

深圳市亿圣邦科技有限公司

Shenzhen Yishengbang Technology Co., Ltd Antenna Test Report

Customer: 格瑞邦

Project: GM1052

Product: LTE/W/G/B Antenna—FPC

Report date: 2025-09-05

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Purpose

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

Content

1. Product Overview

2. Test Result

2.1 WIFI/GPS Antenna VSWR

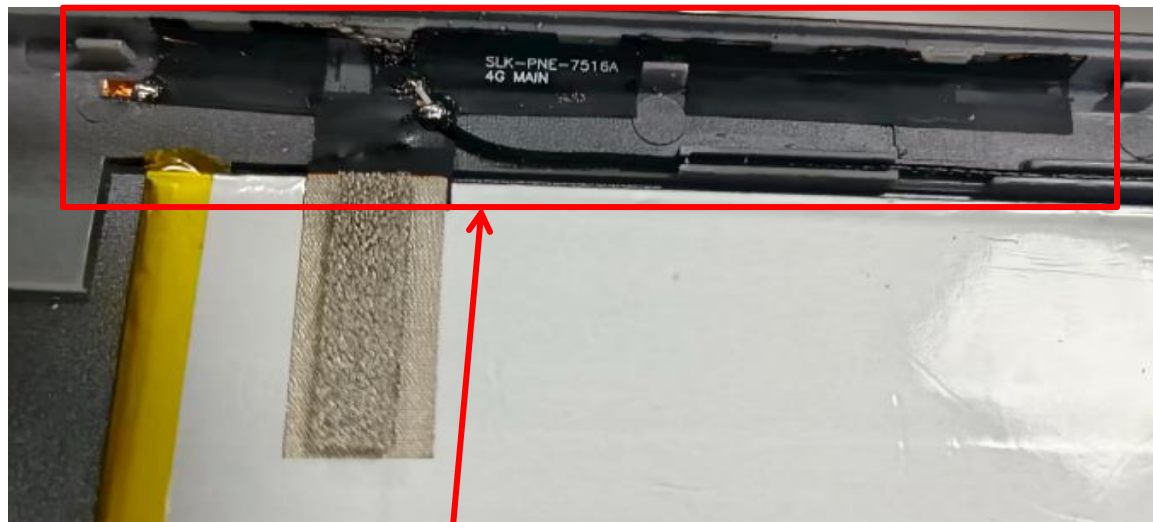
2.2 WIFI/GPS Antenna Gain/Efficiency/3D DATA

