



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

日期 Date	2024/05/20
编号 File No	24052002
版本 Revision	1.0

客户
CUSTOMER: SMART ELECTRONIC INDUSTRIAL CO.,LTD.

客户料号
CUSTOMER NO:

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

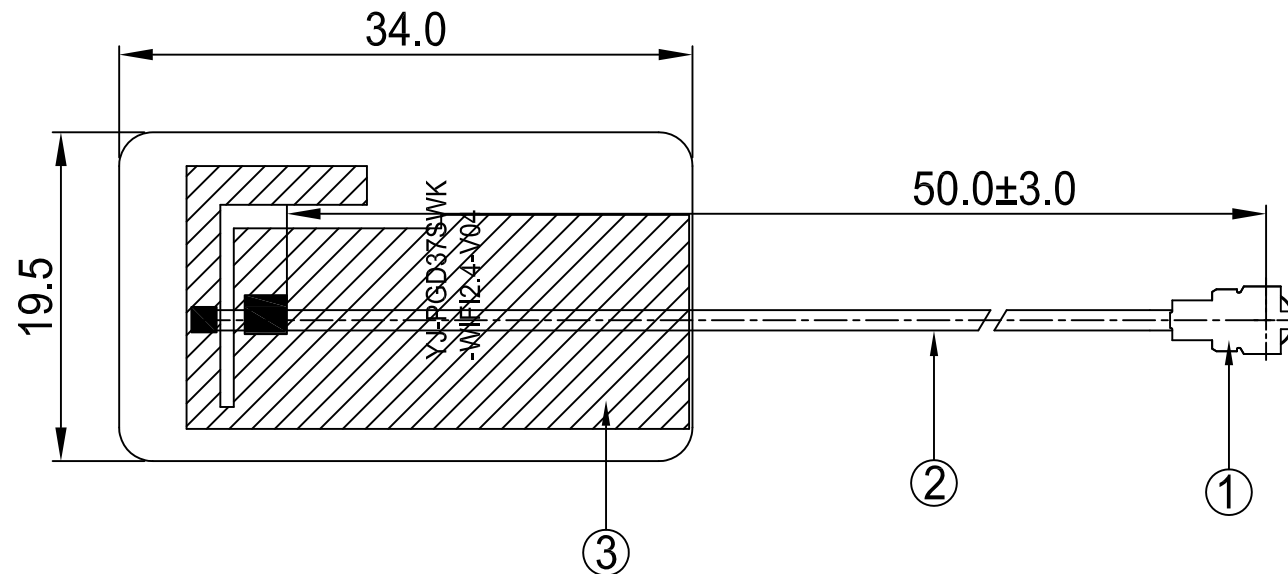
add: 17A-03A, Block B, Nanxian Commercial Plaza, Meilong Road, Longhua New District, Shenzhen



承认书项目表

Spec Item

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13	-	-	-



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	Gold Plated 1st Generation	Cu	TER1000XA.P01	1
NO	PART NAME	DESCRIPTION	Material	Part Number	Q.TY

Shen zhen Golden-Resource Electronic Co.,Ltd.

PART NAME: 2.4G Antenna

PART NO.: YJW01.029.119.302A

DATE: 2023-10-20

APPROVED BY	CHECKED BY	DESIGNED BY		Tolerance
Yin tao	tangguohao	Lusenhua	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

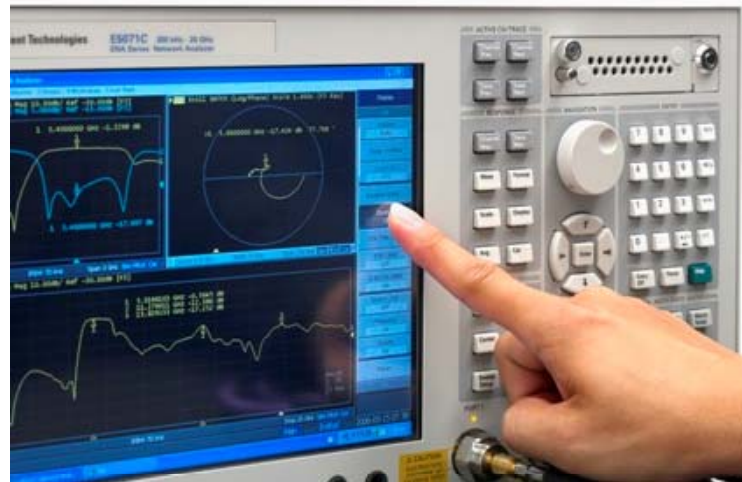
Frequency	2.4-2.5GHz
Impedance	50 Ohm Nominal
V.S.W.R	2.5 Max
Gain	-0.3 dBi
Radiation	Omni-directional
Polarization	Linear

