

Antenna SPECIFICATION

Shenzhen Yishengbang Technology Co., Ltd Antenna Test Report

Manufacturer: SHENZHEN ELECTRON TECHNOLOGY CO., LTD.

Address: Bld.2, Yingfeng Industrial Zone, Tantou Community, Songgang Street, Bao'an, Shenzhen, China

Customer: YI LAI DUN

Project: WF2489(R153)

Product: WIFI

Report date: 2025-5-7

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Purpose

This report is to measure the performance of SLK for Master Antenna on YI LAI DUN. All measure data are showed below.

Content

1. Product Overview

2. Test Result

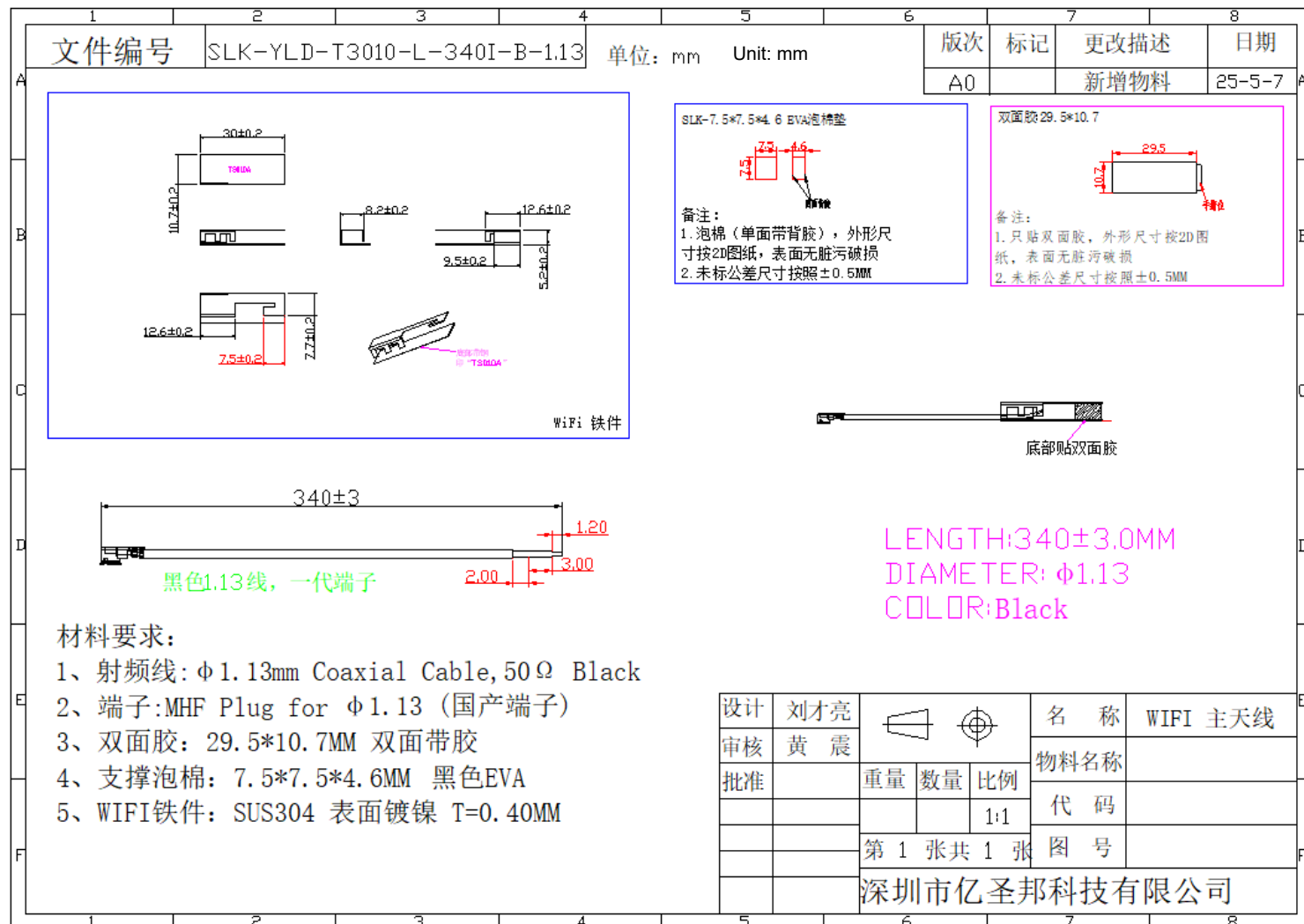
2.1 WIFI Antenna VSWR

2.2 WIFI Antenna TRP/TIS

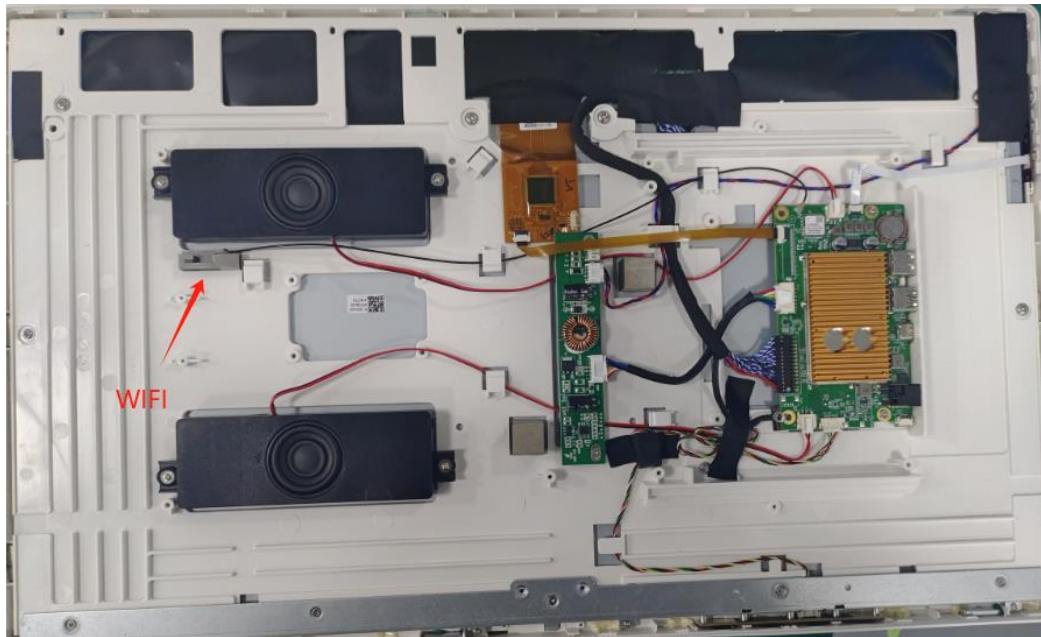
2.3 WIFI Antenna Gain/Efficiency/3D DATA

3. Conclusions

1. Product Overview

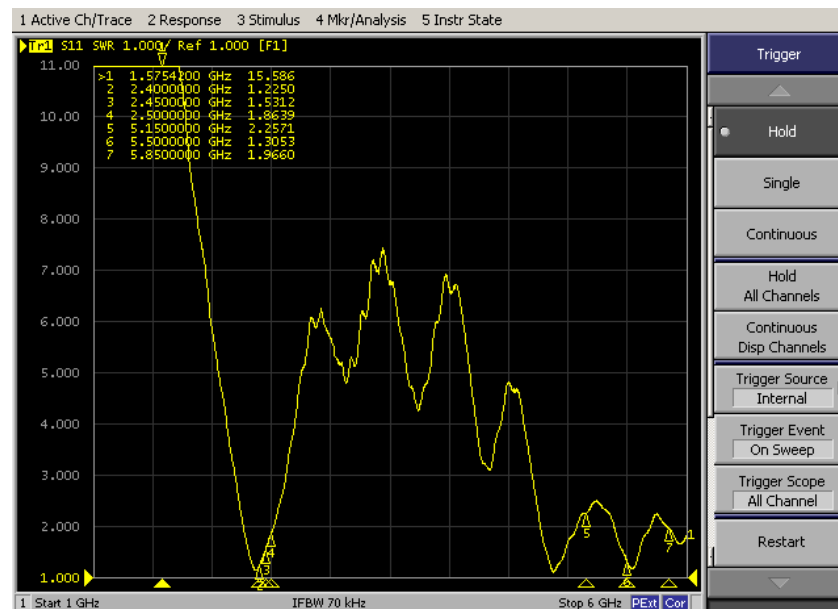
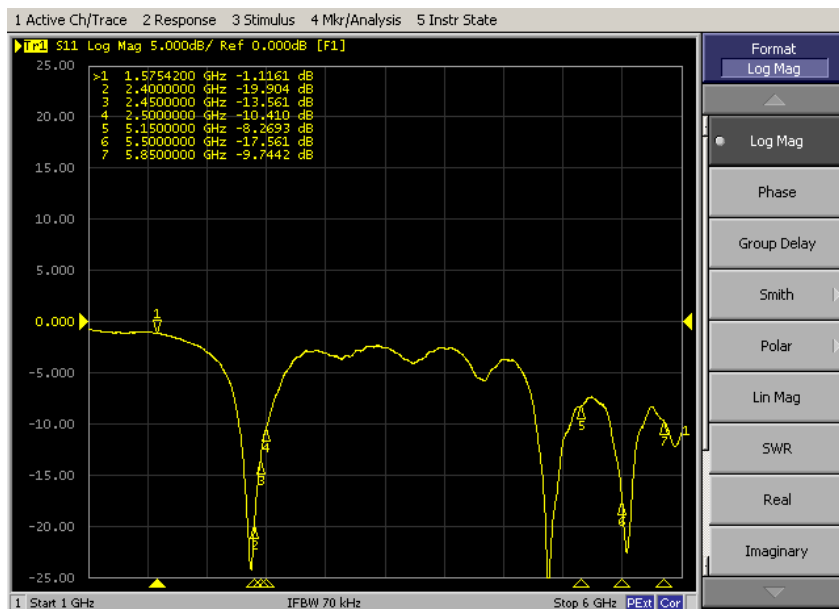


