

# Antenna SPECIFICATION

Shenzhen Yishengbang Technology Co., Ltd

Customer: YI LAI DUN

Project: FA158AT

Product: WIFI

Report date: 2025-2-13

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# ***Purpose***

This report is to measure the performance of SLK for Master Antenna on YI LAI DUN. All measure data are showed below.

## ***Content***

1. Product Overview

2. Test Result

2.1 WIFI Antenna VSWR

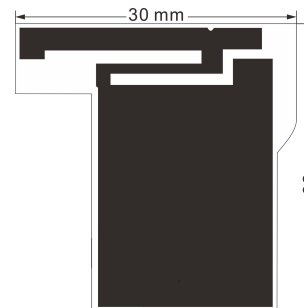
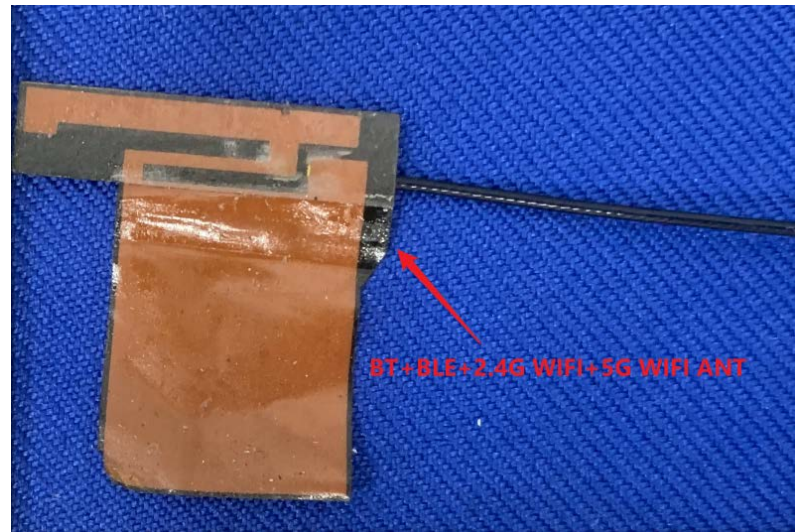
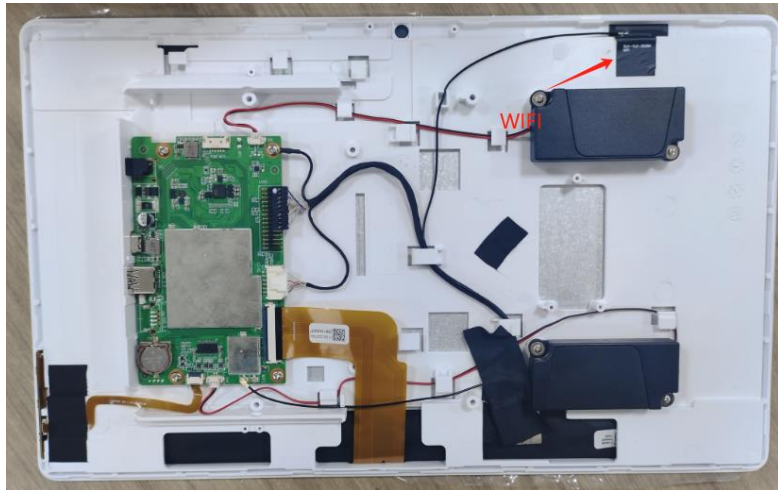
2.2 WIFI Antenna TRP/TIS

2.3 WIFI Antenna Gain/Efficiency/3D DATA

3. Conclusions

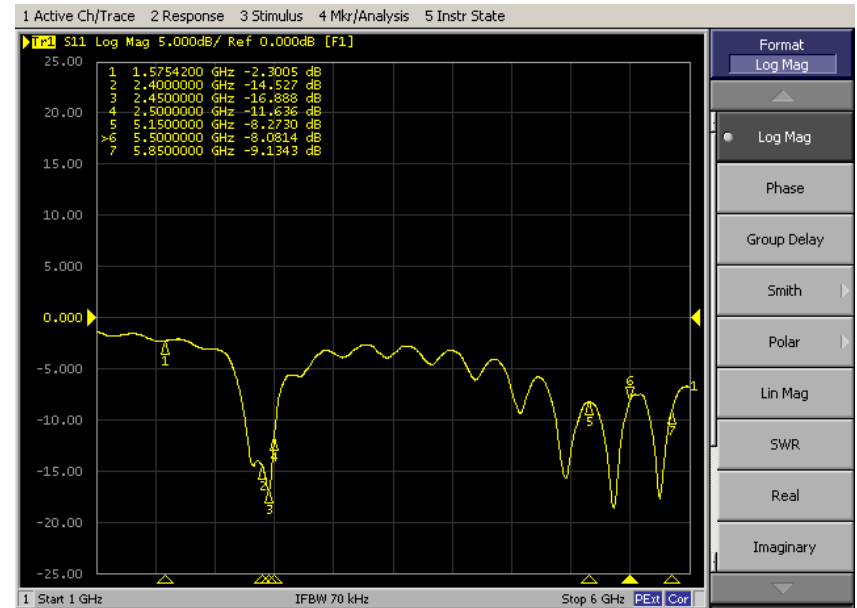
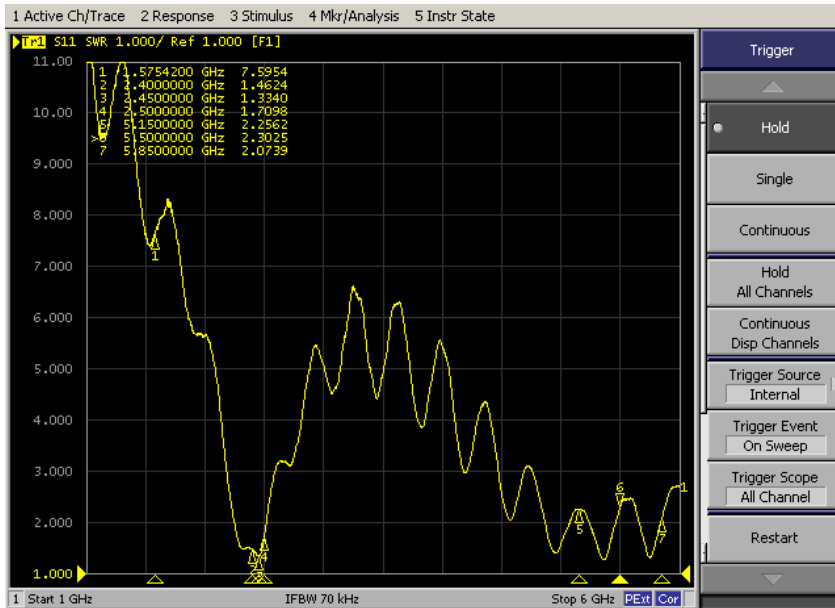
Manufacturer: Shenzhen Yi Sheng Bang technology Co., LTD  
Adress: 2nd Floor, No. 5, Yinyuan Street, Jiaoyitang, Tangxia Town, Dongguan City

