

深圳市亿圣邦科技有限公司

Shenzhen Yishengbang Technology Co., Ltd Antenna Specification

Customer:迈迪杰

Project(ANT NO.): G01RA

Product: WIFI/BT

ANT Type: FPC Antenna

Report date: 2024-07-29

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Purpose

This report is to measure the performance of SLK for Master Antenna on迈迪杰. All measure data are showed below.

Content

1. Product Overview

2. Test Result

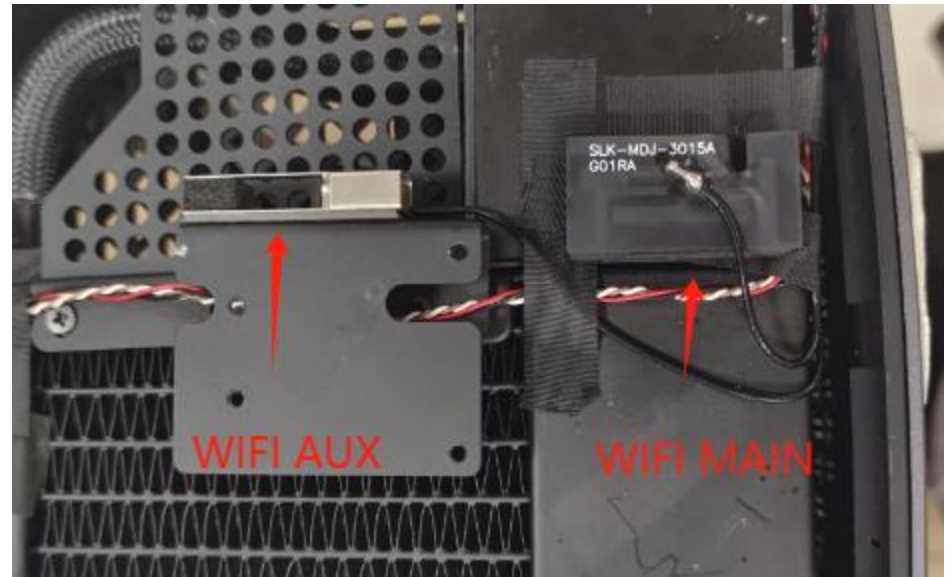
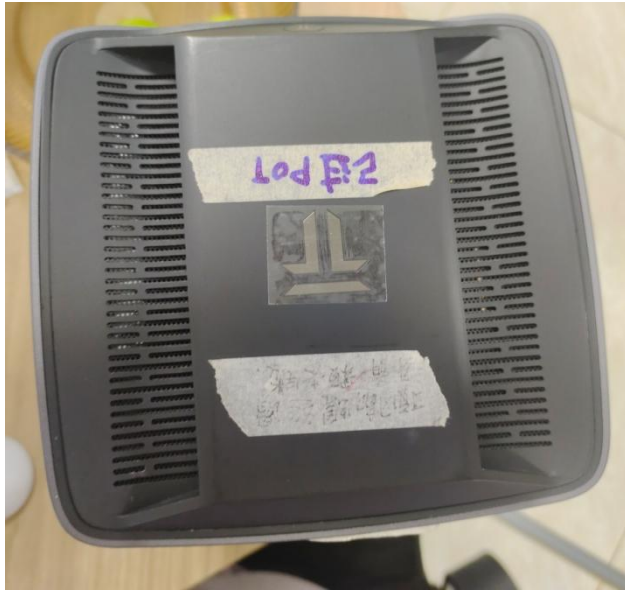
2.1 WIFI MAIN/AUX Antenna VSWR

