

深圳市亿圣邦科技有限公司

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

Customer: Shenzhen Jiteng Network Technology Co., Ltd

Project: NUCJL01

Product: WIFI Antenna—FPC

Report date: 2022-02-16

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Approved by :



Purpose

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

Content

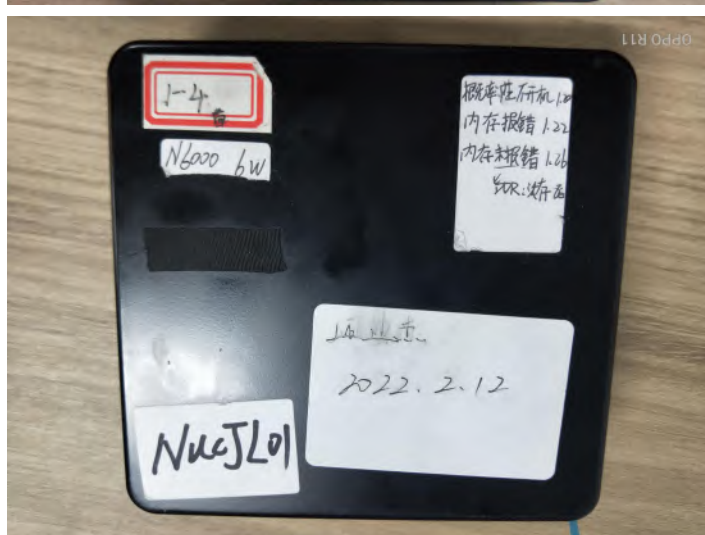
1. Product Overview

2. Test Result

2.1 WIFI Antenna VSWR/S11

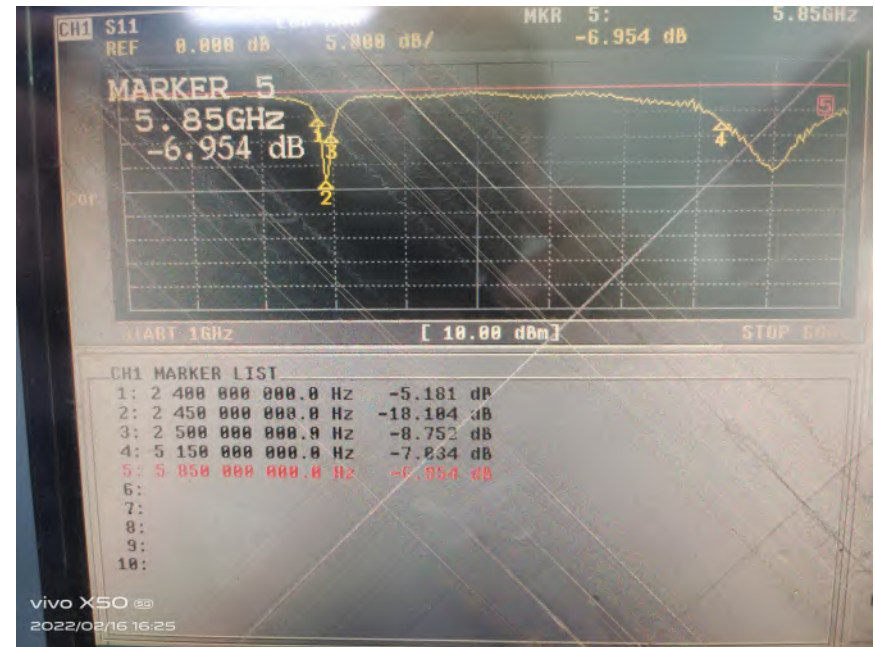
2.2 WIFI MAIN/AUX Antenna Gain/Efficiency/3D DATE

