



规格承认书

SPECIFICATION FOR APPROVAL

日期
Date 2026/03/16

编号
File No 26031601

版本
Revision 1.0

客 户
CUSTOMER:

Fanvil Link Technology Co.,LTD

客户料号
CUSTOMER NO:

LEADA100077A0

品 名
PART NAME:

WIFI Antenna

供方料号
SUPPLIER NO:

YJL01.106.090.301A

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

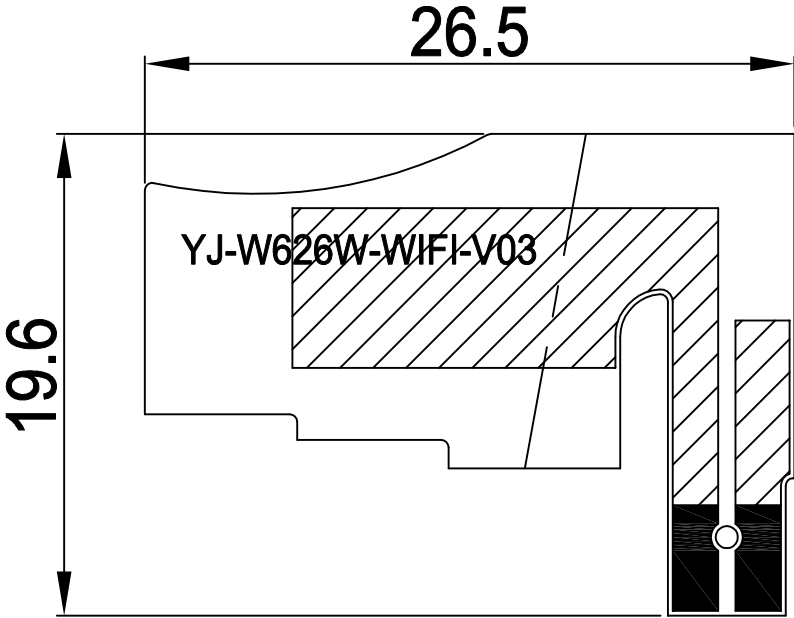
ChenGuoqiang

ZhangLiqun

LiaoGuangxi



Unit: mm





天线规格 Antenna Specification

Electrical Properties

Frequency	2.4-2.5GHz 5.15-5.85GHz
Impedance	50 Ohm Nominal
V.S.W.R	2.0 Max
Gain	4.3 dBi@2.4-2.5GHz 4.7 dBi@5.15-5.85GHz
Radiation	Omni-directional
Polarization	Linear