2.2 WIFI MAIN/AUX Antenna Gain/Efficiency/3D DATA

2.3 WIFI throughput test

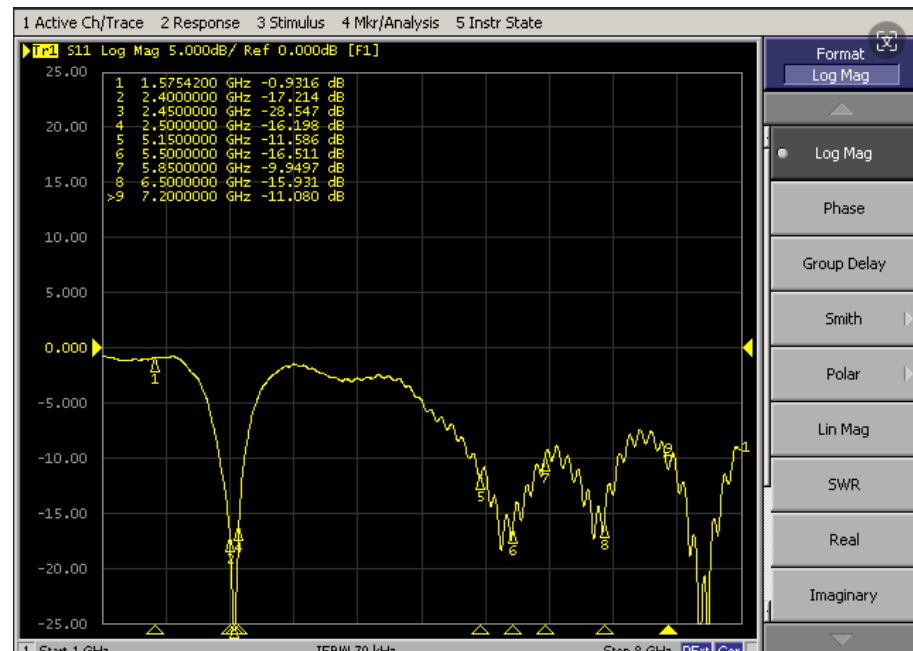
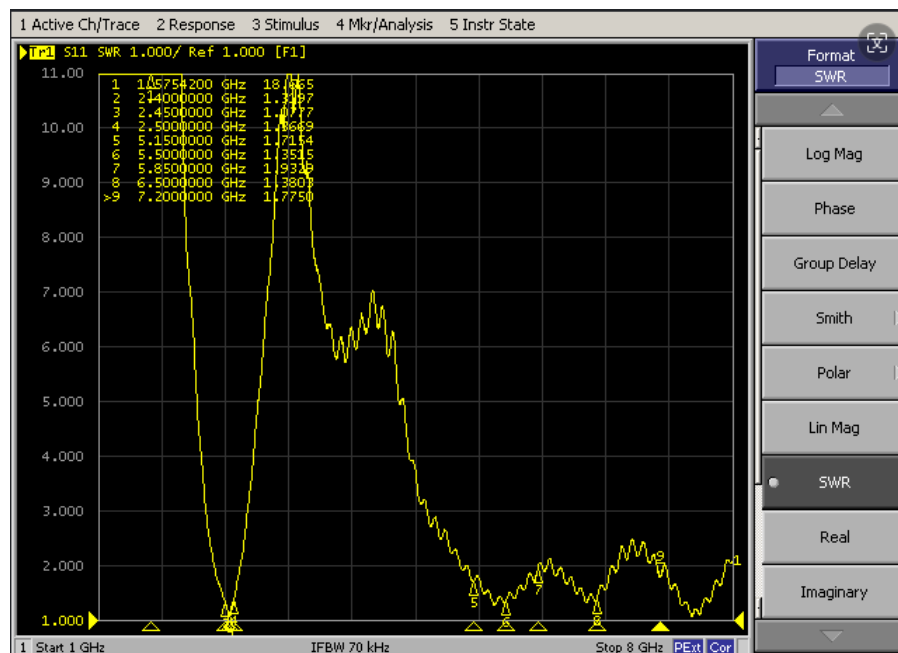
3. Conclusions

