

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: WF8386T

Product: WIFI

Report date: 2024-06-14

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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

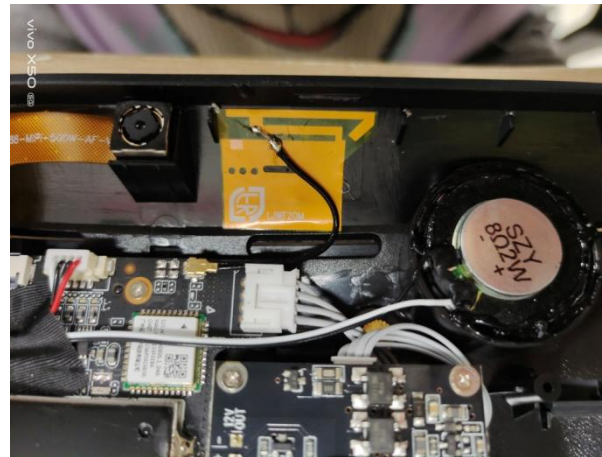
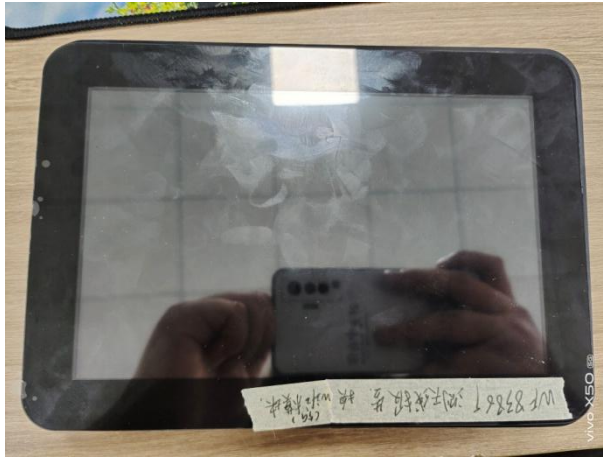
2.2 Antenna Parameters

2.3 WIFI Antenna TRP/TIS

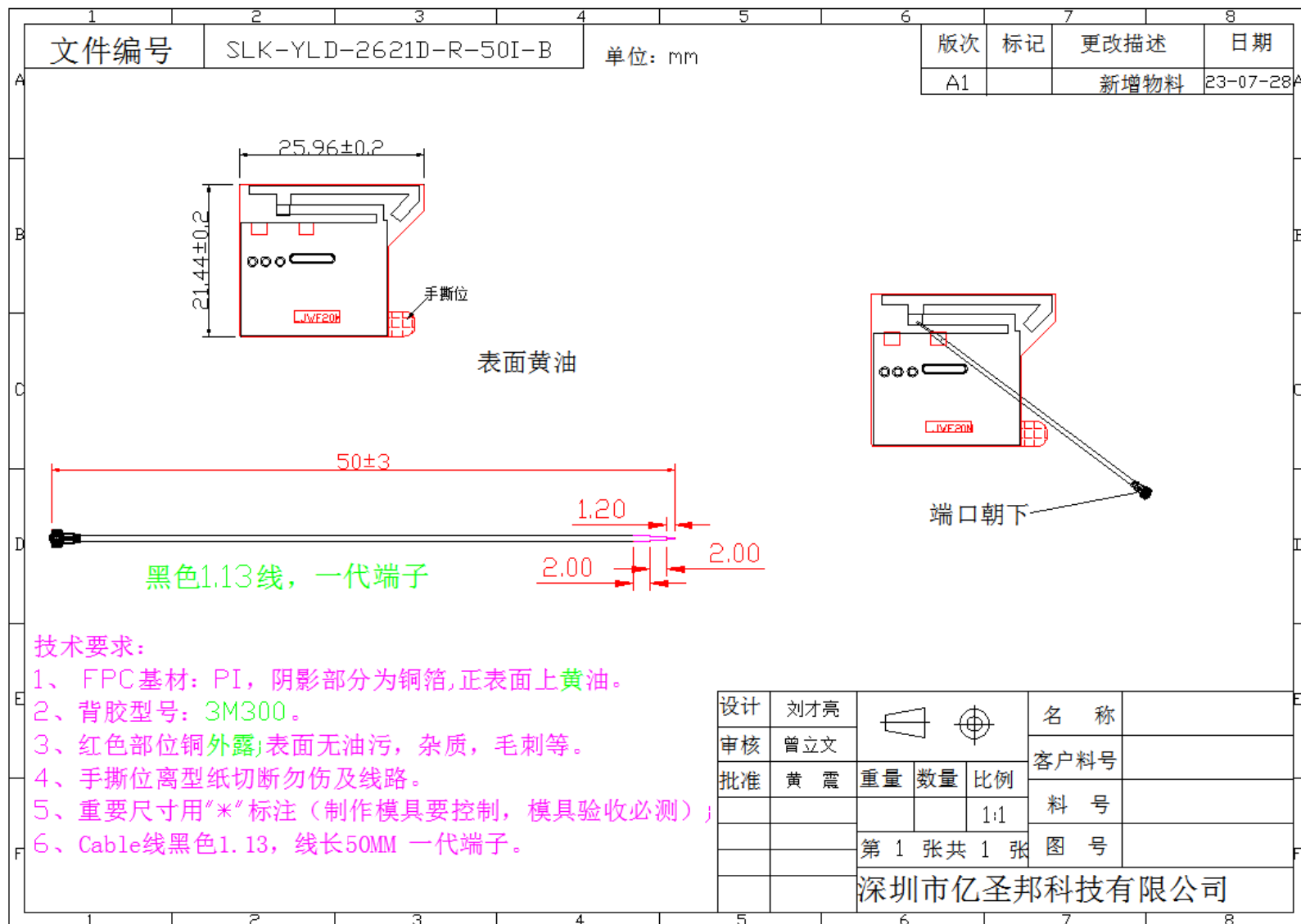
2.4 WIFI Antenna Gain/Efficiency/3D DATA