# 1. Product Overview



# 2. Test Result

## 2.1 WIFI 1 Antenna VSWR



## 2. Test Result

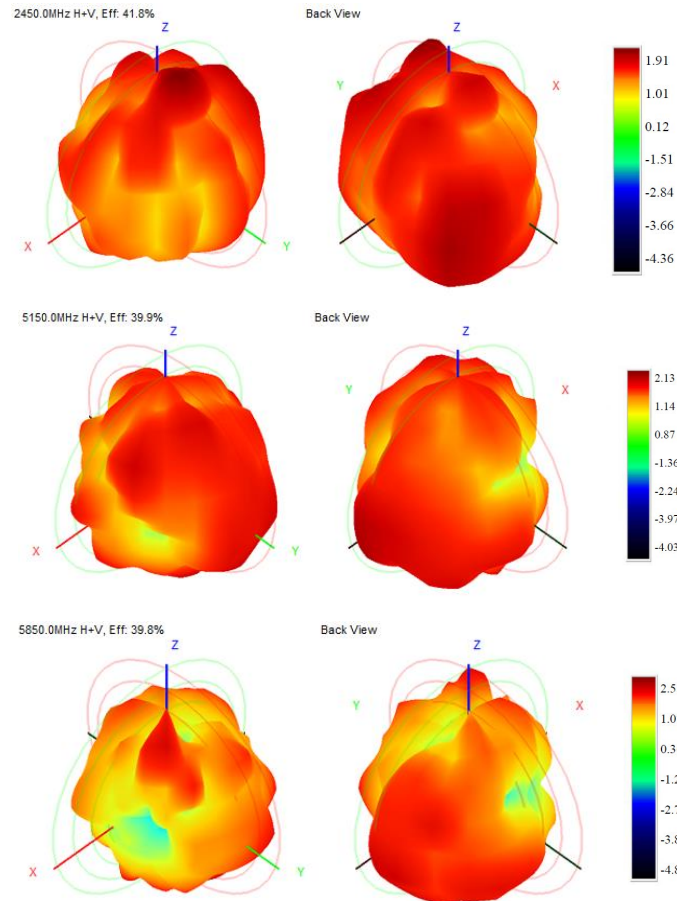
### 2.2 WIFI Antenna TRP/TIS

WIFI有源测试			
频段	1	6	11
B-TRP-11Mbps	13.56	12.59	11.4
B-TIS-11Mbps	-79.14	-80.15	-80.32
G-TRP-54Mbps	13.7	13.56	12.73
G-TIS-54Mbps	-66.67	-66.9	-66.51
N-TRP-MCS7	13.68	13.55	12.69
N-TIS-MCS7	-64.7	-64.59	-64.55
频段	36	149	165
A-TRP-54Mbps	10.96	13.96	14.28
A-TIS-54Mbps	-69.98	-70.69	-70.12

# 2. Test Result

## 2.3 WIFI 1 Antenna Gain/Efficiency/3D DATA

Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
2400	-3.80	1.22	41.60
2410	-3.60	1.46	43.65
2420	-3.62	1.85	43.36
2430	-3.74	1.25	42.18
2440	-3.74	1.59	42.24
2450	-3.78	1.91	41.83
2460	-3.87	1.81	41.01
2470	-3.74	1.56	42.17
2480	-3.82	1.24	41.42
2490	-3.81	1.80	41.51
2500	-3.81	1.57	41.54
5150	-3.99	2.13	39.87
5350	-4.11	2.60	38.75
5550	-3.96	2.15	40.18
5850	-4.00	2.51	39.82



# 3. Conclusions

谢谢！