

# 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: WF2488T (WIFI:SLK-YLD-3028A-L-400I-B)

Product: WIFI Antenna

Report date: 2024.11.1

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Checked by : 黄震

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# ***Purpose***

This report is to measure the performance of SLK for Master Antenna on亿莱顿. All measure data are showed below.

## ***Content***

1. Product Overview

2. Test Result

2.1 WIFI MAIN Antenna VSWR

2.2 WIFI MAIN Antenna Gain/Efficiency/3D DATA

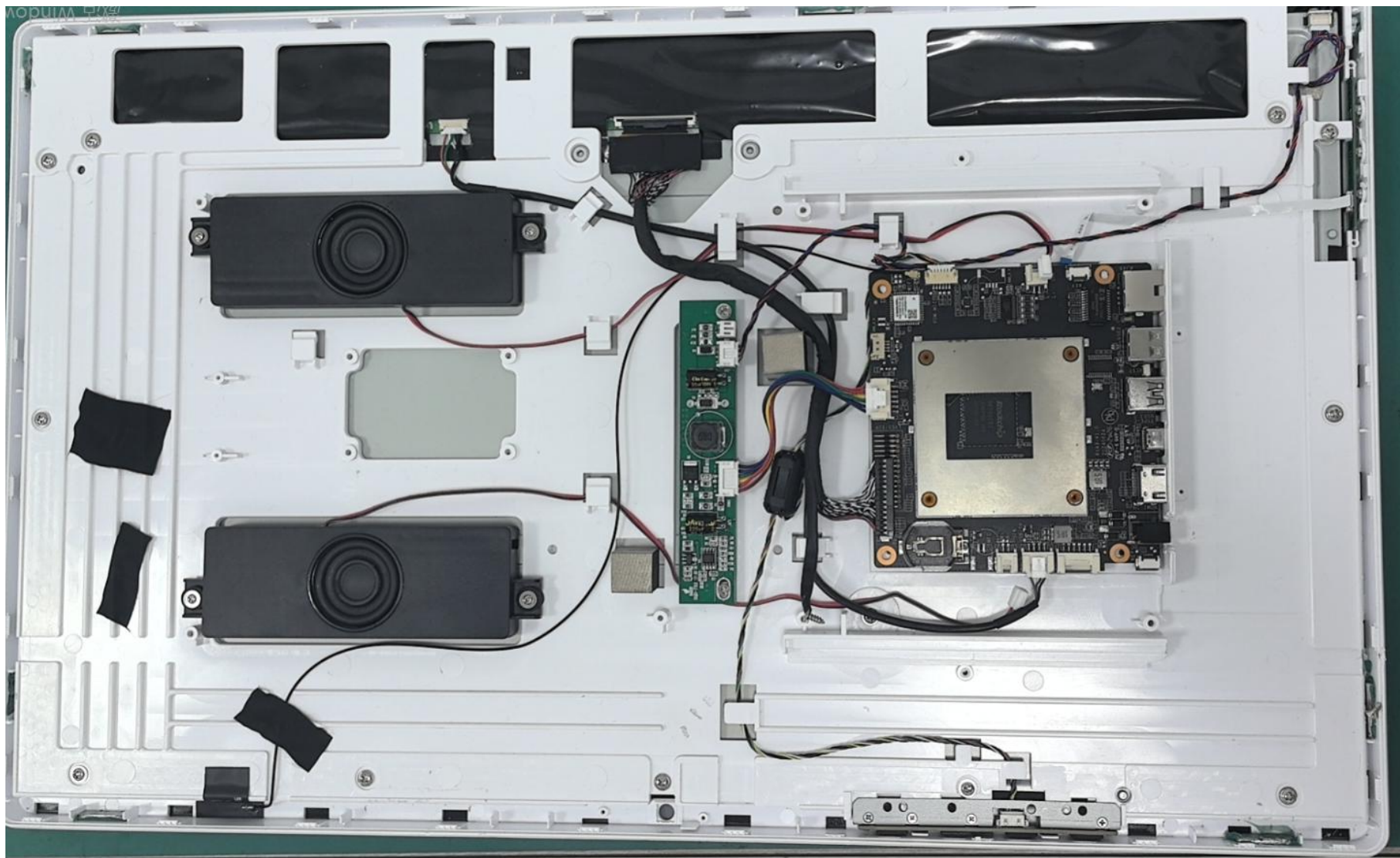
