

深圳市亿圣邦科技有限公司

Shenzhen Yishengbang Technology Co., Ltd. Antenna Test Report

Customer: 纳斯达

Project: NL10151

Product: WIFI Antenna—FPC

Report date: 2025-08-06

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Purpose

This report is to measure the performance of SLK for Master Antenna on纳斯达克. All measure data are showed below.

Content

1. Product Overview

2. Test Result

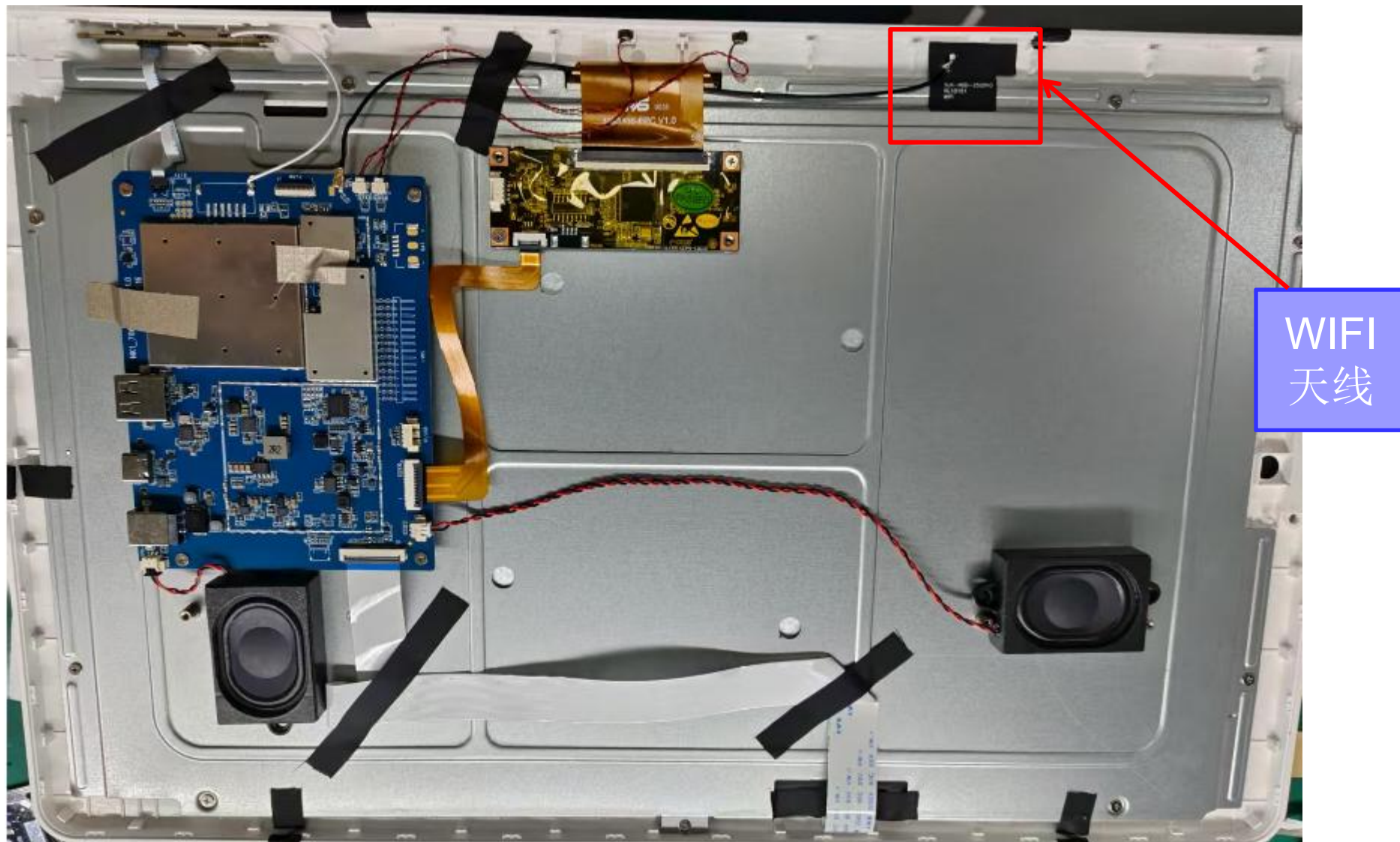
2.1 WIFI Antenna VSWR

2.2 WIFI Antenna Gain/Efficiency/3D DATA

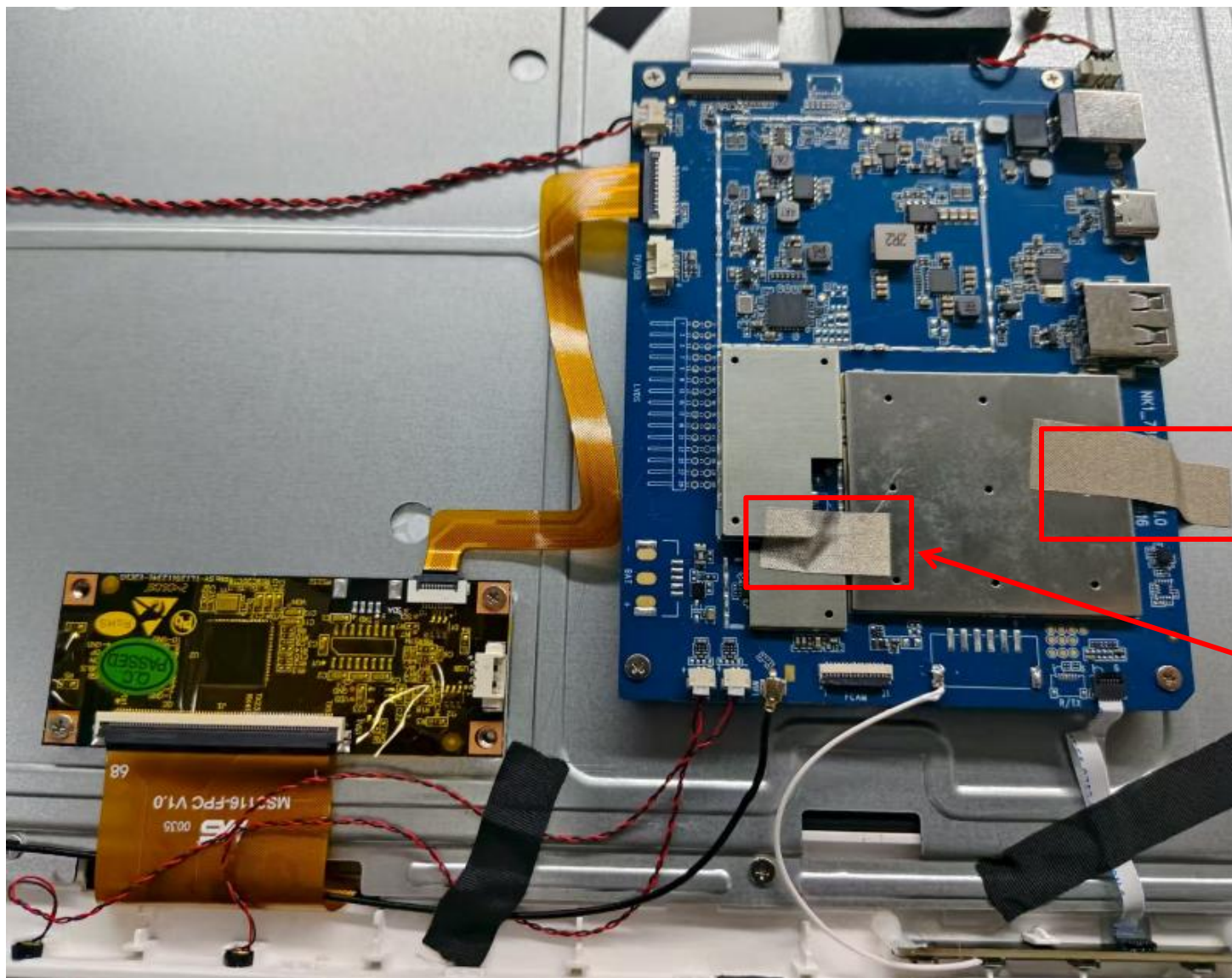
2.3 WIFI Antenna TRP/TIS

3. Conclusions

1. Product Overview



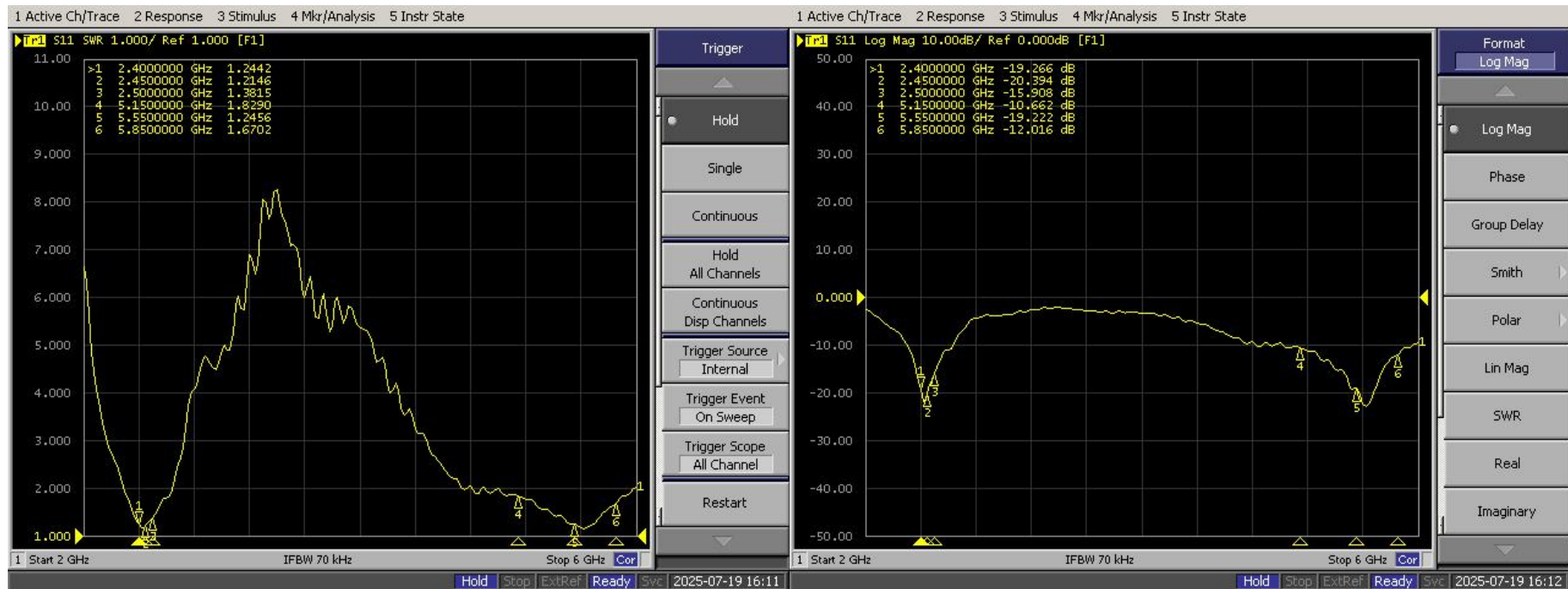
