



Shenzhen Yishengbang Technology Co., LTD

Shenzhen Yishengbang Technology Co., Ltd
Antenna Test Report

Customer:看护家

Project: 640

Product: WIFI Antenna—FPC

Report date: 2025-07-02

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Purpose

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

Content

1. Product Overview

2. Test Result

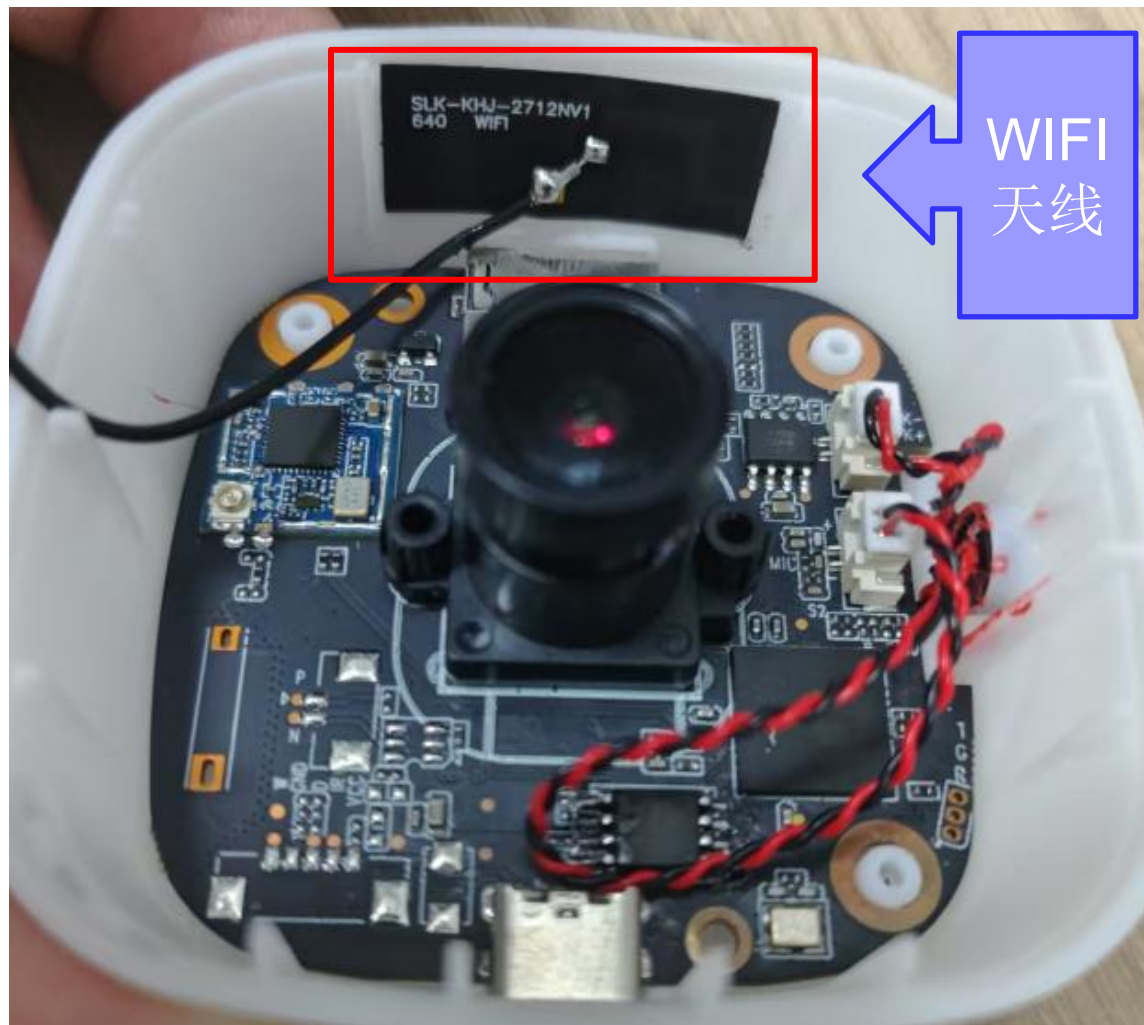
2.1 WIFI Antenna VSWR

2.2 WIFI Antenna Gain/Efficiency/3D DATA

2.3 WIFI Antenna TRP/TIS

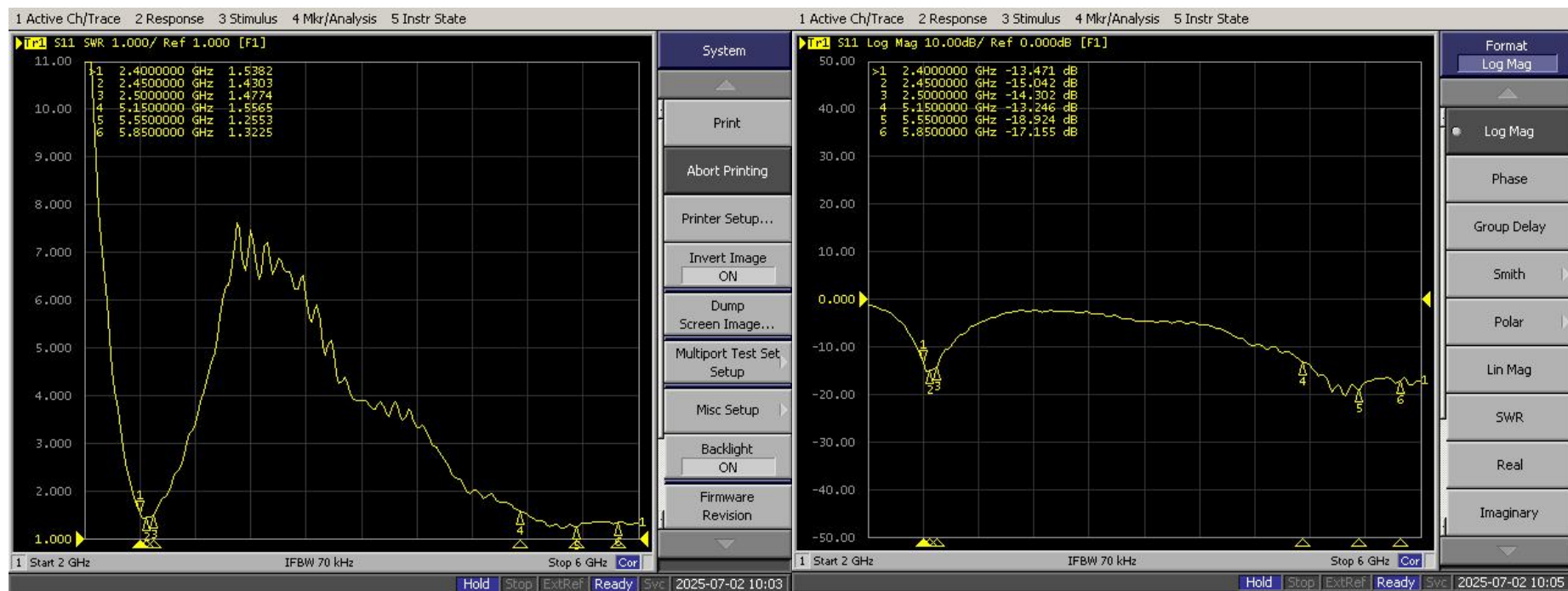
3. Conclusions

1. Product Overview



2. Test Result

