

深圳市亿圣邦科技有限公司

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

Customer: 一恒科

Project: OC106

Product: WIFI/BT Antenna—FPC

Report date: 2023-09-16

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Checked by : Eason Huang

Approved by :



Purpose

This report is to measure the performance of SLK for Master Antenna on 一恒科. All measure data are showed below.

Content

1. Test Result

1.1 WIFI Antenna VSWR

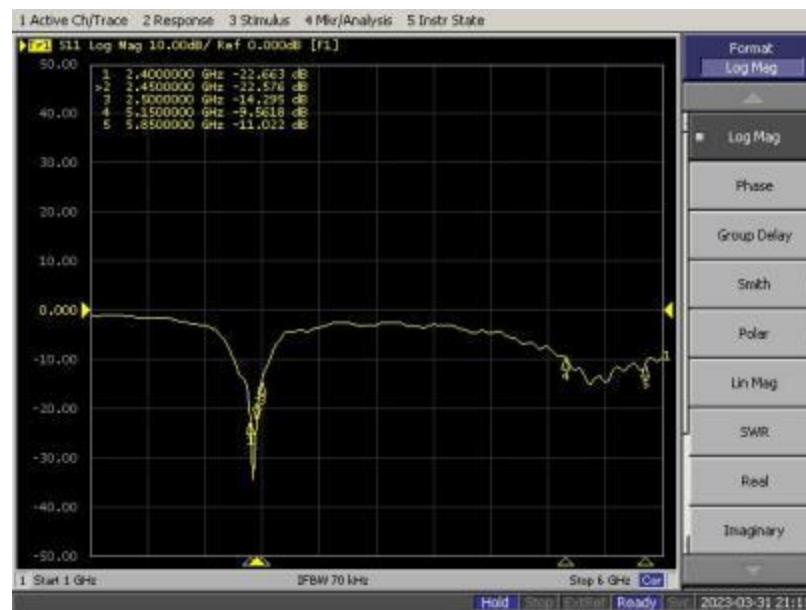
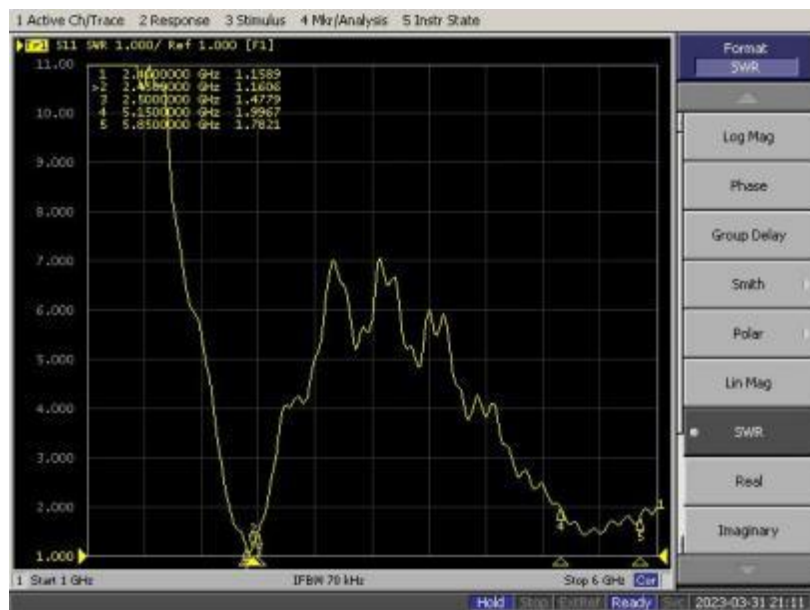
1.2 WIFI Antenna Gain/Efficiency/3D

