



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
Product No	W2011A-F8C2B-050-U

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Purpose

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

Content

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



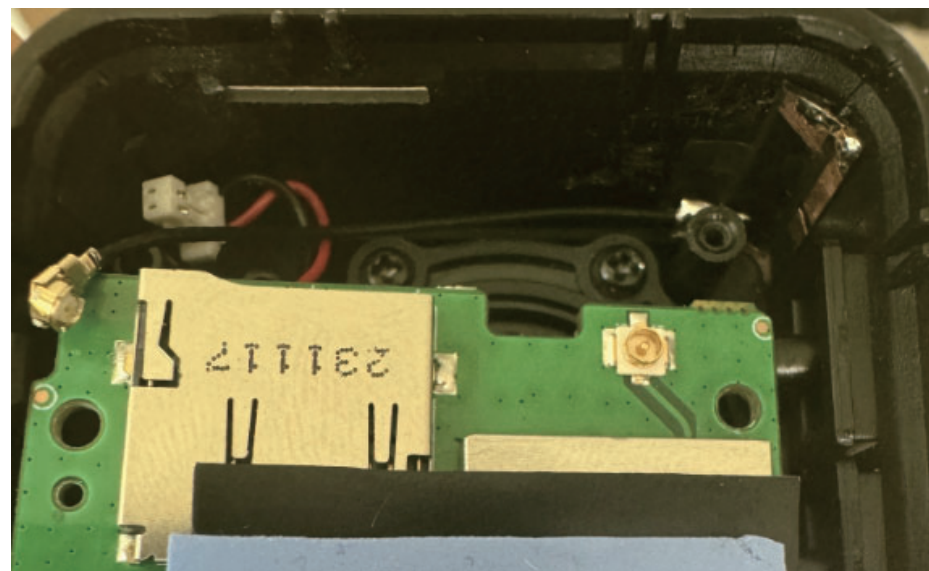
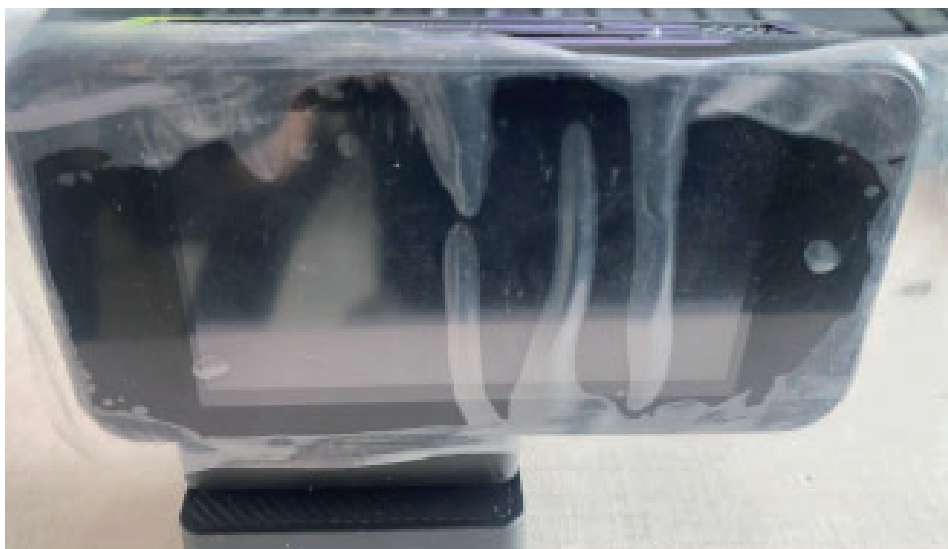


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1. Product Overview & Dimension

