

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: WF2188T (WIFI:SLK-YLD-3222A-R-345I-B)

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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2. Test Result

2.1 WIFI MAIN Antenna VSWR

2.2 WIFI MAIN Antenna Gain/Efficiency/3D DATA

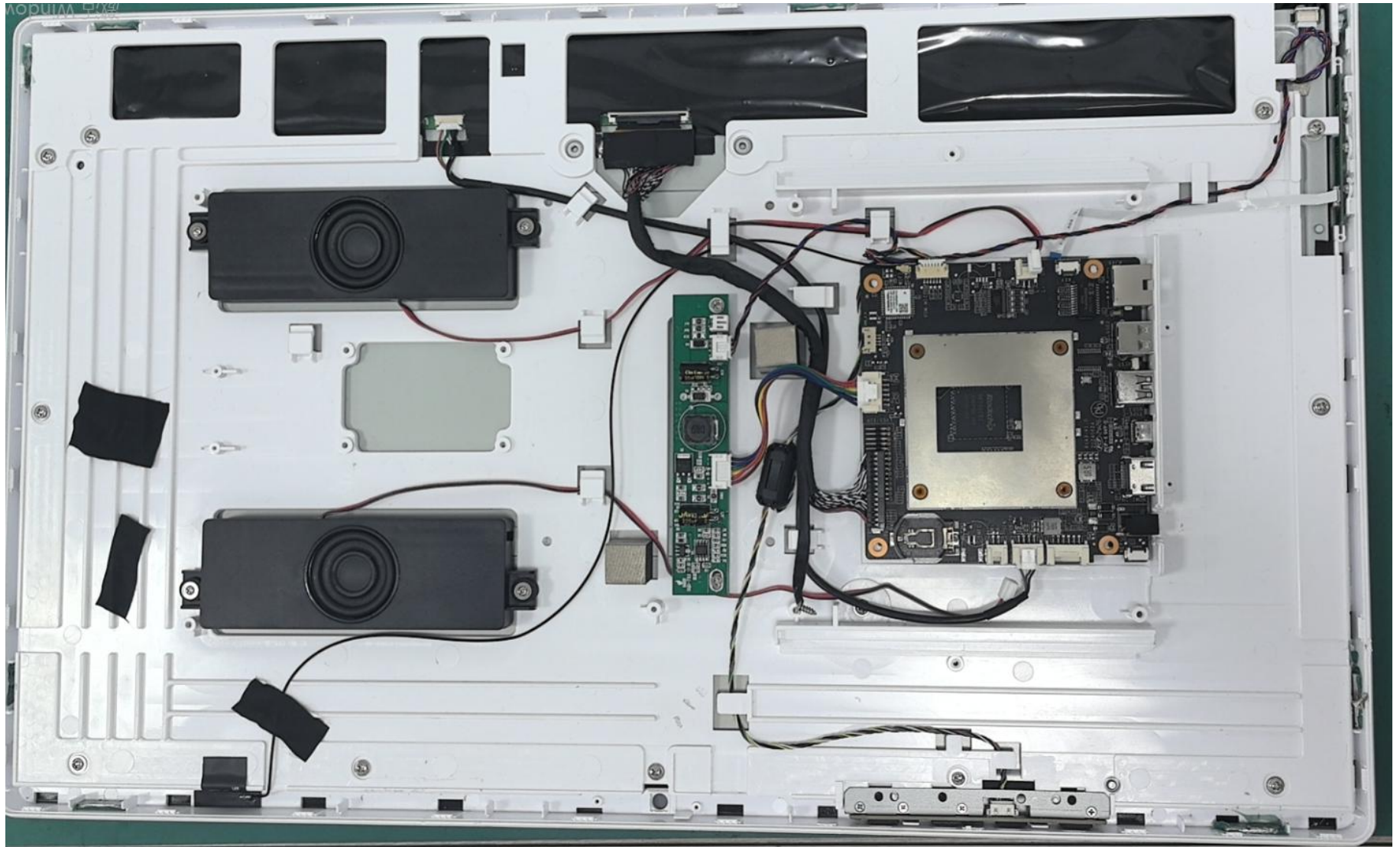
2.3 WIFI AUX Antenna VSWR

2.4 WIFI AUX Antenna Gain/Efficiency/3D DATA

