



ONE PLUS ONE
Wireless Communication

Letter of Acceptance of Shenzhen OnePlus Wireless Communication Technology Co., Ltd.

APPROVAL SHEET

Customer Name	Shenzhen Smart Care Technology Limited
Project Name	GJ03A
Customer P/N	
Specification	WIFI/BT Antennas
Antenna manufacturer	
Production Date	20251222

Approval				
OnePlusOne:				
	RF Check	ME Check	QC Check	Confirm By
Signature	Yan pei Tian			Lin Zhao Kai
Date	20251222			20251222
Customer:				
	EE Check	PM Check	QC Check	Confirm By
Signature				
Date				

承认鉴章后请寄回承认书一份

Please return to us one copy of "APPROVAL SHEET" with your approved signatures

Address: Building 7, Building B1, Hangcheng Jincheng Industrial Park, Hangcheng Street
, Baoan District, Shenzhen

Contact: Li Xue Cheng 13760334554

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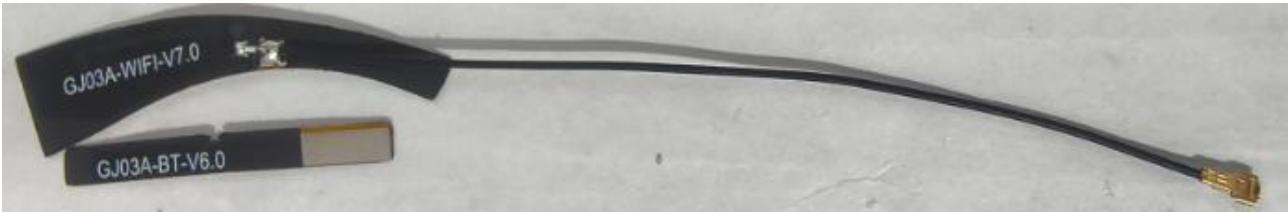
1 天线说明 Antenna description

Antenna	MAIN	DVI	GPS	WIFI	BT	
Frequence Range (MHZ)	/	/	/	2400-2500	2400-2500	
Type	/	/	/	PIFA	Single Pole	
Material	/	/	/	FPC	FPC	

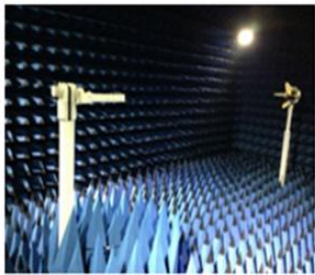
1.1 Part number

Antenna	MAIN	DIV	WIFI	BT
Antenna size(MM)	/	/	38.30*12.53	28.36*2.99
antenna screen printing	/	/	GJ03A-WIFI-V7.0	GJ03A-BT-V7.0

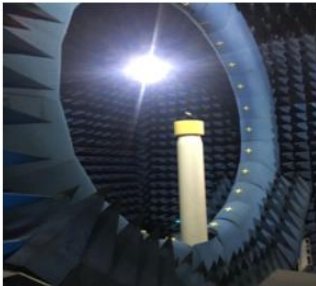
1.2 Antenna pictures



2 Testing equipment



ETS 暗室



SATIMO 暗室



人 手模



8820C 综测仪



E5071B 网络分析仪



CMW 500 综测仪

测试系统	测试环境	有源测试	无源测试
SATIMO ETS	温度:22°C±2°C 湿度:50%±15%	2G/3G/4G/WIFI/BT	600MHZ-6GHZ