DATA

2. Conclusions

2. Test Result

2.1 WIFI Antenna VSWR/S11



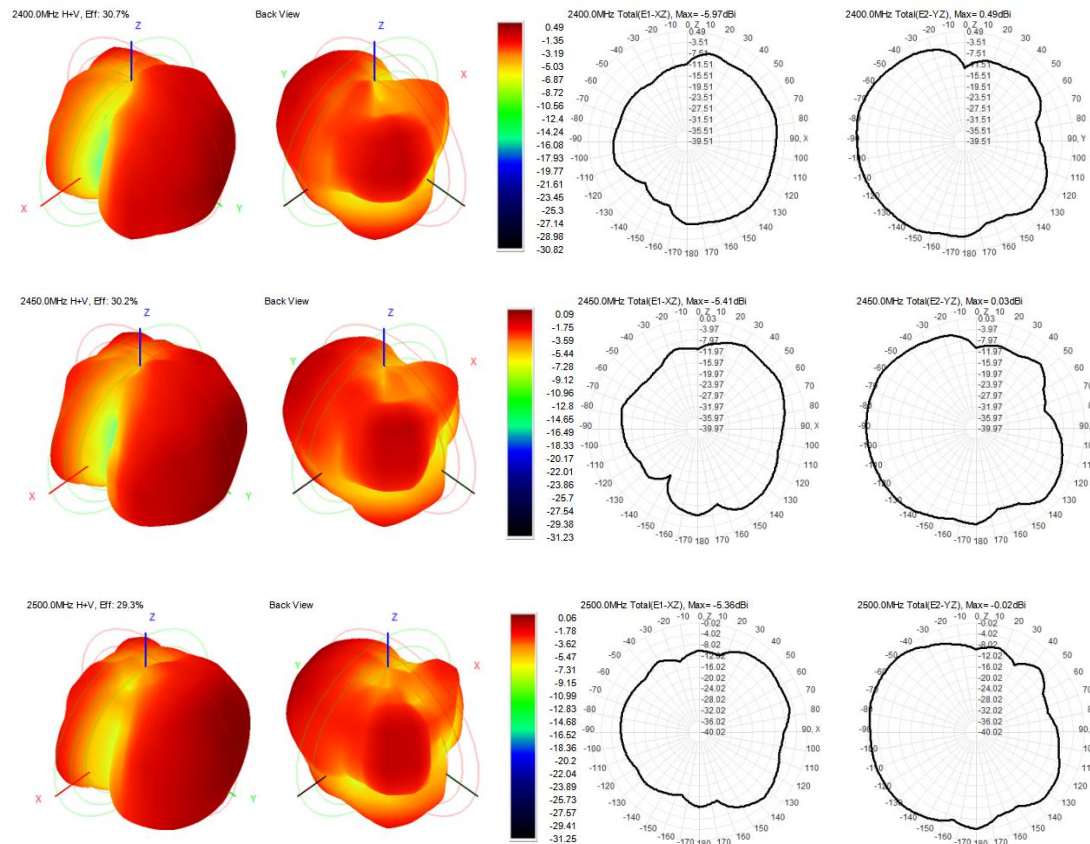
2. Test Result

2.2 WIFI Antenna Gain/Efficiency/3D DATA

Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
2400.0	-5.12	0.49	30.75
2410.0	-4.92	0.78	32.23
2420.0	-4.96	0.91	31.89
2430.0	-4.85	0.78	32.70
2440.0	-5.19	0.42	30.26
2450.0	-5.20	0.09	30.23
2460.0	-5.04	0.16	31.34
2470.0	-5.28	-0.02	29.64
2480.0	-5.12	0.04	30.78
2490.0	-5.25	-0.02	29.83
2500.0	-5.33	0.06	29.34
5150.0	-6.45	-1.75	22.66
5350.0	-5.70	0.70	26.93
5550.0	-6.07	-1.25	24.74
5750.0	-6.01	0.24	25.06
5850.0	-5.26	0.71	29.76

