

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: WF3288T (WIFI:SLK-YLD-4024A-L-500I-G)

Product: WIFI Antenna

Report date: 2024.11.1

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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

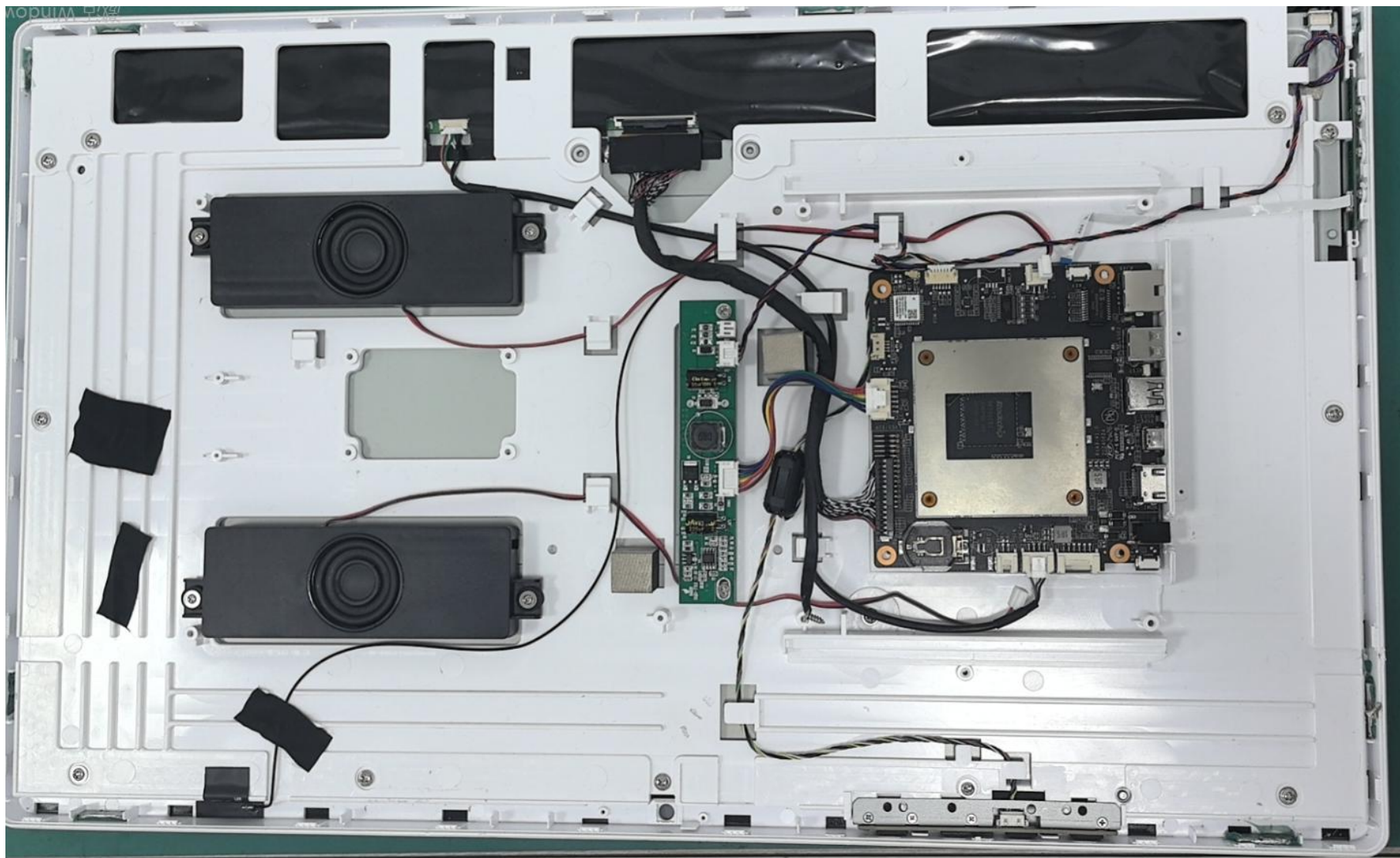
2.3 WIFI AUX Antenna VSWR

