

深圳市亿圣邦科技有限公司

Shenzhen Yishengbang Technology Co., Ltd Antenna Test Report

Customer: 联合光学

Project: E242

Product: WIFI

Report date: 2025-11-03

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Purpose

This report is to measure the performance of SLK for Master Antenna on联合光学.All measure data are showed below.

Content

1. Product Overview

2.Test Result

2.1 WIFI MAIN Antenna VSWR

2.2 WIFI MAIN Antenna Gain/Efficiency/3D DATA

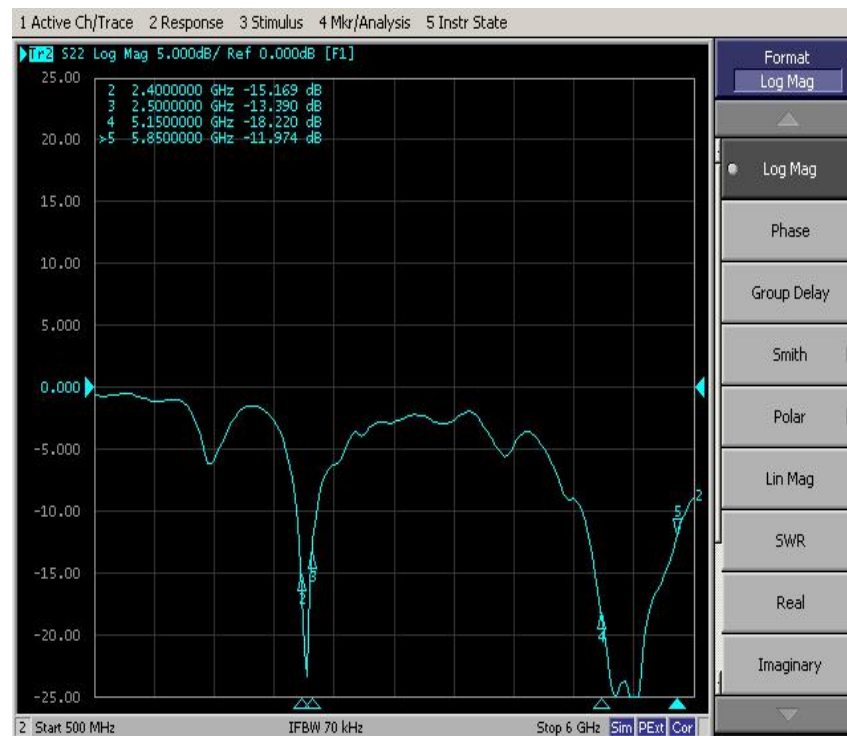
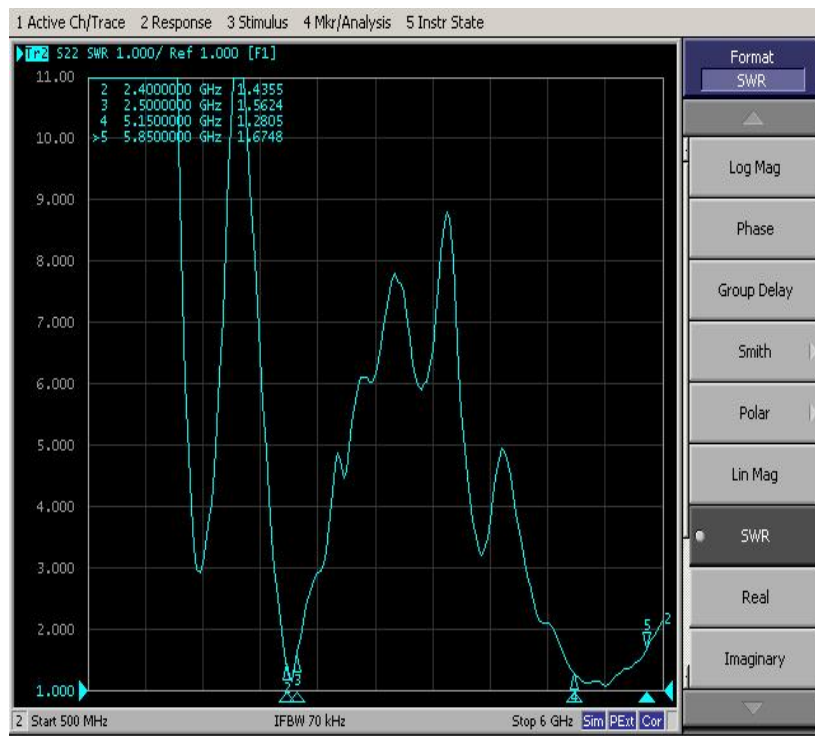
3. Conclusions

1. Product Overview



2. Test Result

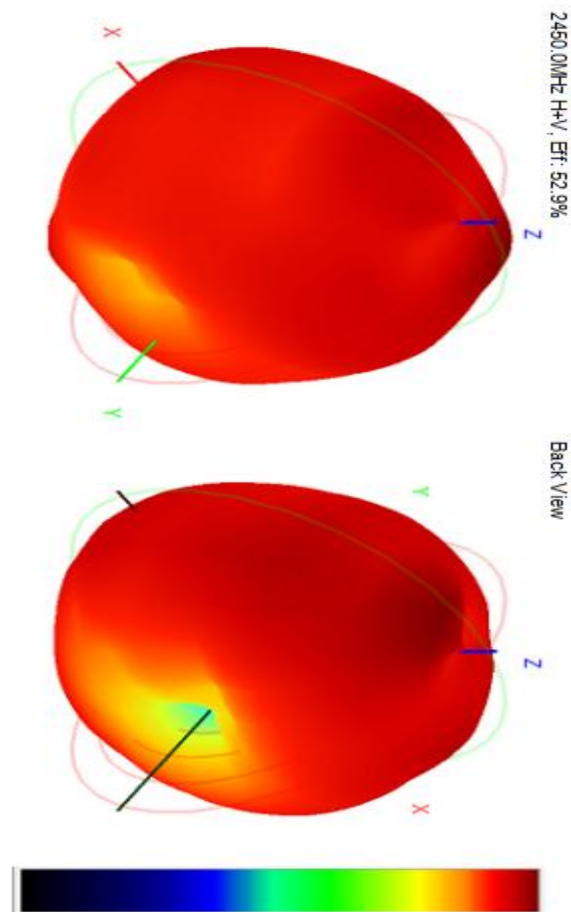
2.1 WIFI MAIN Antenna VSWR



2. Test Result

2.2 WIFI MAIN Antenna Gain/Efficiency/3D DATA

Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
2400.0	-2.98	1.35	50.39
2410.0	-2.77	1.68	52.85
2420.0	-2.72	1.74	53.50
2430.0	-2.72	1.50	53.44
2440.0	-2.81	1.45	52.31
2450.0	-2.76	1.50	52.91
2460.0	-2.55	1.39	55.64
2470.0	-2.82	0.87	52.21
2480.0	-2.84	1.26	52.01
2490.0	-2.88	1.57	51.51
2500.0	-2.89	1.61	51.43



2. Test Result

2.3. WIFI Antenna TRP/TIS

WIFI有源测试			
频段	1	6	11
B-TRP-11MBps	19.45	19.62	19.37
B-TIS-11MBps	-84.18	-84.46	-84.23
G-TRP-54MBps	15.35	15.06	14.35
G-TIS-54MBps	-70.47	-71.04	-71.12
N-TRP-MCS7	15.3	14.86	14.5
N-TIS-MCS7	-66.09	-66.5	-66.92

3. Conclusions

谢谢！