



东莞市一佳电子通讯有限公司

Dongguan YiJia Electronics Communication Technology Co., Ltd.

Antenna Test Report

Model: YJ-BL002-WIFI-V01

- 1. Antenna Profile***
- 2. Antenna Passive Test***
- 3. Antenna WiFi Test***

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Approval : Chen Guoqiang

Date : 2023 / 08 / 21

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Tel: 0755-26462487



天线规格

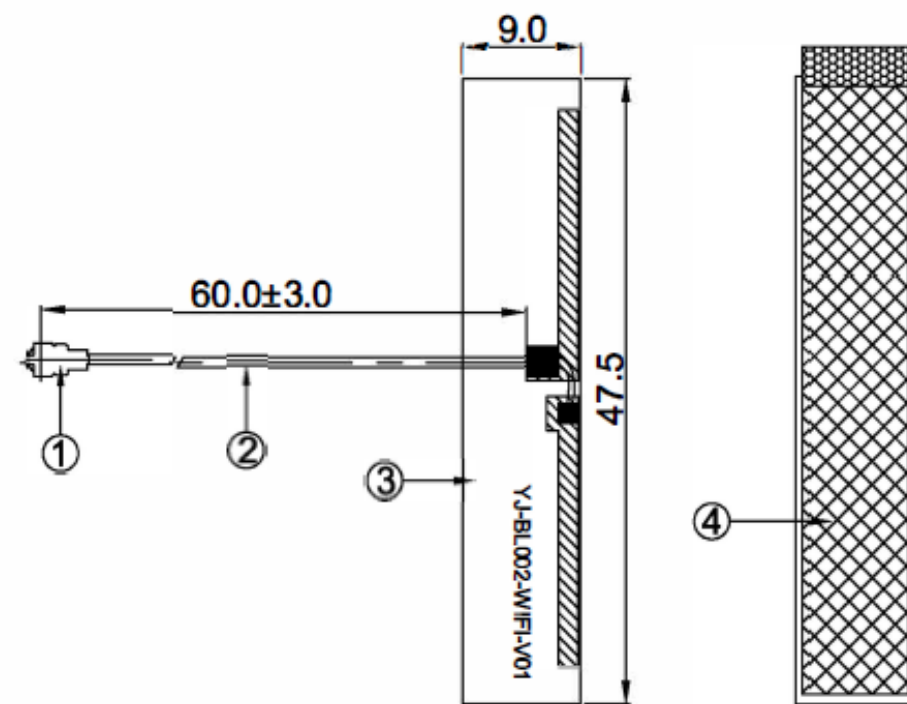
Antenna Specification

Electrical Properties

Frequency	2.4-2.5GHz
Impedance	50 Ohm Nominal
V.S.W.R	2.0 Max
Gain	3.6 dBi
Type	Internal antenna
Polarization	Linear

Physical Properties

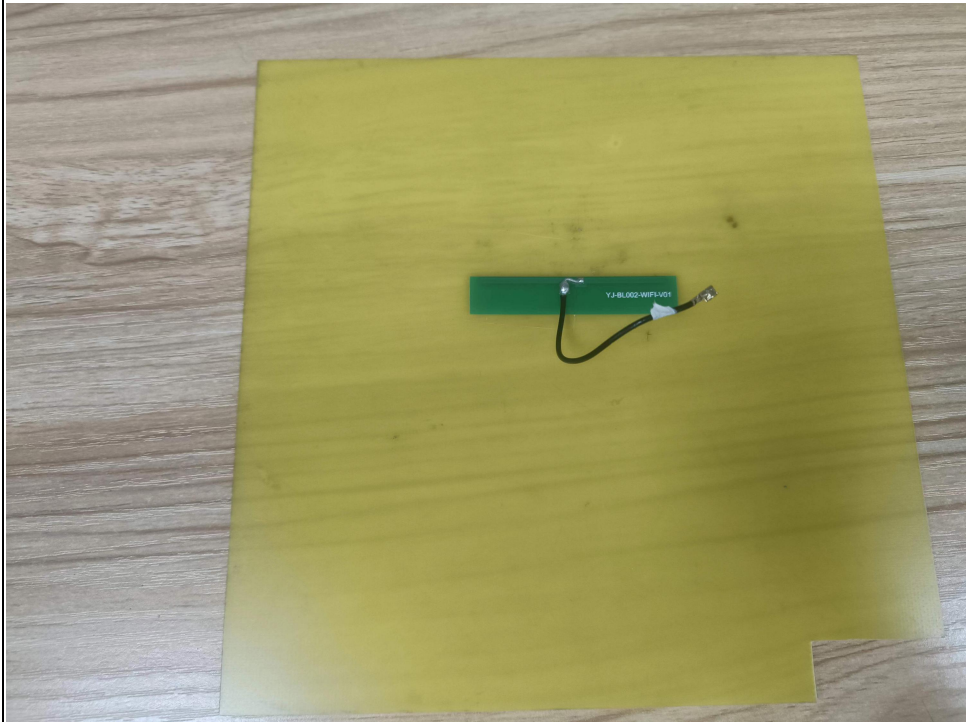
Connector	IPEX
Cable Type	O.D.1.13mm
Cable Length	60mm
Cable Color	Black
Operating Temp.	-40 ~ +85 °C
Storage Temp / Humidity	25±5°C / <70%





