

# 深圳市亿圣邦科技有限公司

## Shenzhen Yishengbang Technology Co., Ltd Antenna Test Report

Customer: 亿莱顿

Project: SW3295-4K(R136主板)

Product: WIFI Antenna

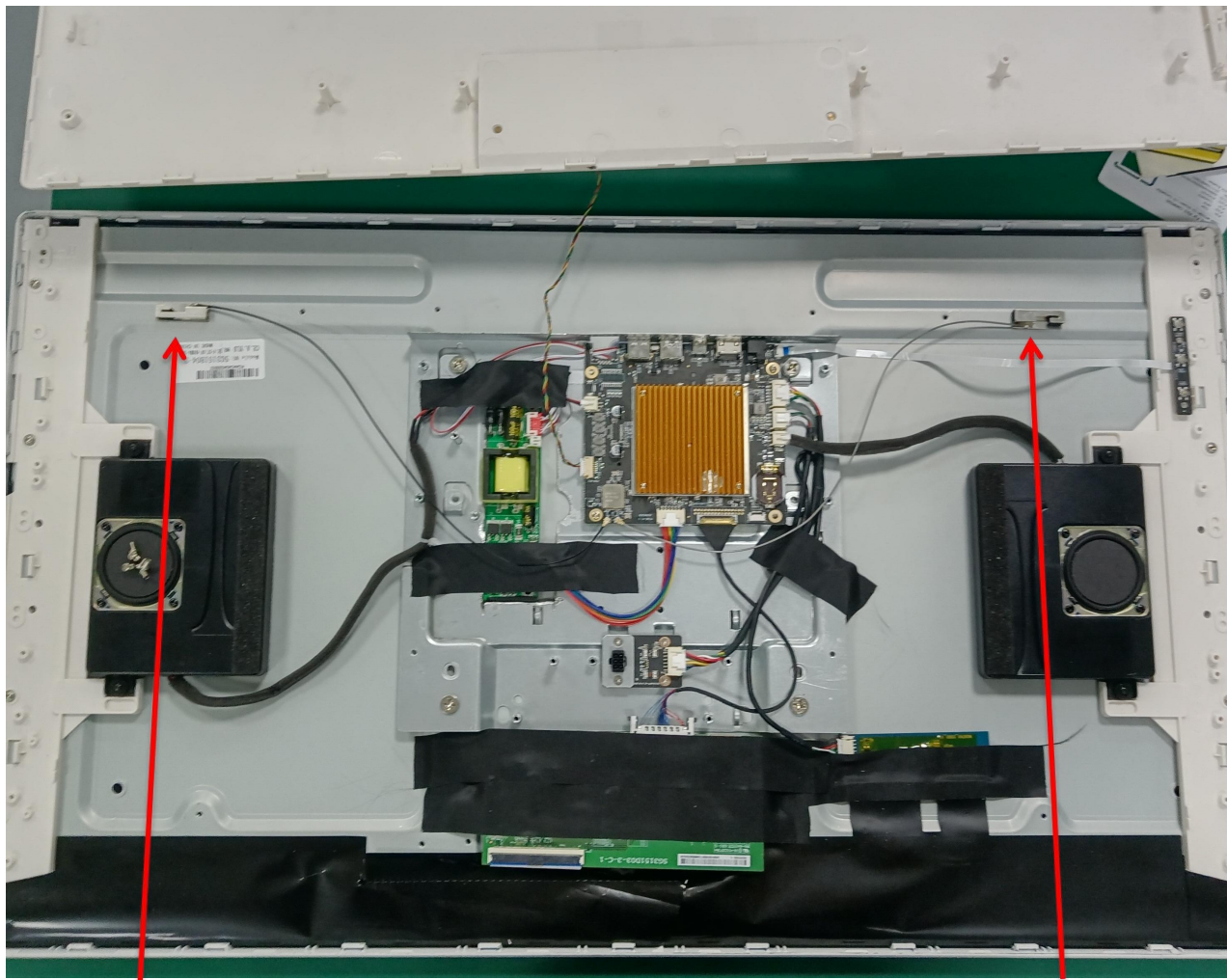
Report date: 2024.5.10

Prepared by : 罗涛

Checked by : 黄震

Approved by : 林美财

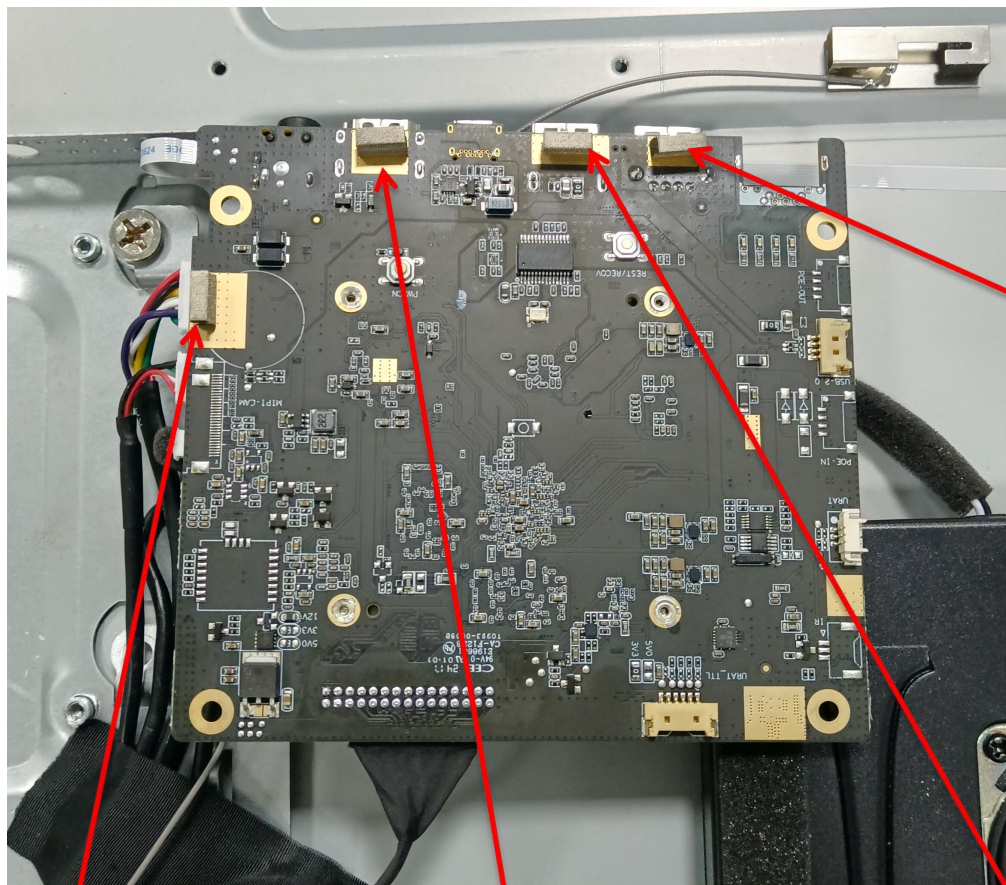
# 1. Product Overview



WIFI 2天线

WIFI 1天线

# 1. Product Overview



1号位置贴接地  
海绵与框接地