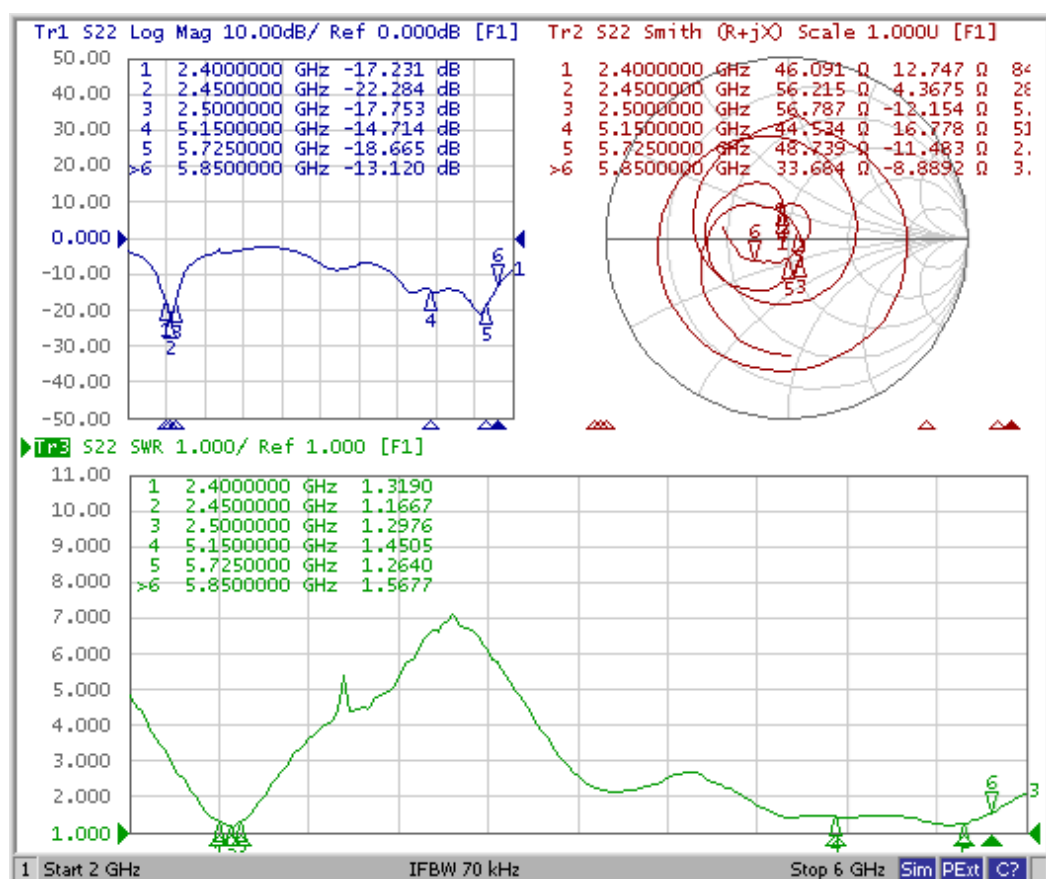
Physical Properties

Connector	None
Cable Type	None
Cable Length	None
Cable Color	None
Operating Temp.	-40 ~ +85 °C
Storage Temp / Humidity	25±5°C / <70%