2.4 WIFI AUX Antenna Gain/Efficiency/3D DATA

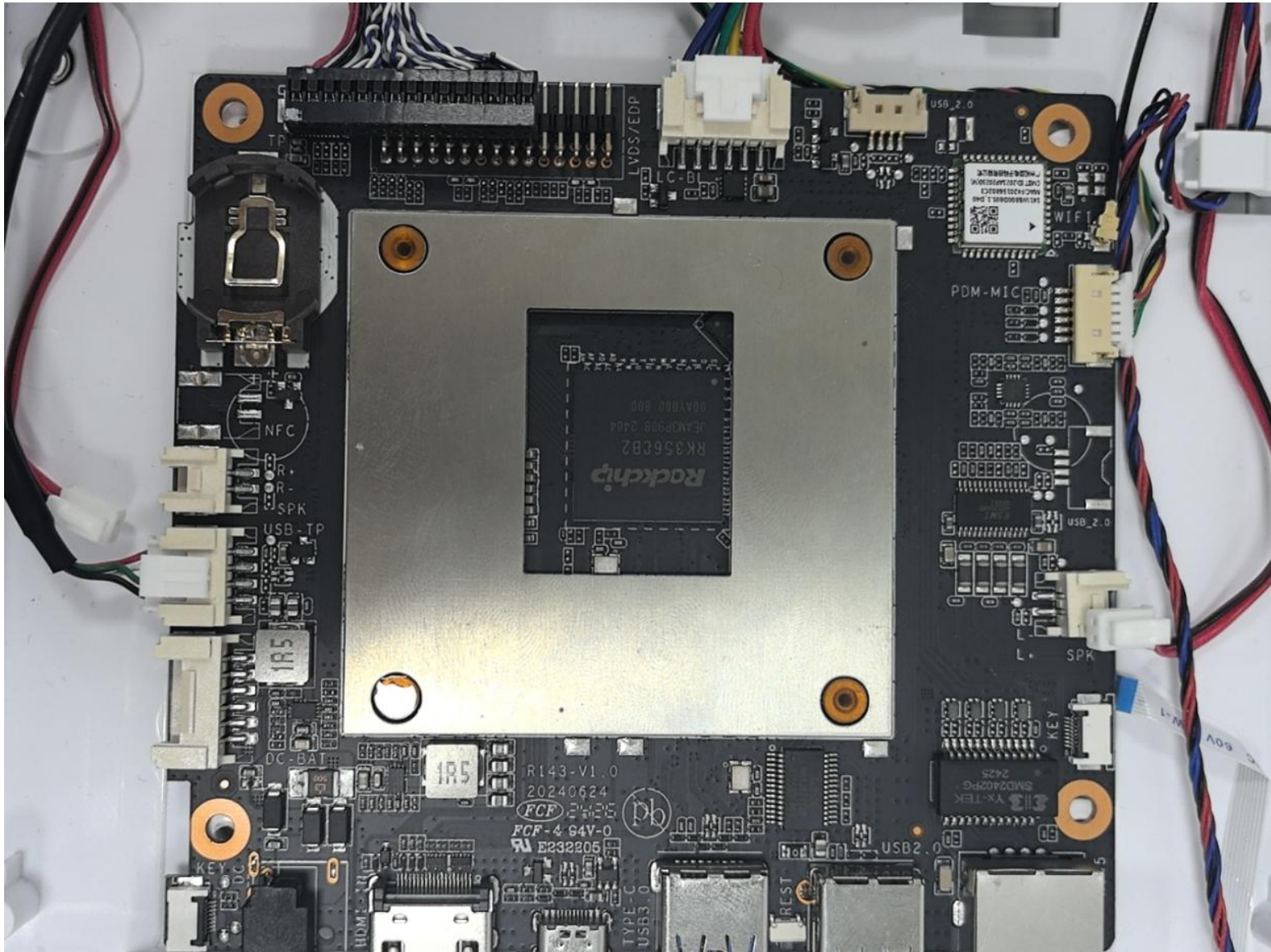
2.5 WIFI active tes

3. Conclusions

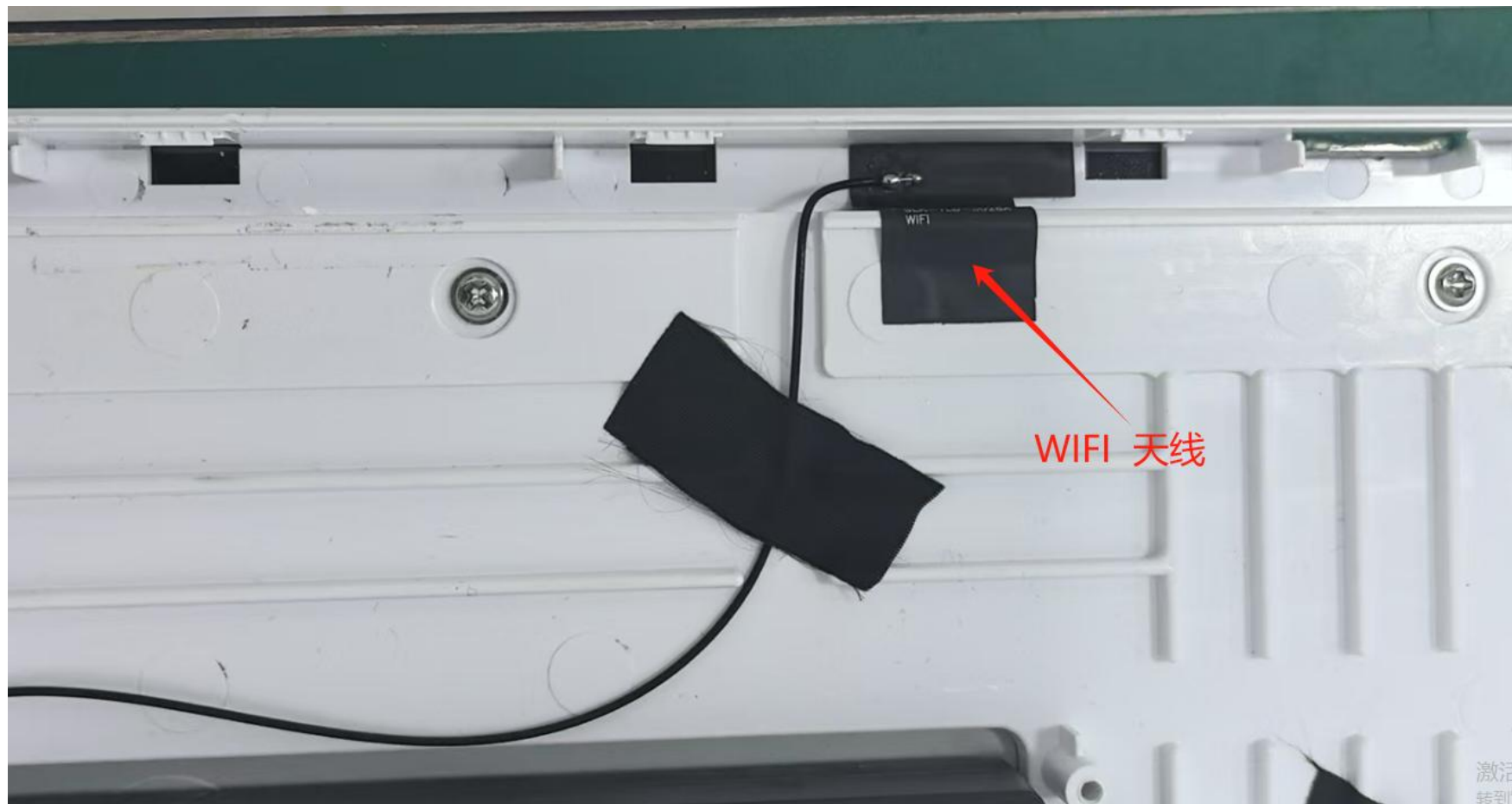
