



深圳市金利源兴电子有限公司
Shen zhen Golden-Resource Electronic Co.,Ltd.

规格承认书

SPECIFICATION FOR APPROVAL

Manufacturer:Smart Electronic Industrial (Dongguan) Co., Ltd
Address :Room 101, 10 Qinglong Road Huangjiang Town,Dong
Guan ,Guang Dong, China
WLAN ant
Model Name :2.4G Antenna

日期 Date	2024/02/26
编号 File No	24022603
版本 Revision	1.0

客户
CUSTOMER: 东莞盛世科技电子实业有限公司

客户料号
CUSTOMER NO: ETGD37SWPEX10-JLY

品名
PART NAME: 2.4G Antenna

供方料号
SUPPLIER NO: YJW01.029.119.302A

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	XieLi	ChenXingcheng

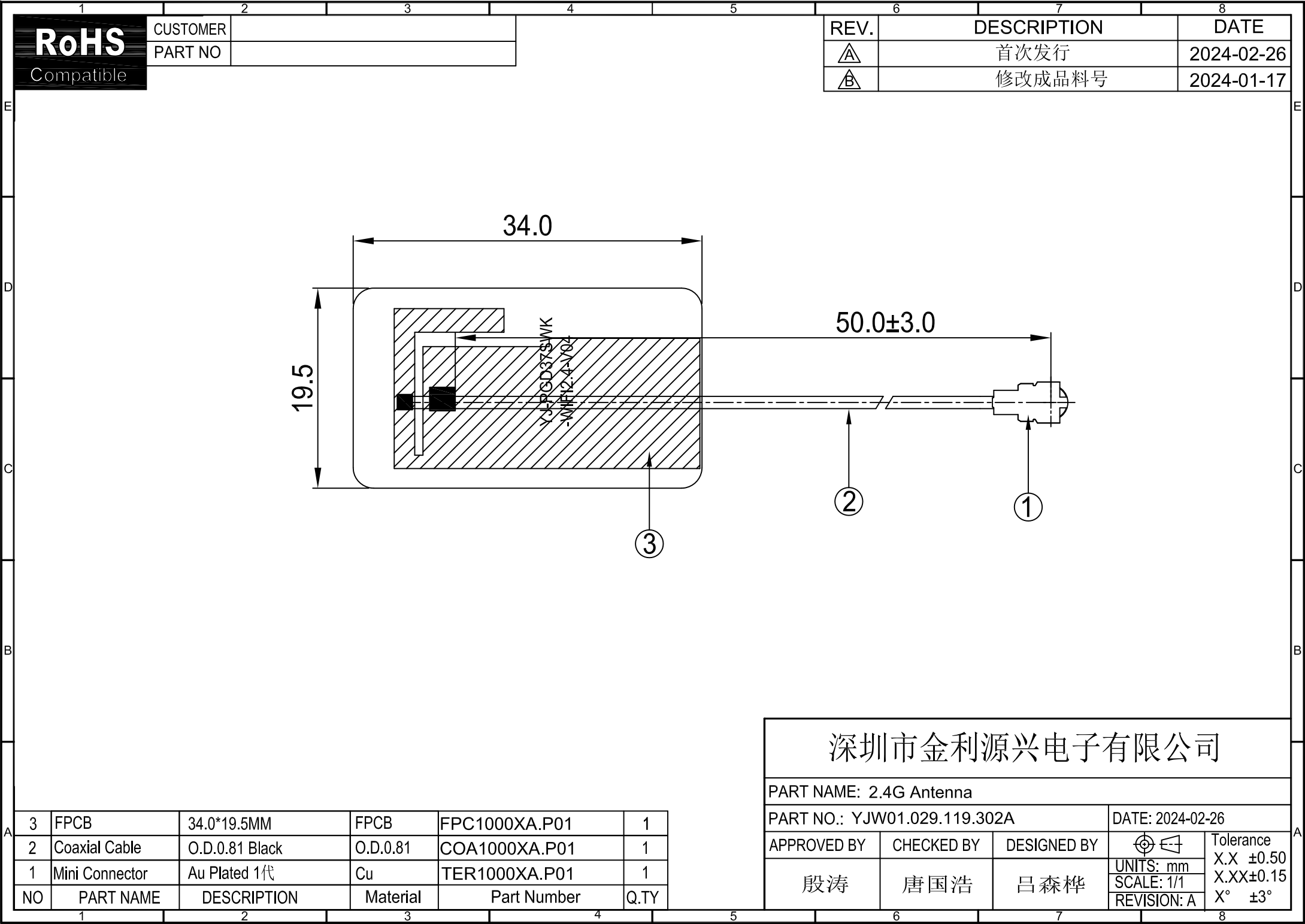
YJ-RD-F04-A

add: 深圳市龙华新区梅龙路南贤商业广场B座17A-03A Tel:0755-83524561



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 (Passive Test)	2	6 ~ 7
7	方向图 (Radiation Pattern)	3	8 ~ 10
8	天线装配图 (Antenna Profile)	3	11 ~ 13
9	材质证明 (Material Certificate)	43	14 ~ 56
10	RoHS报告 (RoHS Test Report)	**	**
11	N/A	N/A	N/A
12	-	-	-
13	-	-	-



RoHS
Compatible

CUSTOMER	
PART NO	

REV.	DESCRIPTION	DATE
A	首次发行	2024-02-26
B	修改成品料号	2024-01-17

3	FPCB	34.0*19.5MM	FPCB	FPC1000XA.P01	1
2	Coaxial Cable	O.D.0.81 Black	O.D.0.81	COA1000XA.P01	1
1	Mini Connector	Au Plated 1代	Cu	TER1000XA.P01	1
NO	PART NAME	DESCRIPTION	Material	Part Number	Q.TY

深圳市金利源兴电子有限公司					
PART NAME: 2.4G Antenna					
PART NO.: YJW01.029.119.302A			DATE: 2024-02-26		
APPROVED BY	CHECKED BY	DESIGNED BY		Tolerance	
殷涛	唐国浩	吕森桦		X.X ±0.50	
				X.XX±0.15	
				X° ±3°	
			UNITS: mm		
			SCALE: 1/1		
			REVISION: A		



天线规格

Antenna Specification

Electrical Properties

Frequency	2.4-2.5GHz
Impedance	50 Ohm Nominal
V.S.W.R	2.5 Max
Gain	-0.3 dBi
Radiation	Omni-directional
Polarization	Linear

