

深圳市亿圣邦科技有限公司

Shenzhen Yishengbang Technology Co., Ltd Antenna Test Report

Customer: 智林泰

Project: C20P

Product: WIFI Antenna—FPC

Report date: 2025-08-04

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Purpose

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

Content

1. Product Overview

2.Test Result

2.1 WIFI Antenna VSWR

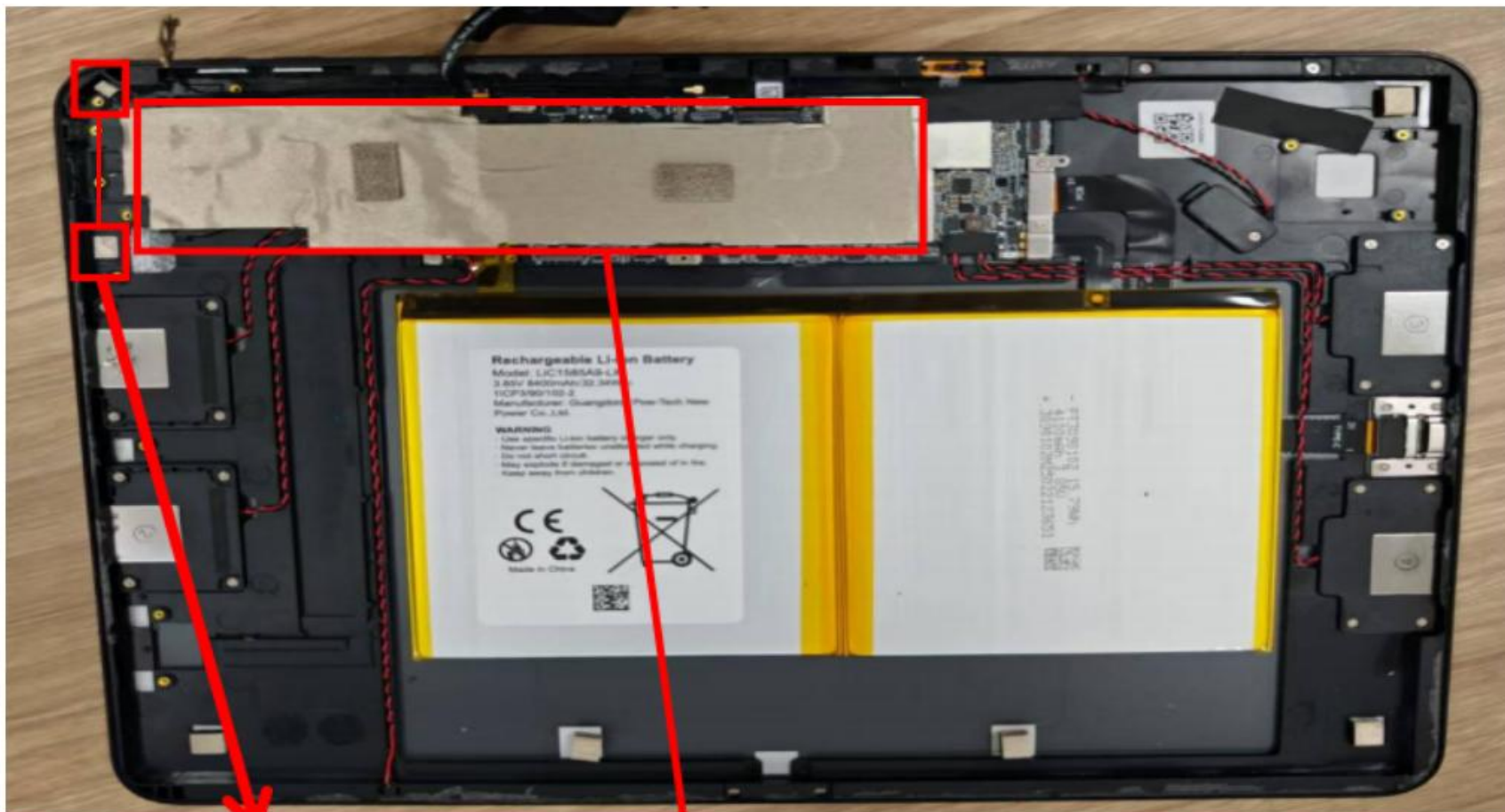
2.2 WIFI Antenna Gain/Efficiency/3D DATA