2.3 WIFI AUX Antenna VSWR

2.4 WIFI AUX Antenna Gain/Efficiency/3D DATA

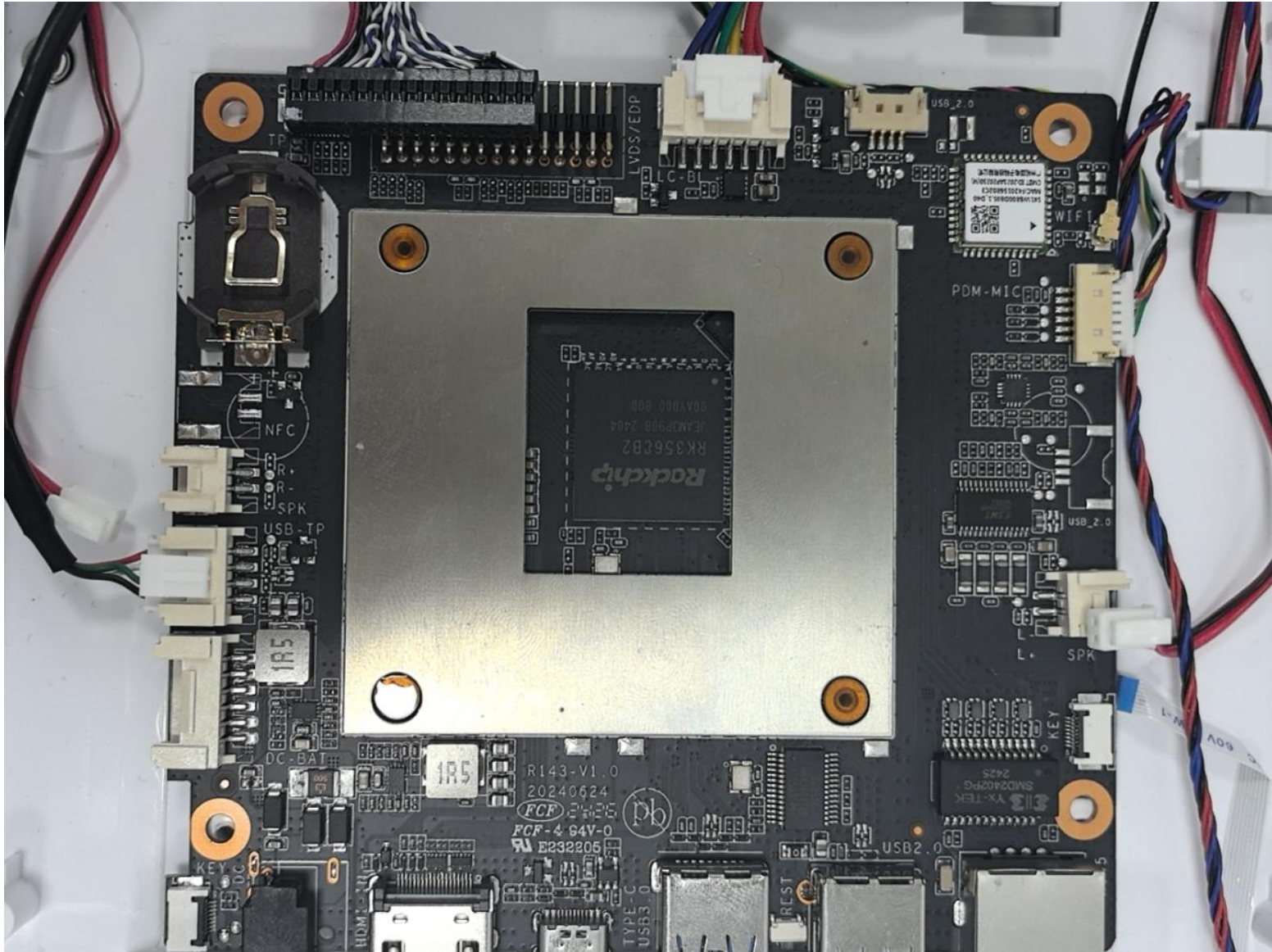
2.5 WIFI active tes

3. Conclusions

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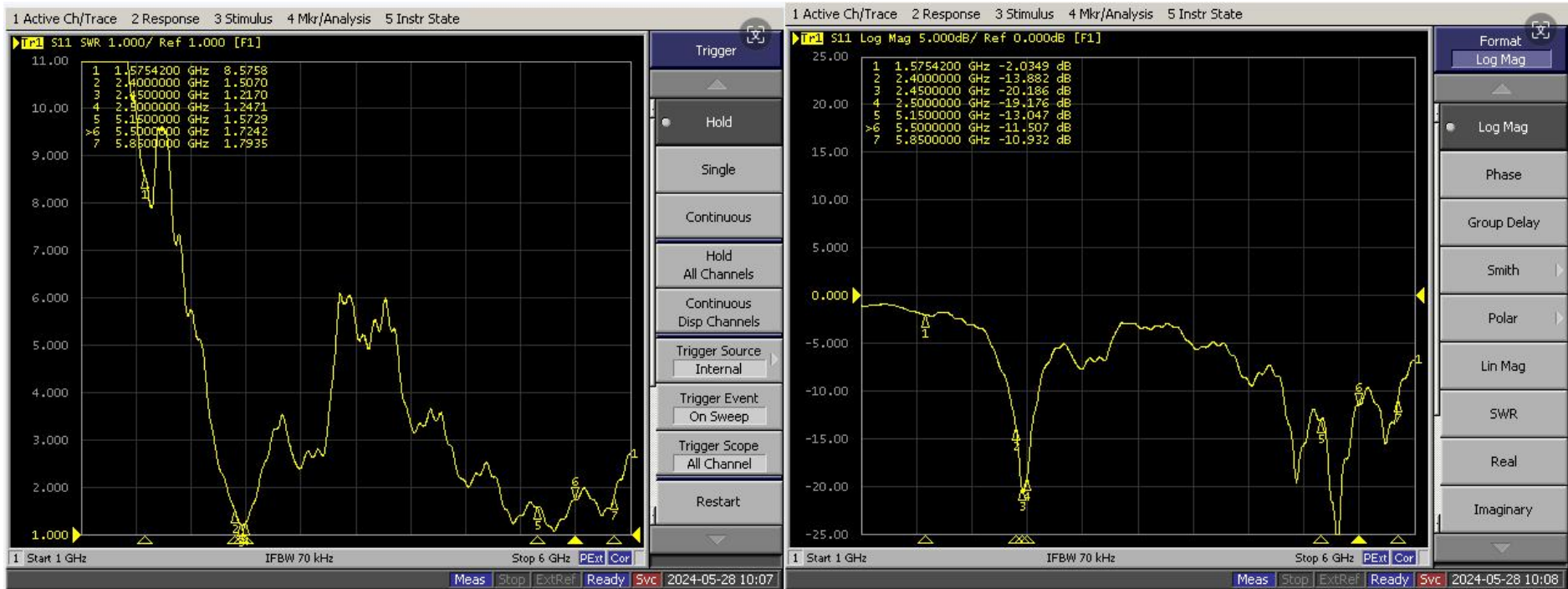
2.4 WIFI AUX Antenna Gain/Efficiency/3D DATA

