

深圳市亿圣邦科技有限公司

The Holy bond Electronics Co., Ltd. Antenna Test Report

Customer: 巨世科技

Project: P156W

Product: WIFI Antenna—FPC

Report date: 2023-09-23

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Approved by :

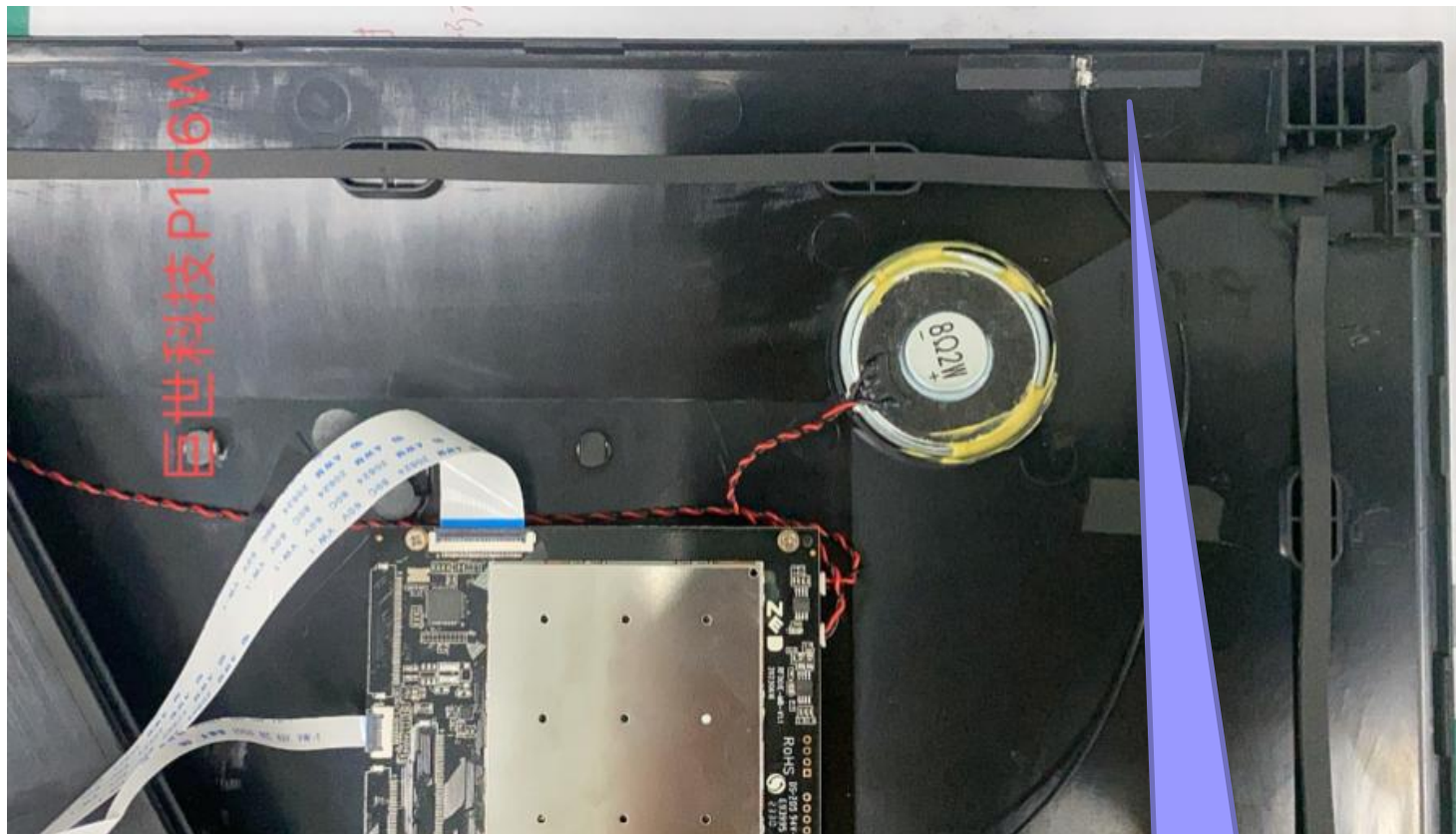
Purpose

This report is to measure the performance of SLK for Master Antenna on巨世科技. All measure data are showed below.

Content

1. Product Overview
2. Test Result
 - 2.1 WIFI Antenna VSWR/S11
 - 2.2 WIFI Antenna Gain/Efficiency/3D DATE
 - 2.3 WIFI Antenna TRP/TIS
3. Conclusions