2.3 WIFI Antenna TRP/TIS

2.4 GPS test

3. Conclusions

" 1. Product Overview



2个天线小板露铜区贴泡沫和锌合金接地处理

摄像头排线接地，屏蔽盖贴导海棉和屏框接地处理

" 1. Product Overview



锌合金贴导电泡棉和屏框接地处理

2. Test Result

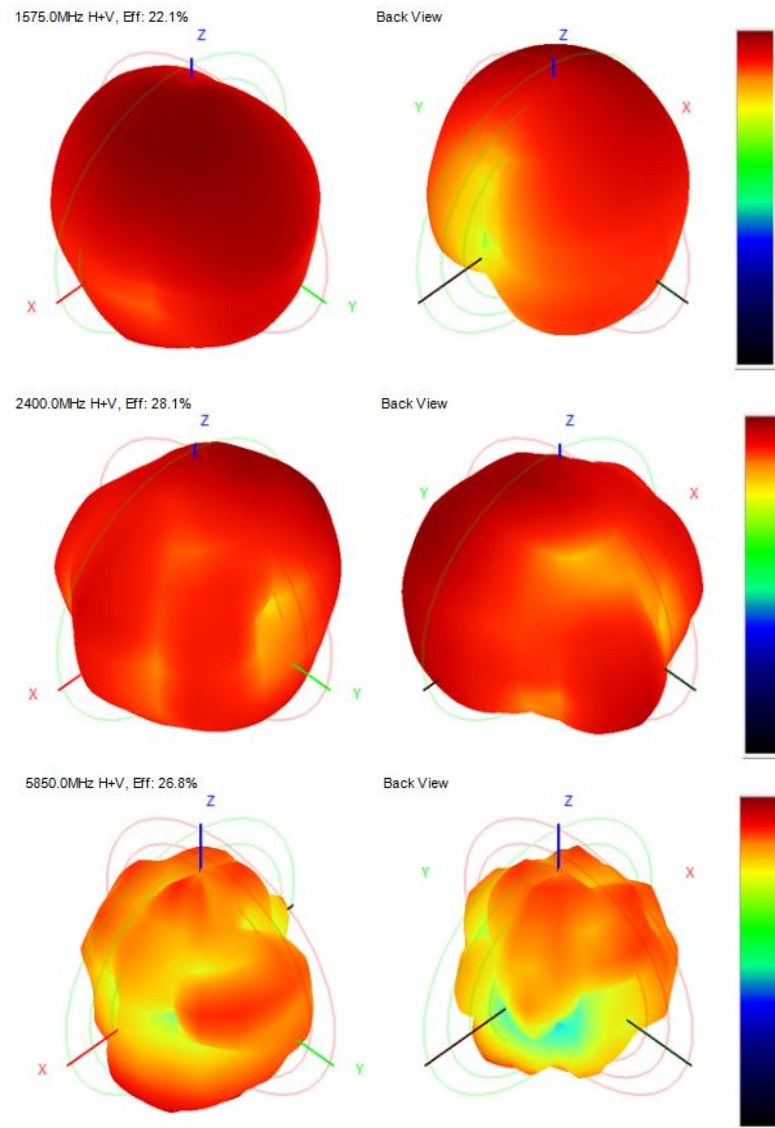
2.1 WIFI Antenna VSWR



2. Test Result

2.2 WIFI Antenna Gain/Efficiency/3D DATA

Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
1570.0	-6.68	0.80	21.47
1575.0	-6.54	0.84	22.18
1580.0	-6.72	0.76	21.29
2400.0	-5.78	0.84	26.18
2410.0	-5.83	0.69	27.65
2420.0	-5.73	0.83	28.87
2430.0	-5.67	0.70	30.62
2440.0	-5.75	0.84	29.42
2450.0	-5.75	0.71	29.77
2460.0	-5.80	0.86	29.01
2470.0	-5.79	1.00	27.59
2480.0	-5.66	0.72	27.67
2490.0	-5.68	0.88	26.73
2500.0	-5.73	0.75	24.70
5150.0	-5.79	-1.00	26.39
5350.0	-5.63	-0.75	27.33
5550.0	-5.59	-0.78	27.58
5750.0	-5.67	-0.72	27.11
5850.0	-5.72	-0.81	26.81



2. Test Result

2.3 WIFI Antenna TRP/TIS

WIFI有源测试			
频段	1	6	11
B-TRP-11MBps	11.27	11.13	11.11
B-TIS-11MBps	-81.02	-81.10	-81.09
G-TRP-54MBps	9.16	9.20	9.14
G-TIS-54MBps	-68.10	-68.29	-68.30
N-TRP-MCS7	8.15	8.09	8.20
N-TIS-MCS7	-64.10	-64.27	-64.11
频段	36	149	165
A-TRP-54MBps	9.15	9.20	9.17
A-TIS-54MBps	-69.58	-68.33	-68.29

2. Test Result

2.4 GPS test



3. Conclusions

谢谢!