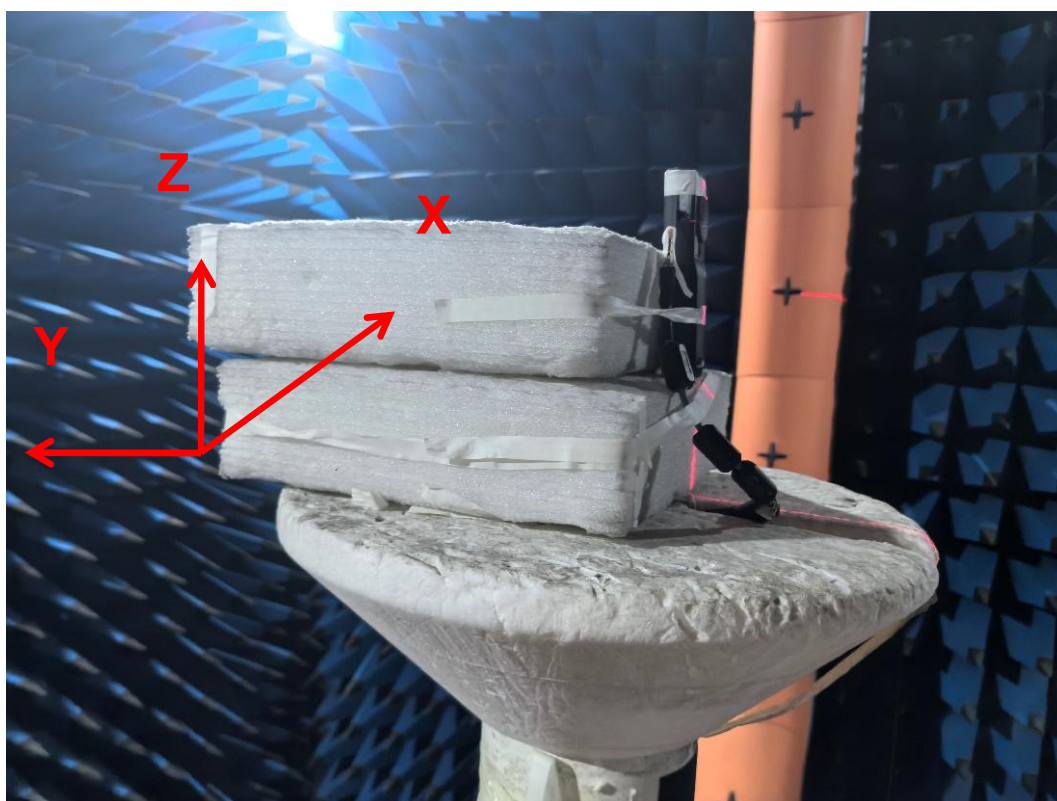
Antenna Performance Test

*Agilent
E5071B
S11
Parameter
Test //
WiFi
Antenna*





Antenna Passive Test





Passive Test For WiFi Antenna (2.4G)

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	59.3	-2.3	3.5
2410	60.4	-2.2	3.7
2420	61.8	-2.1	3.8
2430	63.2	-2.0	4.1
2440	63.0	-2.0	4.0
2450	65.6	-1.8	4.3
2460	63.0	-2.0	3.8
2470	64.0	-1.9	4.1
2480	60.4	-2.2	3.6
2490	60.5	-2.2	3.9
2500	60.2	-2.2	3.6



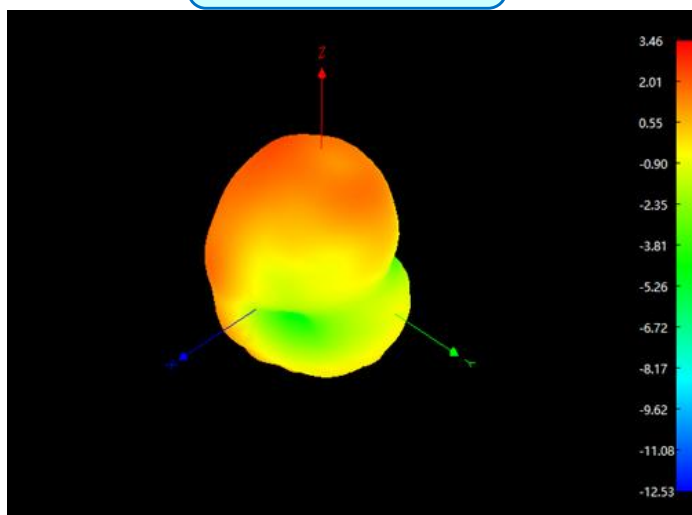
Passive Test For WiFi Antenna (5.8G)

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
5150	56.2	-2.5	4.6
5200	57.2	-2.4	4.7
5250	56.6	-2.5	4.4
5300	56.4	-2.6	3.9
5350	57.0	-2.6	4.5
5400	56.0	-2.6	4.1
5450	54.8	-2.8	3.9
5500	54.9	-2.7	3.8
5550	57.2	-2.6	4.2
5600	55.4	-2.7	3.6
5650	56.0	-2.8	3.2
5700	54.9	-2.7	2.9
5750	56.4	-2.6	3.2
5800	56.2	-2.6	3.6
5850	56.6	-2.6	3.5

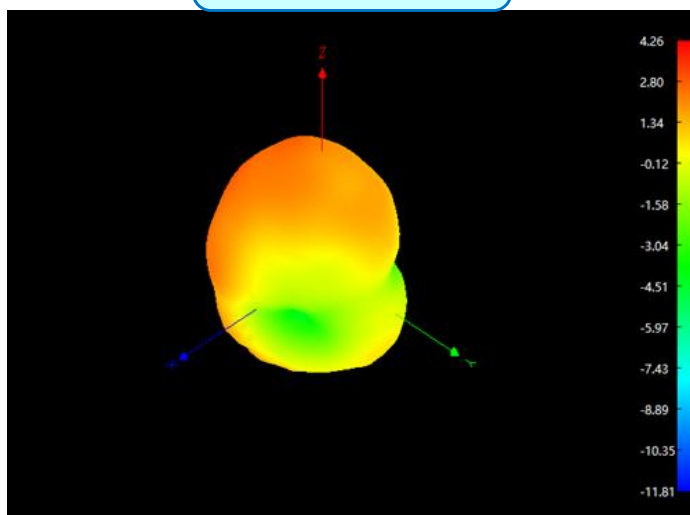


Radiation Pattern For WIFI Antenna (2.4G)