2.3 LTE Antenna TRP/TIS

2.4 LTE Antenna Gain/Efficiency/3D DATA

3. Conclusions

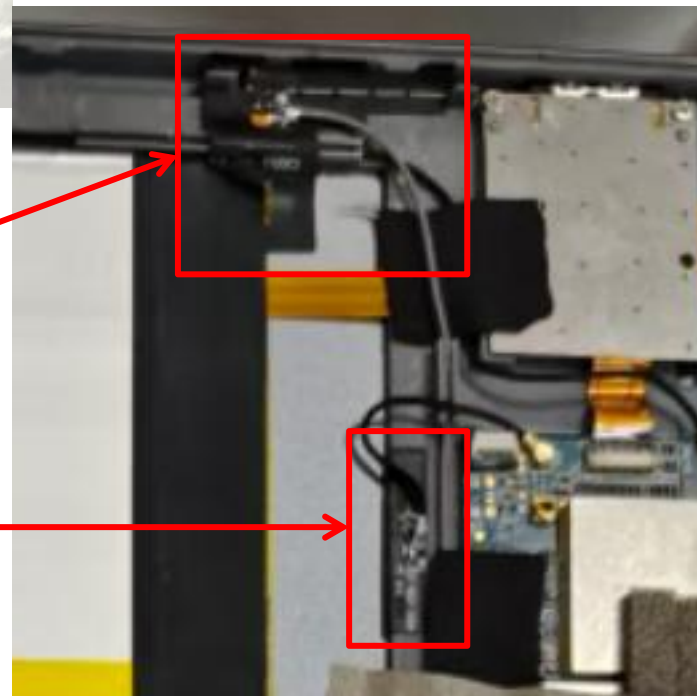
1. Product Overview



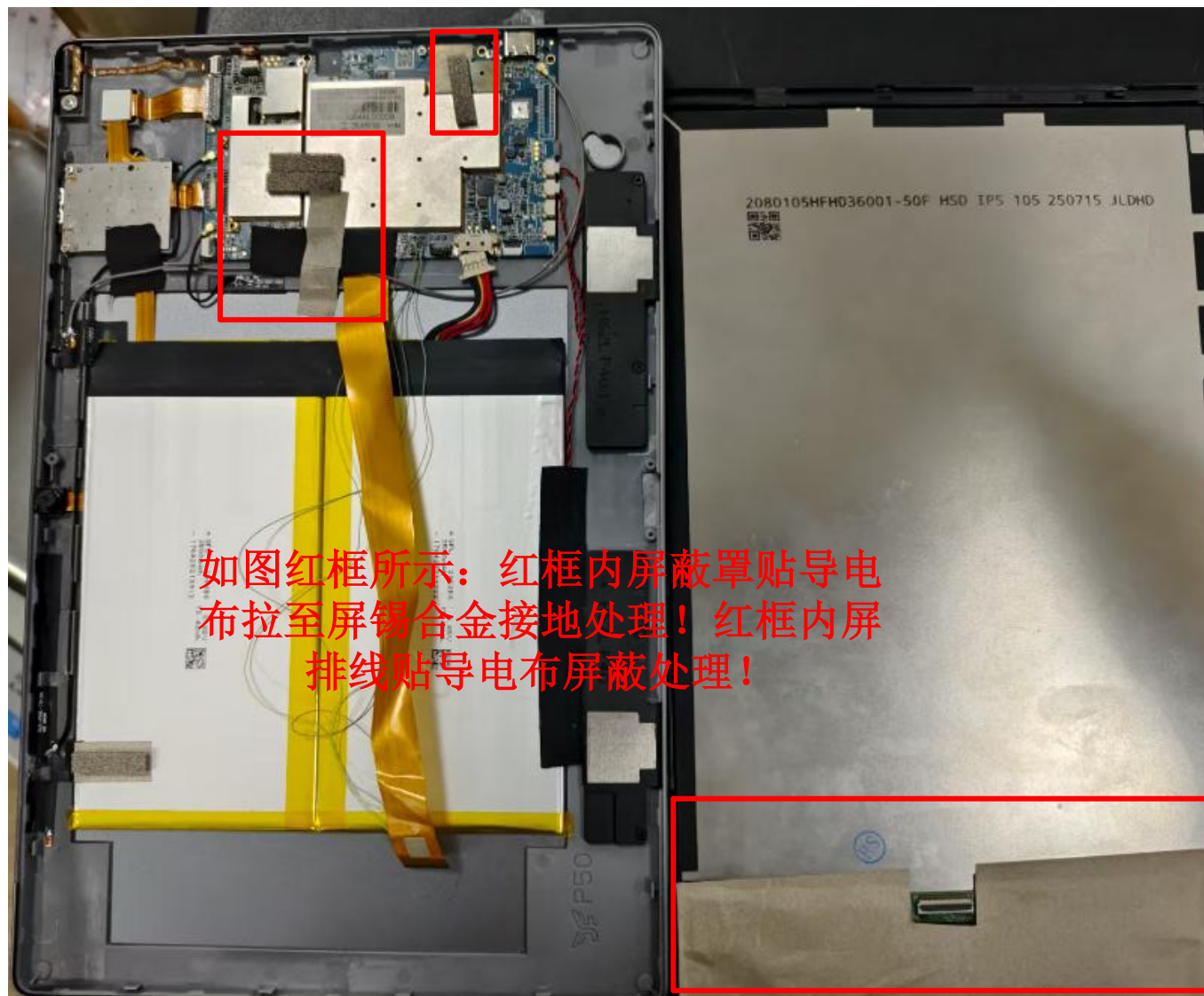
LTE-4G

W/G/B

分集天线

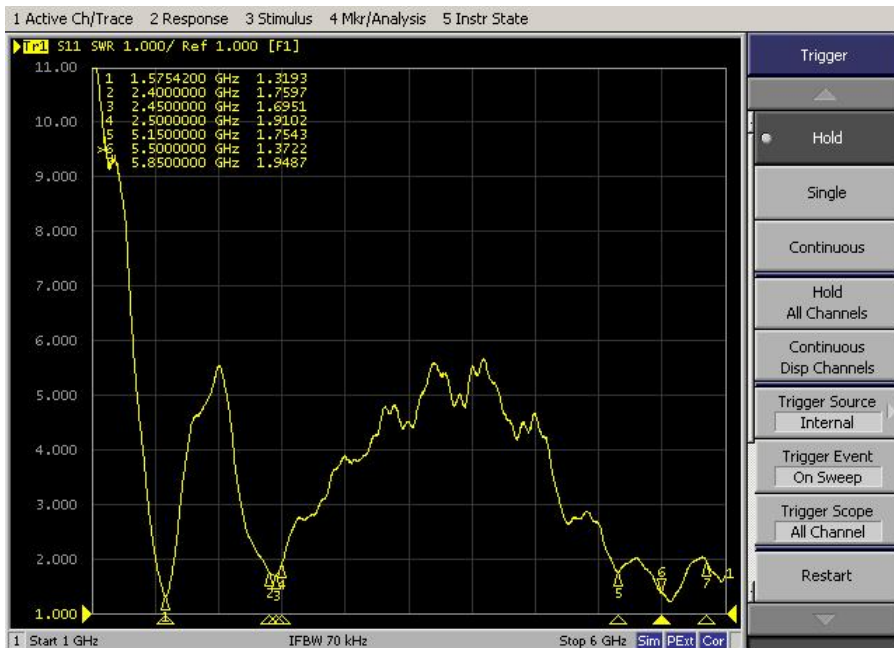


1. Product Overview



2. Test Result

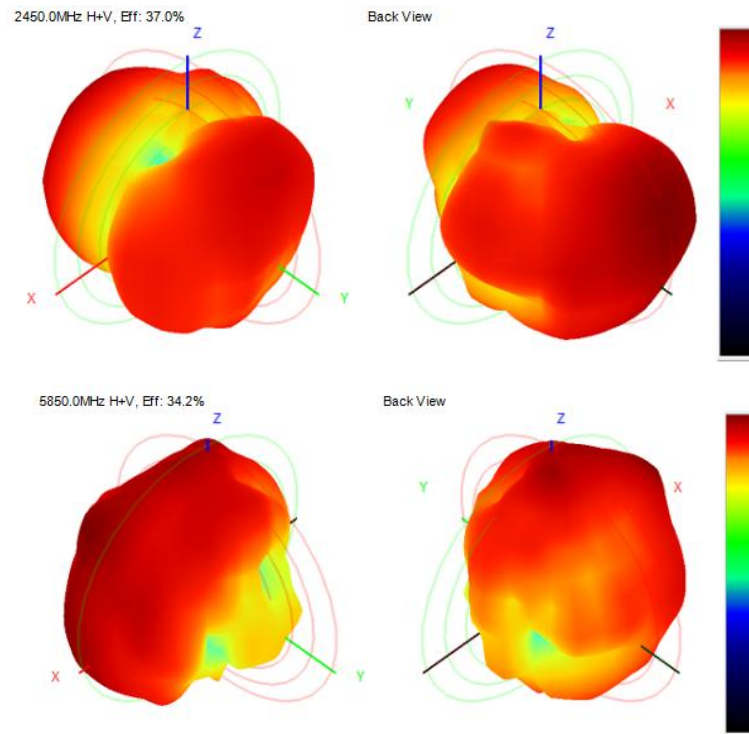
2.1 WIFI /GPS Antenna VSWR



2. Test Result

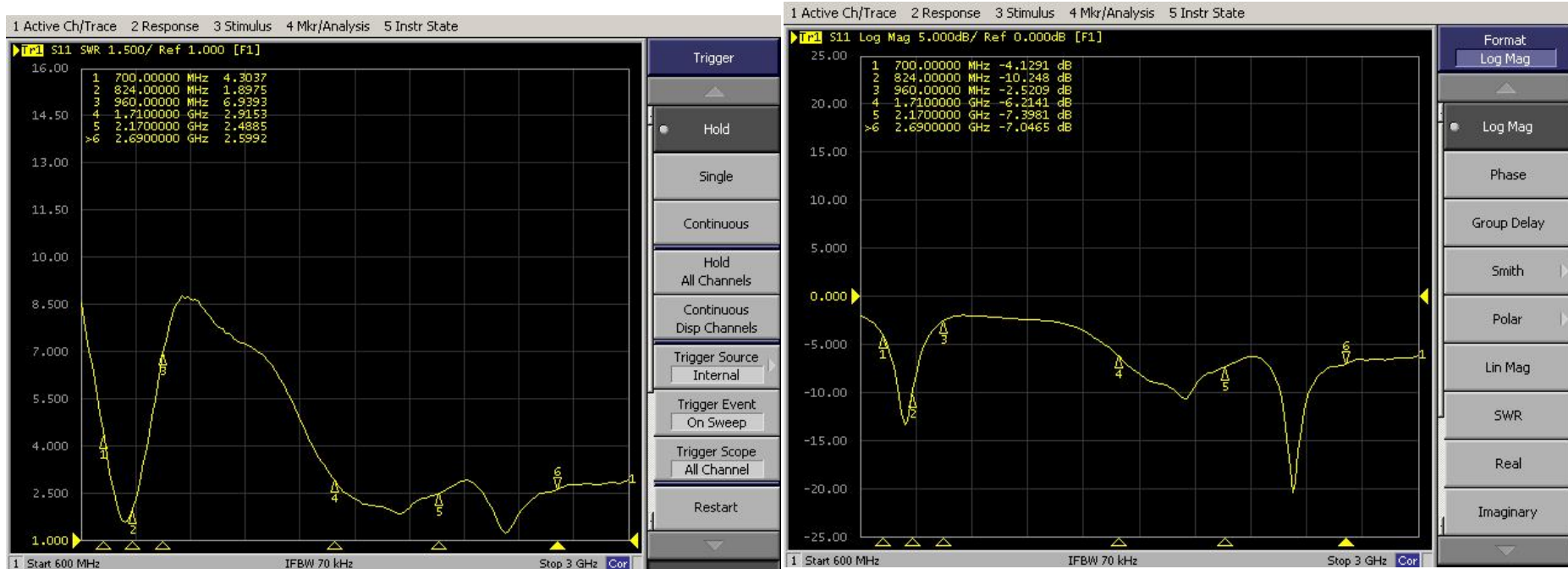
2.2 WIFI/GPS Antenna Gain/Efficiency/3D DATA

Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
