

深圳市亿圣邦科技有限公司

Shenzhen Yishengbang Technology Co., Ltd Antenna Test Report

Address: Room 101, Building C, Qianwan Hard Technology Industrial Park, Baoan District, Shenzhen

Customer: SHENZHEN ELECTRON TECHNOLOGY CO., LTD.

Project: FA1569

Product: WIFI

Report date: 2025-4-1

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Approved by : 林美财



Purpose

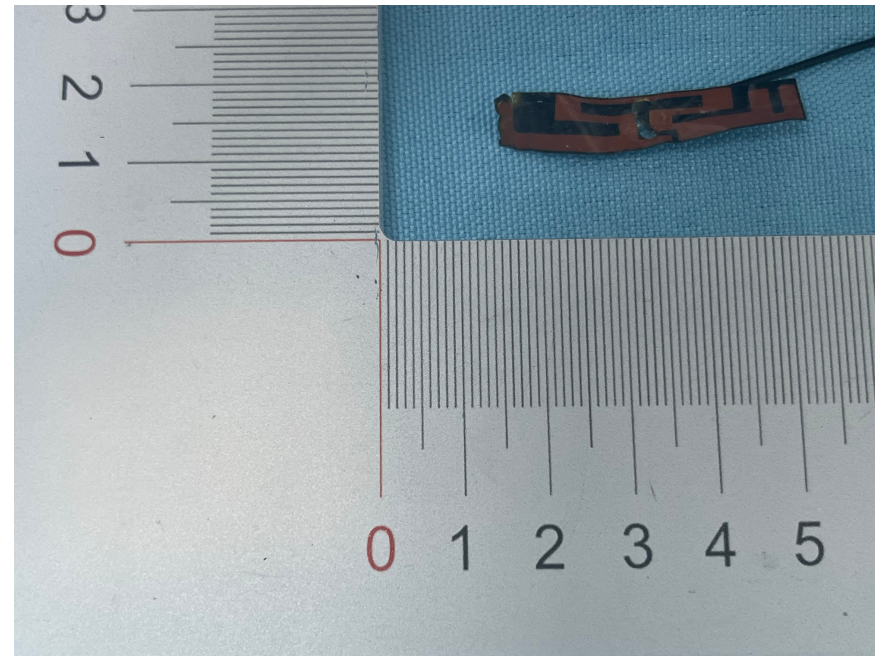
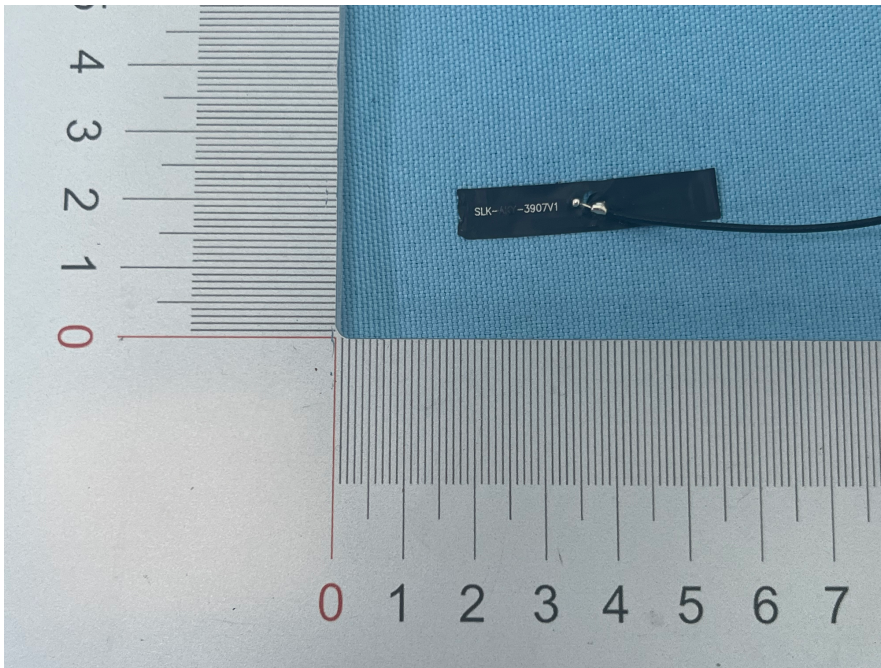
This report is to measure the performance of SLK for Master Antenna on SHENZHEN ELECTRON TECHNOLOGY CO.,LTD. All measure data are showed below.