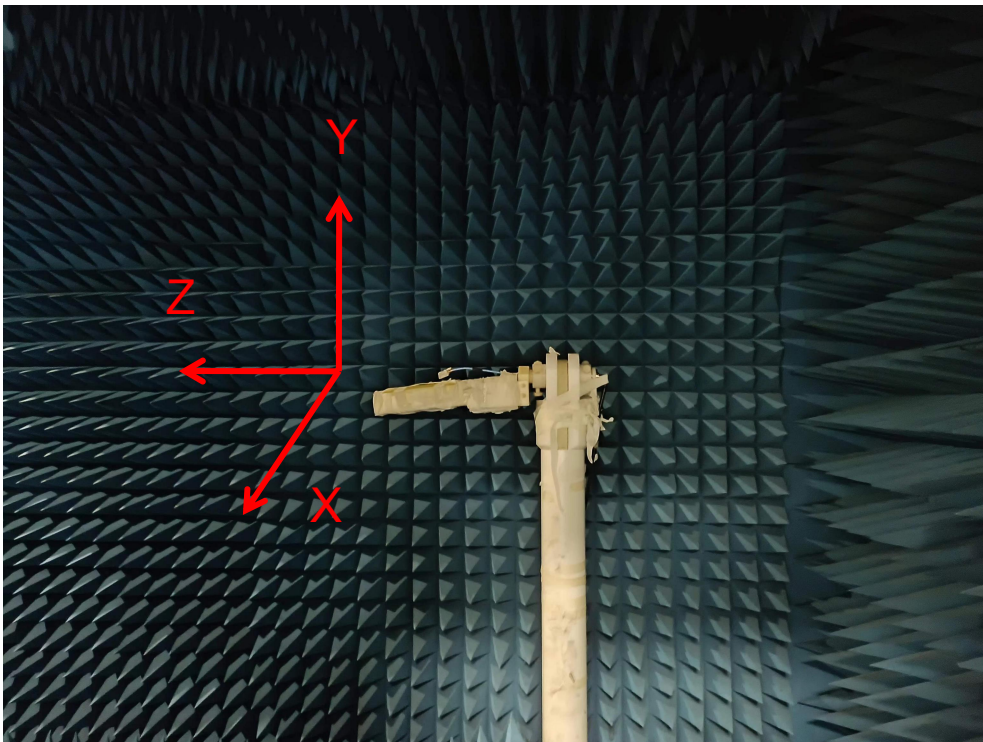
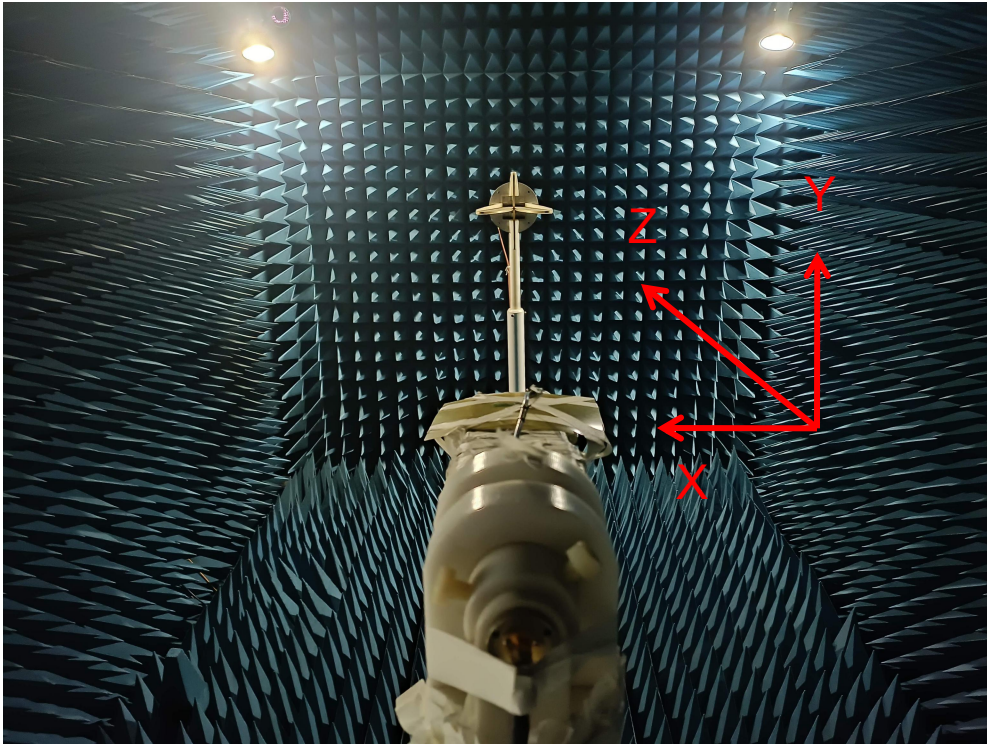
1. Antenna Profile