2400.0	-4.60	1.16	34.64
2410.0	-4.51	1.28	35.38
2420.0	-4.46	1.18	35.81
2430.0	-4.38	1.13	36.44
2440.0	-4.34	1.25	36.82
2450.0	-4.32	1.52	37.02
2460.0	-4.47	1.55	35.75
2470.0	-4.40	1.61	36.28
2480.0	-4.34	1.52	36.80
2490.0	-4.34	1.63	36.80
2500.0	-4.45	1.58	35.88
5150.0	-5.15	2.33	30.54
5350.0	-5.07	1.52	31.11
5550.0	-5.15	2.09	30.57
5750.0	-4.69	2.11	34.00
5850.0	-4.66	2.04	34.22



2. Test Result

2.3 LTE Antenna TRP/TIS



2. Test Result

2.4 LTE Antenna Gain/Efficiency/3D DATA

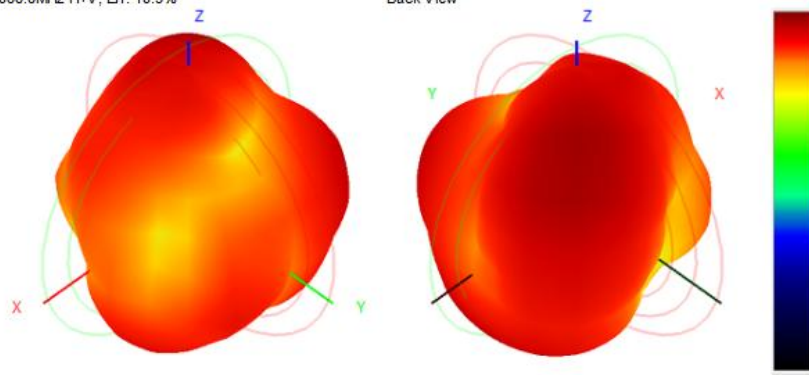
Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
800.0	-7.24	-1.54	18.88
850.0	-7.29	-1.21	18.67
900.0	-7.25	-1.00	18.85
950.0	-7.12	-0.75	19.42
960.0	-7.23	-0.59	18.91
1700.0	-4.56	1.29	33.00
1800.0	-5.69	0.77	26.95
1900.0	-5.97	0.70	25.29
2000.0	-5.81	0.75	26.25
2100.0	-5.53	1.27	28.00
2200.0	-5.78	0.42	26.42
2300.0	-5.34	1.56	29.21
2400.0	-5.45	1.04	28.52
2500.0	-5.32	1.60	29.35
2600.0	-4.25	2.50	37.55
2700.0	-4.48	2.59	35.66

