

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

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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.

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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

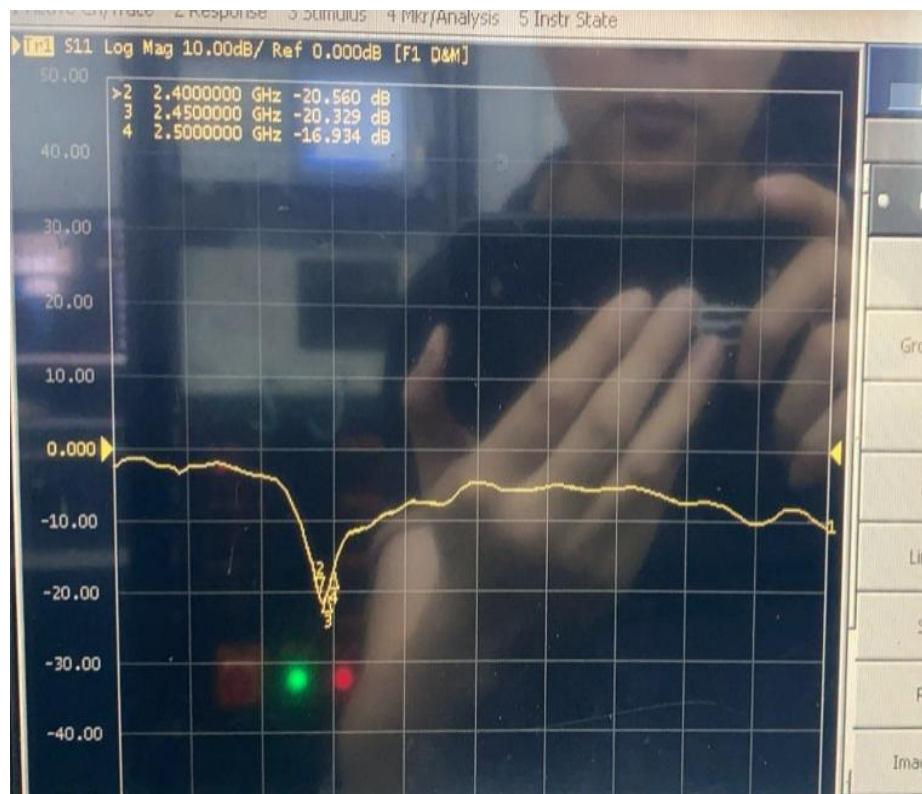
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1. Product Overview



2. Test Result

2.1 WIFI Antenna VSWR/S11



2. Test Result

2.2 Antenna Parameters



2. Test Result

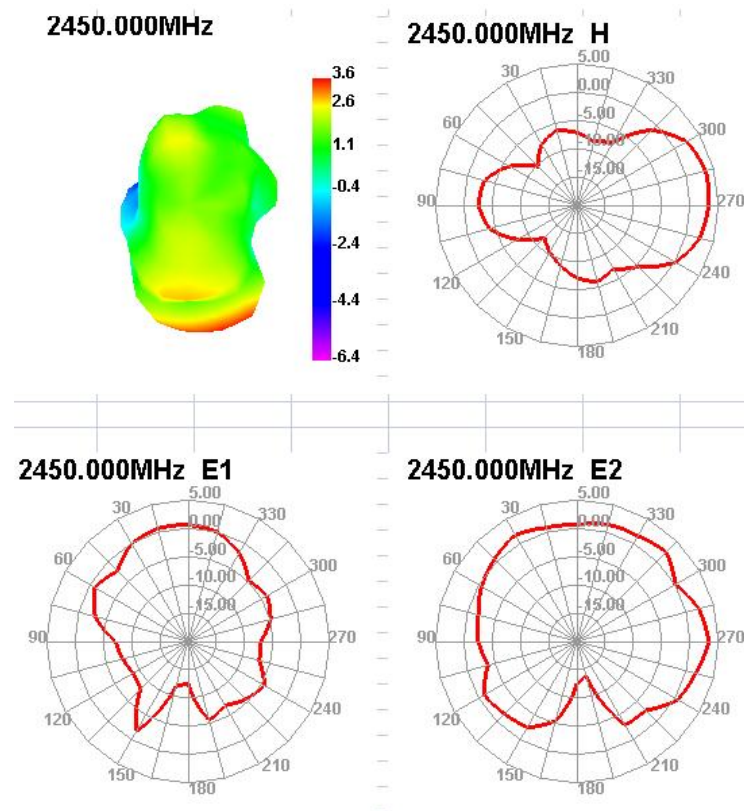
2.3 WIFI Antenna TRP/TIS

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