*WiFi
Antenna*





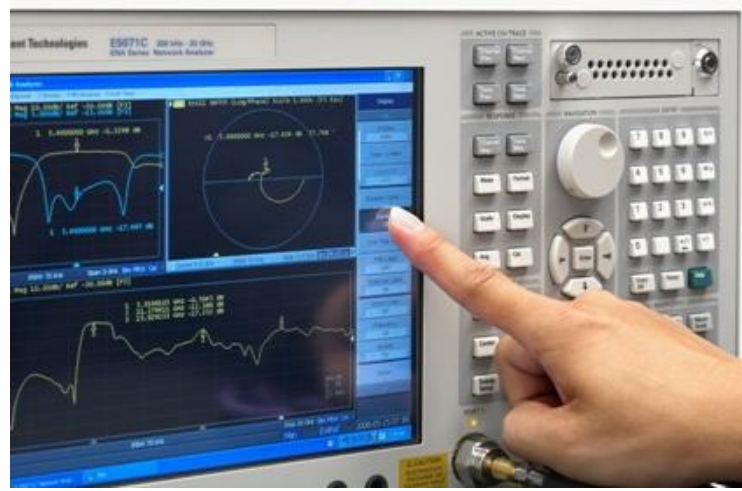
2. Antenna Passive Test



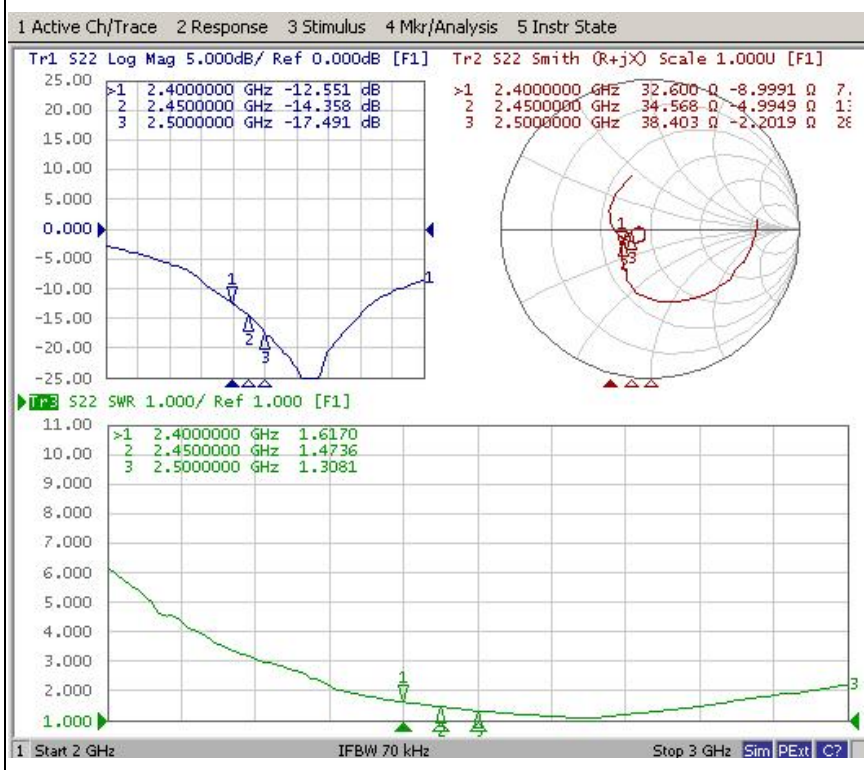


3. Antenna WiFi Test

*Agilent
E5071B*



*S
Parameter
Test //
WiFi
Antenna*





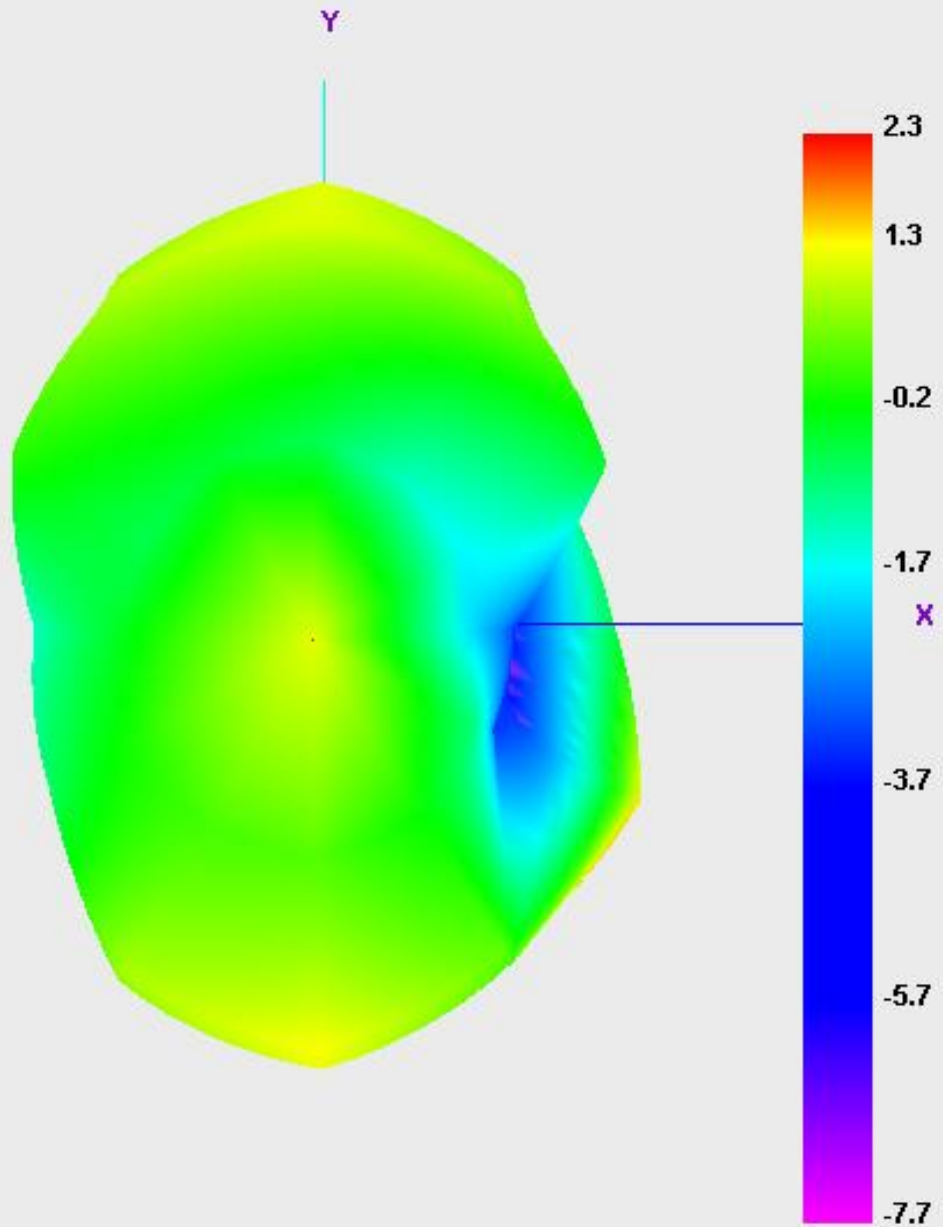
Passive Test For WiFi Antenna

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	55.2	-2.6	2.3
2410	56.2	-2.5	2.4
2420	57.7	-2.4	2.7
2430	57.5	-2.4	2.9
2440	57.7	-2.4	3.2
2450	61.2	-2.1	3.6
2460	69.7	-1.6	3.5
2470	70.5	-1.5	3.4
2480	79.1	-1.0	3.2
2490	79.2	-1.0	2.7
2500	79.7	-1.0	2.6