1. Product Overview



如图所示：
屏蔽罩贴
导电布拉
至锡合金
接地处理！

2. Test Result

2.1 WIFI MAIN Antenna VSWR/S11

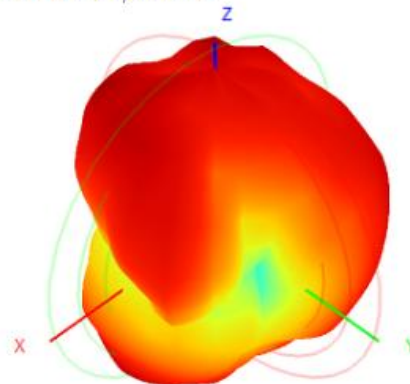


2. Test Result

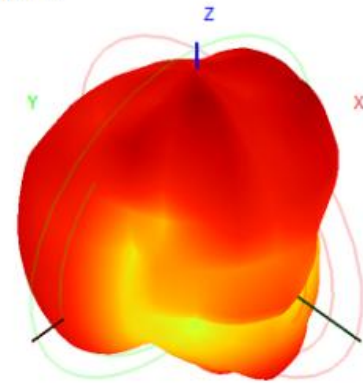
2.2 WIFI MAIN Antenna Gain/Efficiency/3D DATA

Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
2400	-3.02	2.39	49.85
2410	-2.88	2.31	51.51
2420	-2.61	2.50	54.89
2430	-2.53	2.60	55.82
2440	-2.53	2.31	55.80
2450	-2.54	2.53	55.73
2460	-2.32	2.75	58.56
2470	-2.59	2.71	55.08
2480	-2.50	3.05	56.25
2490	-2.46	3.30	56.76
2500	-2.51	3.32	56.13
5150	-4.37	3.16	36.58
5250	-3.79	3.77	41.77
5350	-3.23	3.18	47.53