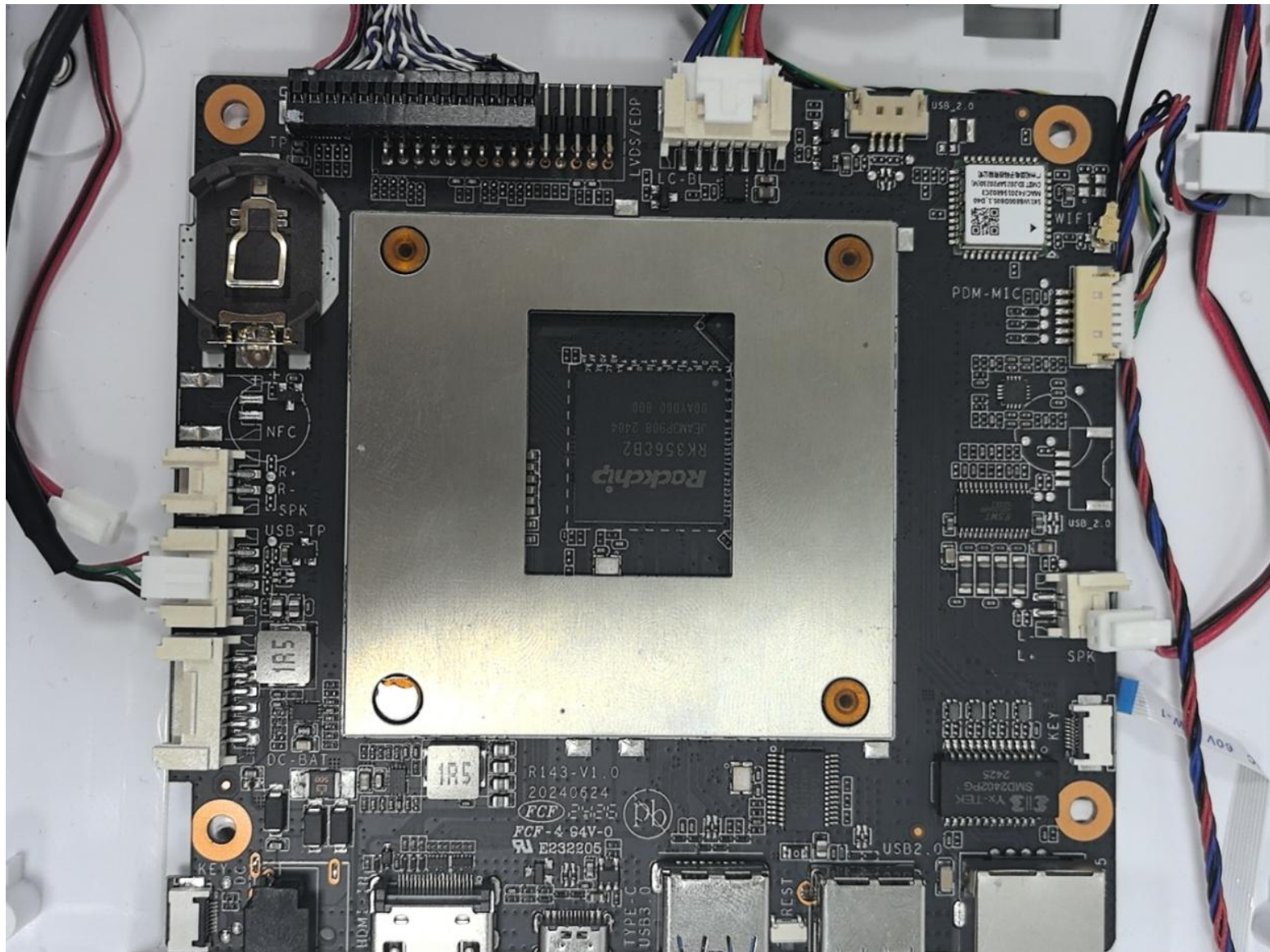
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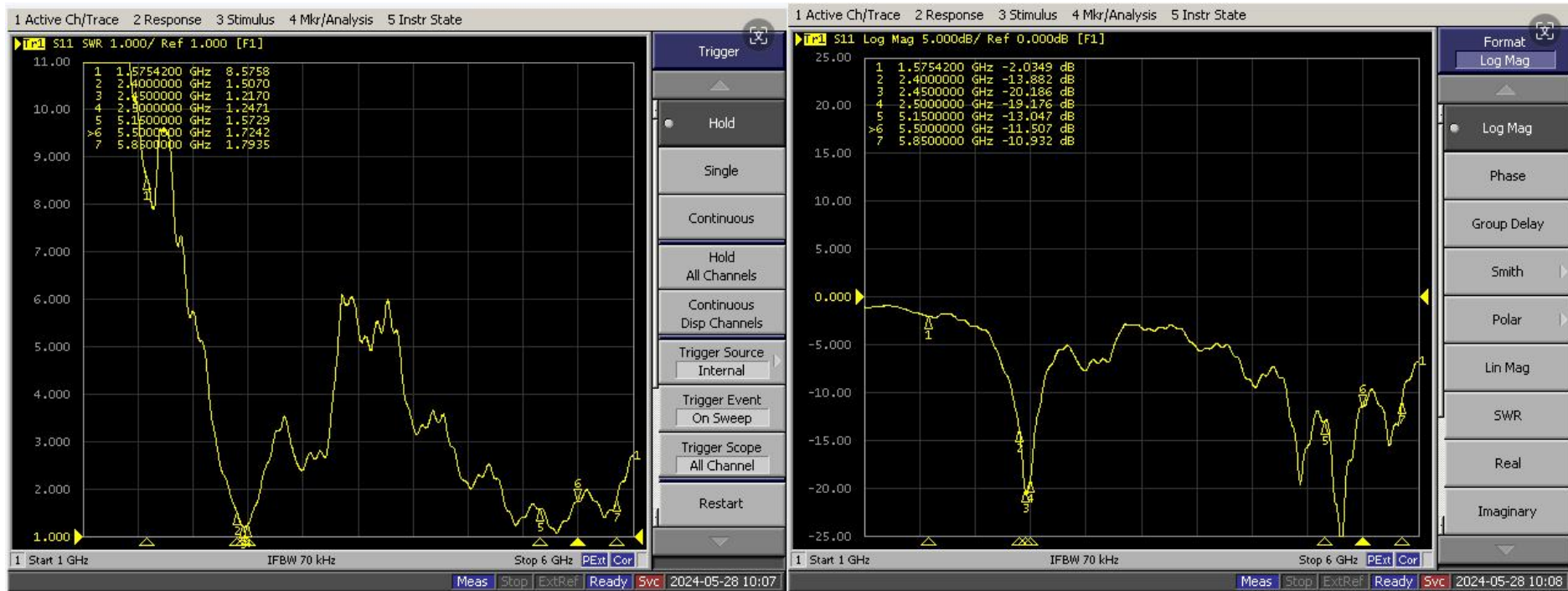
2.4 WIFI AUX Antenna Gain/Efficiency/3D DATA