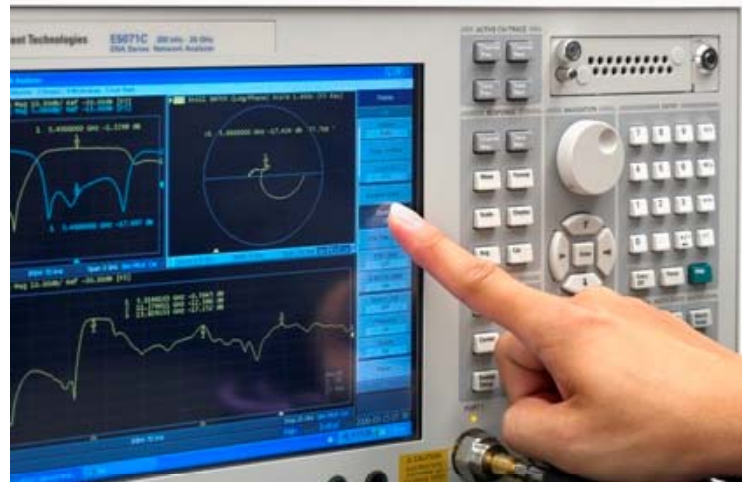
Physical Properties

Connector	1代IPEX
Cable Type	O.D.0.81mm
Cable Length	50mm
Cable Color	Black
Operating Temp.	-40 ~ +85 °C
Storage Temp / Humidity	25±5°C / <70%

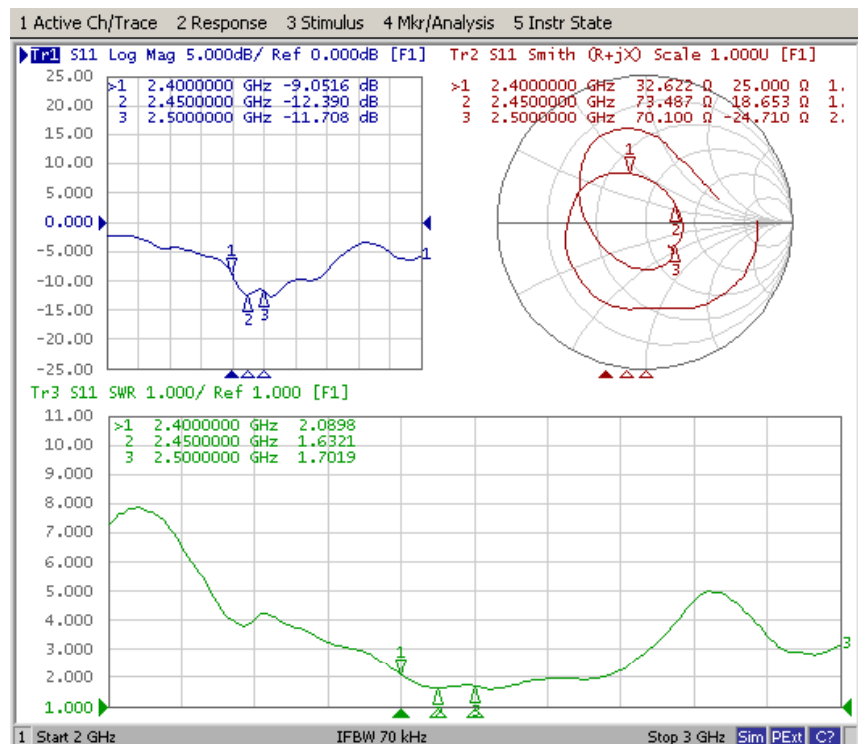
add: 深圳市龙华新区梅龙路南贤商业广场B座17A-03A Tel:0755-83524561



Agilent E5071B

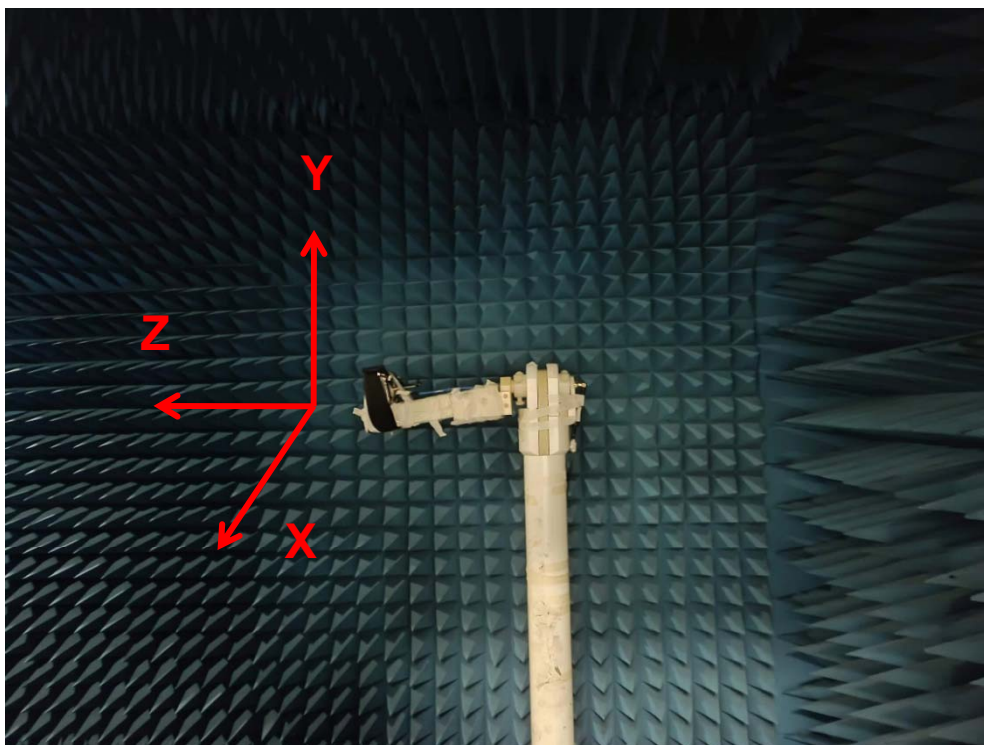
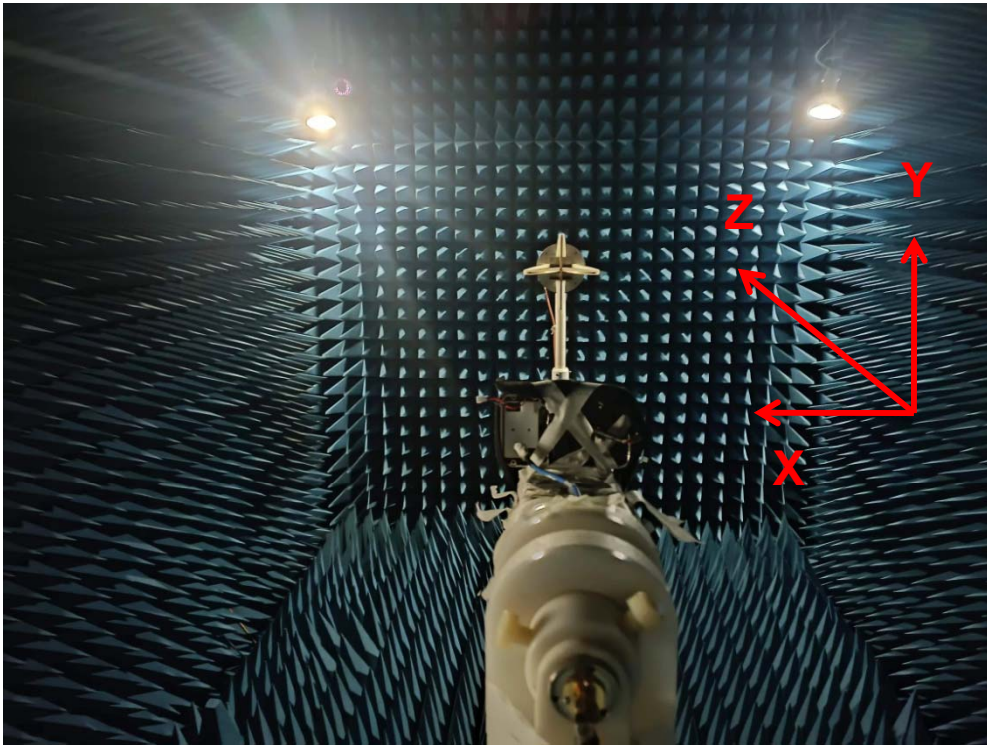