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# 2. Test Result

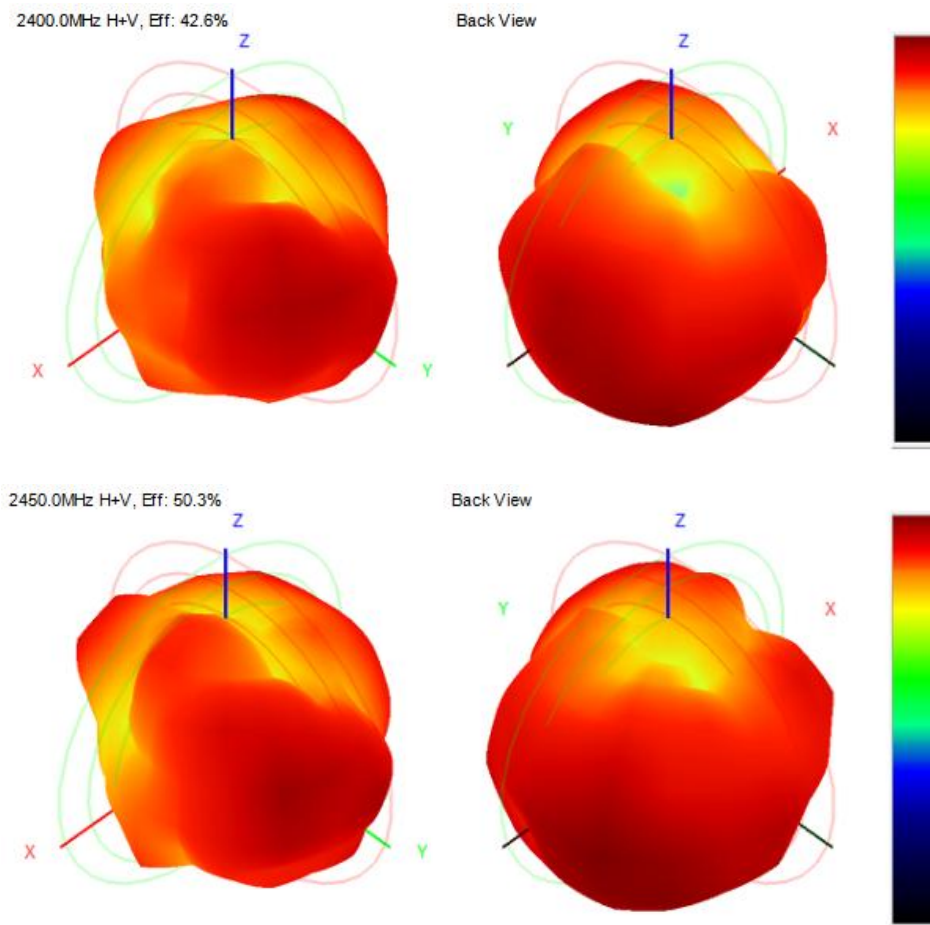
## 2.1 WIFI MAIN Antenna VSWR/S11



# 2. Test Result

## 2.2 WIFI MAIN Antenna Gain/Efficiency/3D DATA

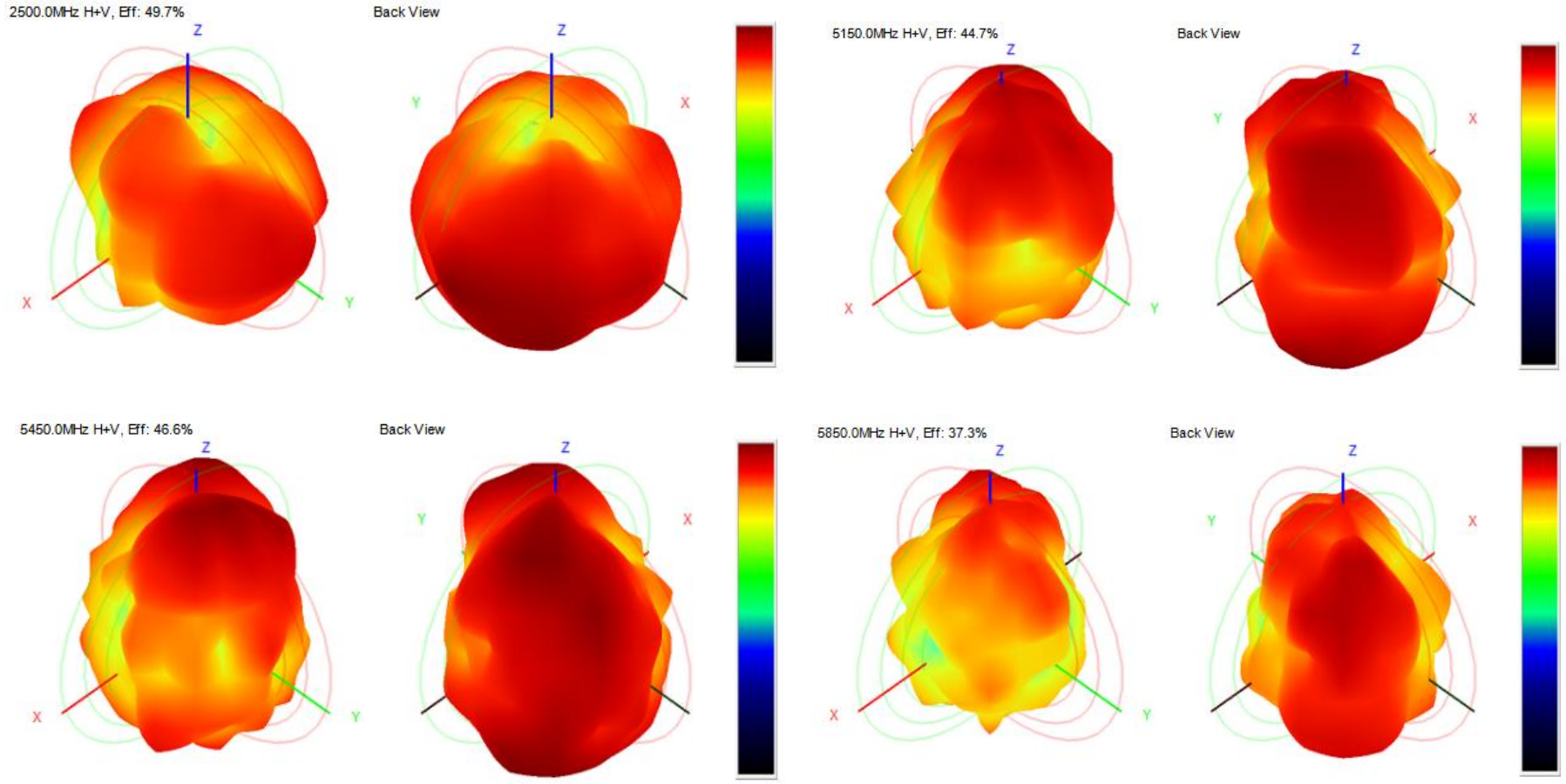
Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
2400	-3.70	1.43	42.63
2410	-3.47	1.65	45.01
2420	-2.85	1.45	51.87
2430	-2.95	2.09	50.72
2440	-2.85	2.15	51.85
2450	-2.98	1.83	50.31
2460	-2.74	1.18	53.17
2470	-3.12	1.24	48.72
2480	-3.17	1.45	48.20
2490	-2.92	1.86	51.03
2500	-3.03	1.78	49.75
5150	-3.50	2.97	44.66
5250	-3.63	2.99	43.36
5350	-3.48	2.75	44.85
5450	-3.31	2.68	46.61
5550	-3.94	2.51	40.37
5650	-3.71	2.56	42.53
5750	-3.84	2.96	41.30
5850	-4.28	2.13	37.30





# 2. Test Result

## 2.2 WIFI MAIN Antenna Gain/Efficiency/3D DATA



## 2. Test Result

### 2.3 WIFI active test

WIFI有源测试			
频段	1	6	11
B-TRP-11Mbps	12.36	13.63	13.56
B-TIS-11Mbps	-81.23	-80.63	-80.43
G-TRP-54Mbps	12.99	12.69	12.21
G-TIS-54Mbps	-70.90	-70.54	-70.78
N-TRP-MCS7	11.65	11.99	11.62
N-TIS-MCS7	-66.03	-66.51	-65.19
频段	36	149	165
A-TRP-54Mbps	11.89	11.76	11.83
A-TIS-54Mbps	-72.05	-72.63	-70.88

# 3. Conclusions

谢谢!