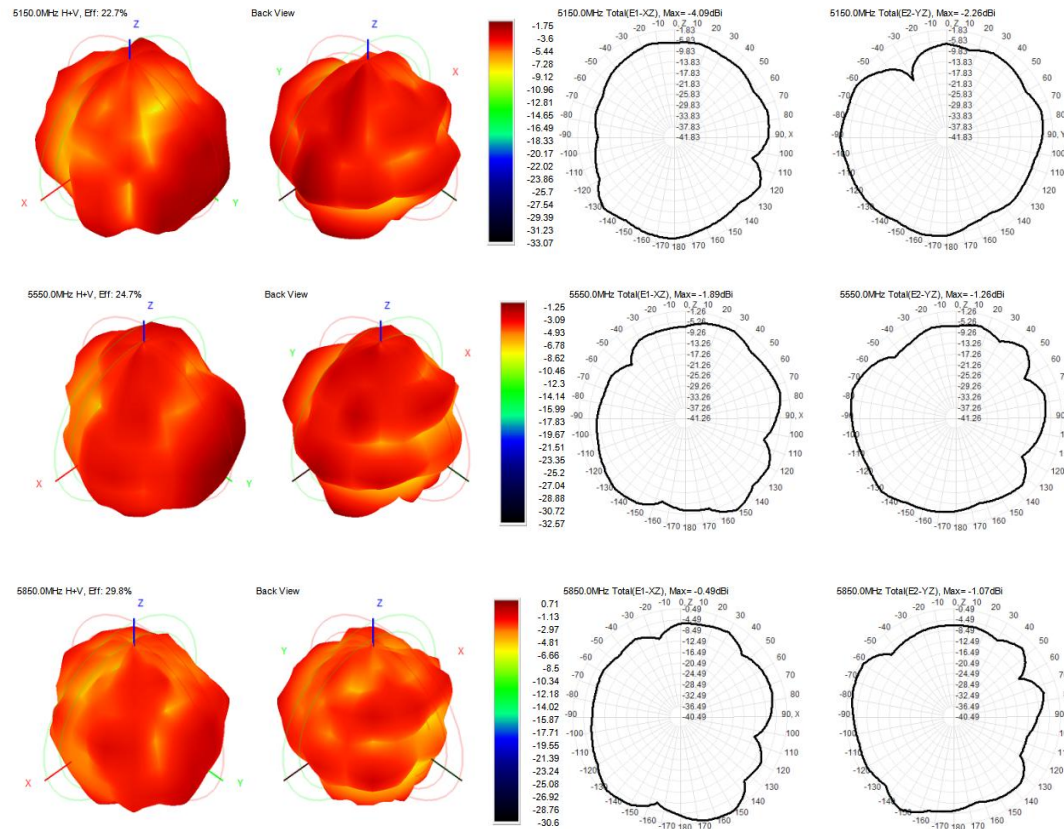
2. Test Result

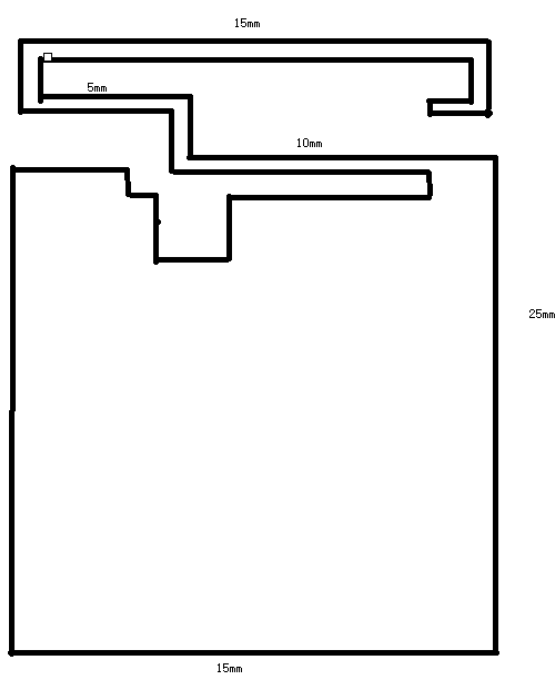
2.2 WIFI Antenna Gain/Efficiency/3D DATE



2. Test Result

2.2 WIFI Antenna Gain/Efficiency/3D DATE







2. Conclusions

Thank you