S Parameter Test // WiFi Antenna





Antenna Passive Test



add: 深圳市龙华新区梅龙路南贤商业广场B座17A-03A Tel:0755-83524561



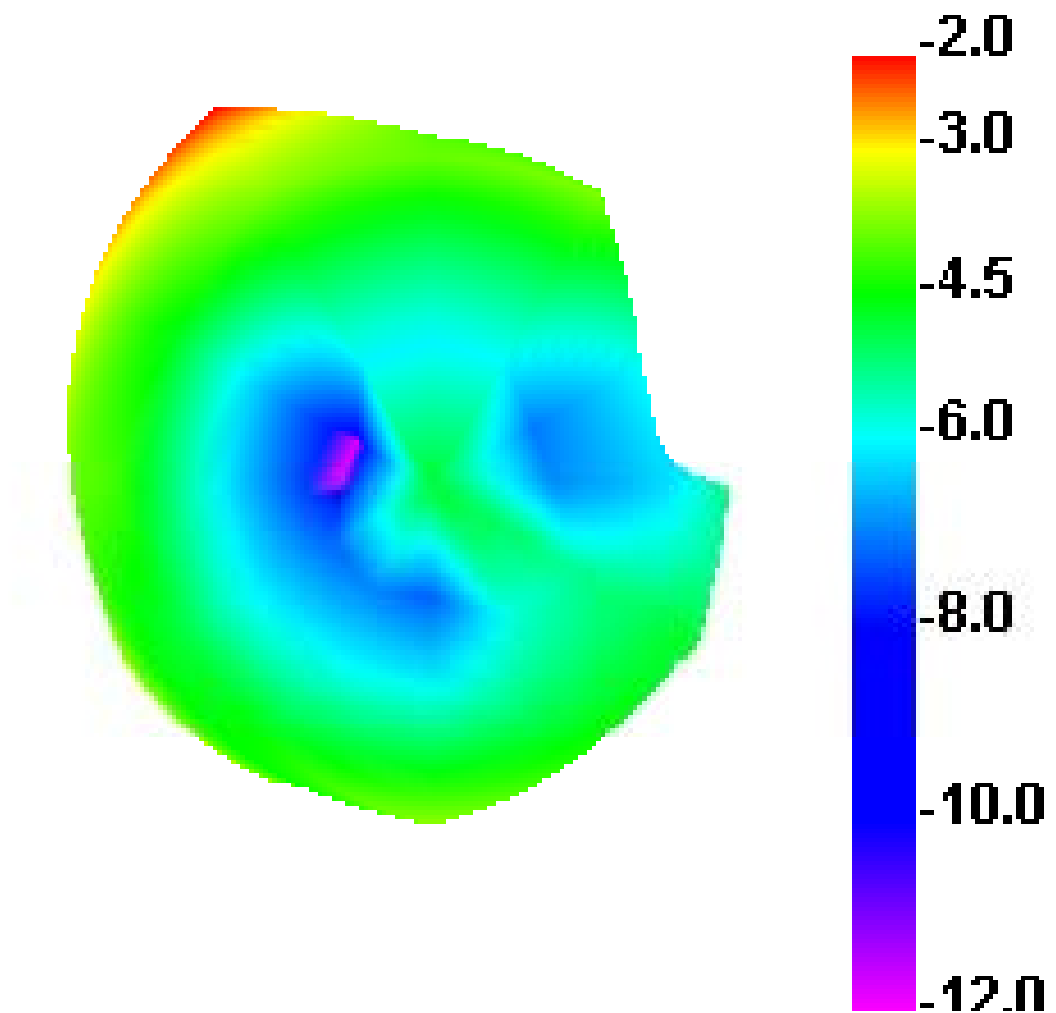
Passive Test For WiFi Antenna(2.4G)			
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	17.8	-7.5	-2.0
2410	18.0	-7.5	-1.7
2420	18.5	-7.3	-1.4
2430	18.3	-7.4	-1.2
2440	18.5	-7.3	-1.0
2450	19.5	-7.1	-0.6
2460	19.9	-7.0	-0.5
2470	20.9	-6.8	-0.3
2480	21.0	-6.8	-0.3
2490	21.3	-6.7	-0.4
2500	21.8	-6.6	-0.7

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Radiation Pattern For WiFi Antenna