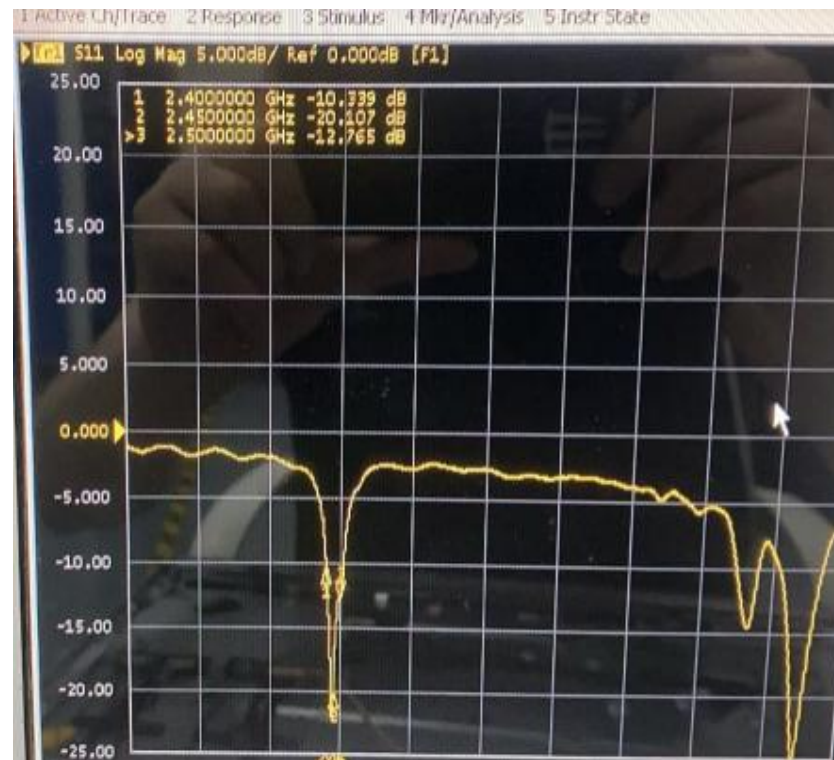
1. Product Overview & Dimension



WIFI-天线

2. Test Result

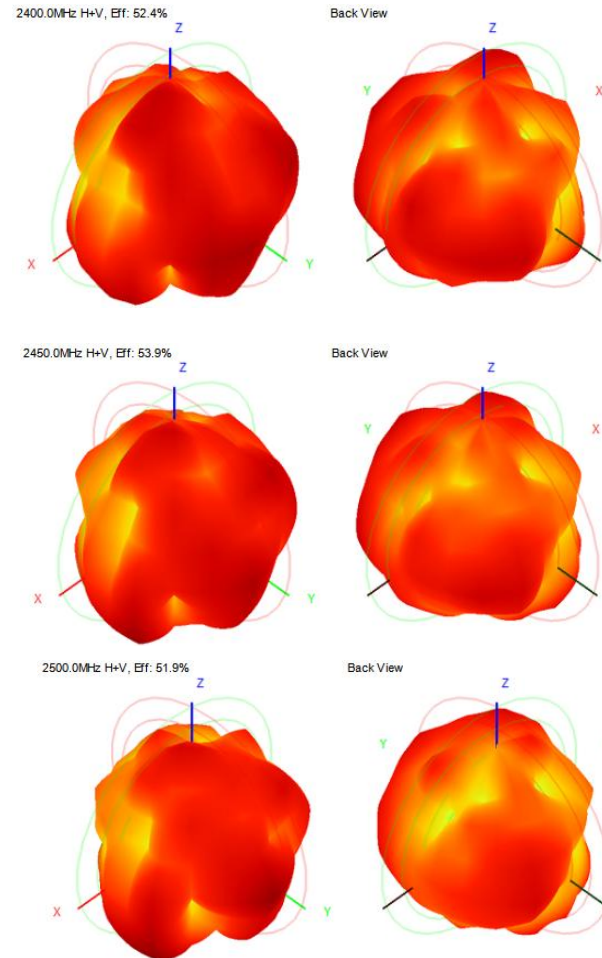
2.1 WIFI Antenna VSWR/S11



2. Test Result

2.2 WIFI Antenna Gain/Efficiency/3D DATE

Frequency	Efficiency	Gain (dBi)	Efficiency (%)
2400.0	-2.81	2.75	52.40
2410.0	-2.67	2.65	54.06
2420.0	-2.62	2.88	54.70
2430.0	-2.46	2.93	56.74
2440.0	-2.62	2.92	54.76
2450.0	-2.68	2.87	53.93
2460.0	-2.62	2.76	54.66
2470.0	-2.83	2.88	52.12
2480.0	-2.68	2.58	53.93
2490.0	-2.72	2.79	53.42
2500.0	-2.85	2.40	51.86



2. Test Result

2.3 WIFI Antenna TRP/TIS

WIFI	CH	功率(54M)	灵敏度 (54M)	WIFI	CH	功率(54M)	灵敏度 (54M)
802.11a	36			802.11g	1	12.8	-69.3
	149				6	12.4	-69.4
	165				11	12.5	-70.2
WIFI	CH	功率(11M)	灵敏度 (11M)	WIFI	CH	功率(MCS7)	灵敏度 (MCS7)
802.11b	1	13.6	-81.5	802.11n	1	12.6	-66.5
	6	13.4	-81.7		6	12.5	-66.1
	11	13.5	-81.8		11	12.3	-66.7



3. Conclusions

Thank you