Physical Properties

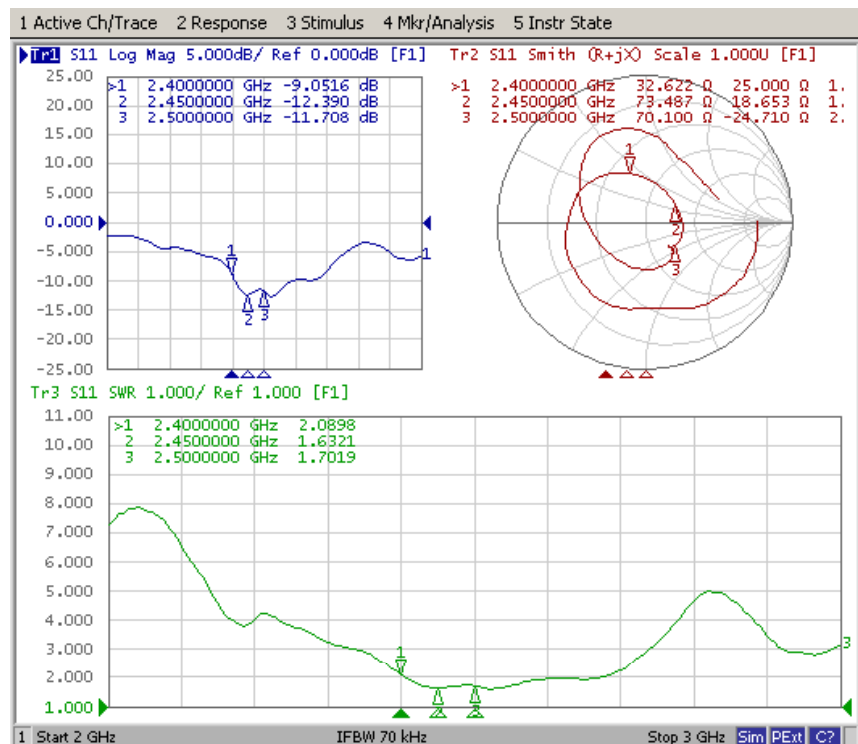
Connector	1 Generation IPEX
Cable Type	O.D.0.81mm
Cable Length	50mm
Cable Color	Black
Operating Temp.	-40 ~ +85 °C
Storage Temp / Humidity	25±5°C / <70%



