

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.

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1. Product Overview

2. Test Result

2.1 WIFI MAIN Antenna VSWR

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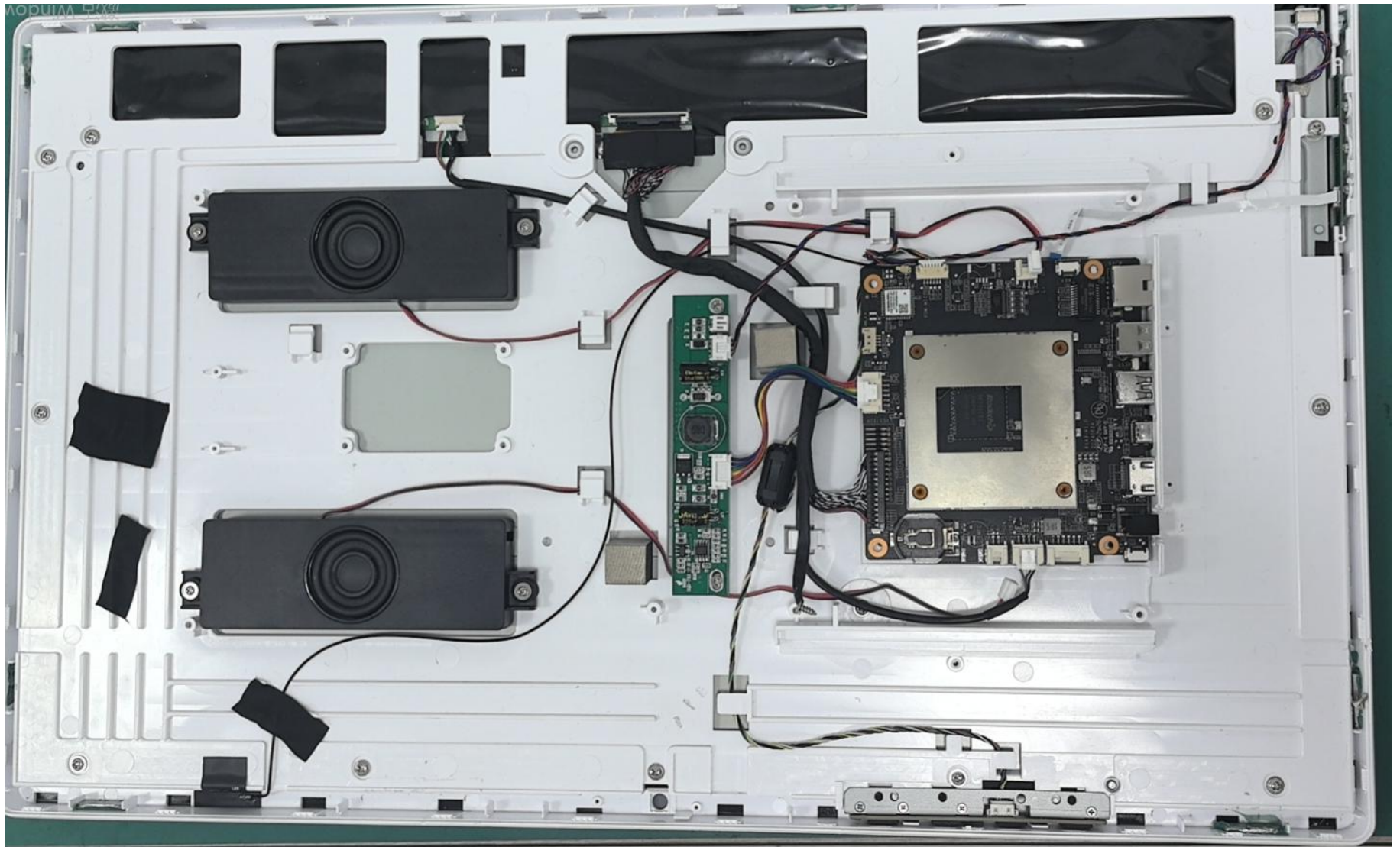
2.3 WIFI AUX Antenna VSWR