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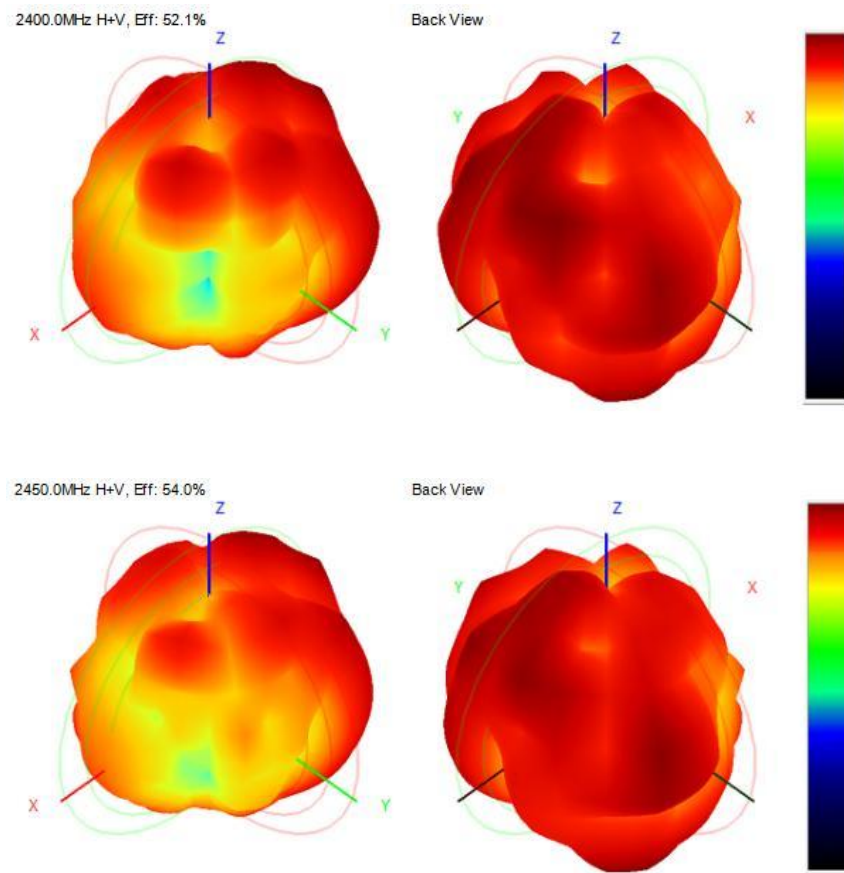
2.1 WIFI MAIN Antenna VSWR/S11