Agilent E5071B

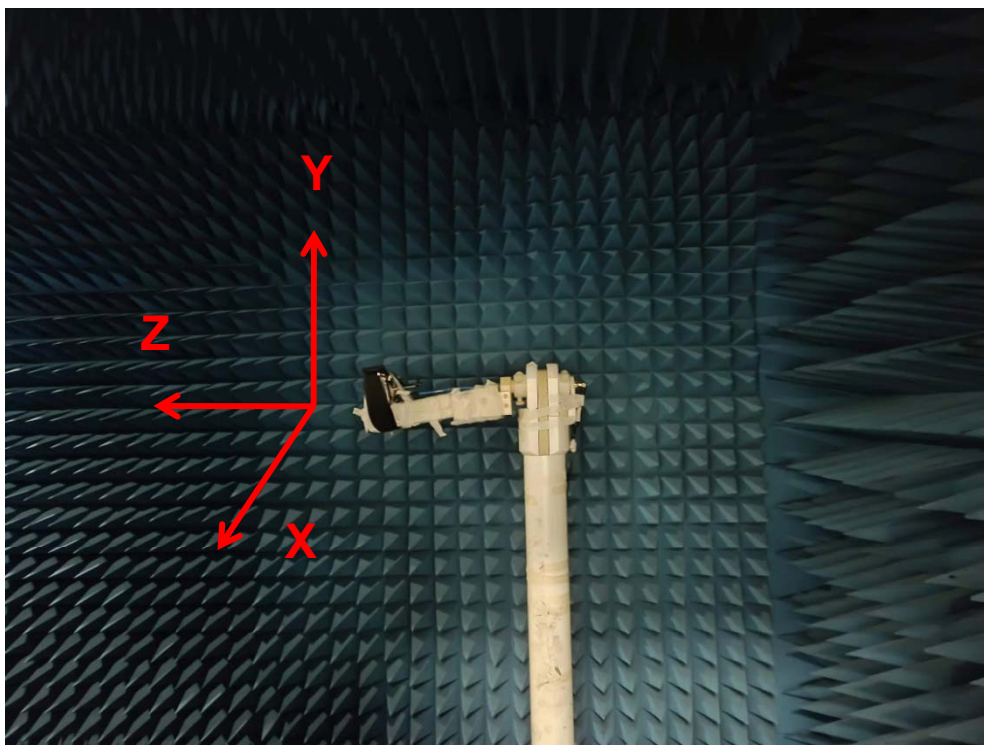
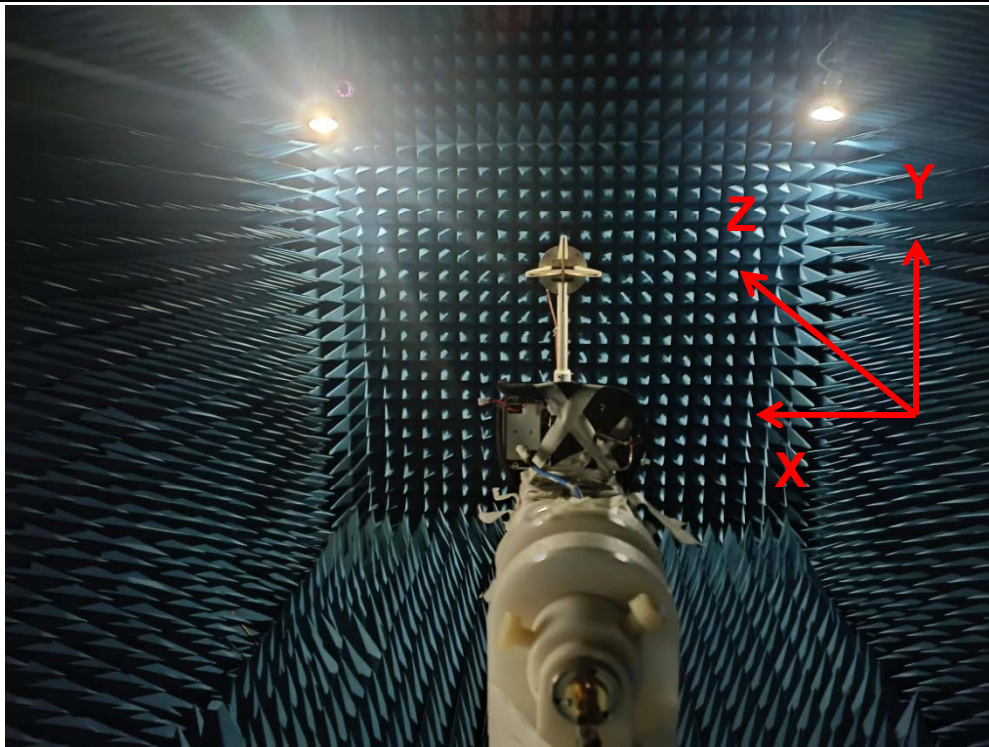


S Parameter Test // WiFi Antenna





Antenna Passive Test



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Passive Test For WiFi Antenna(2.4G)