5450	-3.04	2.89	49.65
5550	-3.49	3.51	44.79
5650	-3.06	3.69	49.41
5750	-2.96	3.63	50.58
5850	-2.31	3.95	58.69

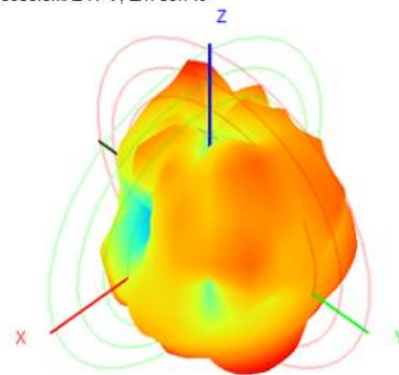
2450.0MHz H+V, Eff: 55.7%



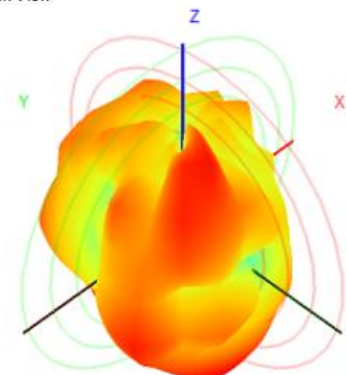
Back View



5850.0MHz H+V, Eff: 58.7%



Back View



2. Test Result

2.5 WIFI Antenna TRP/TIS

WIFI有源测试			
频段	1	6	11
B-TRP-11MBps	13.49	14.28	13.65
B-TIS-11MBps	-79.16	-80.07	-79.98
G-TRP-54MBps	12.14	12.37	12.58
G-TIS-54MBps	-69.37	-69.18	-69.57
N-TRP-MCS7	11.84	12.28	12.07
N-TIS-MCS7	-64.73	-64.82	-64.95
频段	36	149	165
A-TRP-54MBps	9.14	8.51	8.27
A-TIS-54MBps	-71.56	-70.46	-70.31



3. Conclusions

Thank you