2号位置贴接地  
海绵与框接地

3号位置贴接地  
海绵与框接地

4号位置贴接地  
海绵与框接地

# 2. Test Result

## 2.1.1 WIFI2 Antenna VSWR/S11

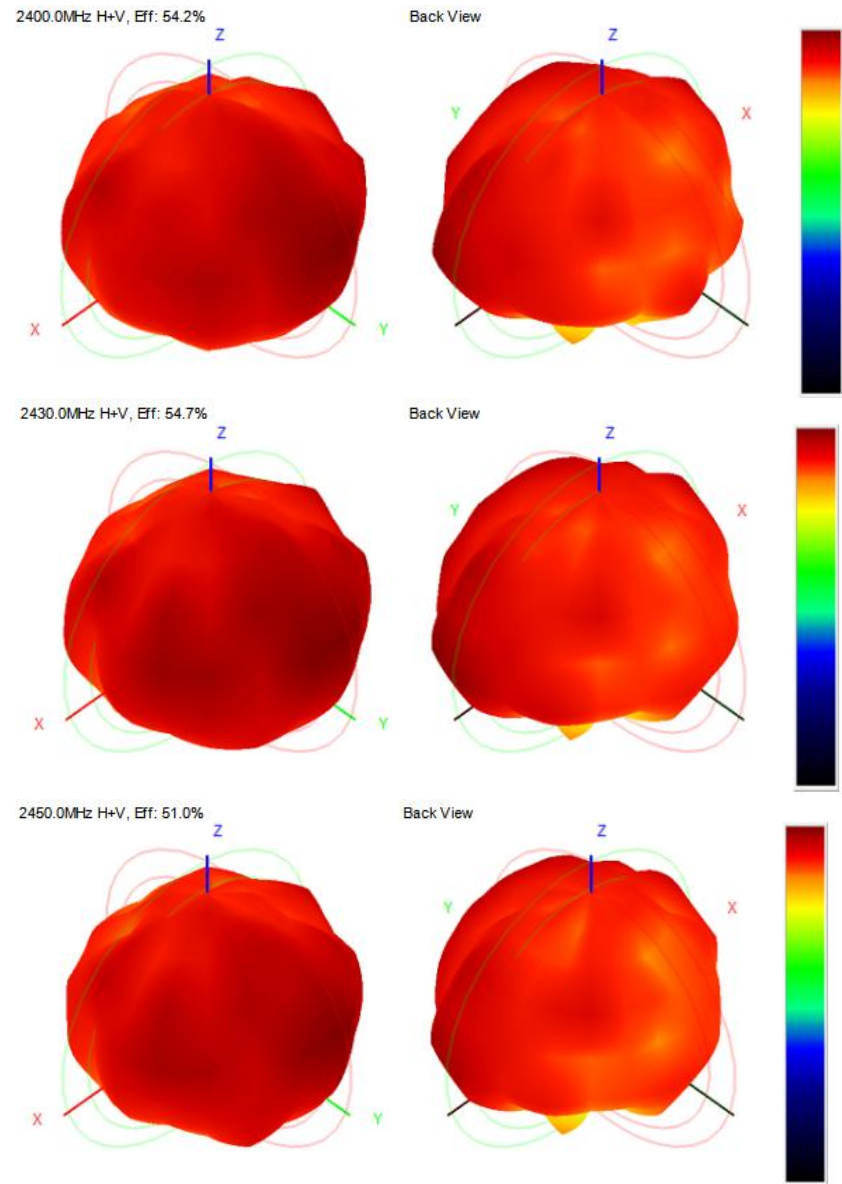




# 2. Test Result

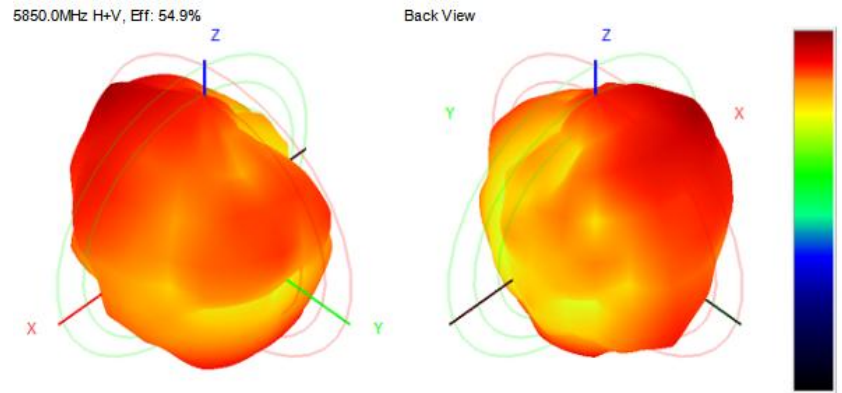
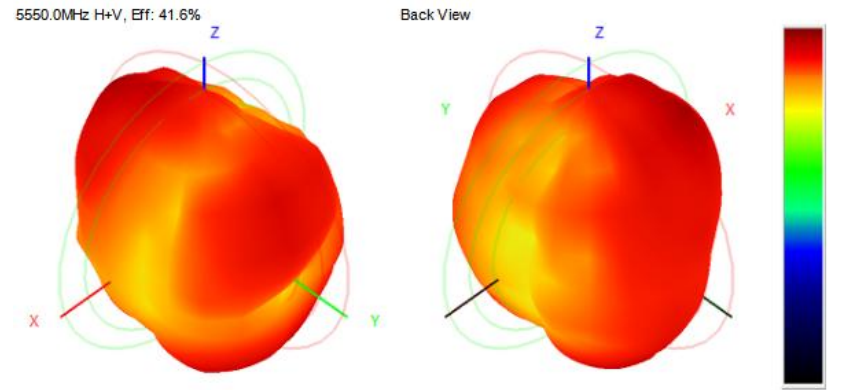
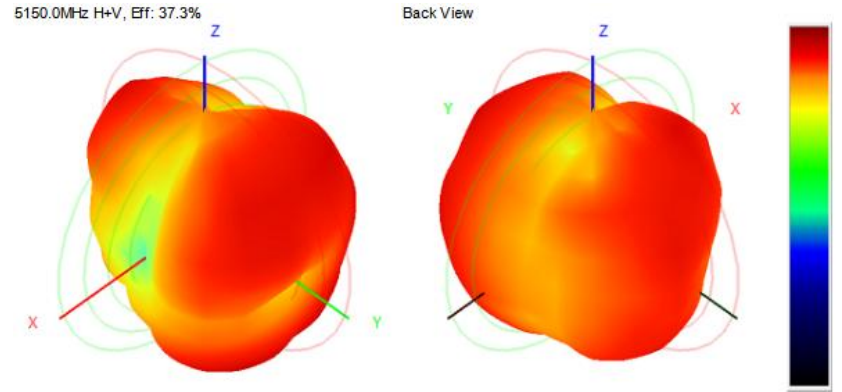
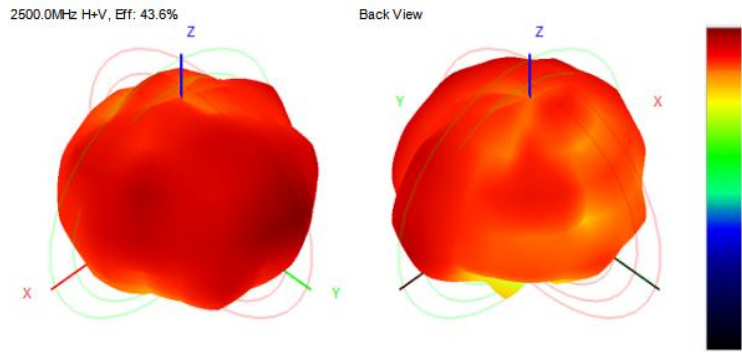
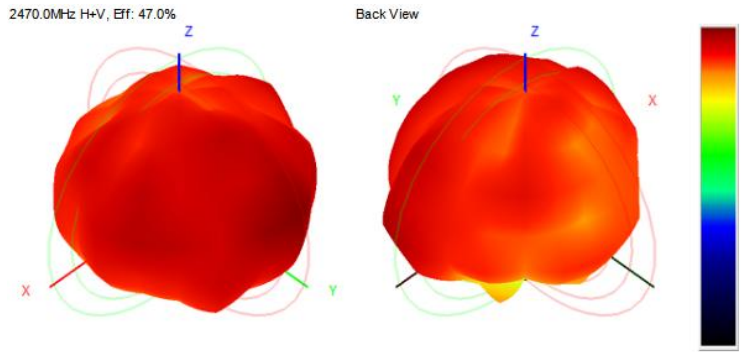