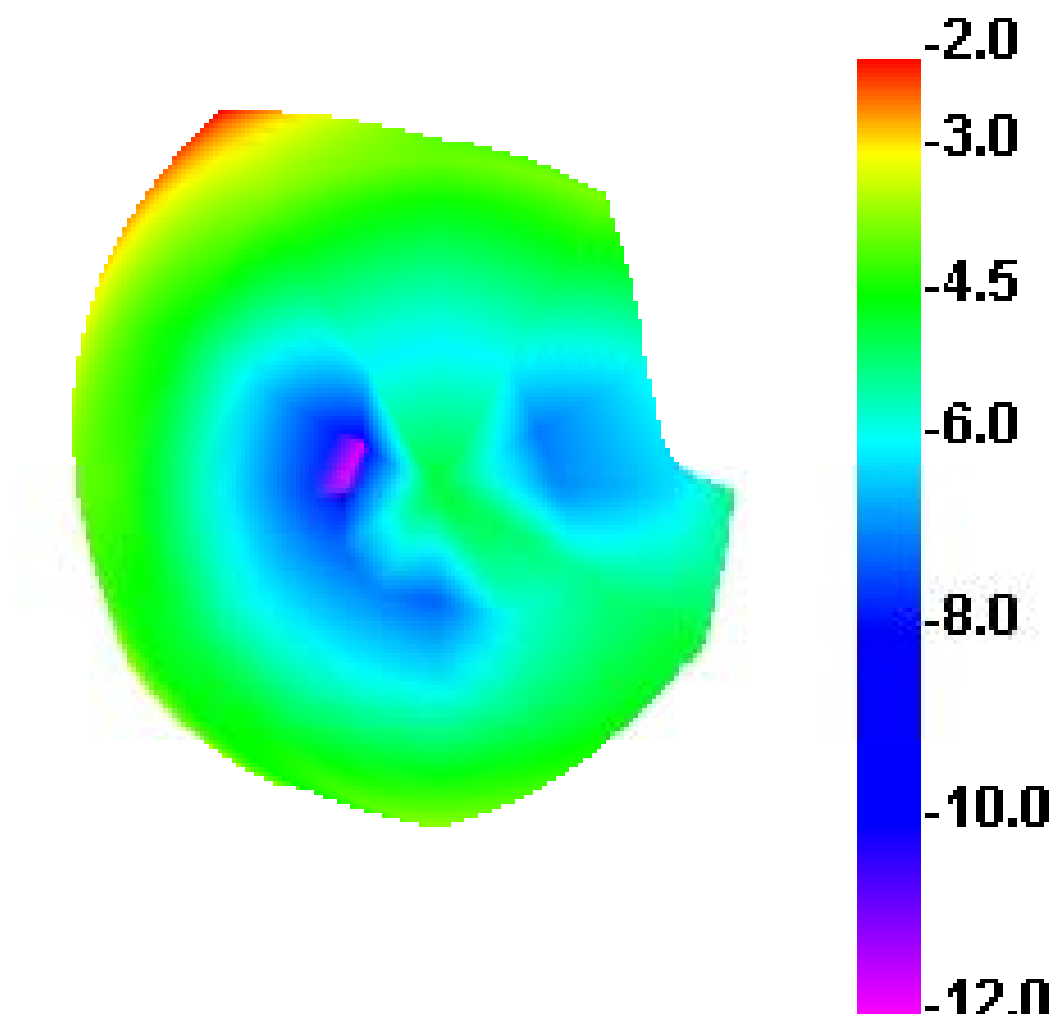
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	17.8	-7.5	-2.0
2410	18.0	-7.5	-1.7
2420	18.5	-7.3	-1.4
2430	18.3	-7.4	-1.2
2440	18.5	-7.3	-1.0
2450	19.5	-7.1	-0.6
2460	19.9	-7.0	-0.5
2470	20.9	-6.8	-0.3
2480	21.0	-6.8	-0.3
2490	21.3	-6.7	-0.4
2500	21.8	-6.6	-0.7

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Radiation Pattern For WiFi Antenna

