

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: WF2136

Product: WIFI

Report date: 2024-07-18

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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 VSWR/S11

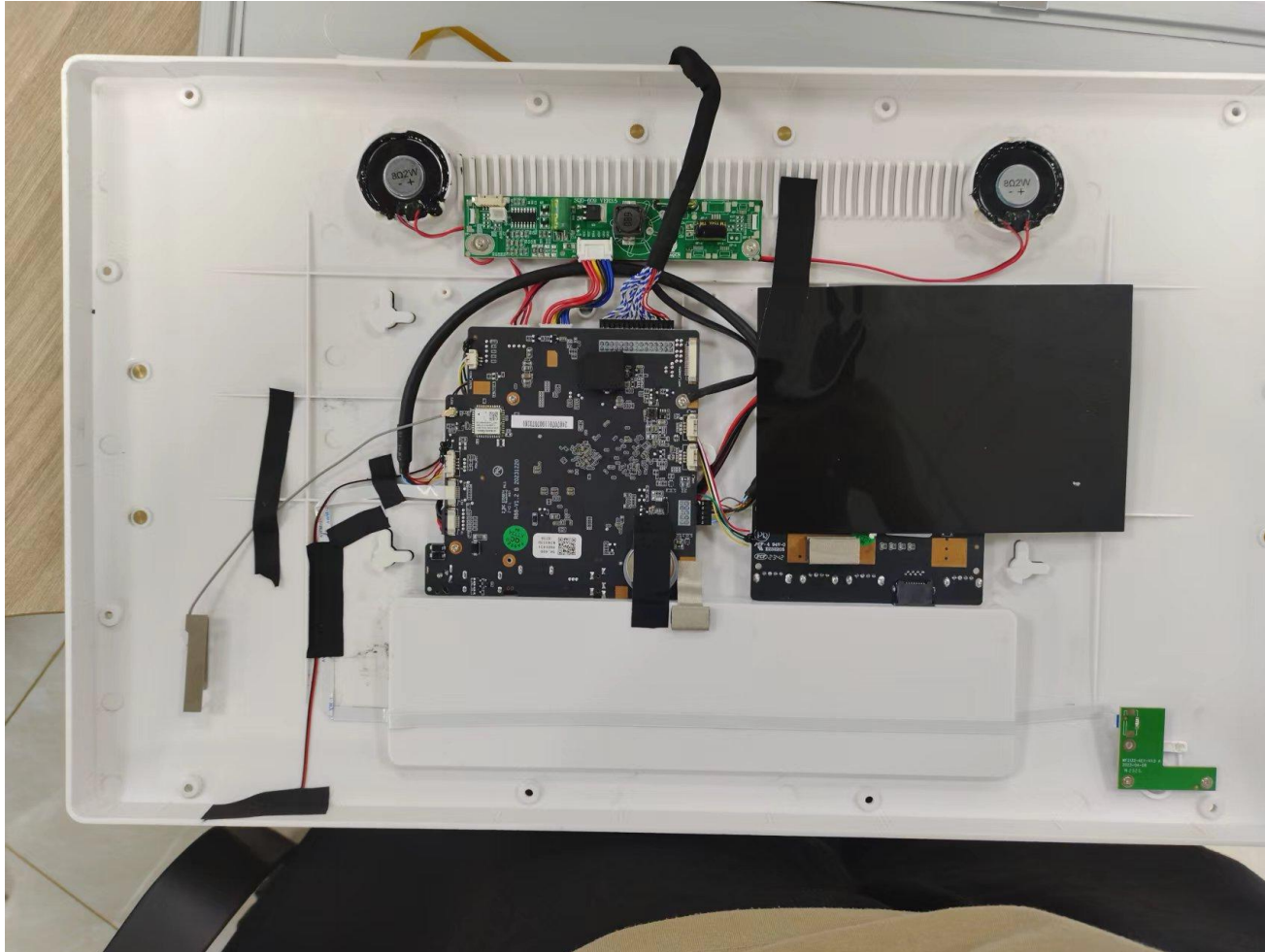
2.2 Antenna Parameters

2.3 WIFI Antenna TRP/TIS

2.4 WIFI Antenna Gain/Efficiency/3D DATA

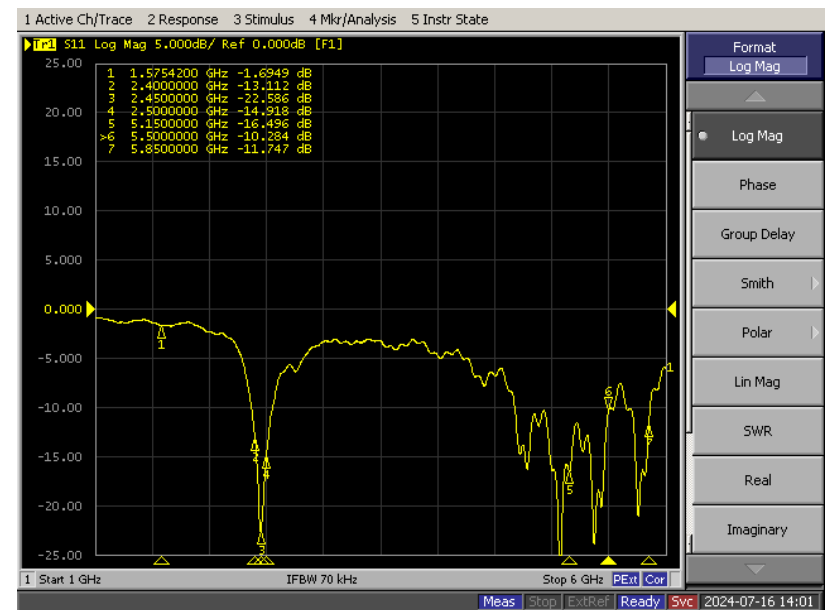
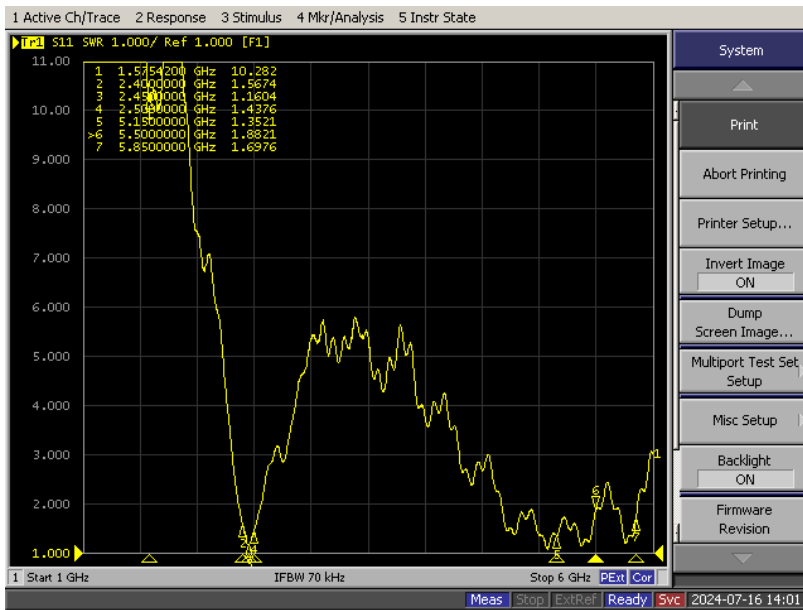
3. Conclusions