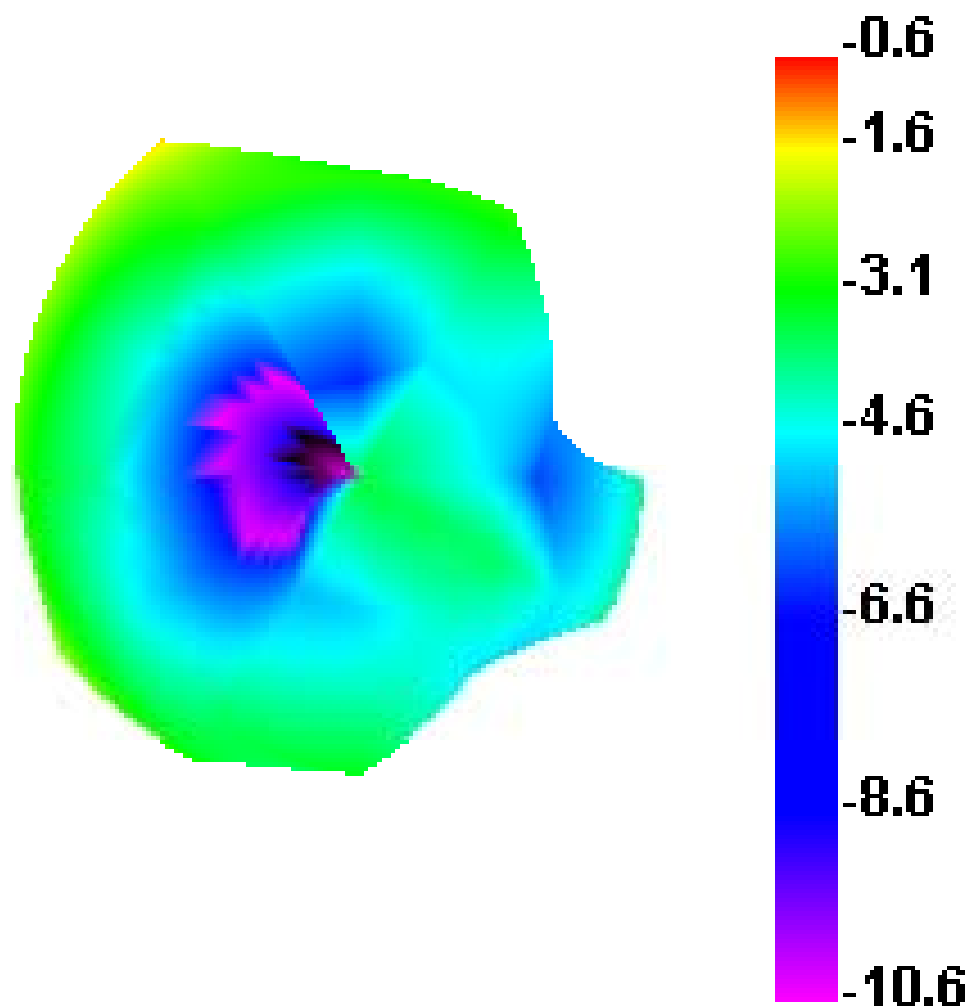
2400.000MHz





Radiation Pattern For WiFi Antenna

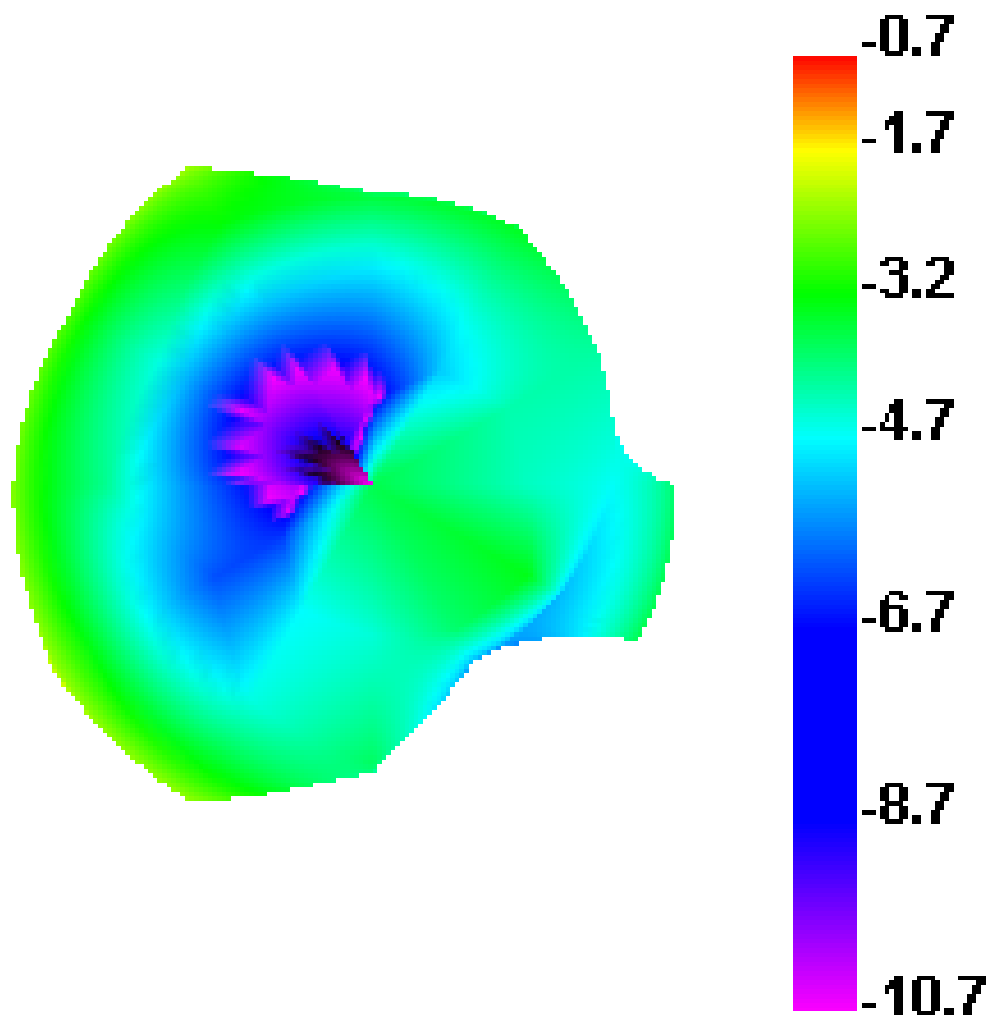
2450.000MHz





Radiation Pattern For WiFi Antenna

2500.000MHz





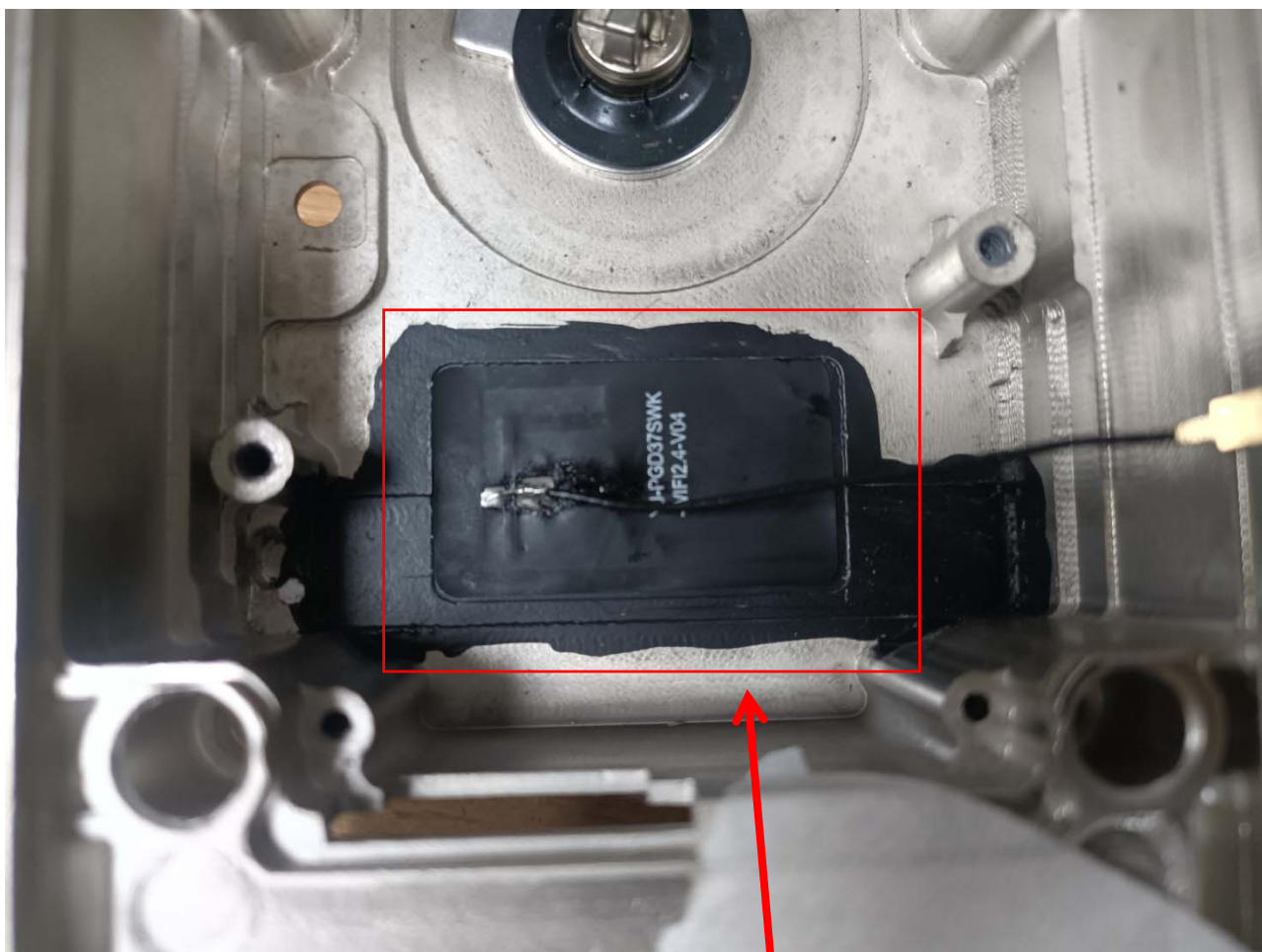
Device





Antenna WiFi





WiFi Antenna



深圳市金利源兴电子有限公司
Shen zhen Golden-Resource Electronic Co.,Ltd.

规格承认书

SPECIFICATION FOR APPROVAL

Manufacturer: Smart Electronic Industrial (Dongguan) Co., Ltd
Address : Room 101, 10 Qinglong Road Huangjiang Town, Dong Guan ,