2.4 WIFI AUX Antenna Gain/Efficiency/3D DATA

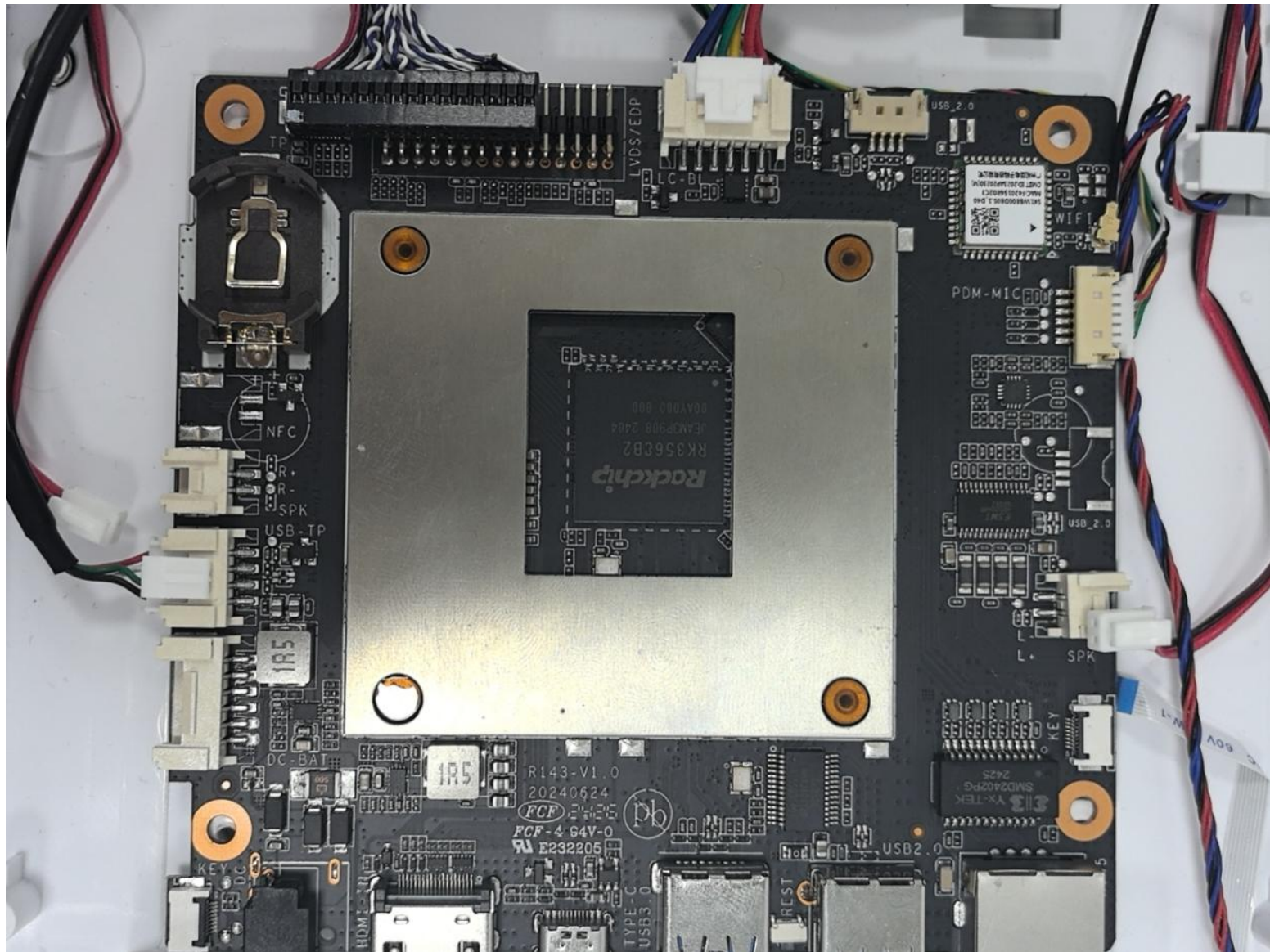
2.5 WIFI active tes

3. Conclusions

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2. Test Result

2.1 WIFI MAIN Antenna VSWR/S11