## 2.1.2 无源数据

Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
2400.0	-2.66	0.87	54.19
2410.0	-2.70	0.62	53.73
2420.0	-2.37	0.90	58.00
2430.0	-2.62	1.43	54.75
2440.0	-2.71	1.56	53.56
2450.0	-2.92	1.63	51.00
2460.0	-2.69	0.96	53.86
2470.0	-3.28	1.68	46.97
2480.0	-3.65	1.58	43.11
2490.0	-3.60	1.64	43.65
2500.0	-3.60	1.83	43.62
5150.0	-4.29	1.97	37.28
5250.0	-4.09	2.09	39.02
5550.0	-3.81	2.25	41.60
5750.0	-3.04	1.88	49.62
5850.0	-2.61	1.99	54.88



# 2. Test Result

## 2.1.2 无源数据



## 2. Test Result

### 2.1.3WIFI Antenna 有源导数据

B-11Mbps		
	TRP	TIS
1	15.43	-79.7
6	15.45	-77.81
11	15.86	-78.53

G-54Mbps		
	TRP	TIS
1	15.62	-69.63
6	15.27	-70.1
11	15.48	-69.24

N-MCS7		
	TRP	TIS
1	15.32	-68.75
6	15.32	-70.8
11	15.61	-66.35

A-54Mbps		
	TRP	TIS
36	13.82	-71.34
149	13.93	-71.35
165	14.4	-71.06

# 3. Conclusions

谢谢!