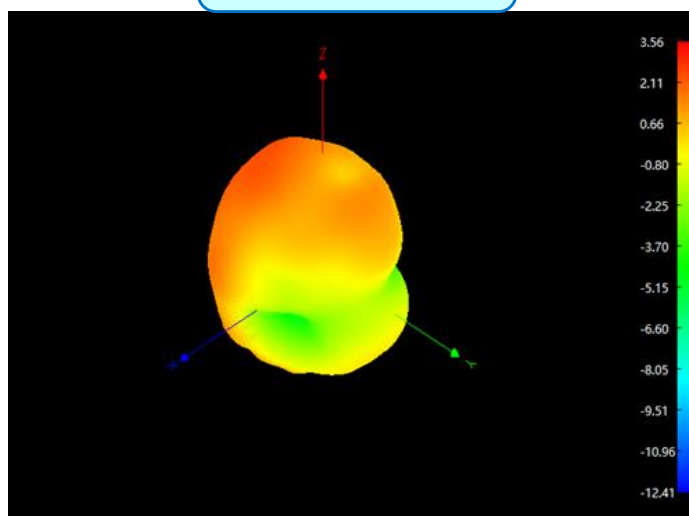
2400MHz



2450MHz



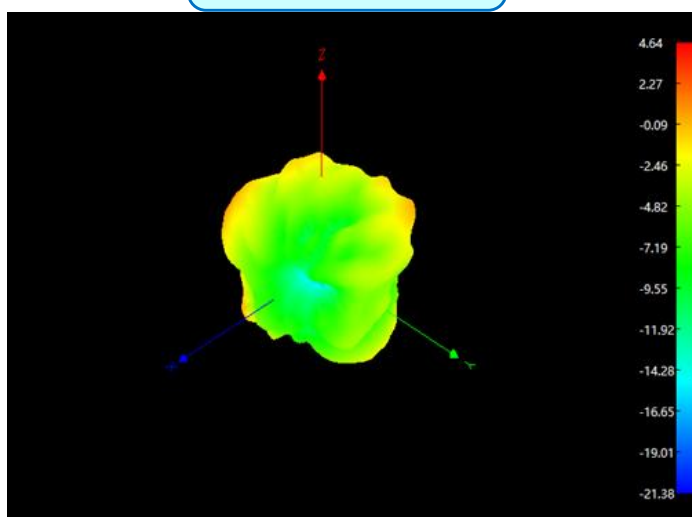
2500MHz



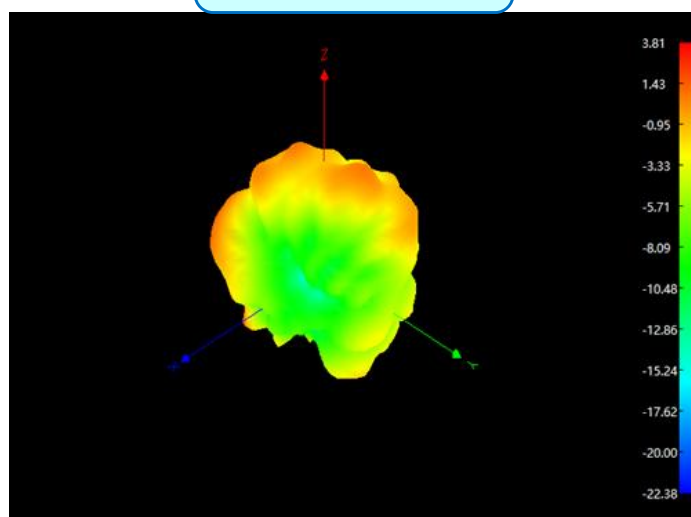


Radiation Pattern For WIFI Antenna (5.8G)

