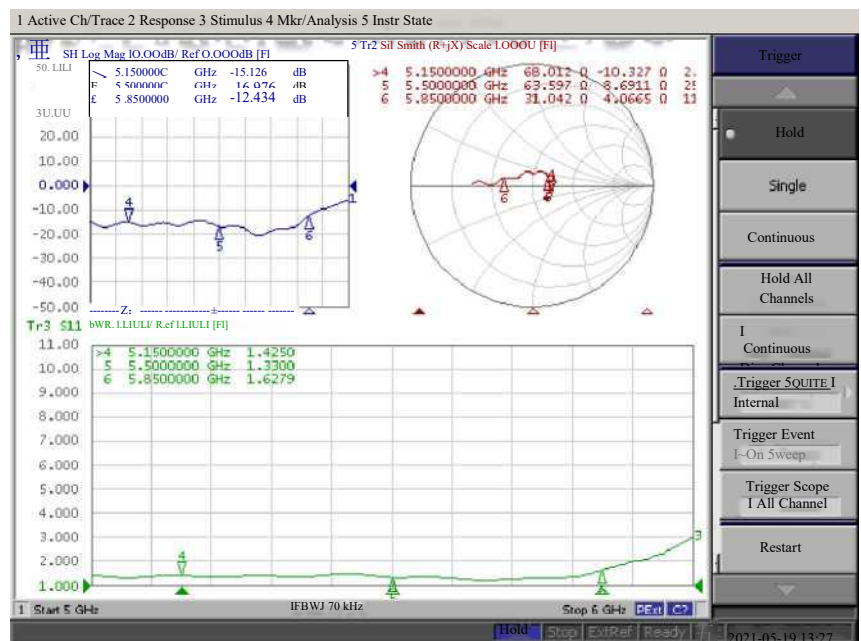
Antenna Type	PCB
Antenna Length	7mm
Operating Temp.	-40 ~+85 °C
Storage Temp / Humidity	25 ± 5°C / <70%

Antenna Performance Test

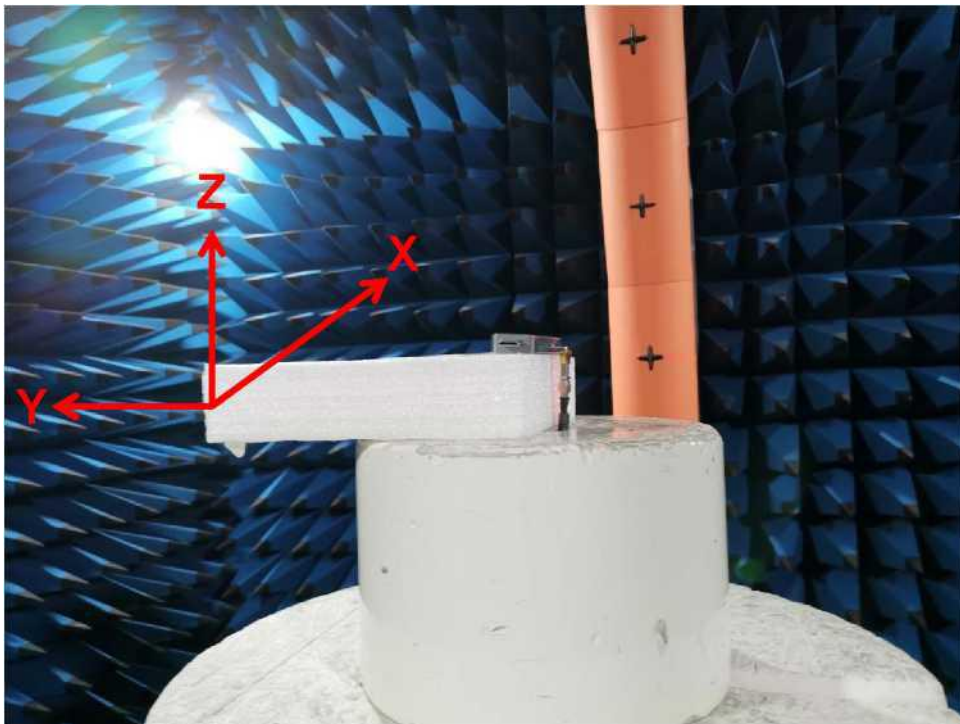
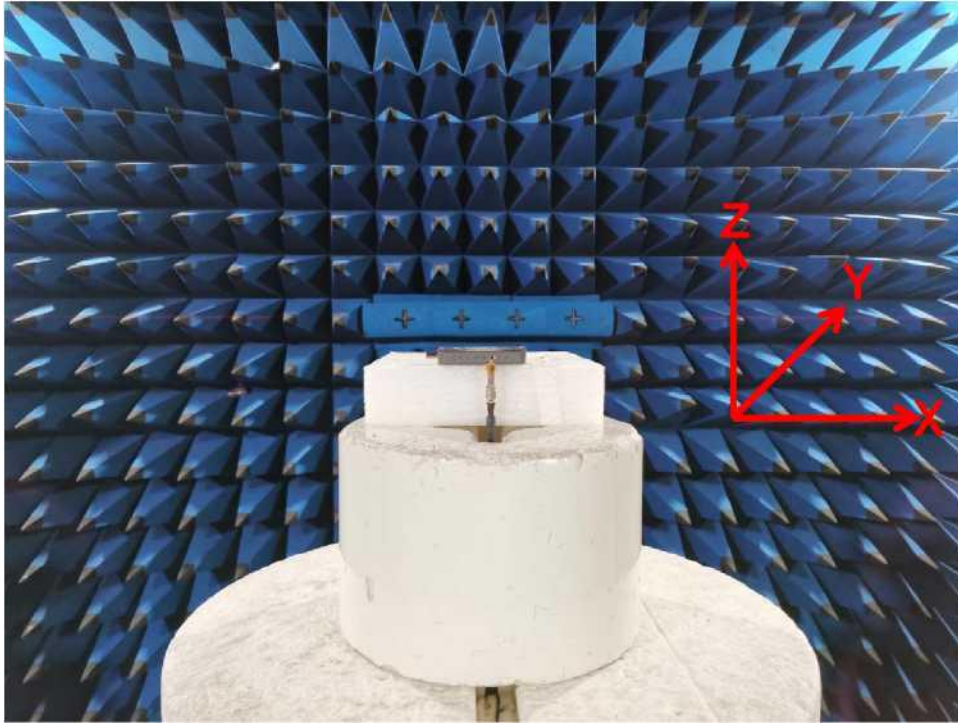
**Agilent
E5071B**



**Parameter
Test // WIFI
Antenna**



Antenna Passive Test



Passive Test For WiFi Antenna(5G)			
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
5150	49.4	-3.1	2.4
5200	49.8	-3.0	2.5
5250	49.3	-3.1	2.1
5300	49.3	-3.1	2.3
5350	47.3	-3.3	2.4
5400	48.3	-3.2	2.4
5450	51.4	-2.9	1.9
5500	49.1	-3.1	2.1
5550	51.2	-2.9	1.9
5600	54.0	-2.7	2.1
5650	56.9	-2.5	2.4
5700	52.8	-2.8	2.0
5750	51.8	-2.9	2.5
5800	54.2	-2.7	2.1
5850	50.7	-3.0	2.6

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Radiation Pattern For WIFI Antenna(5200MHz)