2. Test Result

2.4 LTE Antenna Gain/Efficiency/3D DATA

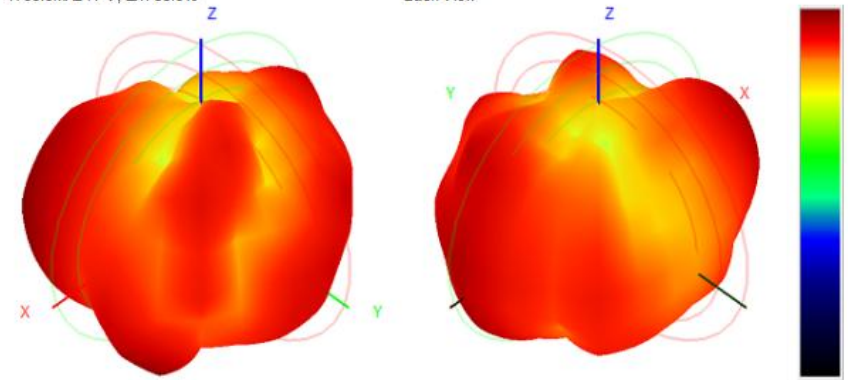
800.0MHz H+V, Eff: 18.9%

Back View



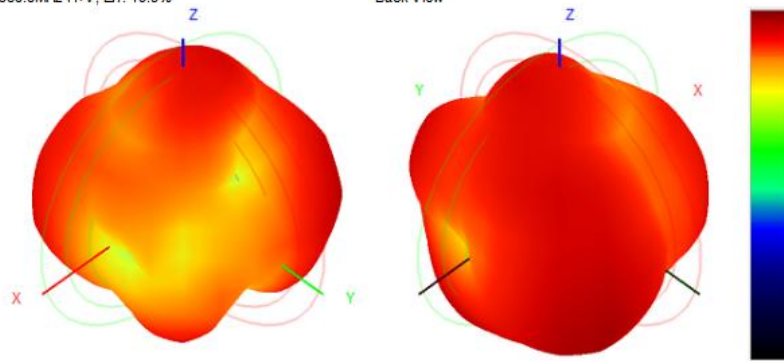
1700.0MHz H+V, Eff: 33.0%

Back View



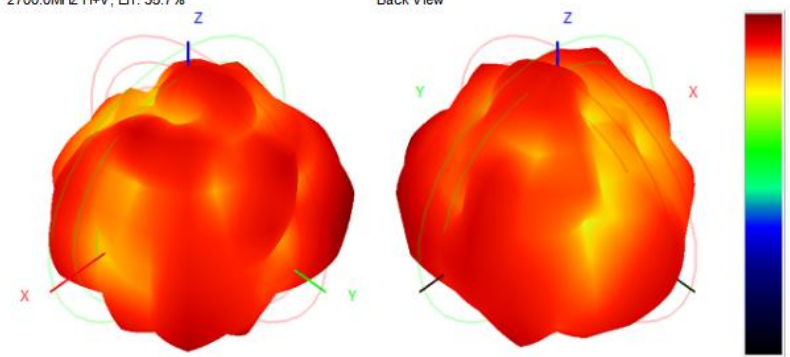
960.0MHz H+V, Eff: 18.9%

Back View



2700.0MHz H+V, Eff: 35.7%

Back View





3. Conclusions

Thank you !