1. Product Overview



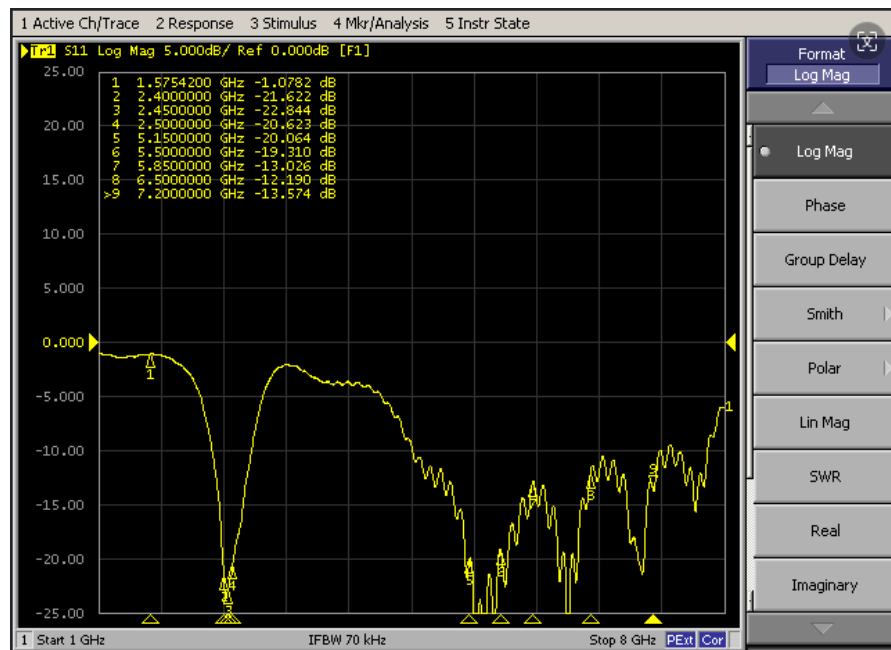
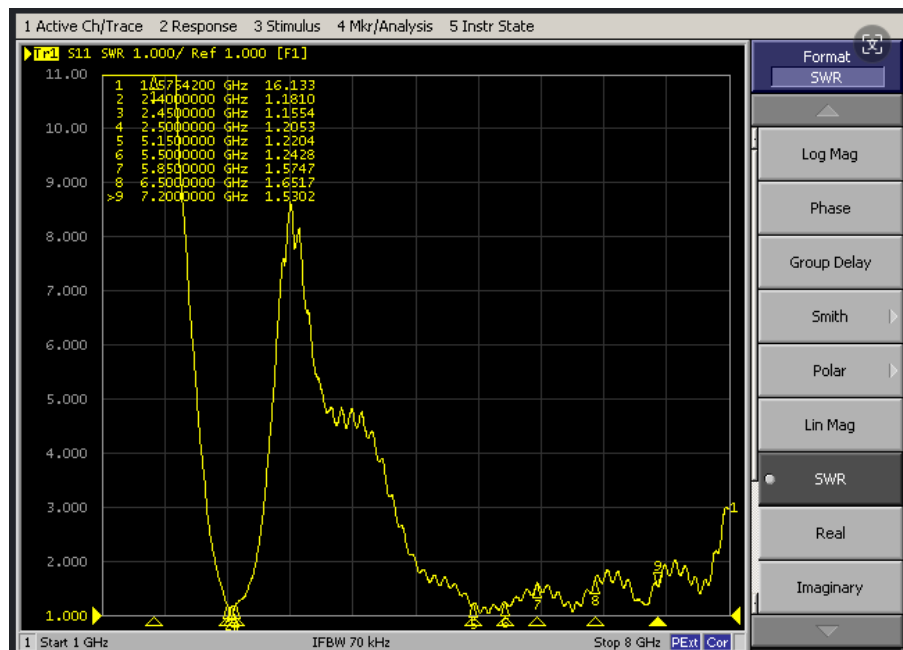
2. Test Result

