



深圳市肯特新工业技术有限公司
Shenzhen Kinter New Industrial Technology CO.,LTD

WIFI Antenna Test Report



Customer	捷渡科技
Project	H501
Antenna Revision	A0
Product Description	FPC+CABLE
Product No	W2011A-F8C2B-050-U

Prepared by : LI Yuan Hao
15516505547

Checked by : Sean ZHANG

Approved by : Antony_Yi

2024.05.06



Purpose

This report is to measure the performance of KINTER FPC WIFI antenna for 捷渡科技-H501. All test data are shown as below.

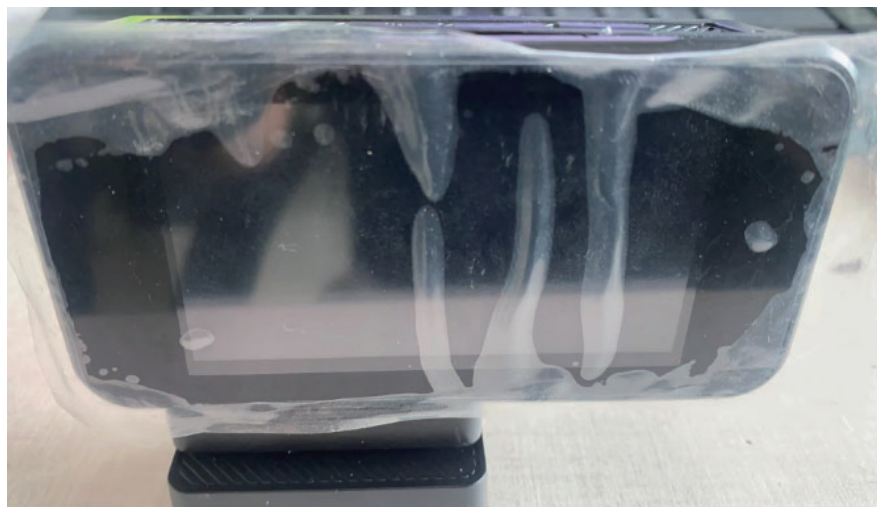
Content

- 1: Product Overview & Dimension
- 2: Test Result
 - 2.1 SWR
 - 2.2 Antenna Matching Network
 - 2.3 Gain & Efficiency
 - 2.4 3D Data
- 3 : Conclusion