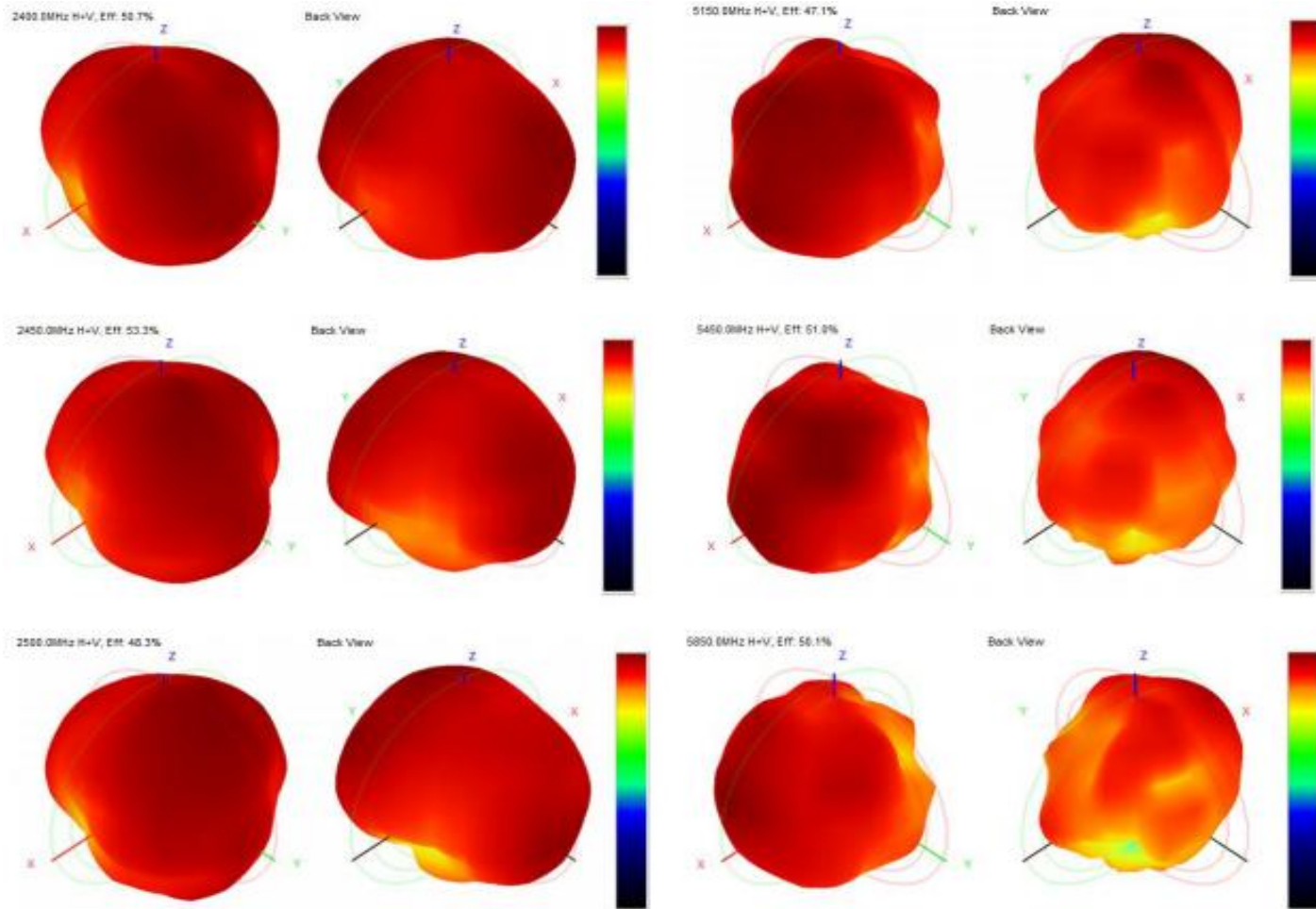
2. Test Result

2.2 WIFI MAIN Antenna Gain/Efficiency/3D DATA

Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
2400	-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！