Radiation Pattern For WiFi Antenna

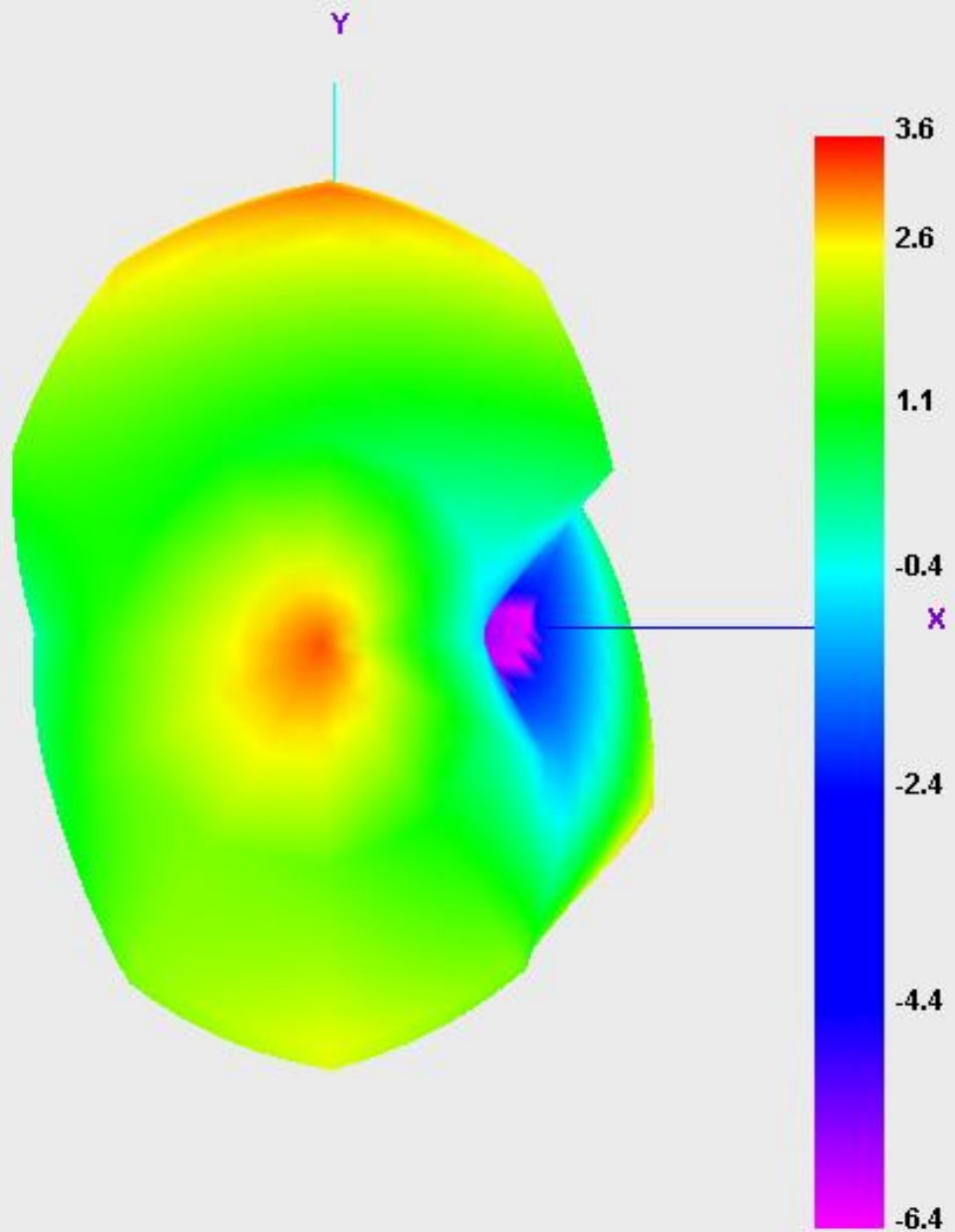
2400.000MHz





Radiation Pattern For WiFi Antenna

2450.000MHz





Radiation Pattern For WiFi Antenna

2500.000MHz