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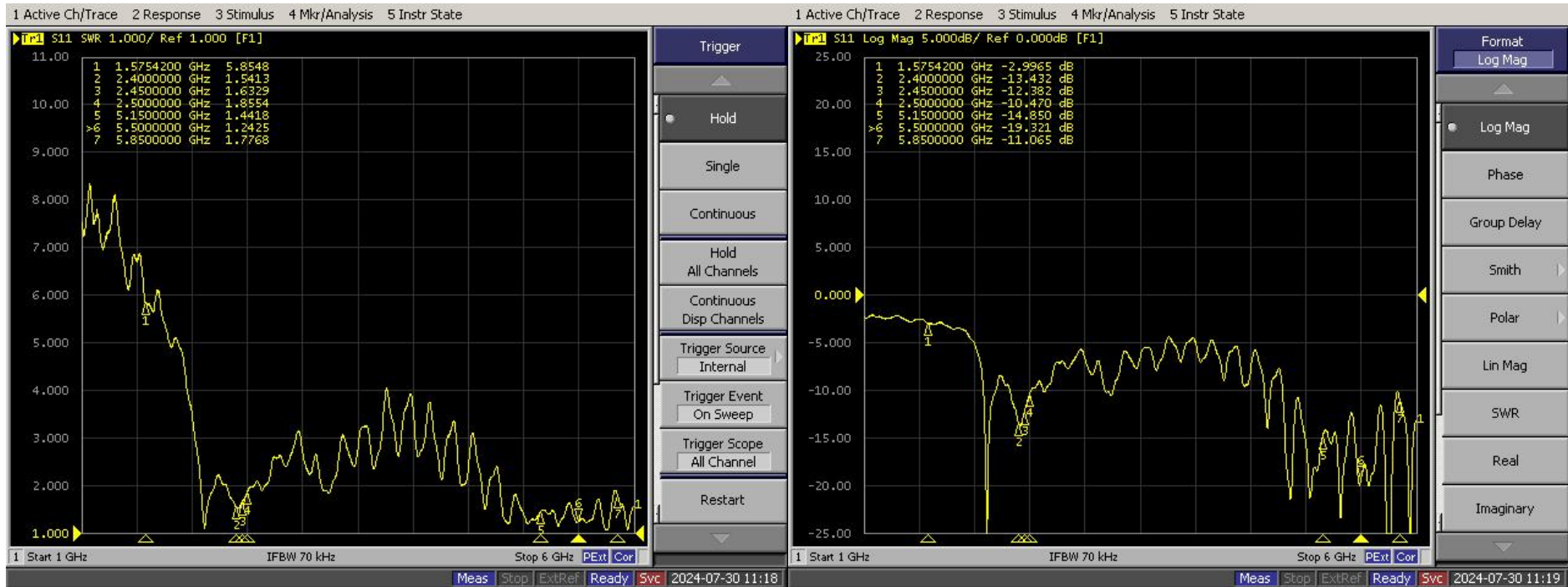
2.4 WIFI AUX Antenna Gain/Efficiency/3D DATA