Guang Dong, China
BT ant
Model Name : 2.4G Antenna

日期 Date	2024/02/26
编号 File No	24022602
版本 Revision	1.0

客 户 东莞盛世科技电子实业有限公司
CUSTOMER: _____

客户料号 ETGD37SWMCX10-JLY
CUSTOMER NO: _____

品 名 2.4G Antenna
PART NAME: _____

供方料号 YJW01.029.124.302A
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	XieLi	ChenXingcheng

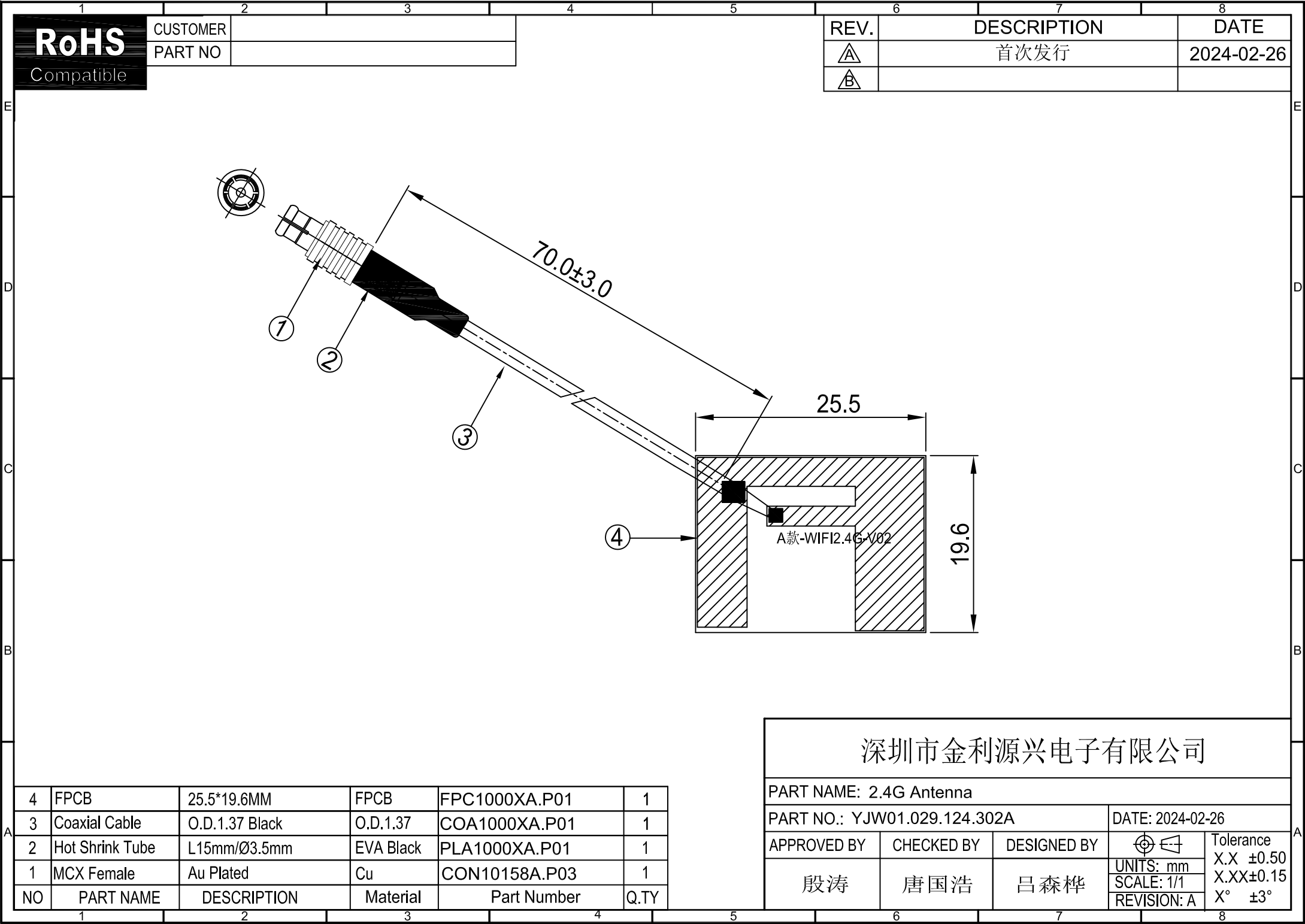
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9	材质证明 (Material Certificate)	47	14 ~ 60
10	RoHS报告 (RoHS Test Report)	**	**
11	N/A	N/A	N/A
12	-	-	-
13	-	-	-