1. Product Overview



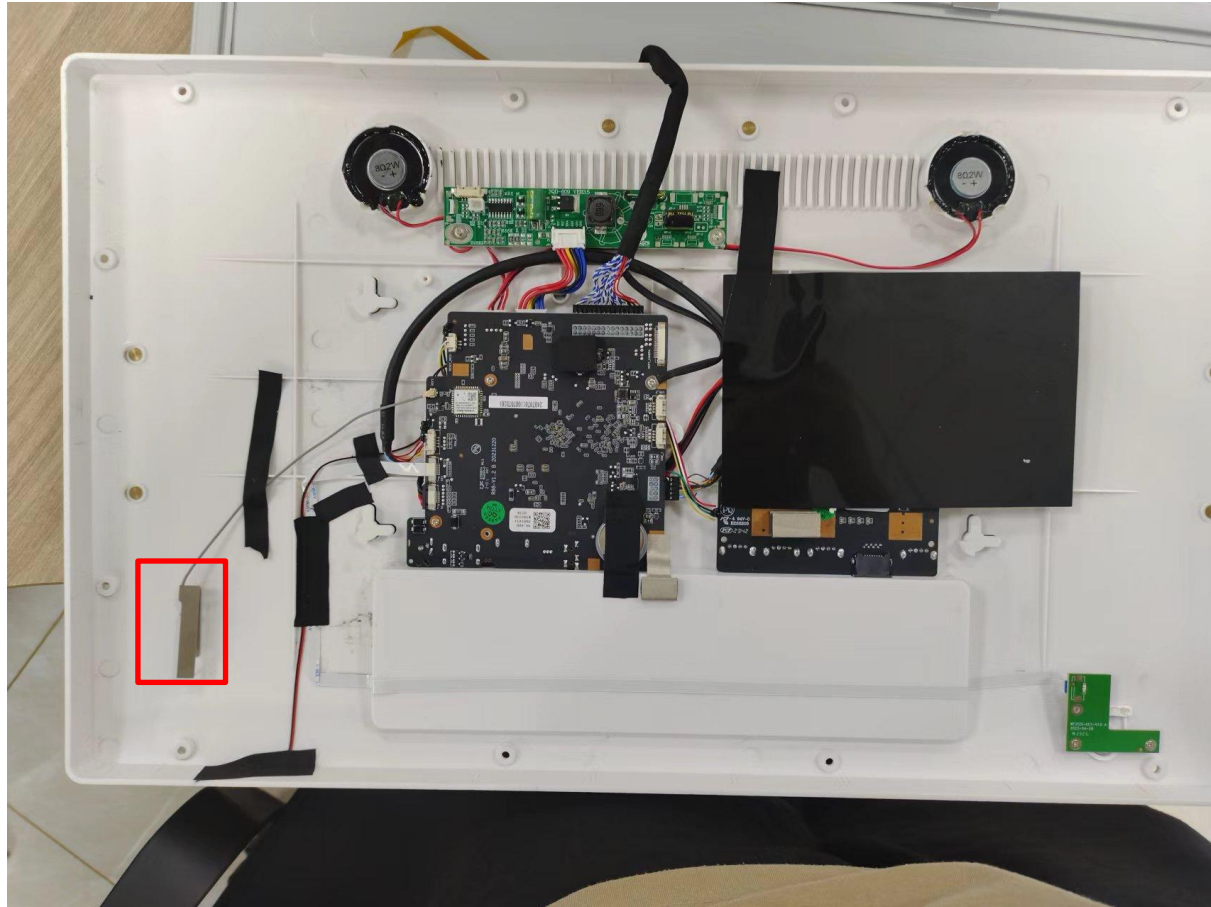
2. Test Result

2.1 VSWR/S11



2. Test Result

2.2 Antenna Parameters



2. Test Result

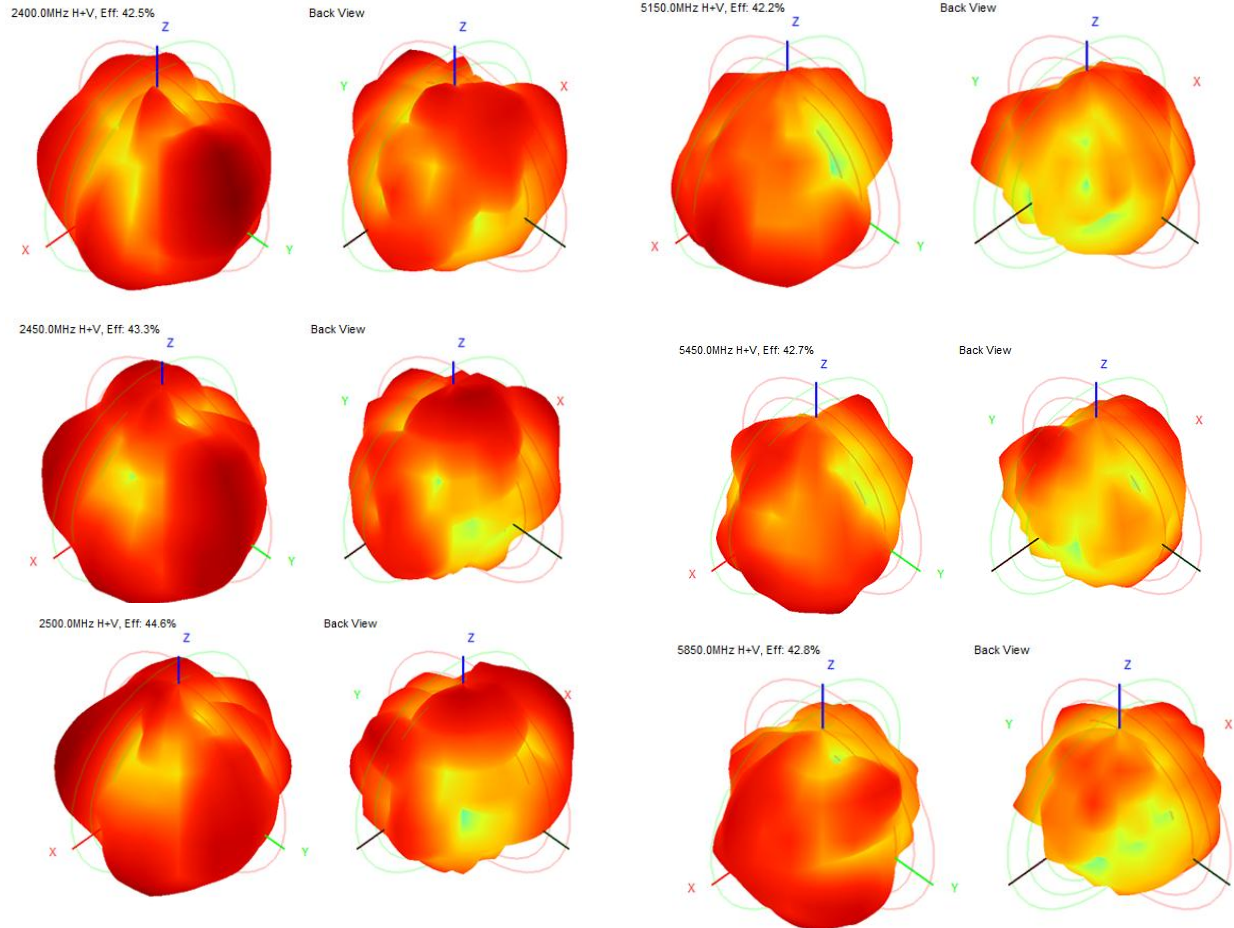
2.3 WIFI Antenna TRP/TIS

WIFI有源测试			
频段	1	6	11
B-TRP-11Mbps	12.87	13.47	15.12
B-TIS-11Mbps	-83.34	-81.23	-82.66
G-TRP-54Mbps	11.69	12.72	12.57
G-TIS-54Mbps	-69.21	-68.93	-68.51
N-TRP-MCS7	11.56	12.53	12.89
N-TIS-MCS7	-65.43	-65.38	-65.18
频段	36	149	165
A-TRP-54Mbps	10.78	10.34	10.18
A-TIS-54Mbps	-71.42	-70.92	-70.59