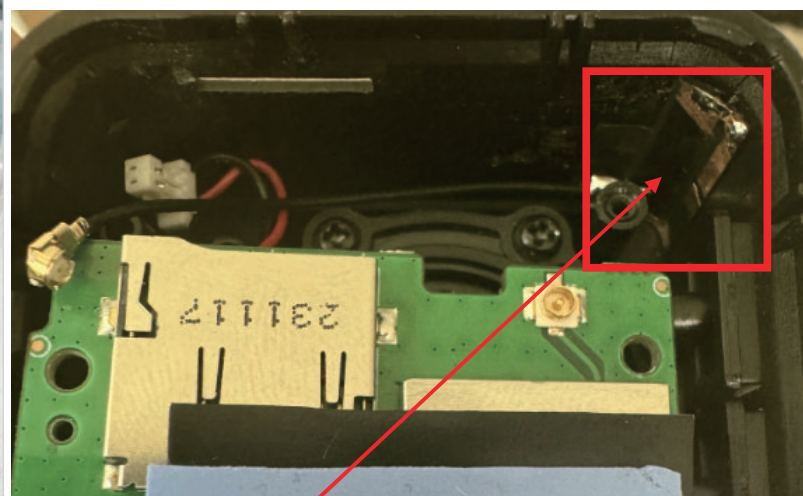


1. Product Overview & Dimension

Overview



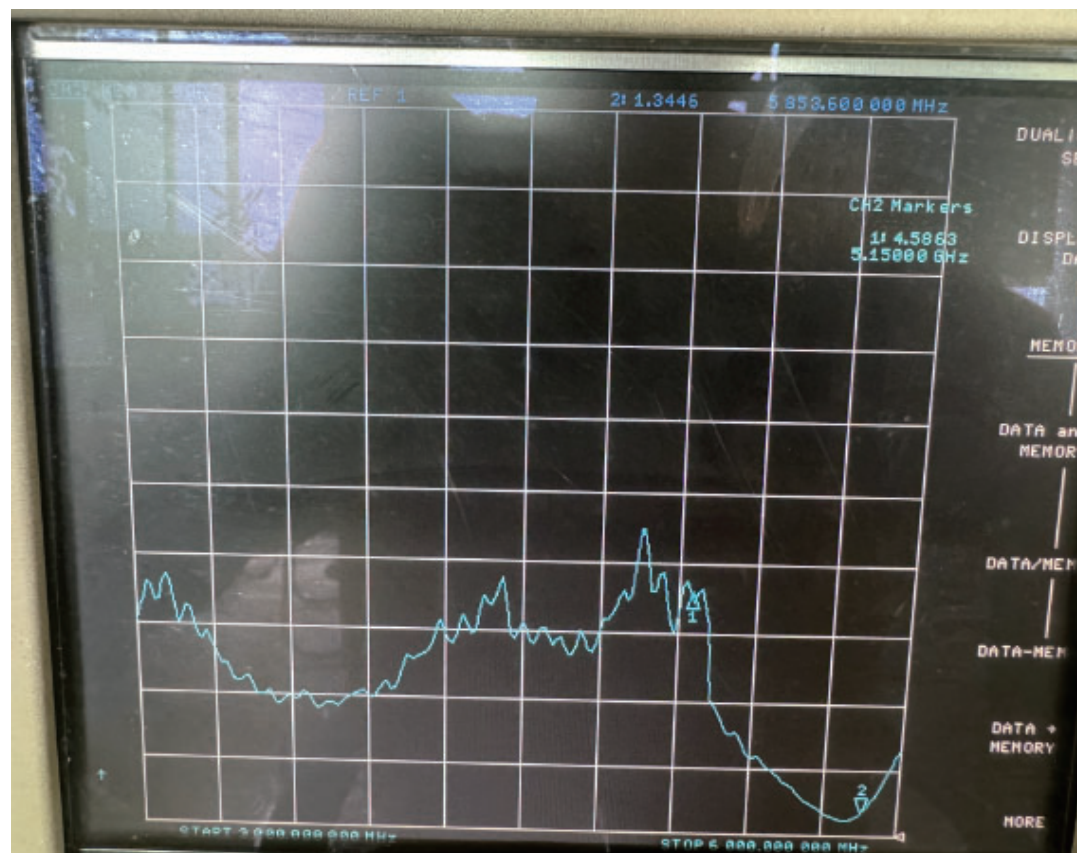
Antenna



此处为天线贴装位置

2. Test Result

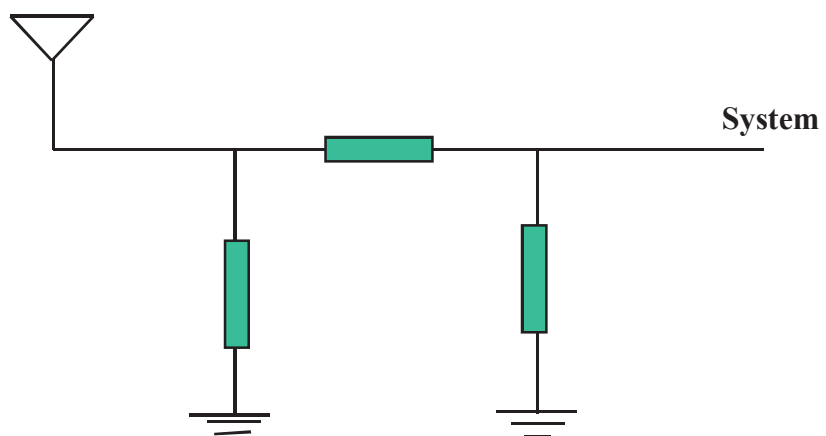
2.1 WIFI SWR



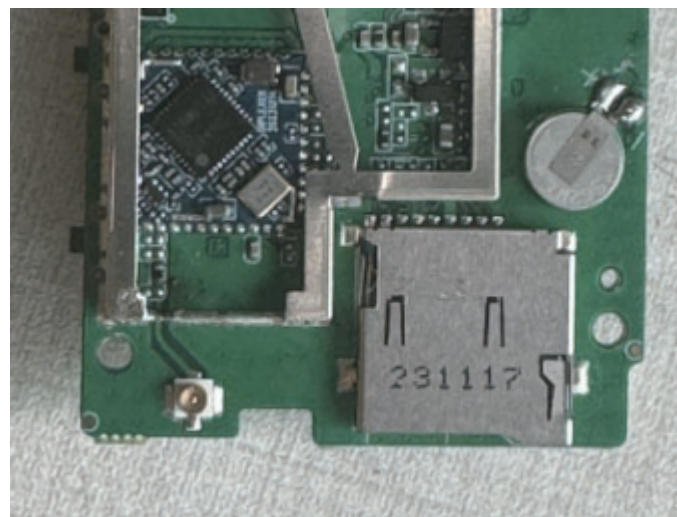
Frequency (MHz)	5150	5850
VSWR	4.58	1.34

2. Test Result

2.2 Antenna Matching Network



匹配无改动