3. Conclusions



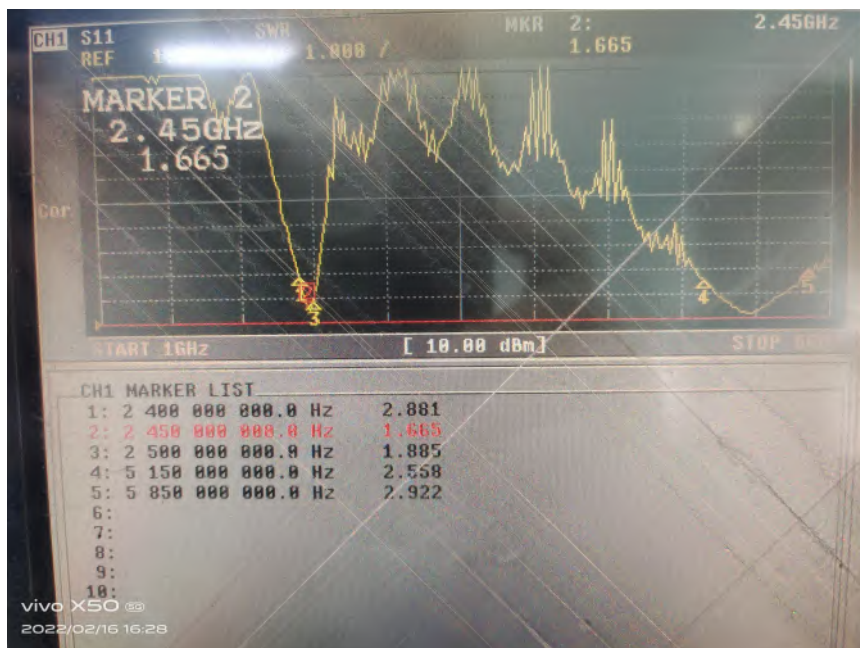
2. Test Result

2.1 WIFI MAIN Antenna VSWR/S11



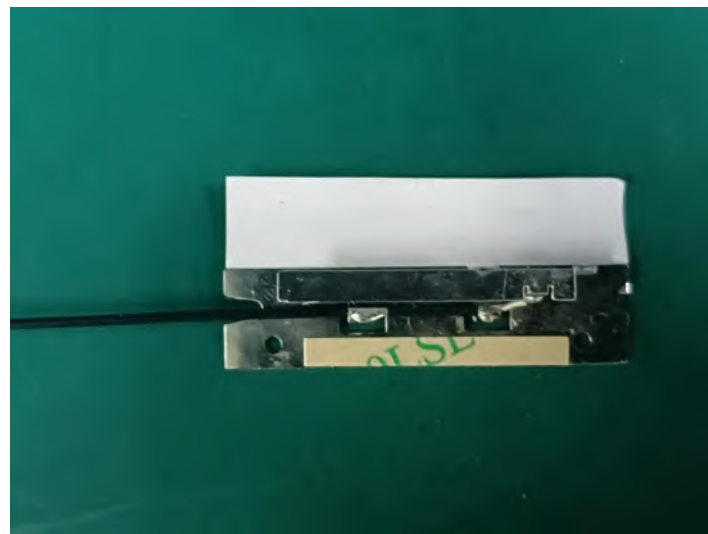
2. Test Result

2.1 WIFI AUX Antenna VSWR/S11



2. Test Result

2.2 Antenna parameters



备注：主天线和副天线都是使用同一款天线本体（只是线长不一样）。

2. Test Result

2.3 WIFI Antenna Gain/Efficiency/3D DATE

WIFI MAIN

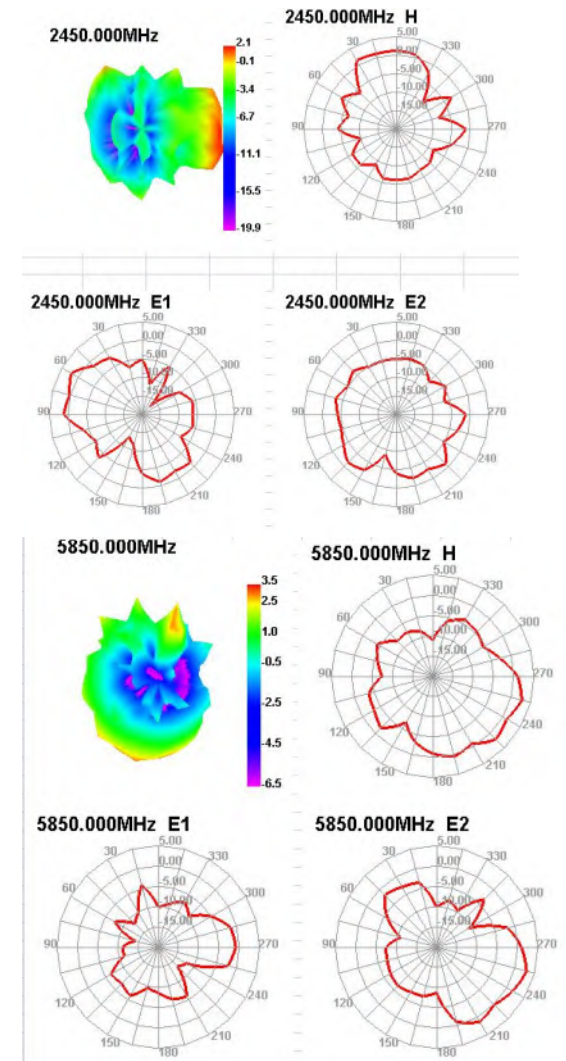
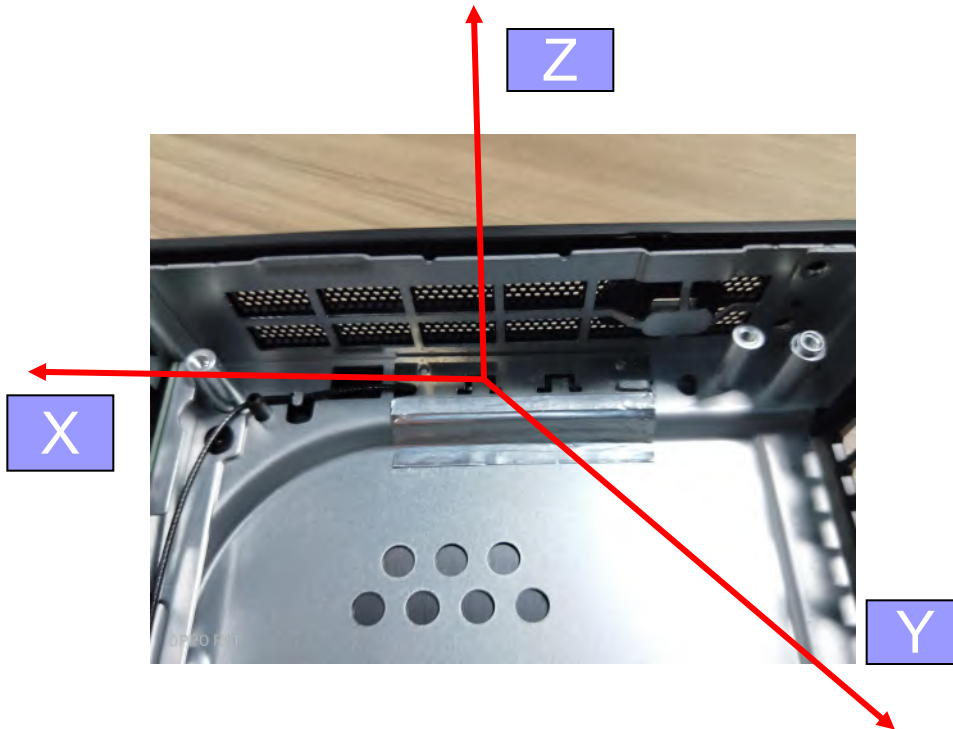
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	43.79	-3.59	2.48
2410	41.76	-3.79	2.11
2420	42.52	-3.71	2.04
2430	40.65	-3.91	1.68
2440	43.74	-3.59	2.11
2450	41.84	-3.78	2.07
2460	42.71	-3.69	2.33
2470	40.63	-3.91	2.16
2480	42.19	-3.75	2.37
2490	42.02	-3.77	2.38
2500	41.86	-3.78	2.66
5150	37.14	-4.3	3.54
5350	39.71	-4.01	3.17
5550	44.12	-3.55	3.56
5750	42.8	-3.69	4.46
5850	44.66	-3.5	3.54

WIFI AUX

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	43.01	-3.66	1.93
2410	39.13	-4.08	1.51
2420	43.29	-3.64	1.85
2430	43.81	-3.58	1.94
2440	40.91	-3.88	1.49
2450	45.83	-3.39	1.69
2460	38.92	-4.1	0.83
2470	39.54	-4.03	0.98
2480	40.31	-3.95	1.91
2490	37.56	-4.25	2.35
2500	39.18	-4.07	3.03
5150	38.19	-4.18	1.59
5350	38.84	-4.11	1.72
5550	41.74	-3.79	2.31
5750	43.71	-3.59	3.04
5850	45.46	-3.42	2.42

