

深圳市亿圣邦科技有限公司

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

Project:

Product: WIFI Antenna—FPC

Report date: 2022.5.28

Prepared by : 曾立文

Checked by : Eason Huang

Approved by :

Purpose

This report is to measure the performance of SLK for Master Antenna on 科金明. All measure date are showed below.

Content

1. Product Overview

2. Test Result

2.1 WIFI Antenna VSWR/S11

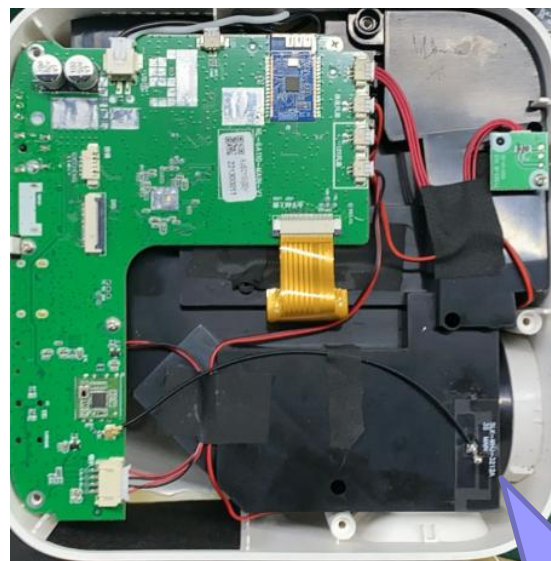
2.2 Antenna Parameters

2.3 WIFI Antenna TRP/TIS

2.4 WIFI Antenna Gain/Efficienc/3D DATE

3. Conclusions

1. Product Overview



WIFI-ANT

2. Test Result

2.1 WIFI Antenna VSWR/S11



2. Test Result

2.2 Antenna Parameters



2. Test Result

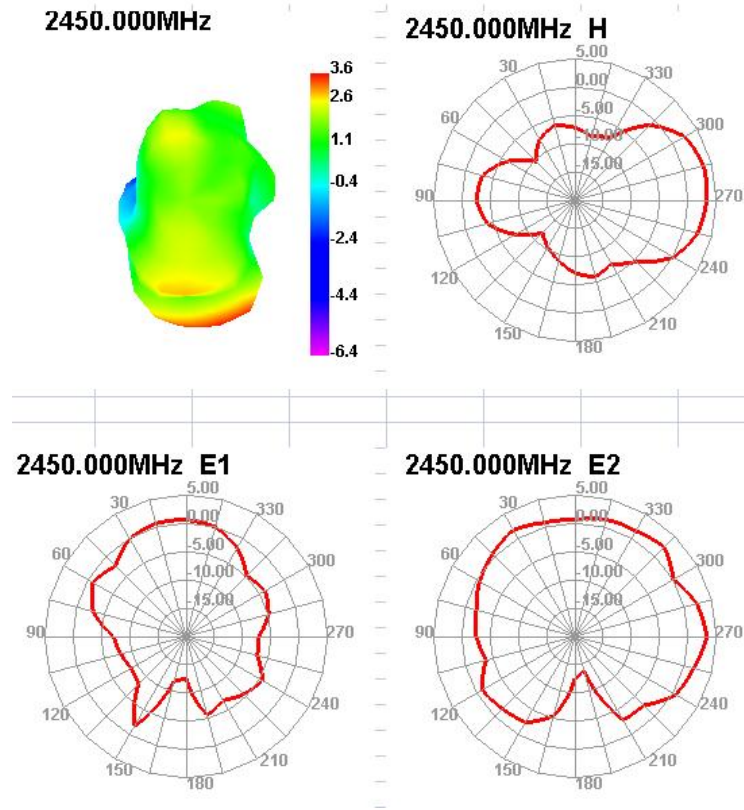
2.3 WIFI Antenna TRP/TIS

WIFI	CH	功率(54M)	灵敏度(54M)	WIFI	CH	功率(54M)	灵敏度(54M)
				802.11g	1	14.55	-65.55
					6	14.64	-66.15
					11	15.16	-66.50
WIFI	CH	功率(11M)	灵敏度(11M)	WIFI	CH	功率(MCS7)	灵敏度(MCS7)
802.11b	1	11.75	-77.58	802.11n	1	13.80	-61.85
	6	11.96	-79.05		6	13.82	-62.69
	11	12.08	-79.52		11	13.15	-63.17

2. Test Result

2.4 WIFI Antenna Gain/Efficiency/3D DATE

wifi 2.4			
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	56.16	-2.51	2.99
2410	58.27	-2.35	3.18
2420	61.33	-2.12	3.48
2430	57.75	-2.38	3.16
2440	60.9	-2.15	3.39
2450	63.41	-1.98	3.57
2460	64.18	-1.93	3.53
2470	55.99	-2.52	2.91
2480	64.92	-1.88	3.62
2490	58.53	-2.33	3.05
2500	67.04	-1.74	3.58



3. Conclusions

Thank you