2. Test Result

2.4 WIFI Antenna Gain/Efficiency/3D DATA

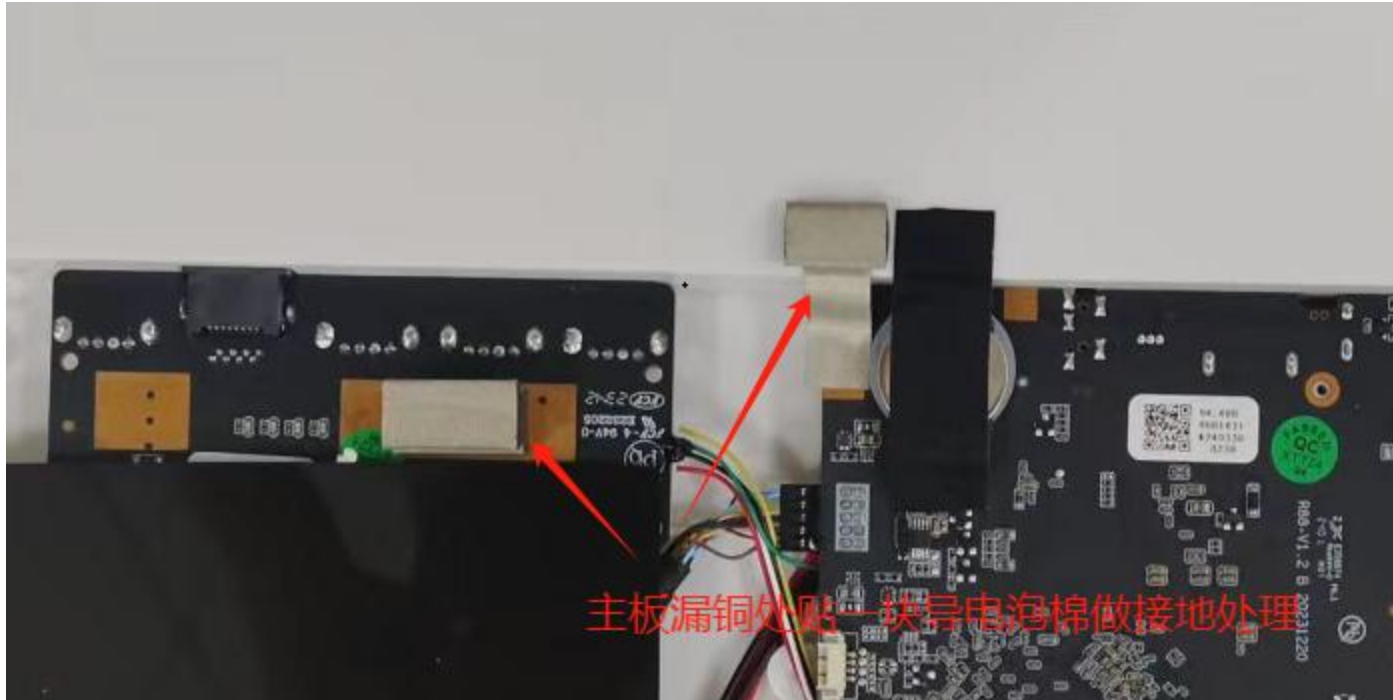
Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
2400	-3.71	1.48	42.48
2410	-3.73	1.69	42.29
2420	-3.74	1.18	42.21
2430	-3.59	1.61	43.74
2440	-3.60	1.18	43.59
2450	-3.62	1.41	43.36
2460	-3.64	1.39	43.18
2470	-3.57	1.29	43.89
2480	-3.51	1.18	44.48
2490	-3.38	1.15	45.89
2500	-3.50	1.18	44.58
5150	-3.75	1.12	42.15
5250	-3.79	1.36	41.74
5450	-3.69	1.4	42.69
5850	-3.68	1.41	42.78



3. Conclusions



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谢谢!