

Antenna SPECIFICATION

Shenzhen Yishengbang Technology Co., Ltd

Customer: YI LAI DUN

Project: FA158AT

Product: WIFI

Report date: 2025-2-13

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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

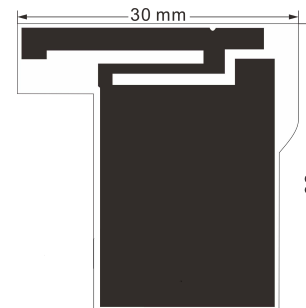
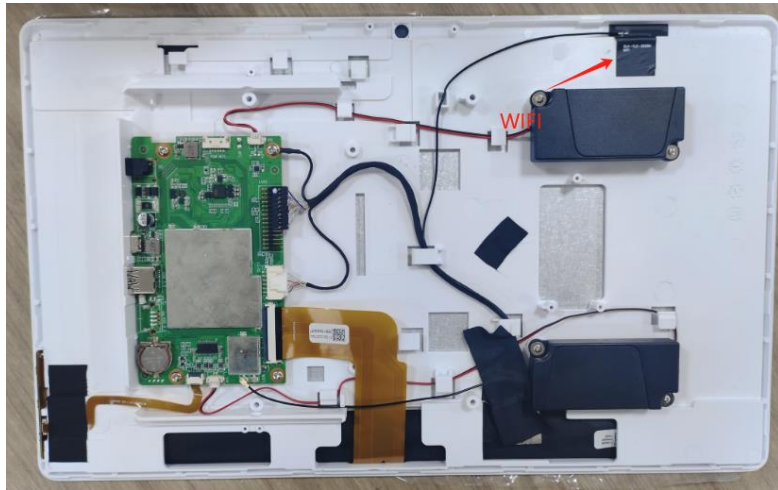
2.2 WIFI Antenna TRP/TIS

2.3 WIFI Antenna Gain/Efficiency/3D DATA

3. Conclusions

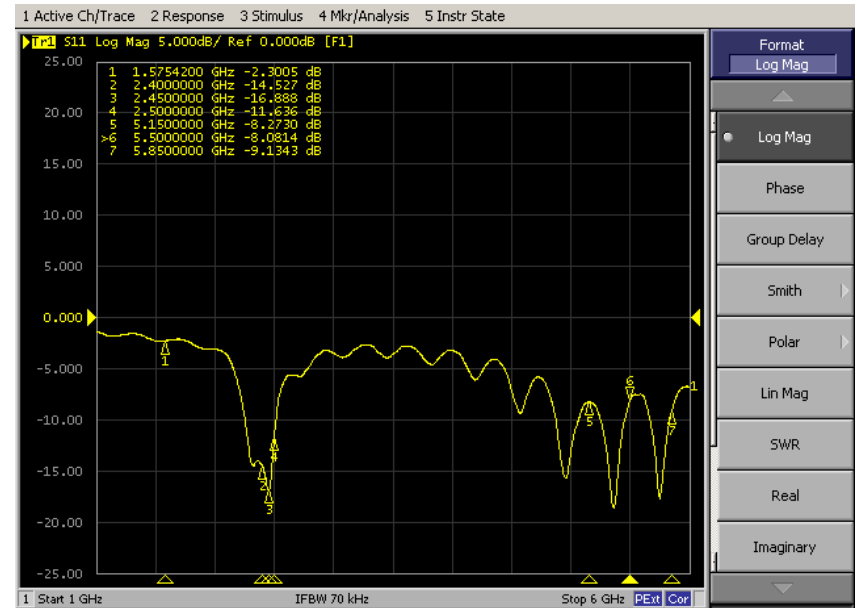
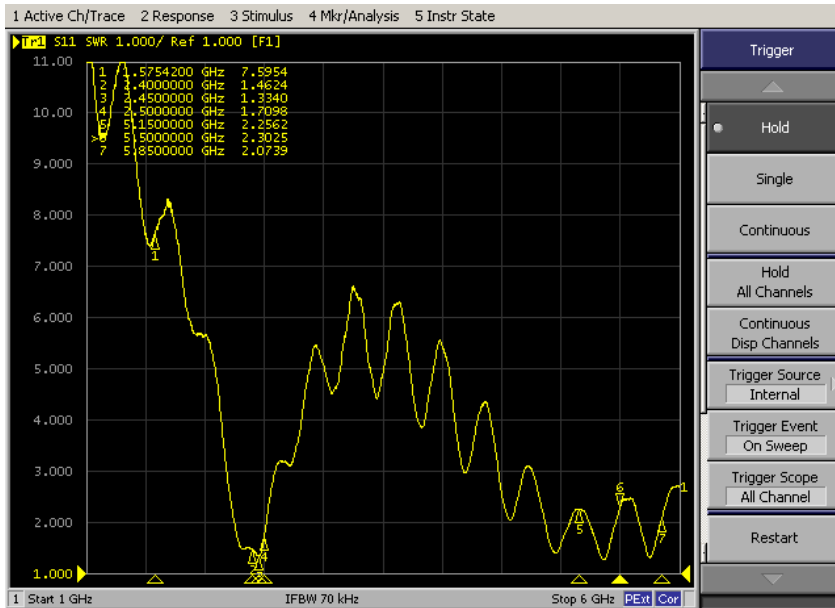
Manufacturer: Shenzhen Yi Sheng Bang technology Co., LTD
Adress: 2nd Floor, No. 5, Yinyuan Street, Jiaoyitang, Tangxia Town, Dongguan City