2.5 WIFI active tes

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2.1 WIFI MAIN Antenna VSWR/S11



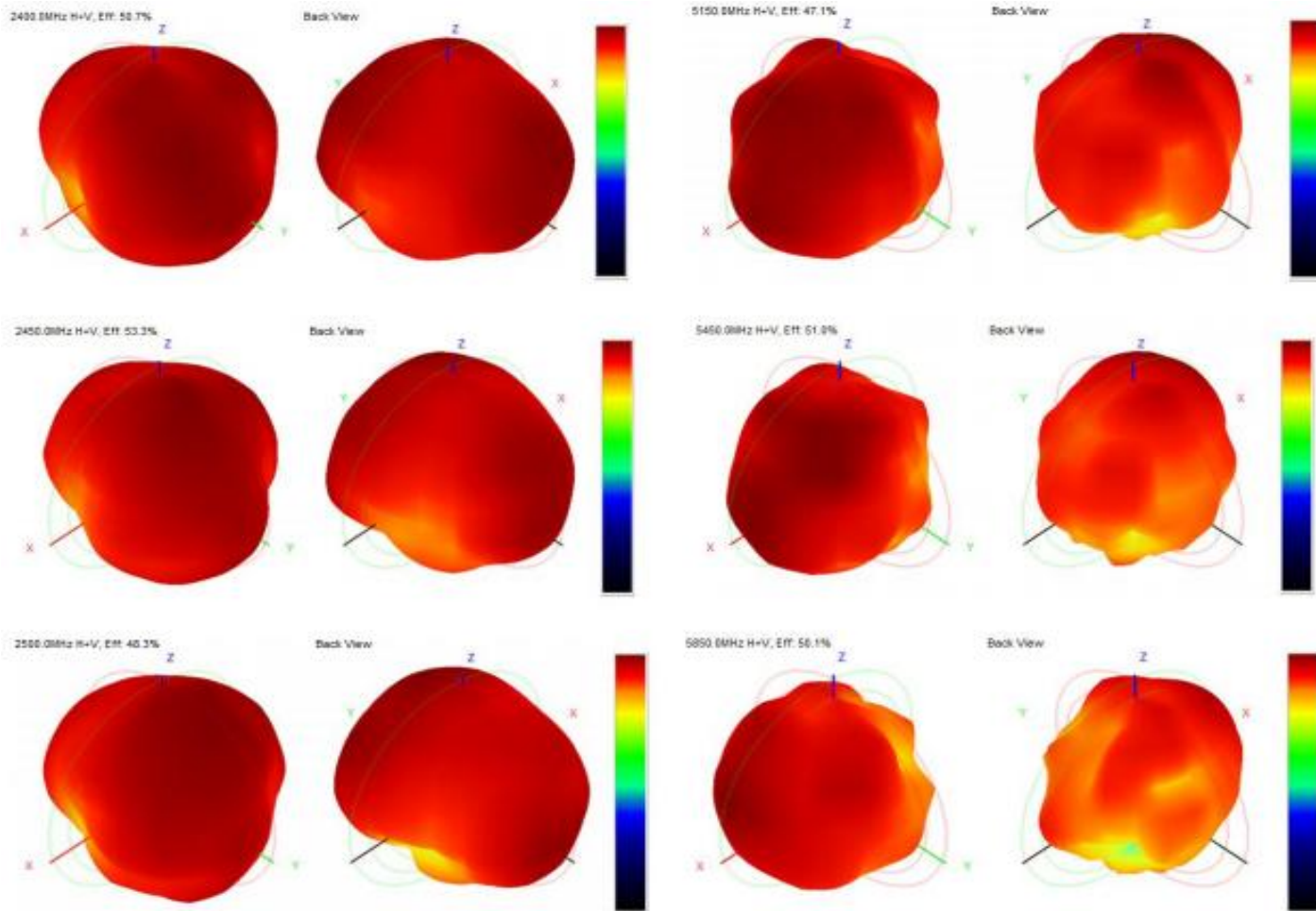
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2.2 WIFI MAIN Antenna Gain/Efficiency/3D DATA

Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
2400	-2.94	1.54	50.73
2410	-2.80	1.10	52.44
2420	-3.00	1.50	50.01
2430	-2.89	1.43	51.37
2440	-2.85	1.52	51.85
2450	-2.73	1.42	53.29
2460	-2.99	1.14	50.17
2470	-3.03	1.08	49.68
2480	-3.10	1.67	48.97
2490	-3.02	1.15	49.84
2500	-3.15	1.29	48.31
5150	-3.27	2.48	47.07
5250	-3.06	2.92	49.32
5450	-2.92	2.31	50.98
5850	-3.00	2.36	50.07

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	13.21	13.51	13.14
B-TIS-11Mbps	-79.85	-78.33	-79.36
G-TRP-54Mbps	12.78	12.69	12.45
G-TIS-54Mbps	-68.51	-68.72	-68.40
N-TRP-MCS7	12.73	12.92	12.68
N-TIS-MCS7	-65.16	-65.88	-65.48
频段	36	149	165
A-TRP-54Mbps	12.04	12.29	12.22
A-TIS-54Mbps	-70.48	-70.51	-71.60

3. Conclusions

谢谢!