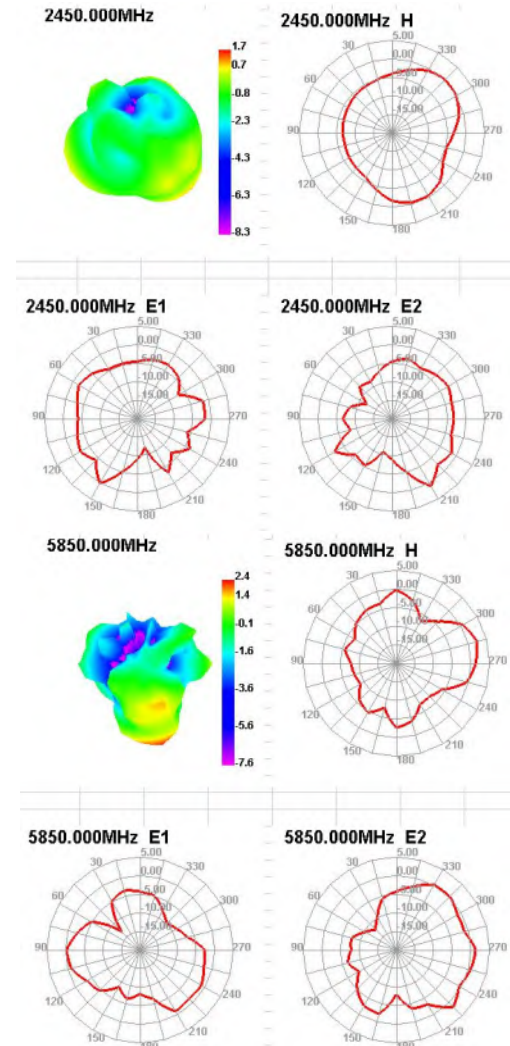
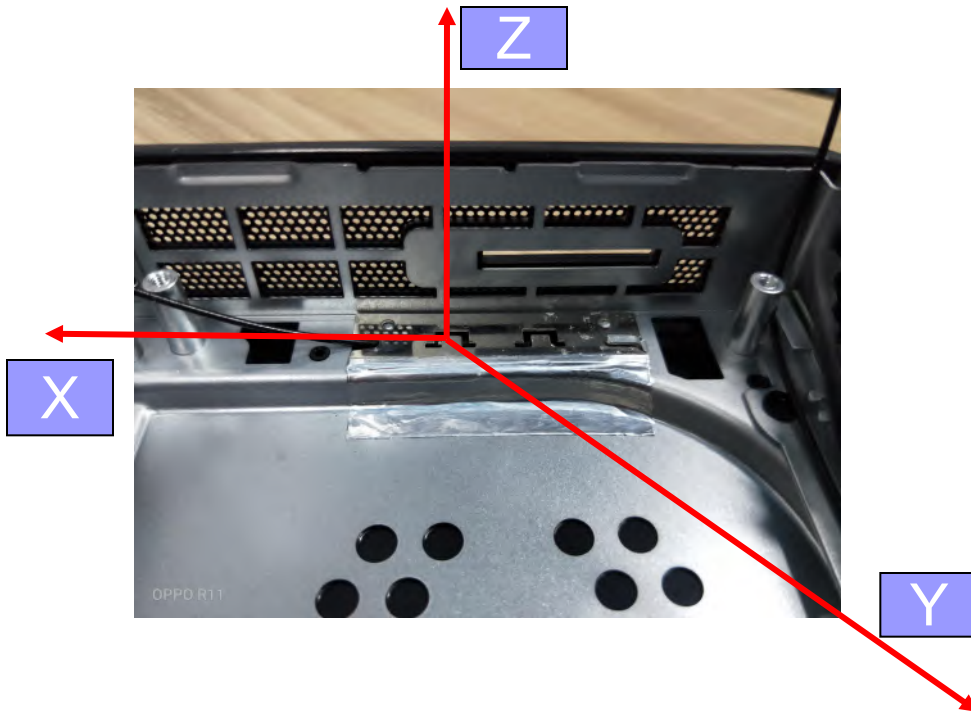
2. Test Result

2.3 WIFI MAIN Antenna Gain/Efficiency/3D DATE



2. Test Result

2.3 WIFI AUX Antenna Gain/Efficiency/3D DATE





3. Conclusions

Thank you