2.1 WIFI MAIN Antenna VSWR



2. Test Result

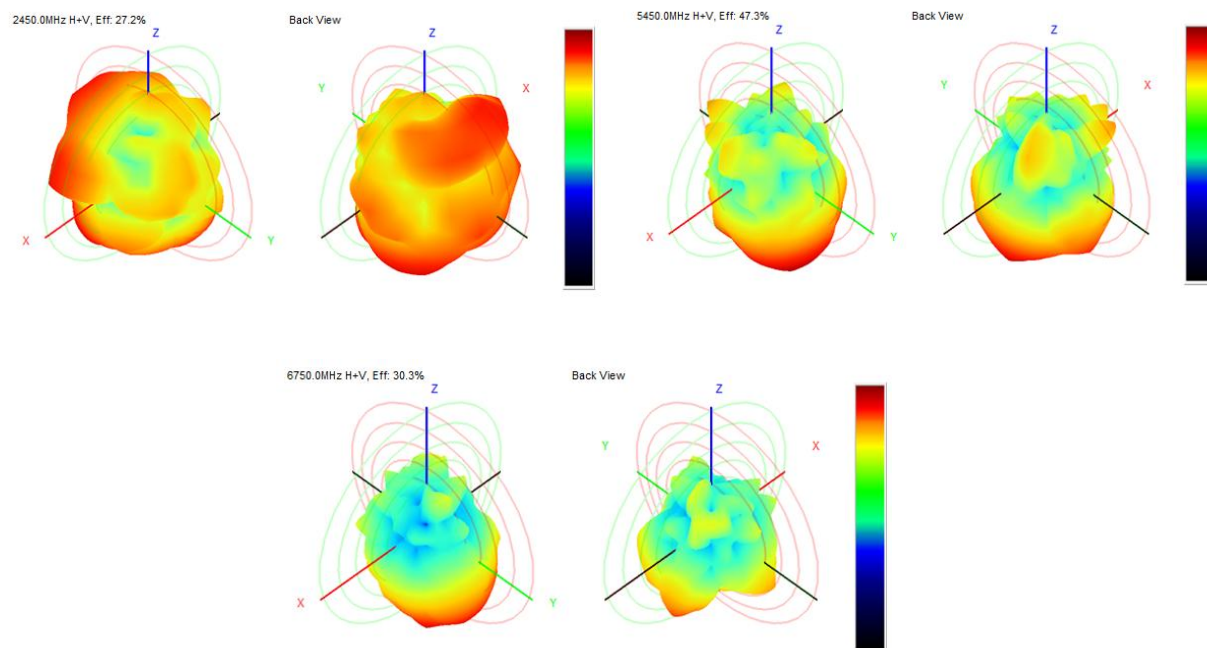
2.1 WIFI AUX Antenna VSWR



2. Test Result

2.2 WIFI MAIN Antenna Gain/Efficiency/3D DATA

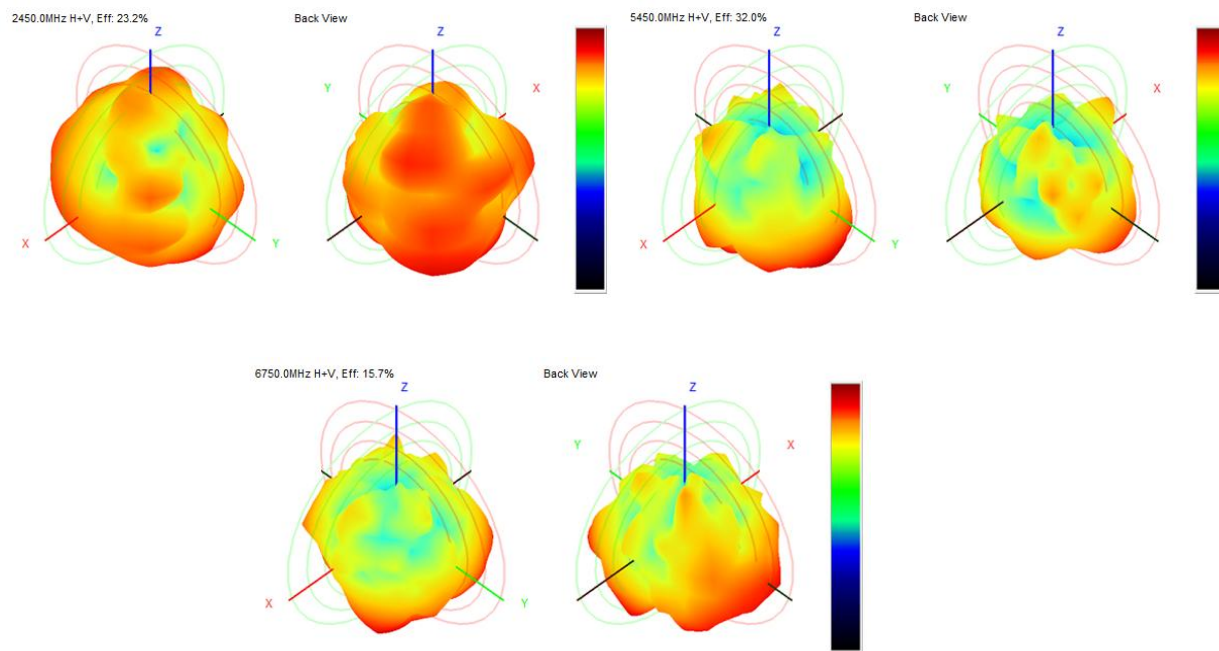
Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
2400	-6.20	1.56	23.97
2410	-6.24	1.86	23.76
2420	-6.28	1.82	23.52
2430	-5.92	1.40	25.57
2440	-5.86	1.38	25.96
2450	-5.65	1.43	27.24
2460	-5.39	1.73	28.91
2470	-5.47	1.69	28.40
2480	-5.13	1.94	30.66
2490	-5.17	1.82	30.38
2500	-5.51	1.27	28.12
5150	-5.93	2.71	25.52
5250	-5.33	2.32	29.30
5450	-3.25	2.68	47.28
5850	-3.62	2.36	43.43
6250	-3.34	2.57	46.36
6750	-5.19	2.67	30.29
7150	-7.69	2.89	17.01



2. Test Result

2.2 WIFI AUX Antenna Gain/Efficiency/3D DATA

Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
2400	-6.90	1.80	20.41
2410	-6.94	1.35	20.22
2420	-6.85	1.35	20.64
2430	-6.59	1.79	21.95
2440	-6.37	1.86	23.07
2450	-6.35	1.29	23.16
2460	-6.05	1.34	24.83
2470	-6.38	1.79	23.01
2480	-6.28	1.89	23.55
2490	-6.26	1.01	23.68
2500	-6.56	1.56	22.09
5150	-5.03	2.92	31.43
5250	-6.56	3.08	22.06
5450	-4.95	2.72	32.01
5850	-4.74	2.67	33.59
6250	-4.82	2.09	32.94
6750	-8.03	2.43	15.74
7150	-7.10	2.62	19.52



2. Test Result

2.3 WIFI throughput test

2.4下载	2.4上传	5G下载	5G上传
261M	228M	867M	839M
	BT上传	BT下载	
	1.26M	1.55M	

3. Conclusions

谢谢！