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1. Product Overview

37mm*8mm

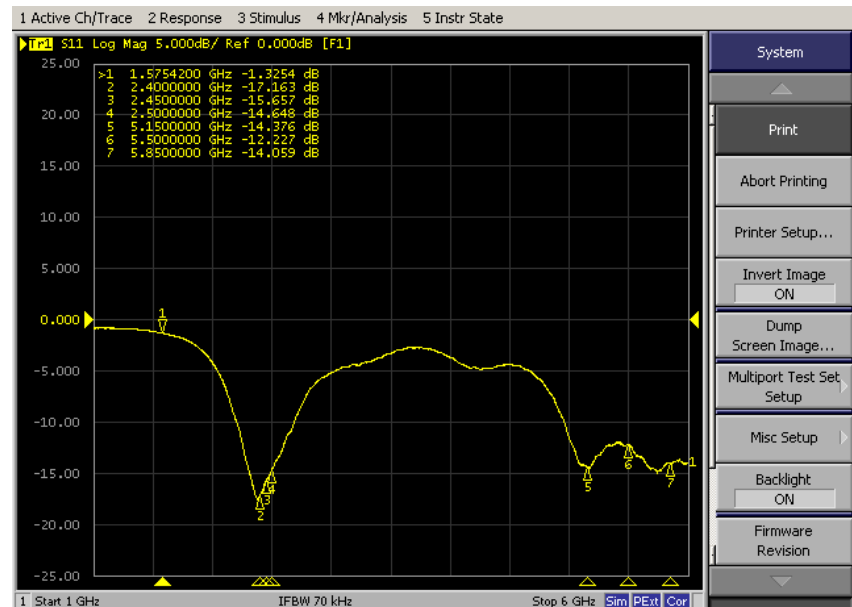
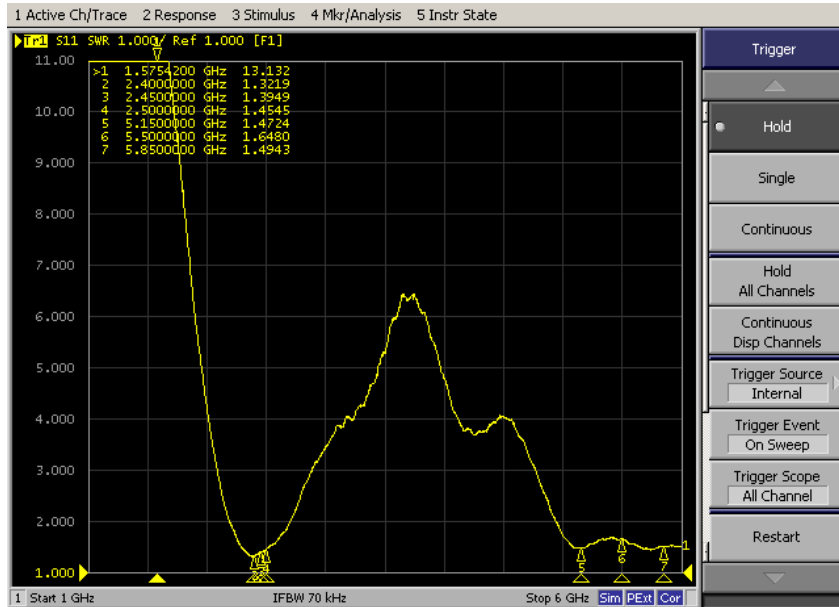