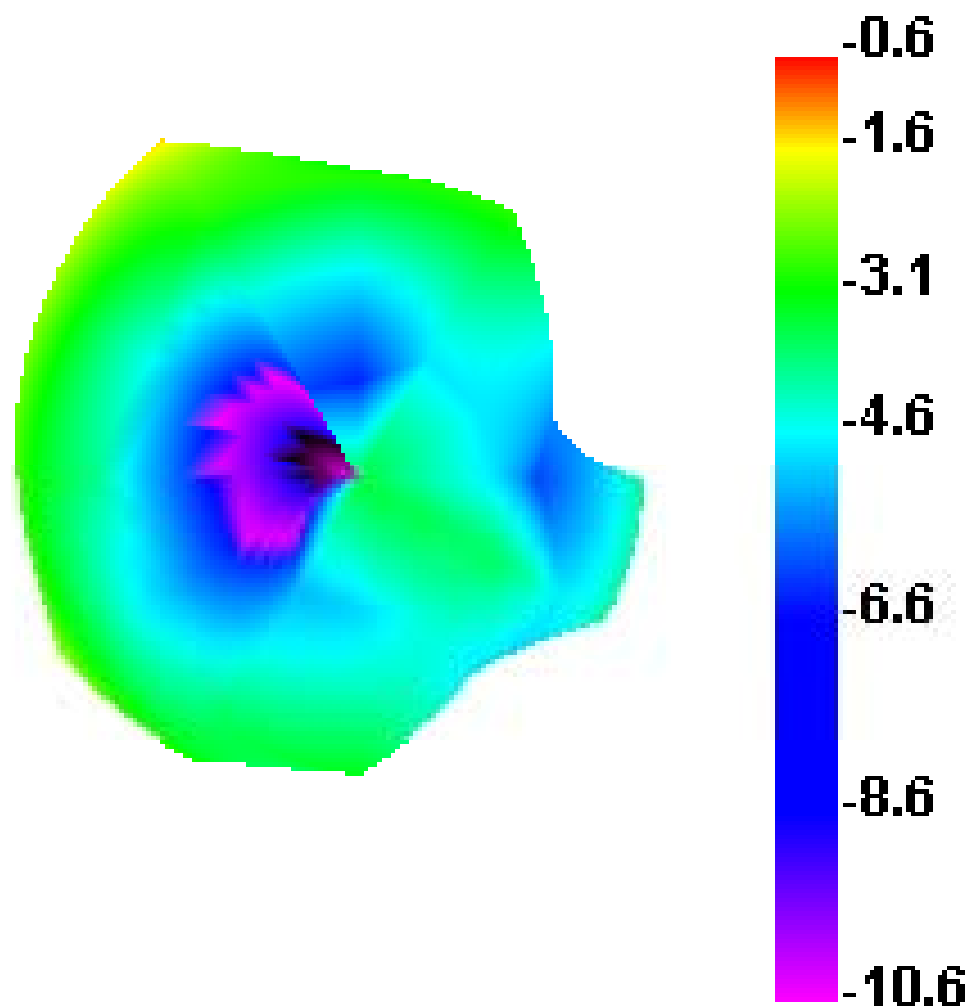
2400.000MHz





Radiation Pattern For WiFi Antenna

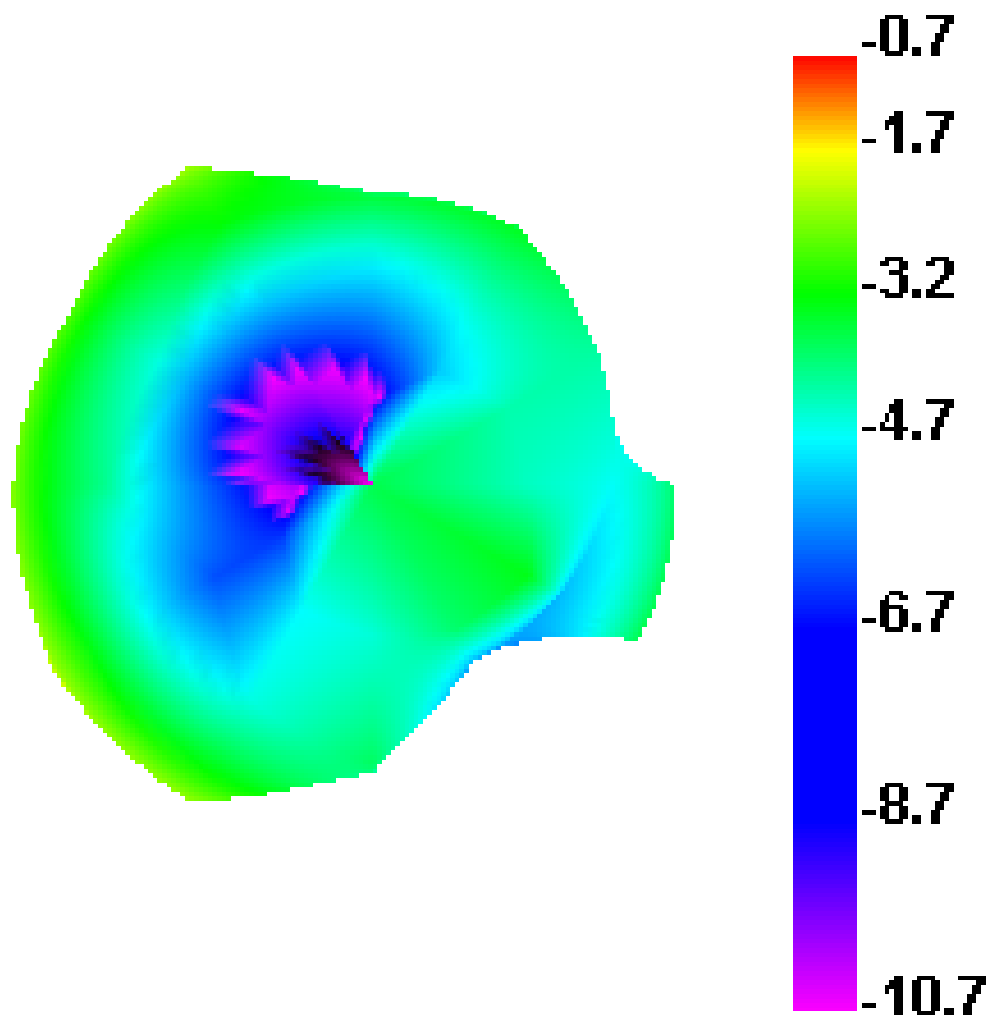
2450.000MHz





Radiation Pattern For WiFi Antenna

2500.000MHz





Device





Antenna WiFi





WiFi Antenna