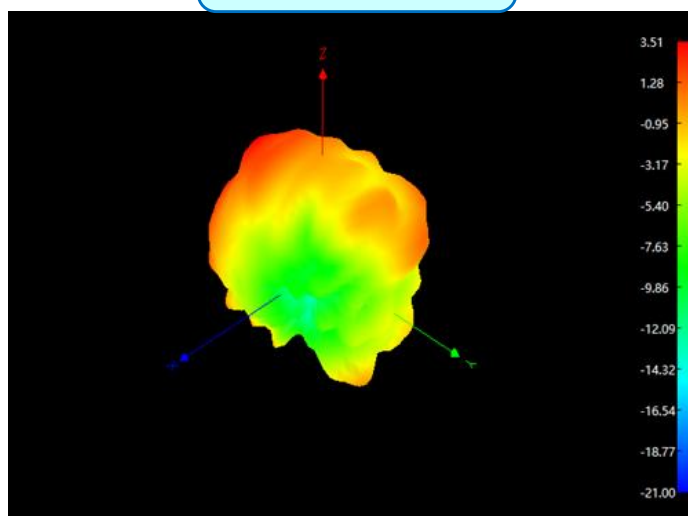
5150MHz



5500MHz

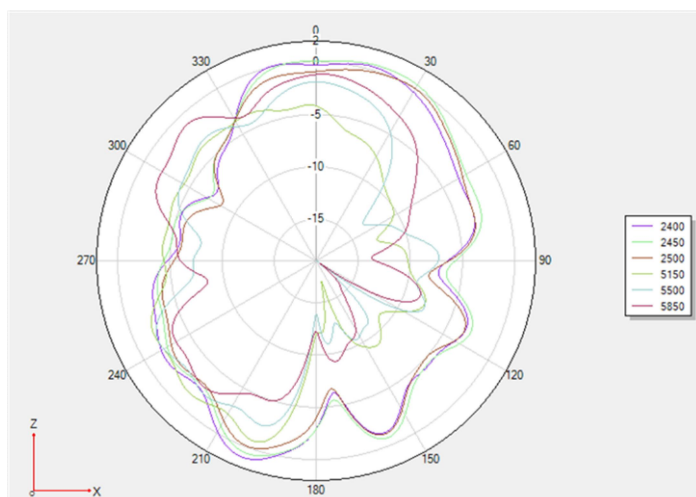


5850MHz

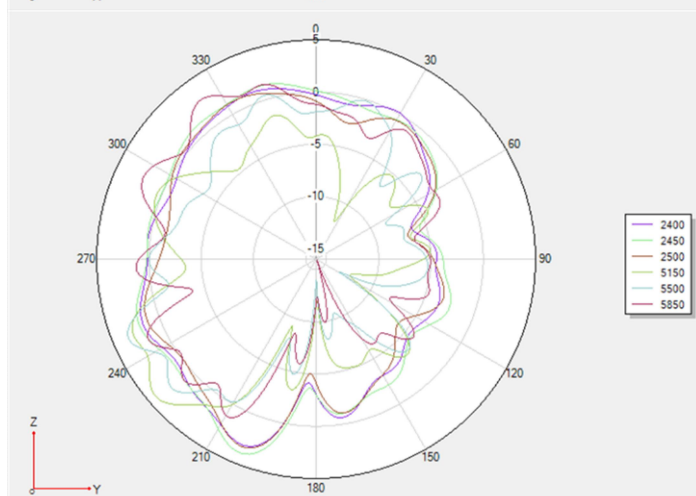




Phi 0°



Phi 90°



Theta 90°