1. Product Overview



2. Test Result

2.1 WIFI 1 Antenna VSWR



2. Test Result

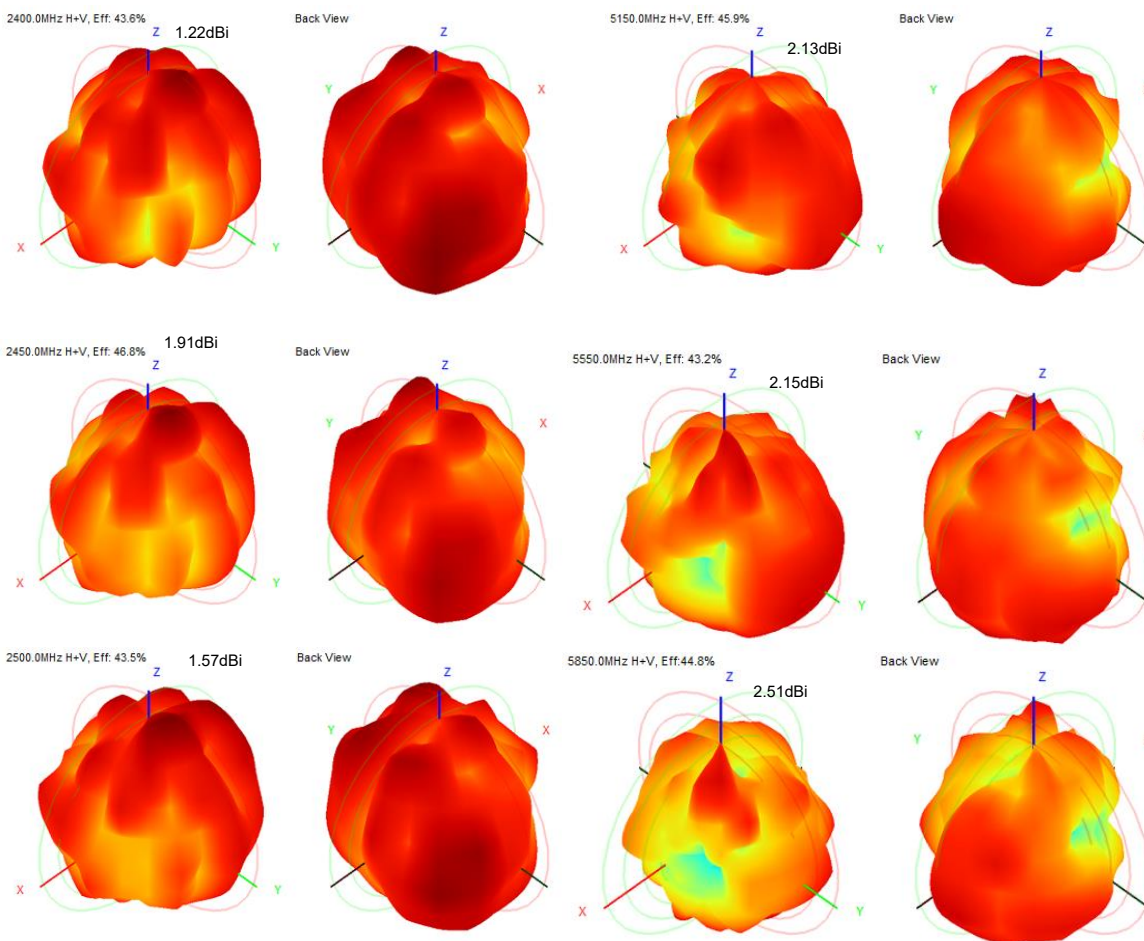
2.2 WIFI Antenna TRP/TIS

WIFI有源测试			
频段	1	6	11
B-TRP-11Mbps	14.94	16.04	16.99
B-TIS-11Mbps	-80.22	-78.96	-80.21
G-TRP-54Mbps	13.06	12.63	14.74
G-TIS-54Mbps	-67.99	-65.69	-65.26
N-TRP-MCS7	12.69	12.61	14.38
N-TIS-MCS7	-64.42	-63.43	-63.9
频段	36	149	165
A-TRP-54Mbps	11.43	10.25	10.29
A-TIS-54Mbps	-70.6	-68.3	-68.15

2. Test Result

2.3 WIFI Antenna Gain/Efficiency/3D DATA

Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
2400	-3.81	1.22	43.60
2410	-3.60	1.46	43.65
2420	-3.34	1.85	46.36
2430	-3.26	1.25	47.18
2440	-3.26	1.59	47.24
2450	-3.29	1.91	46.83
2460	-3.28	1.81	47.01
2470	-3.45	1.56	45.17
2480	-3.33	1.24	46.42
2490	-3.42	1.80	45.51
2500	-3.61	1.57	43.54
5150	-5.25	2.13	45.87
5350	-4.12	2.60	45.75
5550	-3.96	2.15	43.18
5750	-4.12	2.26	44.69
5850	-4.00	2.51	44.82



3. Conclusions

谢谢！