1. Product Overview



2. Test Result

2.1 WIFI 1 Antenna VSWR



2. Test Result

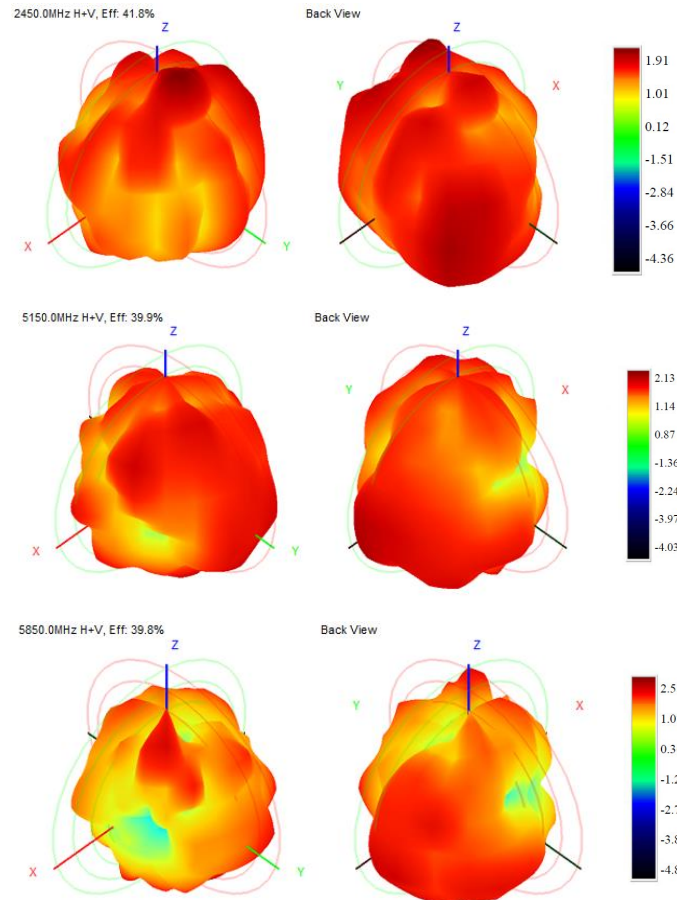
2.2 WIFI Antenna TRP/TIS

WIFI有源测试			
频段	1	6	11
B-TRP-11Mbps	13.56	12.59	11.4
B-TIS-11Mbps	-79.14	-80.15	-80.32
G-TRP-54Mbps	13.7	13.56	12.73
G-TIS-54Mbps	-66.67	-66.9	-66.51
N-TRP-MCS7	13.68	13.55	12.69
N-TIS-MCS7	-64.7	-64.59	-64.55
频段	36	149	165
A-TRP-54Mbps	10.96	13.96	14.28
A-TIS-54Mbps	-69.98	-70.69	-70.12

2. Test Result

2.3 WIFI 1 Antenna Gain/Efficiency/3D DATA

Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
2400	-3.80	1.22	41.60
2410	-3.60	1.46	43.65
2420	-3.62	1.85	43.36
2430	-3.74	1.25	42.18
2440	-3.74	1.59	42.24
2450	-3.78	1.91	41.83
2460	-3.87	1.81	41.01
2470	-3.74	1.56	42.17
2480	-3.82	1.24	41.42
2490	-3.81	1.80	41.51
2500	-3.81	1.57	41.54
5150	-3.99	2.13	39.87
5350	-4.11	2.60	38.75
5550	-3.96	2.15	40.18
5850	-4.00	2.51	39.82



3. Conclusions

谢谢！