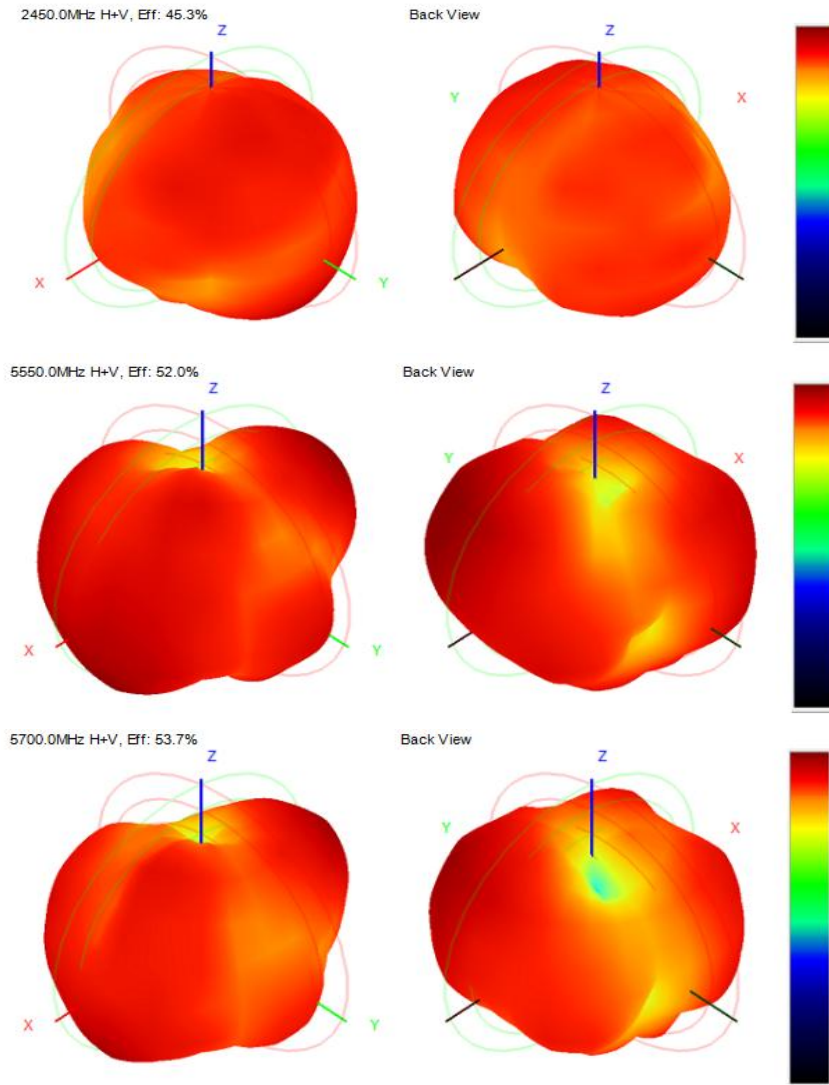
2.1 WIFI Antenna VSWR



2. Test Result

2.2 WIFI Antenna Gain/Efficiency/3D DATA

Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
2400.0	-3.93	1.39	45.41
2410.0	-3.74	1.81	46.23
2420.0	-3.87	1.88	45.06
2430.0	-3.66	2.27	47.06
2440.0	-3.90	2.15	45.72
2450.0	-3.84	2.10	45.27
2460.0	-3.98	2.27	45.04
2470.0	-3.94	2.12	45.39
2480.0	-3.82	2.69	45.45
2490.0	-3.88	2.62	45.89
2500.0	-3.94	2.55	45.40
5150.0	-4.21	-0.97	46.92
5350.0	-3.43	0.78	47.42
5550.0	-2.84	1.56	51.97
5750.0	-2.41	4.01	57.35
5800.0	-2.19	4.25	60.42
5850.0	-2.72	3.14	53.43



2. Test Result

2.3 WIFI Antenna TRP/TIS

WiFi OTA Test Result							
状态	制式		速率	测试项	CH	TRP(dBm)	TIS(dBm)
2.4G	WiFi 11b_TRP&TIS	2.4G 11b	TRP 11M TIS 11M	TRP/TIS(3D)	1	17.67	-84.66
					6	18.32	-85.41
					11	18.02	-84.32
	WiFi 11g_TRP&TIS	2.4G 11g	TRP 54M TIS 54M	TRP/TIS(3D)	1	14.91	-71.55
					6	15.25	-72.74
					11	14.5	-70.7
	WiFi 11n_TRP&TIS	2.4G 11n	TRP MCS 7 TIS MCS 7	TRP/TIS(3D)	1	14.78	-67.27
					6	15.31	-68.09
					11	14.48	-66.8
5.8G	WiFi 11a_TRP&TIS	5G 11a	TRP 54M TIS 54M	TRP/TIS(3D)	36	15.61	-72.65
					149	15.24	-73.23
					165	15.76	-73.45



3. Conclusions

Thank you !