

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: MJ001

Product: WIFI Antenna—FPC

Report date: 2023.09.07

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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 VSWR/S11

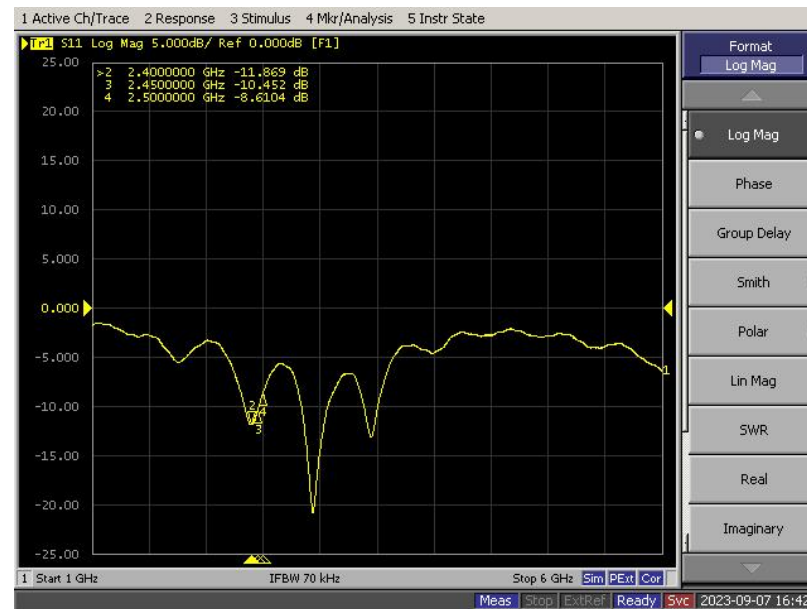
1.2 Antenna Parameters

1.3 WIFI Antenna Gain/Efficiency/3D DATA

3. Conclusions

1. Test Result

1.1 VSWR/S11



1. Test Result

1.2 Antenna Parameters

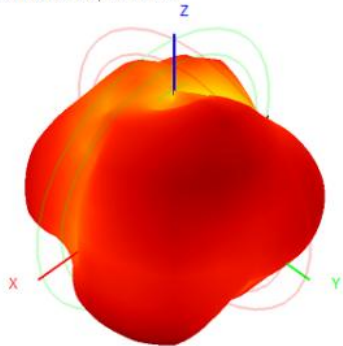


1. Test Result

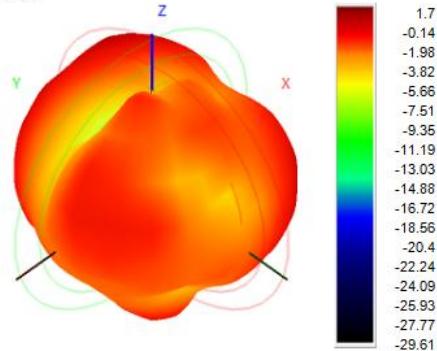
1.3 WIFI Antenna Gain/Efficiency/3D DATA

Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0
Efficiency (dBi)	-3.55	-3.27	-2.92	-3.01	-3.11	-3.22	-2.80	-3.40	-3.55	-3.53	-3.62
Gain (dBi)	1.70	1.99	2.37	2.23	2.22	2.04	2.77	1.91	1.95	1.94	1.59
Efficiency (%)	44.19	47.12	51.07	49.99	48.85	47.64	52.43	45.68	44.15	44.35	43.49

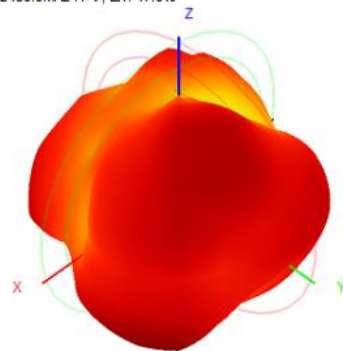
2400.0MHz H+V, Eff: 44.2%



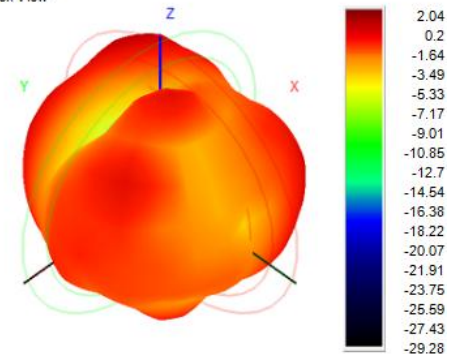
Back View



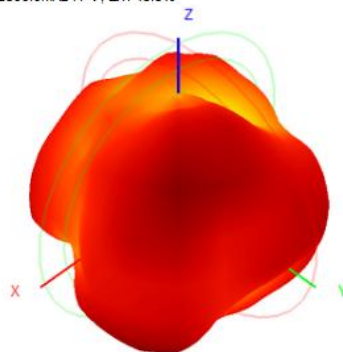
2450.0MHz H+V, Eff: 47.6%



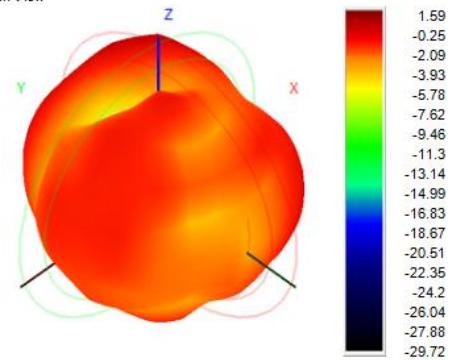
Back View



2500.0MHz H+V, Eff: 43.5%



Back View



3. Conclusions

Thank you