RoHS
Compatible

CUSTOMER	
PART NO	

REV.	DESCRIPTION	DATE
A	首次发行	2024-02-26
B		

4	FPCB	25.5*19.6MM	FPCB	FPC1000XA.P01	1
3	Coaxial Cable	O.D.1.37 Black	O.D.1.37	COA1000XA.P01	1
2	Hot Shrink Tube	L15mm/Ø3.5mm	EVA Black	PLA1000XA.P01	1
1	MCX Female	Au Plated	Cu	CON10158A.P03	1
NO	PART NAME	DESCRIPTION	Material	Part Number	Q.TY

深圳市金利源兴电子有限公司					
PART NAME: 2.4G Antenna					
PART NO.: YJW01.029.124.302A				DATE: 2024-02-26	
APPROVED BY	CHECKED BY	DESIGNED BY		Tolerance	
殷涛	唐国浩	吕森桦	UNITS: mm	X.X ±0.50	
			SCALE: 1/1	X.XX±0.15	
			REVISION: A	X° ±3°	



天线规格

Antenna Specification

Electrical Properties

Frequency	2.4-2.5GHz
Impedance	50 Ohm Nominal
V.S.W.R	3.0 Max
Gain	1.8 dBi
Radiation	Omni-directional
Polarization	Linear

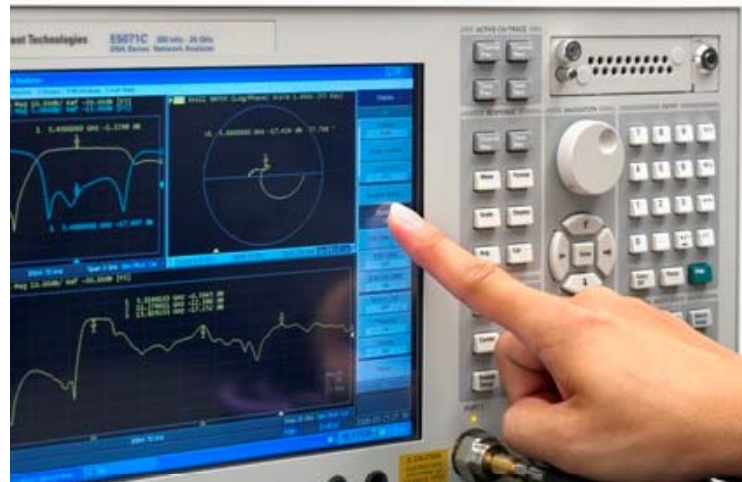
Physical Properties

Connector	MCX Female
Cable Type	O.D.1.37mm
Cable Length	70mm
Cable Color	Black
Operating Temp.	-40 ~ +85 °C
Storage Temp / Humidity	25±5°C / <70%

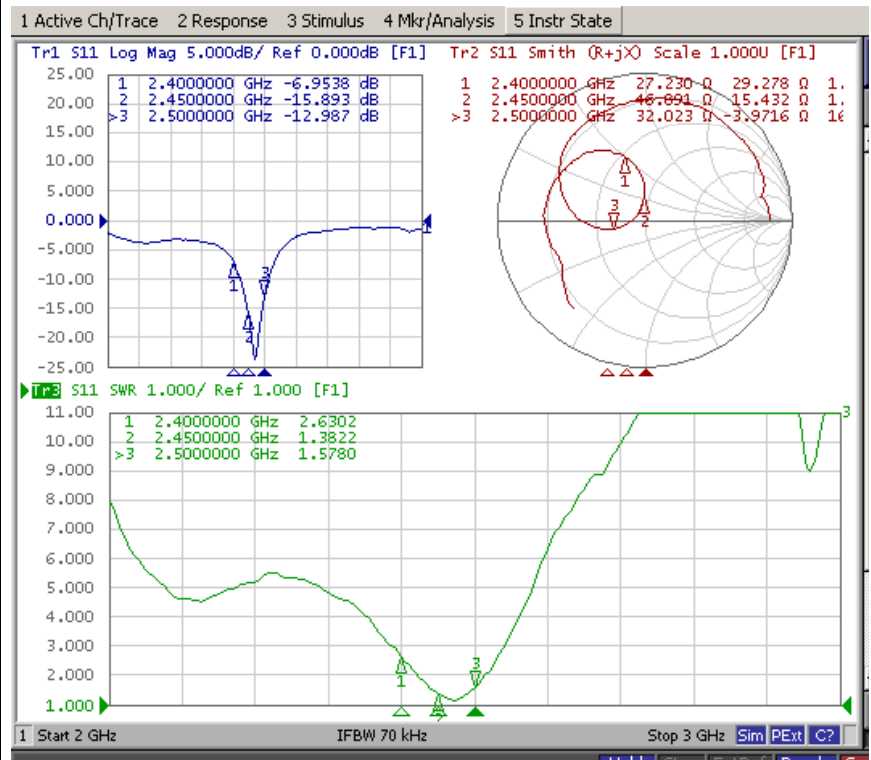
add: 深圳市龙华新区梅龙路南贤商业广场B座17A-03A Tel:0755-83524561