1. Product Overview



2. Test Result

2.1 WIFI AUX Antenna VSWR



2. Test Result

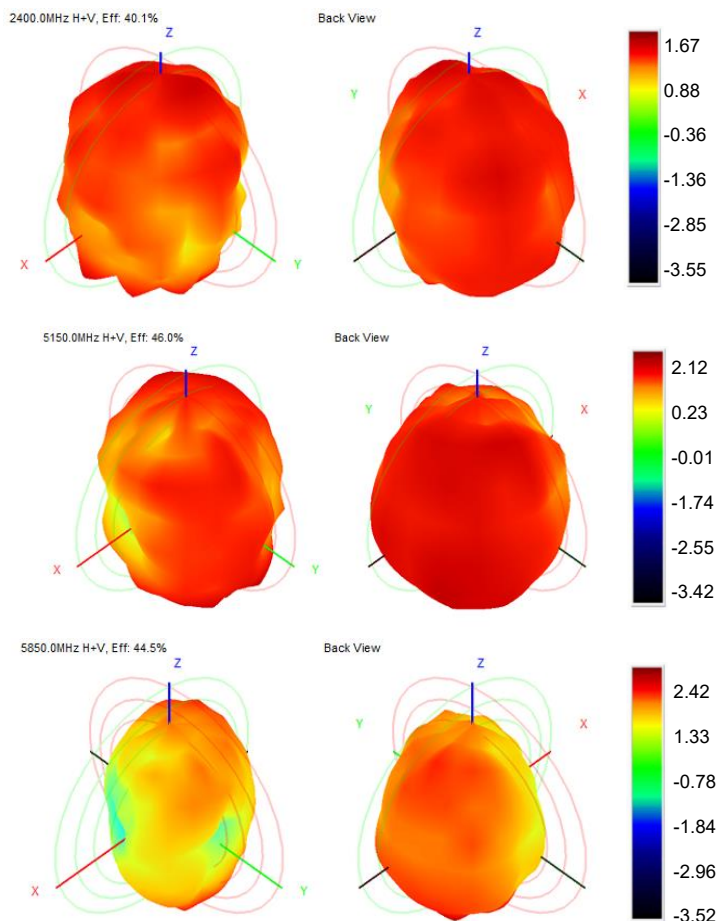
2.2 WIFI Antenna TRP/TIS

WIFI有源测试			
频段	1	6	11
B-TRP-11MBps	15.37	15.47	15.82
B-TIS-11MBps	-80.2	-80.48	-80.75
G-TRP-54MBps	12.04	11.23	12.32
G-TIS-54MBps	-66.71	-66.53	-66.48
N-TRP-MCS7	12.35	11.45	12.26
N-TIS-MCS7	-63.31	-63.28	-63.59
频段	36	149	165
A-TRP-54MBps	10.17	10.3	9.85
A-TIS-54MBps	-69.48	-68.17	-68.75

2. Test Result

2.3 WIFI AUX Antenna Gain/Efficiency/3D DATA

Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
2400	-3.97	1.67	40.08
2410	-3.58	1.13	43.83
2420	-3.67	1.36	42.88
2430	-3.86	1.03	41.09
2440	-3.71	1.08	42.51
2450	-3.81	1.37	41.60
2460	-3.81	1.63	41.55
2470	-3.94	1.12	40.33
2480	-3.80	1.49	41.68
2490	-3.69	1.74	42.73
2500	-3.89	1.44	40.77
5150	-3.37	2.12	46.01
5350	-3.40	2.18	45.70
5550	-3.39	2.71	45.78
5850	-3.51	2.42	44.54



3. Conclusions

谢谢！

Manufacturer: Shenzhen Yi Sheng Bang technology Co., LTD
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