3. Conclusions

1. Product Overview

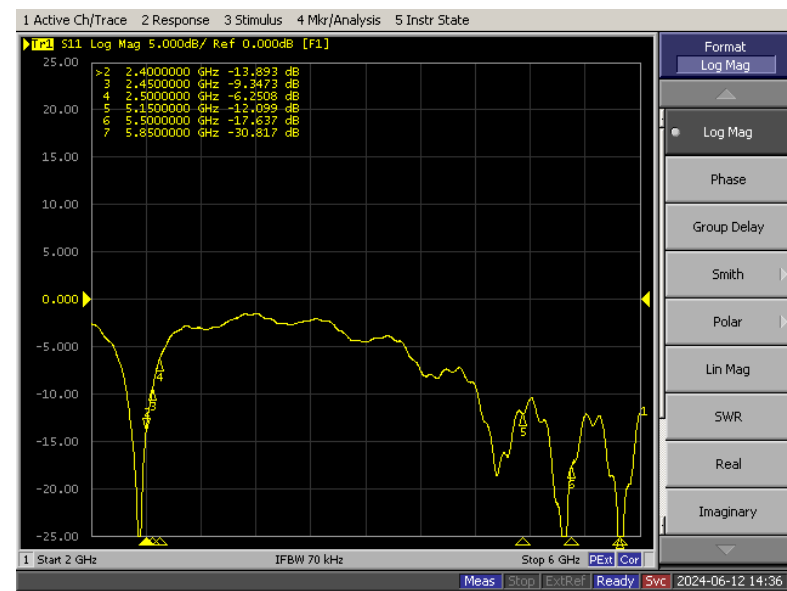
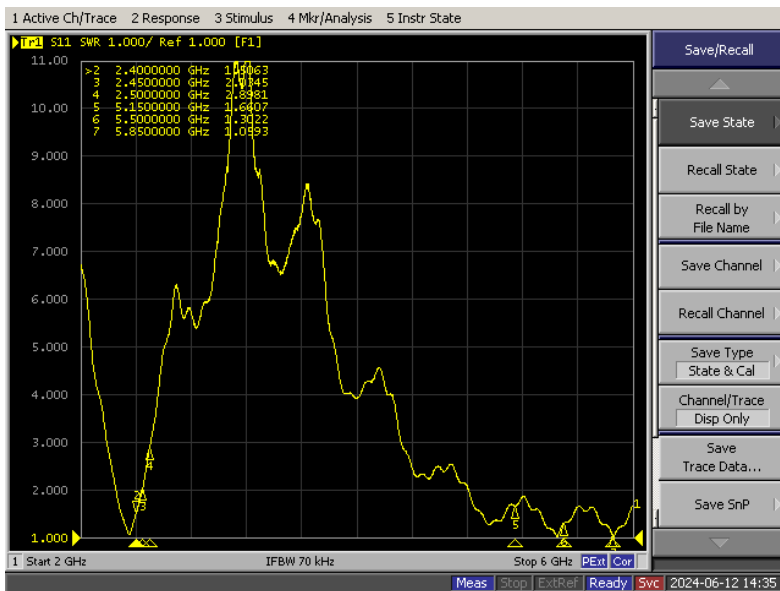