Agilent E5071B

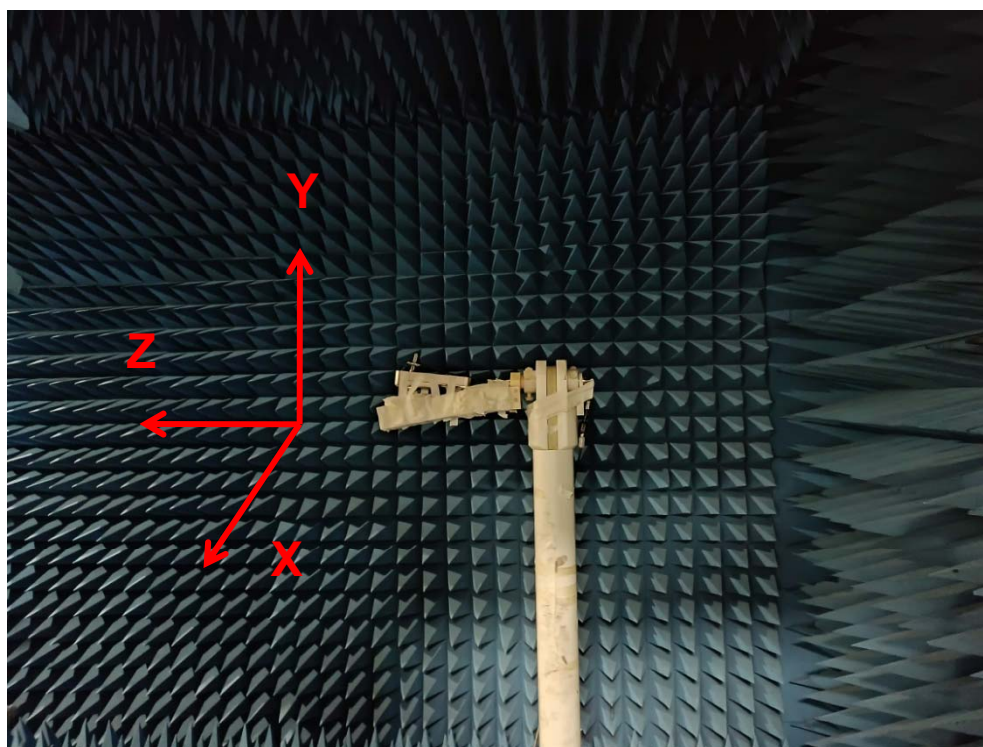
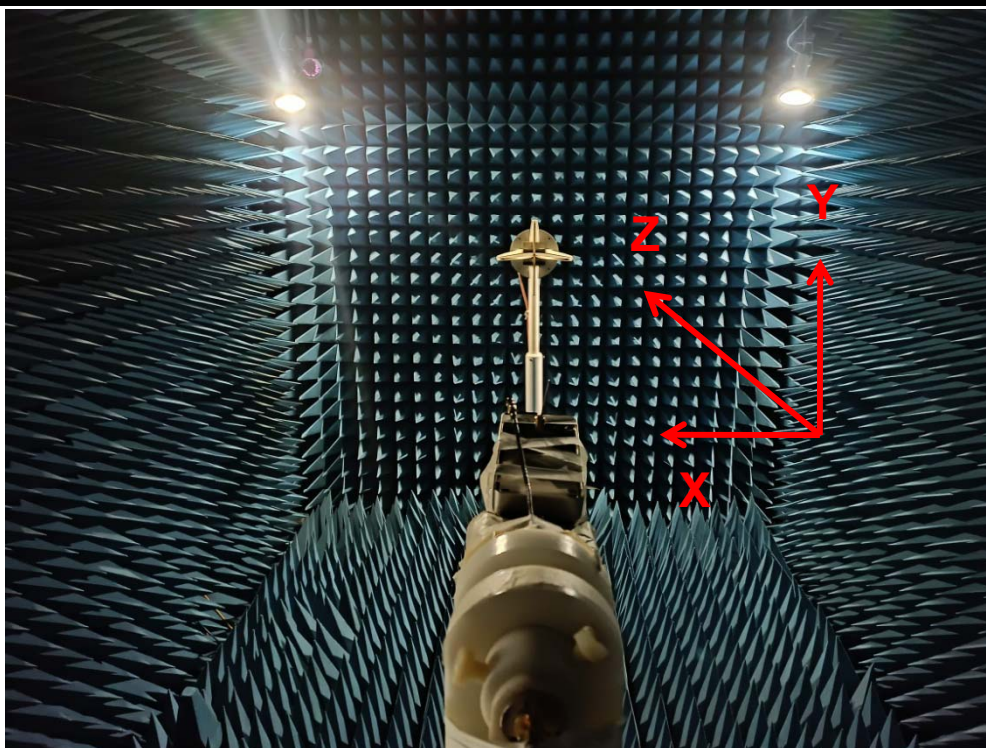


S Parameter Test // WiFi Antenna





Antenna Passive Test





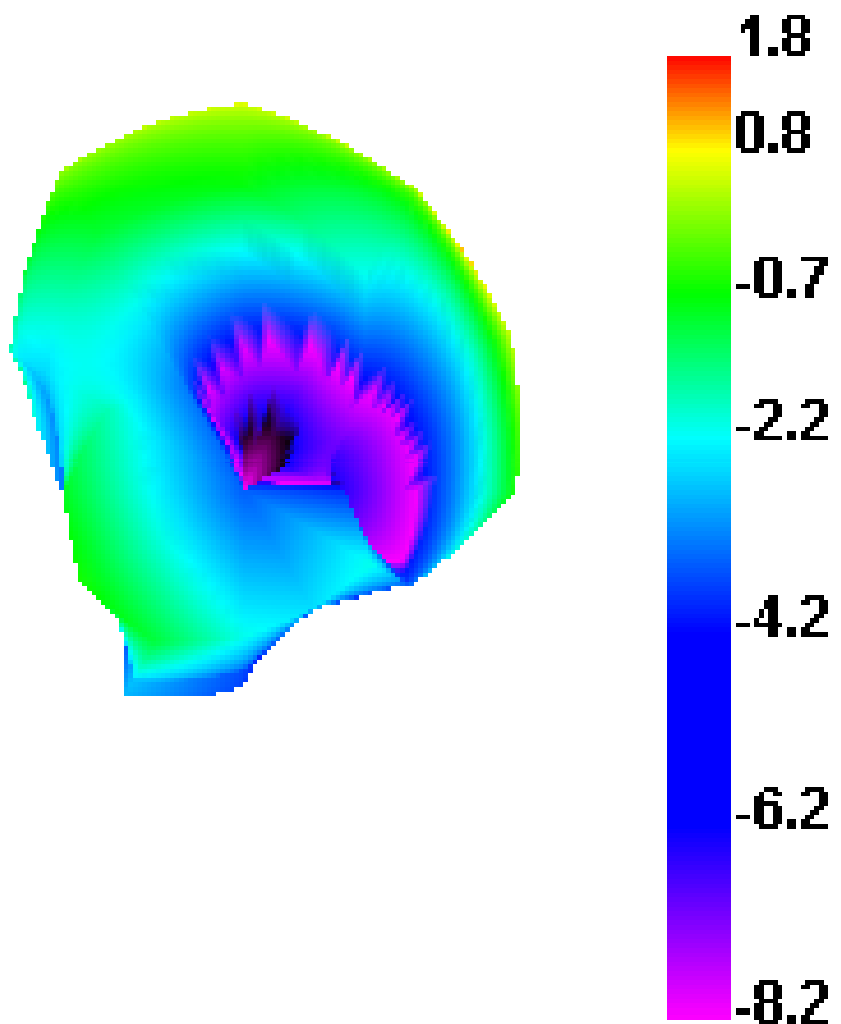
Passive Test For WiFi Antenna			
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	33.3	-4.8	1.8
2410	29.7	-5.3	1.1
2420	25.7	-5.9	0.2
2430	22.9	-6.4	-0.6
2440	23.1	-6.4	-0.7
2450	24.7	-6.1	-0.3
2460	24.7	-6.1	-0.1
2470	26.8	-5.7	0.5
2480	28.4	-5.5	1.2
2490	30.3	-5.2	1.7
2500	30.4	-5.2	1.5