3 Test data

3.1 Passive

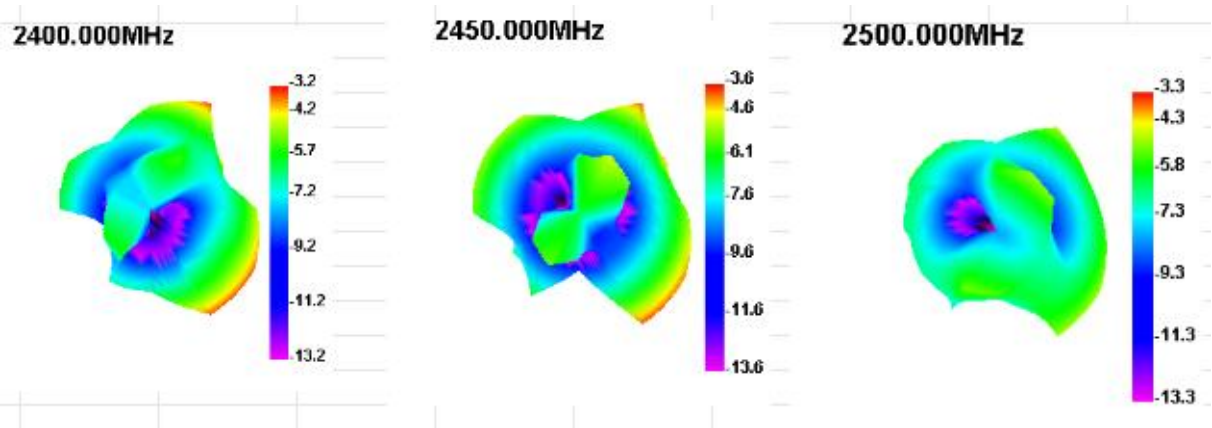
Lag Msg



3.2 Active

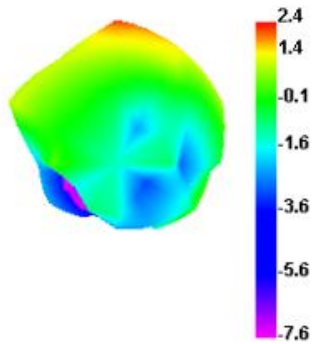
BT

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	23.55	-6.28	-3.18
2410	24.44	-6.12	-2.14
2420	24.79	-6.06	-1.75
2430	25.58	-5.92	-2.41
2440	25.7	-5.90	-1.87
2450	25.87	-5.87	-3.58
2460	25.42	-5.95	-2.83
2470	25.03	-6.02	-4.56
2480	24.06	-6.19	-2.41
2490	23.29	-6.33	-2.43
2500	22.67	-6.45	-3.34

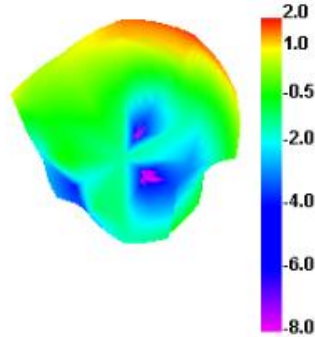


Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	25.05	-6.01	2.39
2410	25.24	-5.98	2.3
2420	26.17	-5.82	1.65
2430	26.87	-5.71	1.88
2440	27.08	-5.67	1.65
2450	27.73	-5.57	2.01
2460	26.81	-5.72	2.08
2470	26.09	-5.84	1.69
2480	25.93	-5.86	2.98
2490	25.61	-5.92	2.18
2500	24.69	-6.07	2.22

