

深圳市亿圣邦科技有限公司

Shenzhen Yishengbang Technology Co., Ltd Antenna Test Report

Customer: 亿莱顿

Project: WT1013T

Product: WIFI Antenna—FPC

Report date: 2023.08.04

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 亿莱顿. All measure data are showed below.

Content

1. Product Overview

2. Test Result

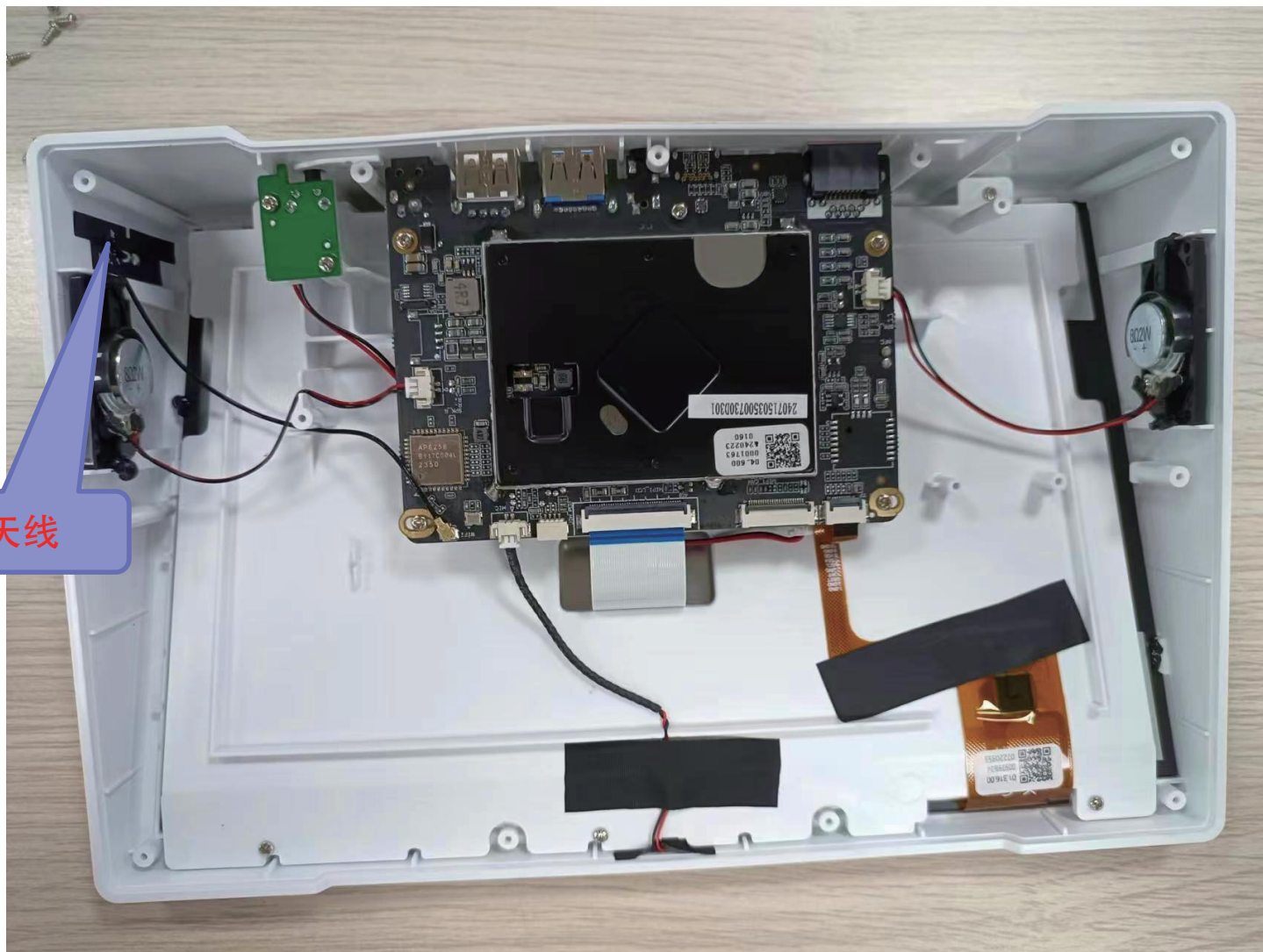
2.1 WIFI Antenna VSWR/S11

2.2 WIFI Antenna Gain/Efficiency/3D DATE

2.3 WIFI Antenna TRP/TIS

3. Conclusions

1. Product Overview



WIFI 天线

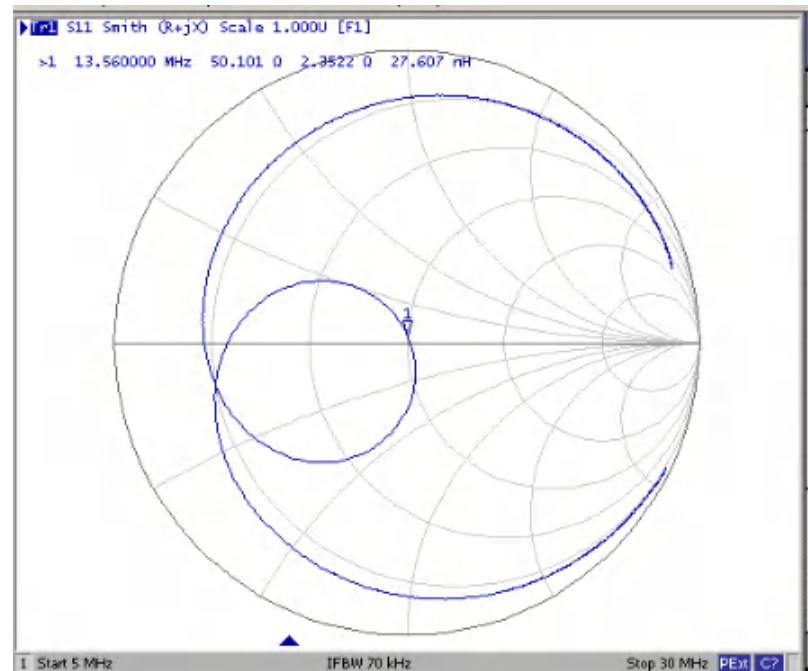
2. Test Result

2.1 WIF- Antenna VSWR/S11



2. Test Result

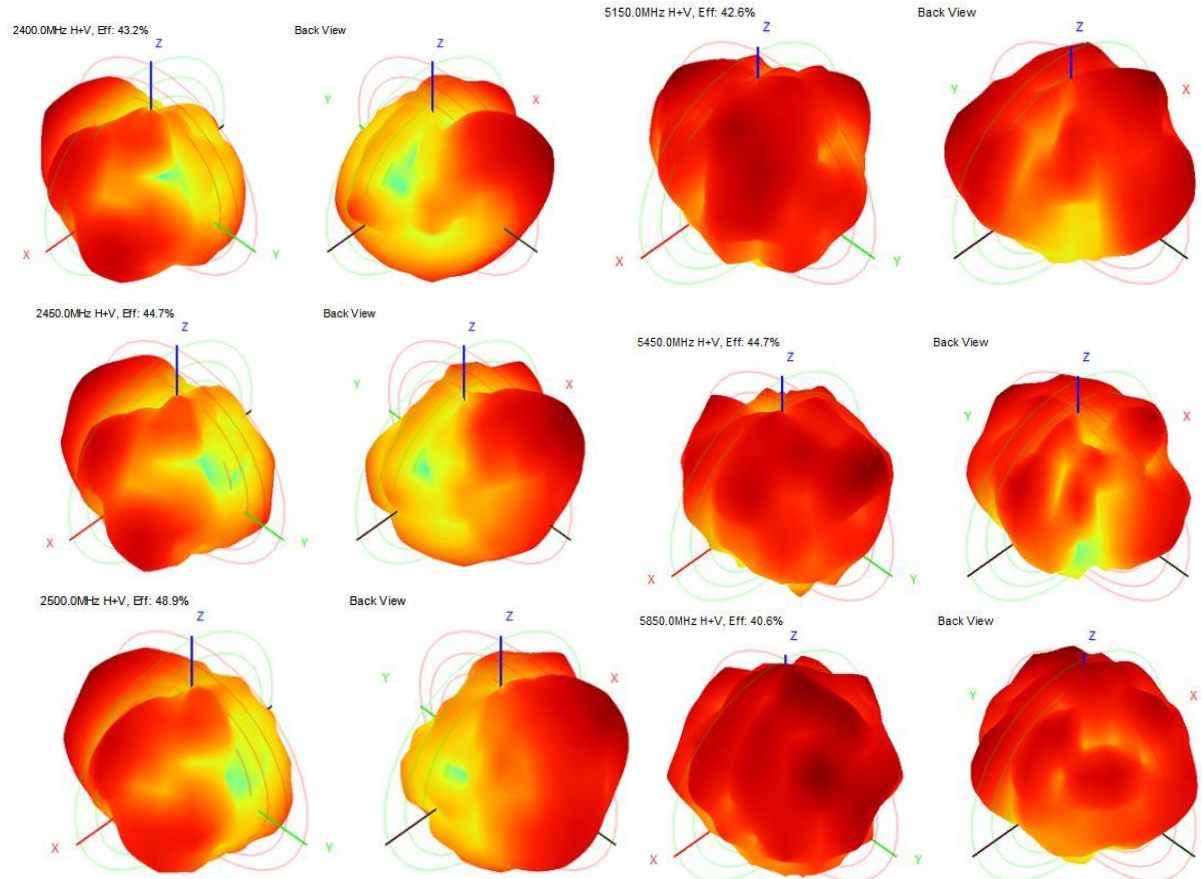
2.1 NFC Antenna VSWR/S11



2. Test Result

2.2 WIFI - Antenna Gain/Efficiency/3D DATA

Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
2400	-3.64	2.83	43.21
2410	-3.5	2.72	44.64
2420	-3.63	2.35	43.33
2430	-3.29	2.33	46.83
2440	-3.58	2.83	43.81
2450	-3.5	2.26	44.68
2460	-3.34	2.29	46.29
2470	-3.34	2.35	46.38
2480	-2.97	2.69	50.44
2490	-3.04	2.53	49.61
2500	-3.11	2.61	48.92
5150	-3.71	2.15	42.60
5250	-3.67	2.76	42.92
5450	-3.50	2.95	44.68
5850	-3.91	2.96	40.60



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)
802.11a	36	12.85	-70.16	802.11g	1	13.2	-69.1
	149	12.73	-70.47		6	13.8	-69.6
	165	12.64	-70.39		11	13.5	-69.2
WIFI	CH	功率(11M)	灵敏度(11M)	WIFI	CH	功率(MCS7)	灵敏度(MCS7)
802.11b	1	13.6	-80.8	802.11n	1	13.0	-65.7
	6	14.2	-81.5		6	13.6	-67.6
	11	13.7	-81.3		11	12.8	-66.9

3. Conclusions

Thank you