2. Test Result

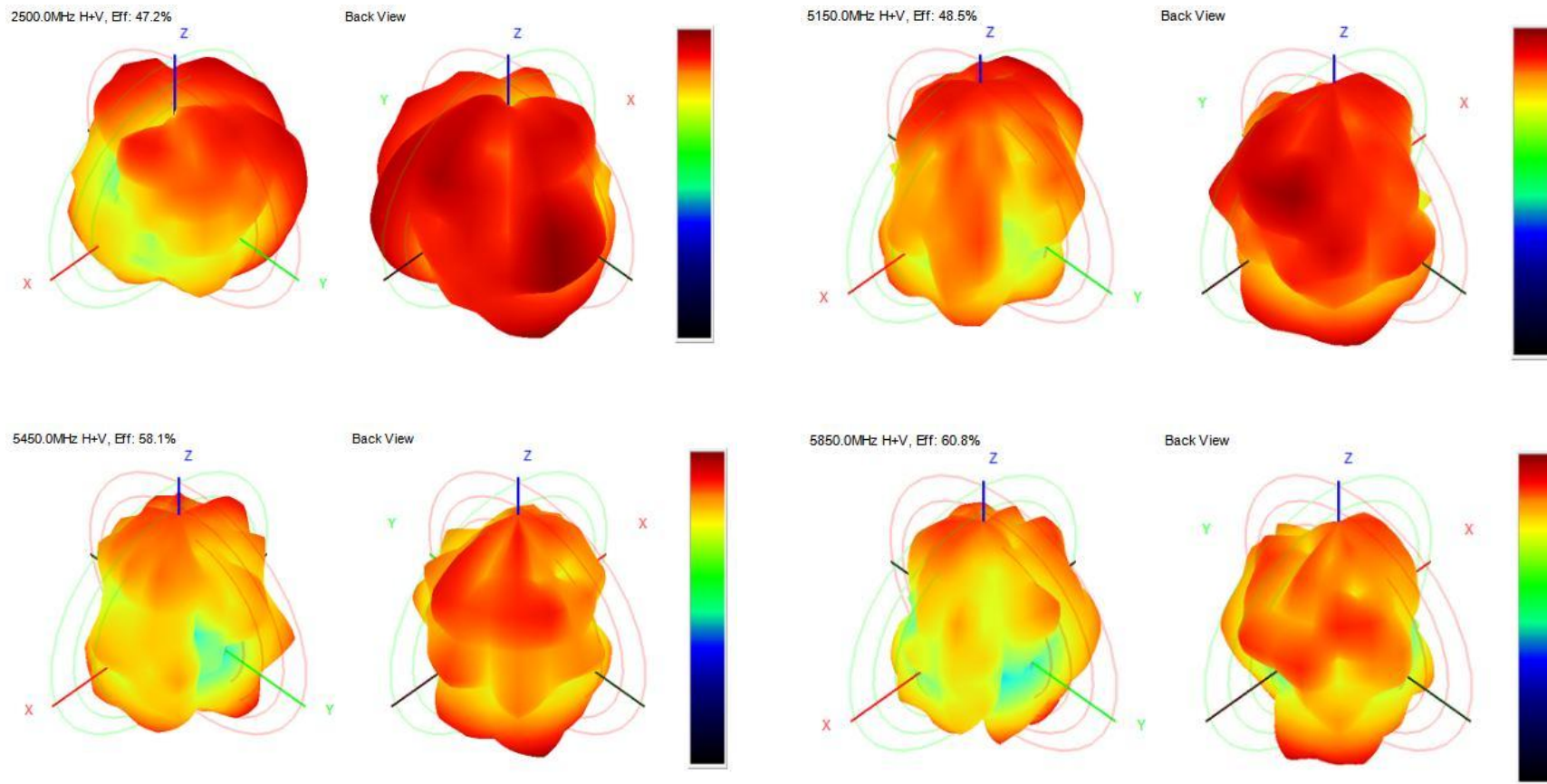
2.2 WIFI MAIN Antenna Gain/Efficiency/3D DATA

Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
2400	-2.83	2.22	52.07
2410	-2.83	2.29	52.06
2420	-2.45	2.84	56.87
2430	-2.54	2.76	55.77
2440	-2.48	3.05	56.54
2450	-2.68	2.89	53.96
2460	-2.47	3.39	56.60
2470	-2.93	3.06	50.96
2480	-3.13	3.11	48.69
2490	-3.05	3.44	49.55
2500	-3.26	3.01	47.20
5150	-3.14	2.50	48.52
5250	-3.65	3.72	43.20
5350	-3.22	3.45	47.67
5450	-2.36	2.83	58.10
5550	-2.73	2.46	53.38
5650	-2.72	2.79	53.44
5750	-2.71	2.99	53.53
5850	-2.16	2.56	60.78



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	12.39	13.58	13.26
B-TIS-11MBps	-81.47	-82.56	-82.78
G-TRP-54MBps	10.84	12.53	11.75
G-TIS-54MBps	-71.59	-72.86	-72.06
N-TRP-MCS7	10.22	11.49	11.16
N-TIS-MCS7	-68.12	-69.28	-69.38
频段	36	149	165
A-TRP-54MBps	12.23	13.24	12.34
A-TIS-54MBps	-72.10	-72.93	-72.41

3. Conclusions

谢谢！