1. Product Overview



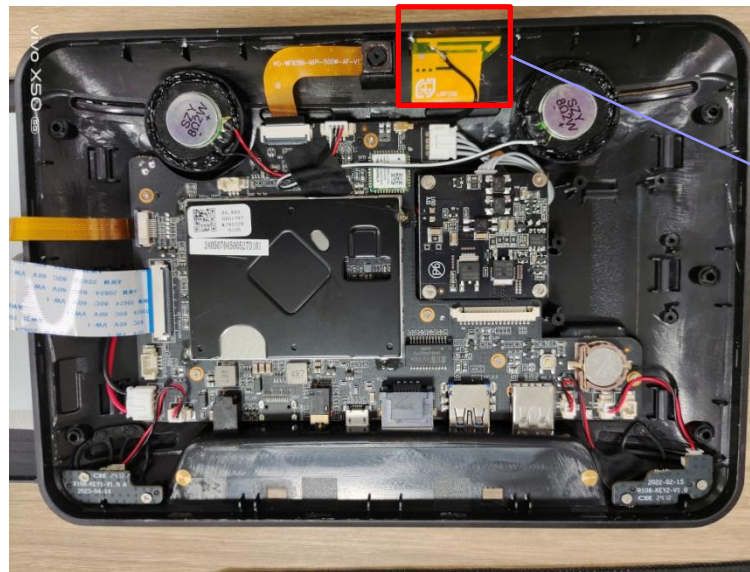
2. Test Result

2.1 VSWR/S11



2. Test Result

2.2 Antenna Parameters



WIFI

2. Test Result

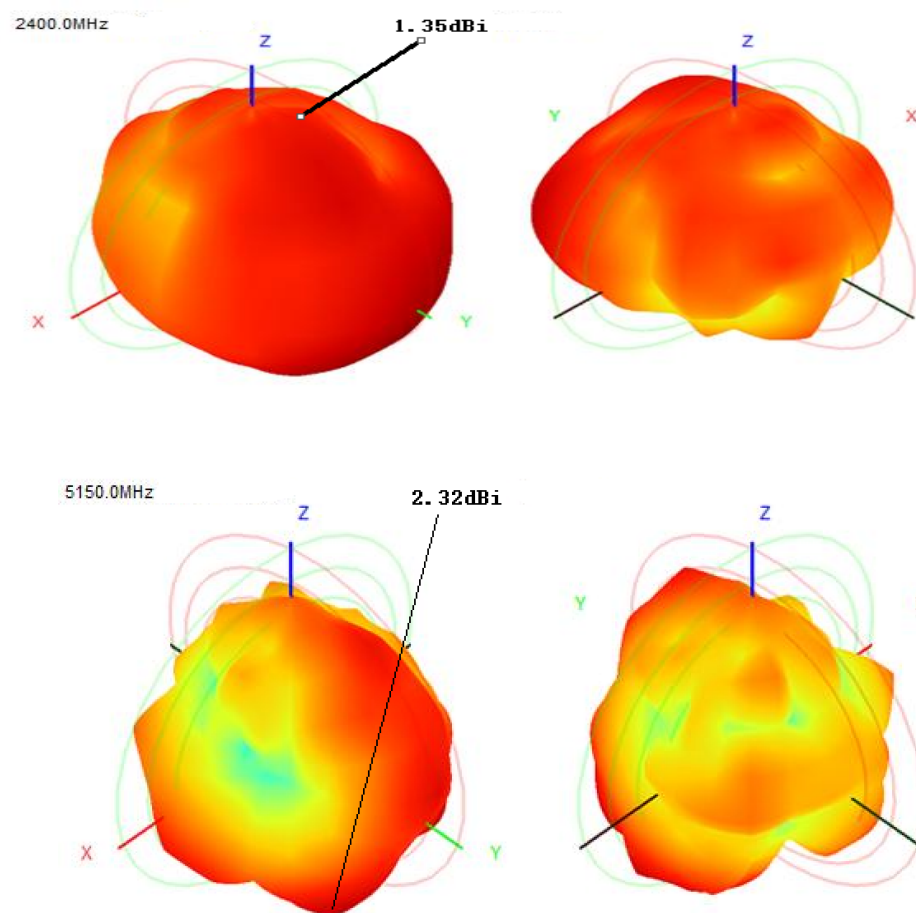
2.3 WIFI Antenna TRP/TIS

WIFI有源测试			
频段	1	6	11
B-TRP-11MBps	12.8	13.16	15.25
B-TIS-11MBps	-82.91	-81.43	-80.25
G-TRP-54MBps	12.55	12.24	11.88
G-TIS-54MBps	-70.14	-70.81	-68.43
N-TRP-MCS7	12.8	12.27	11.86
N-TIS-MCS7	-70.74	-70.96	-68.49
频段	36	149	165
A-TRP-54MBps	9.1	10.27	9.18
A-TIS-54MBps	-66.59	-68.86	-68.23

2. Test Result

2.4 WIFI Antenna Gain/Efficiency/3D DATA

Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
2400	-4.54	1.35	35.13
2410	-4.51	1.35	35.42
2420	-4.13	1.82	38.68
2430	-4.45	1.56	35.86
2440	-4.60	1.18	34.71
2450	-4.81	0.92	33.01
2460	-4.35	1.27	36.77
2470	-5.13	0.28	30.70
2480	-5.48	0.28	28.32
2490	-5.48	0.47	28.33
2500	-5.53	0.43	27.98
5150	-3.12	2.32	48.73
5250	-3.20	2.45	47.82
5450	-2.37	2.24	57.95
5850	-1.62	2.75	68.85



2. Conclusions

谢谢！