add: 深圳市龙华新区梅龙路南贤商业广场B座17A-03A Tel:0755-83524561



Radiation Pattern For WiFi Antenna

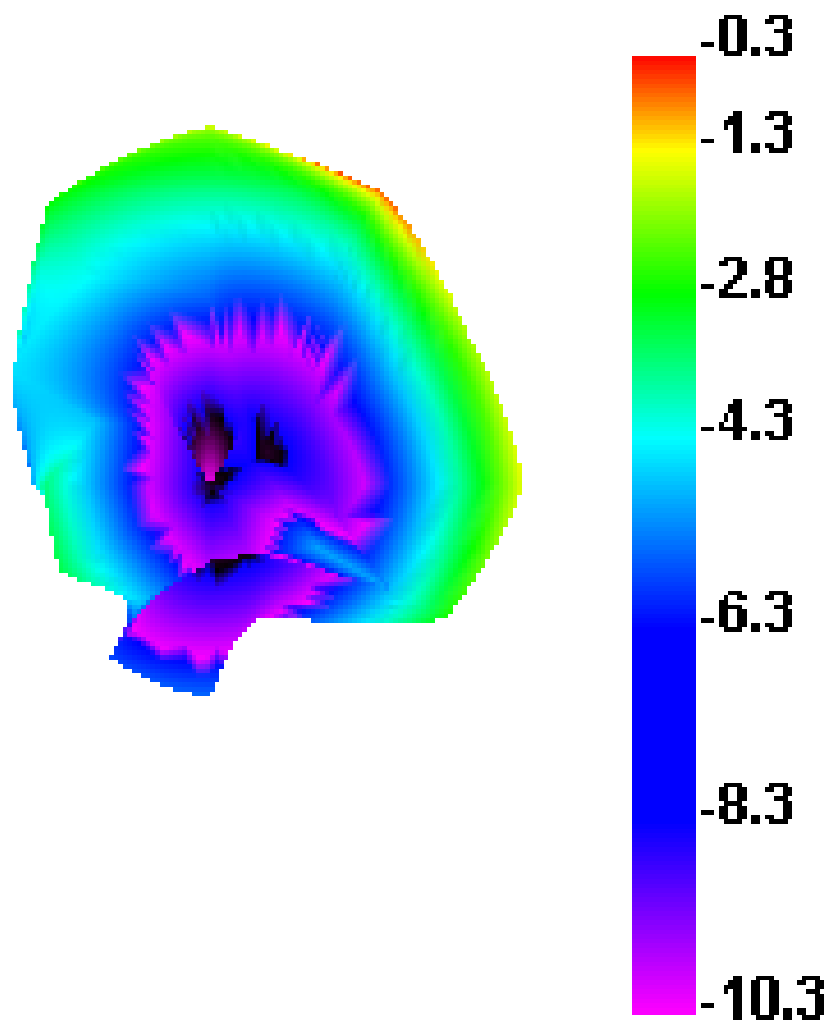
2400.000MHz





Radiation Pattern For WiFi Antenna

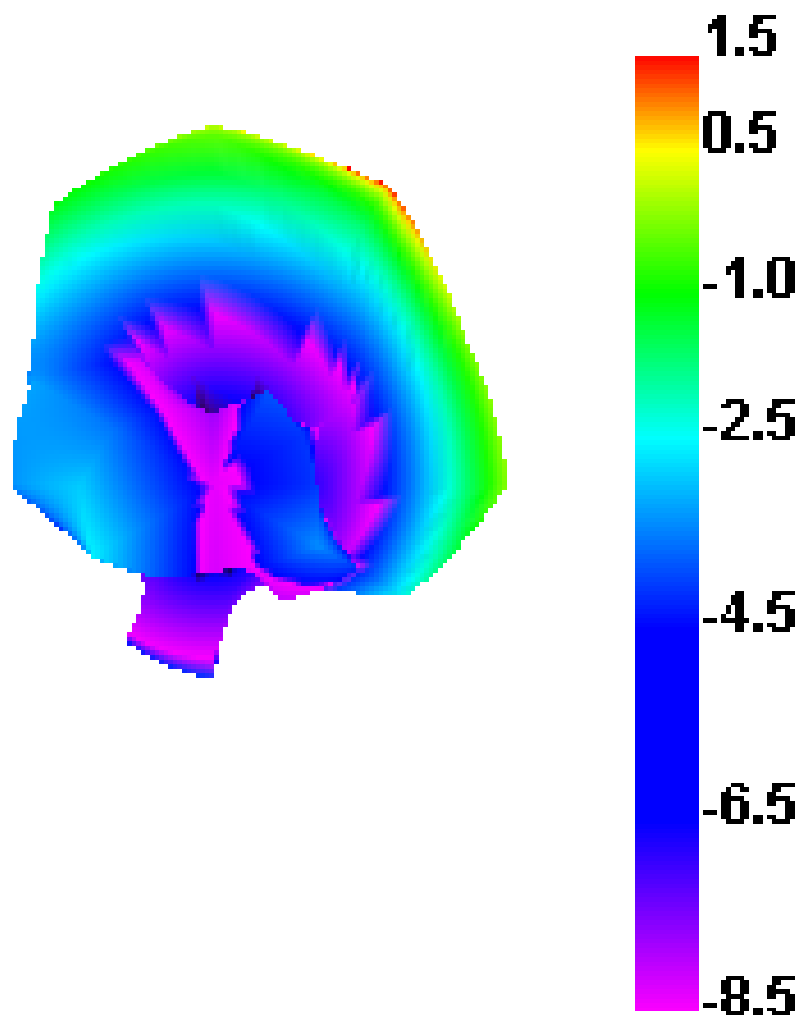
2450.000MHz





Radiation Pattern For WiFi Antenna

2500.000MHz





Device





Antenna WiFi



add: 深圳市龙华新区梅龙路南贤商业广场B座17A-03A Tel:0755-83524561



WiFi Antenna