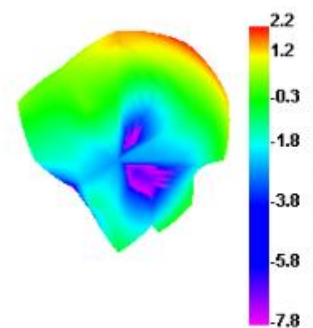
2400.000MHz



2450.000MHz



2500.000MHz



4 Matching Circuit Description



5 Environmental Treatment



6 Reliability Test Report

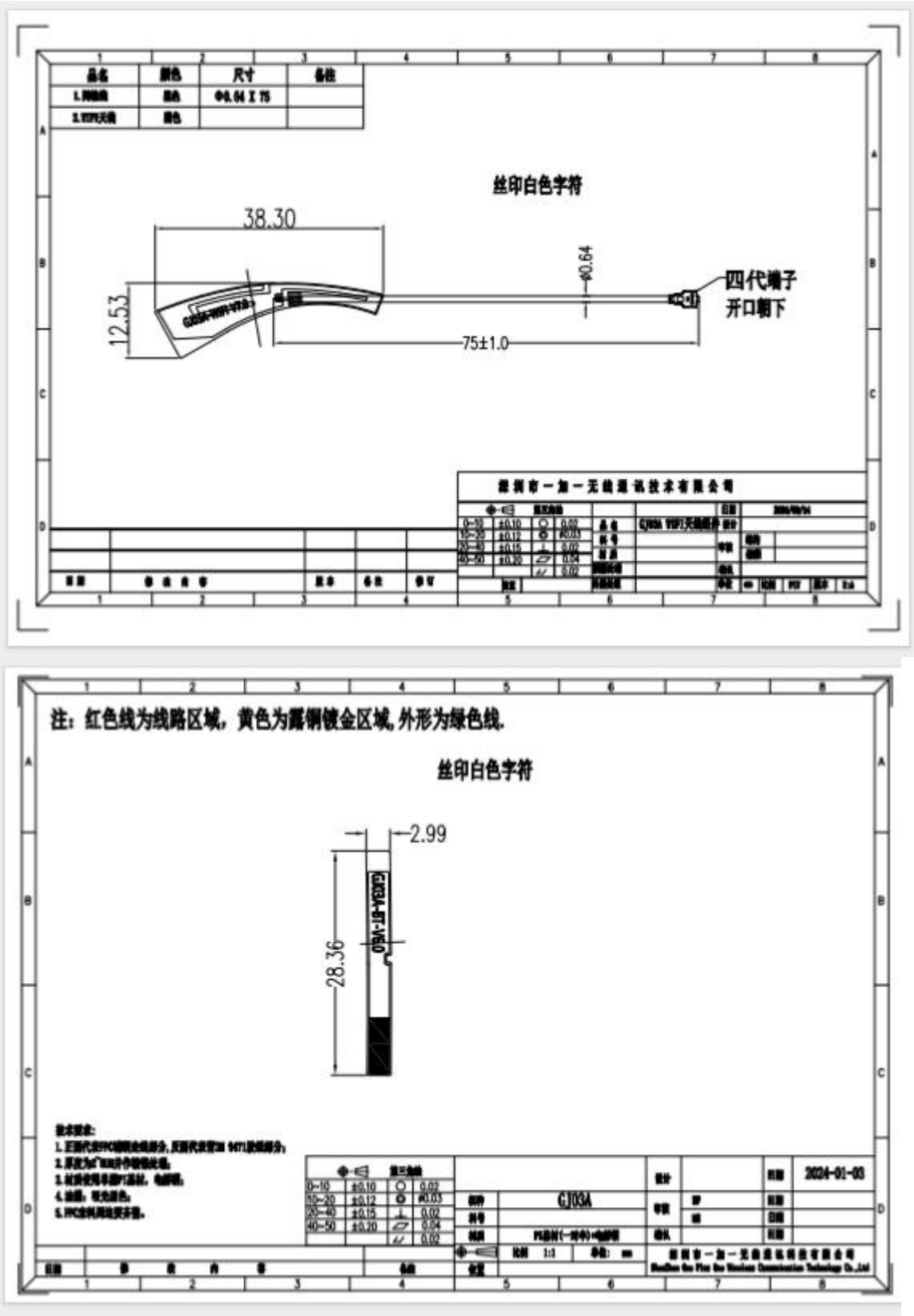
Test Date	August 12,2025	Sample Qty	1	Tester	YAN PEI TIAN	
Test Items	Requirement	Test Equipment	Sample 1	Sample 2	Sample	PASS/NG
high temperature storage	Exposure at +85 ° C for 24 hours, followed by recovery for 2 hours prior to testing	constant temperature and humidity chamber	OK	OK	OK	Pass
cryogenic storage	Exposure to-40° C for 24 hours, followed by recovery for 2 hours prior to testing	constant temperature and humidity chamber	OK	OK	OK	Pass
high temperature work	Operating under +60 ° C for 24 hours with power supply	constant temperature and humidity chamber	OK	OK	OK	Pass
cryogenic operation	Operated under-20 ° C for 24 hours with power supply	constant temperature and humidity chamber	OK	OK	OK	Pass
Salt Spray Test	(5±0.5)% sodium chloride, pH 6.5-7.2, experimental chamber temperature (35±2) ° C for 48 hours	constant temperature and humidity chamber	OK	OK	OK	Pass
Conclusions						Pass

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7 Drawing

7.1 Dimensional drawing



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7.2 Assembly drawing

8 Packaging specifications

Delivered way Antenna Type	Whole Plate	In bag	FPC
FPC			
FPC+ coaxial line			
Steel sheet			
LDS			
External Antenna			
Cable			