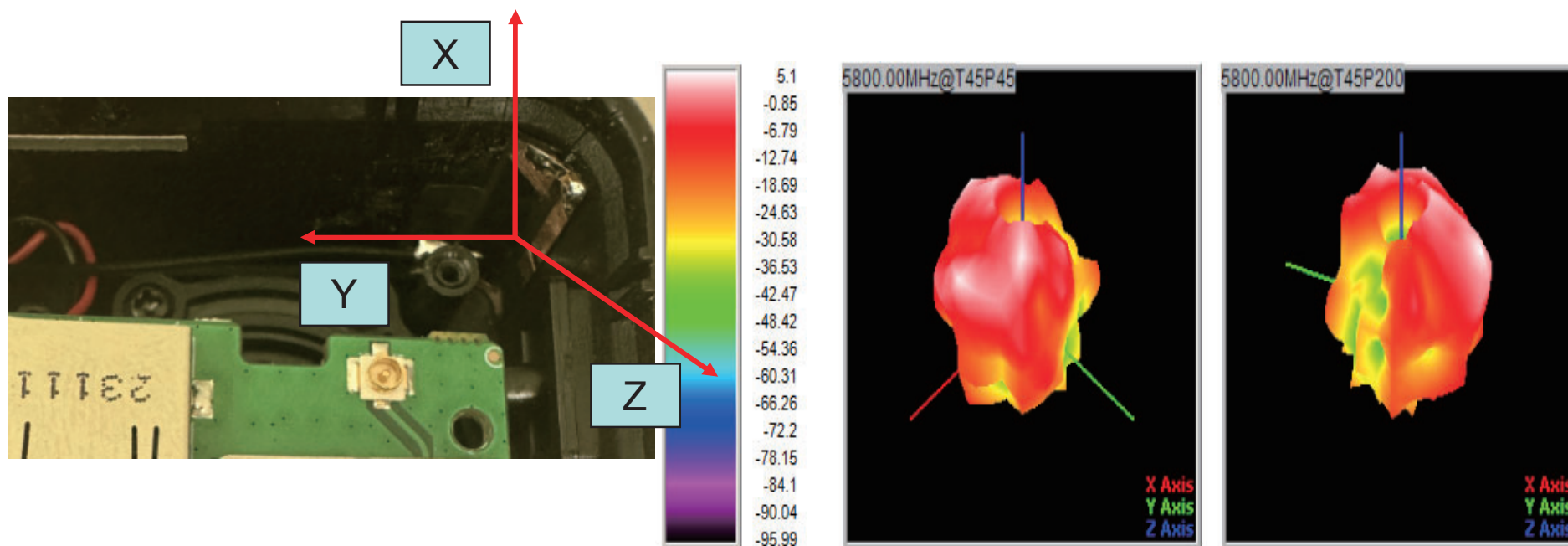
2. Test Result

2.3 WIFI GAIN & Efficiency

Frequency (MHz)	Eftficiency (%)	Eftficiency(dB)	Peak GAIN (dBi)
5150	32.8%	-3.21	0.89
5500	43.4%	-2.65	1.73
5850	36.5%	-2.93	1.36

2. Test Result

2.4 WIFI 3D DATE





深圳市肯特新工业技术有限公司

Shenzhen Kinter New Industrial Technology CO.,LTD

3. Conclusion

从无源测试数据来看，WIFI天线暗室无源测试性能OK。