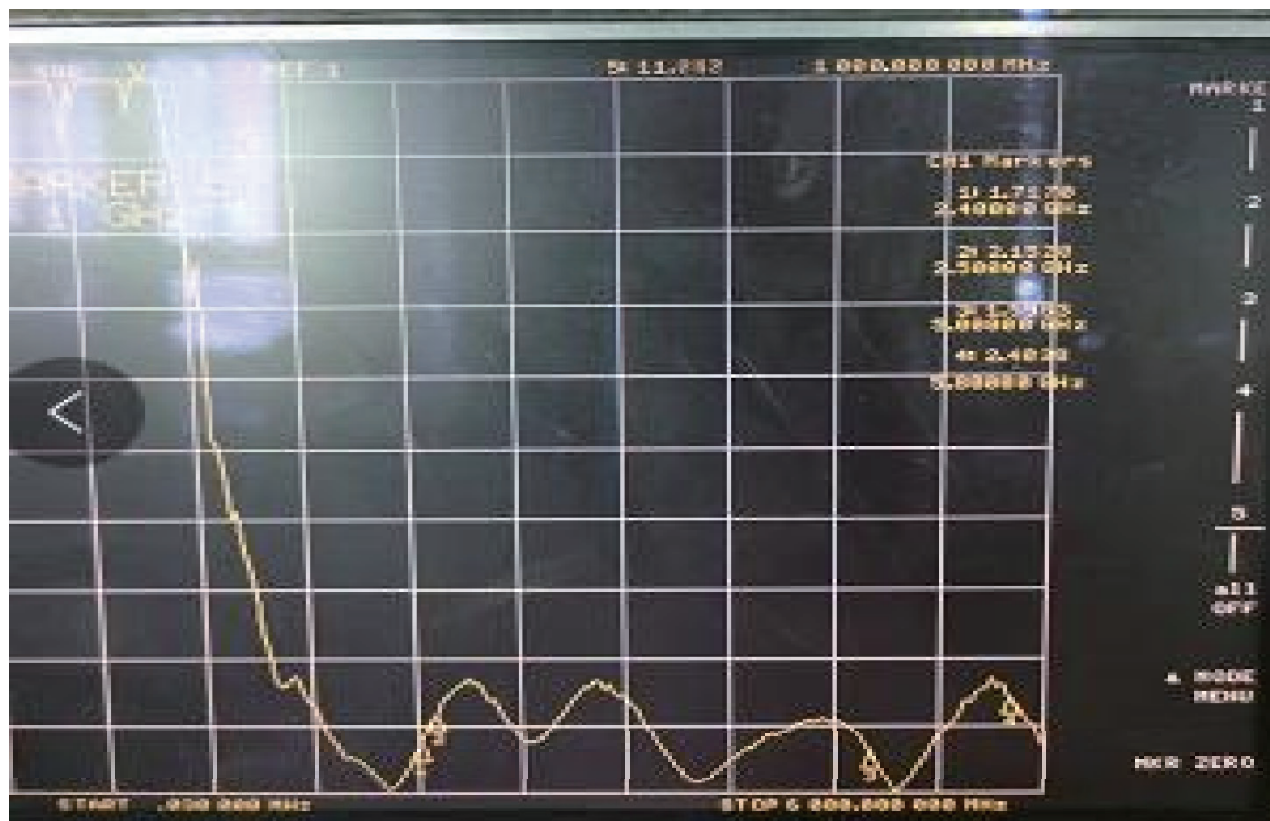
Front

Antenna



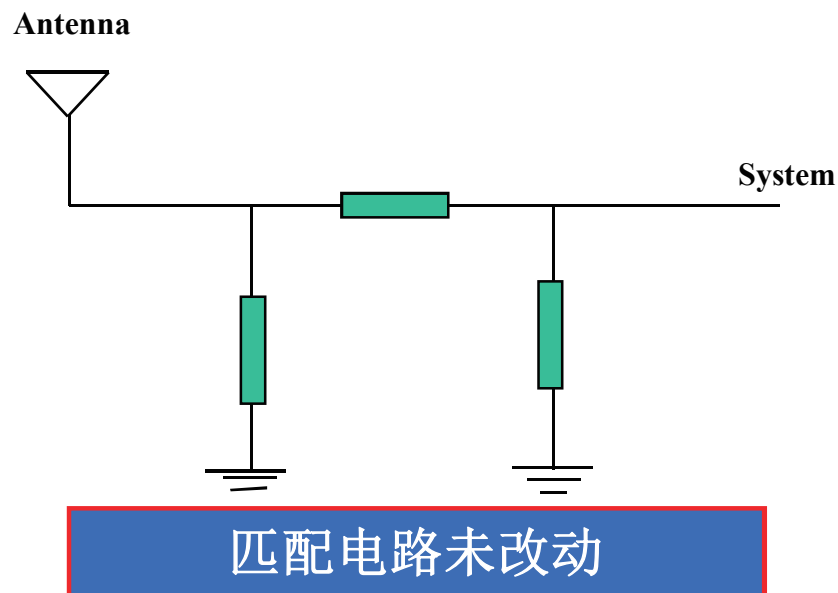
2. Test Result

2.1 WIFI VSWR



2. Test Result

2.2 Antenna Matching Network



2. Test Result

2.3 WIFI GAIN & Efficiency

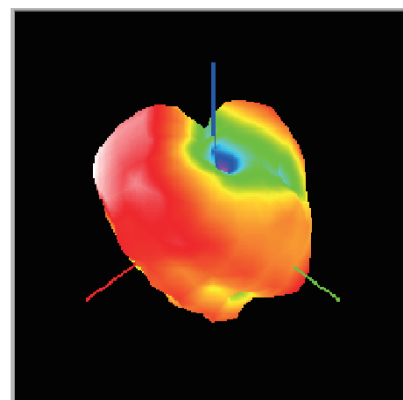
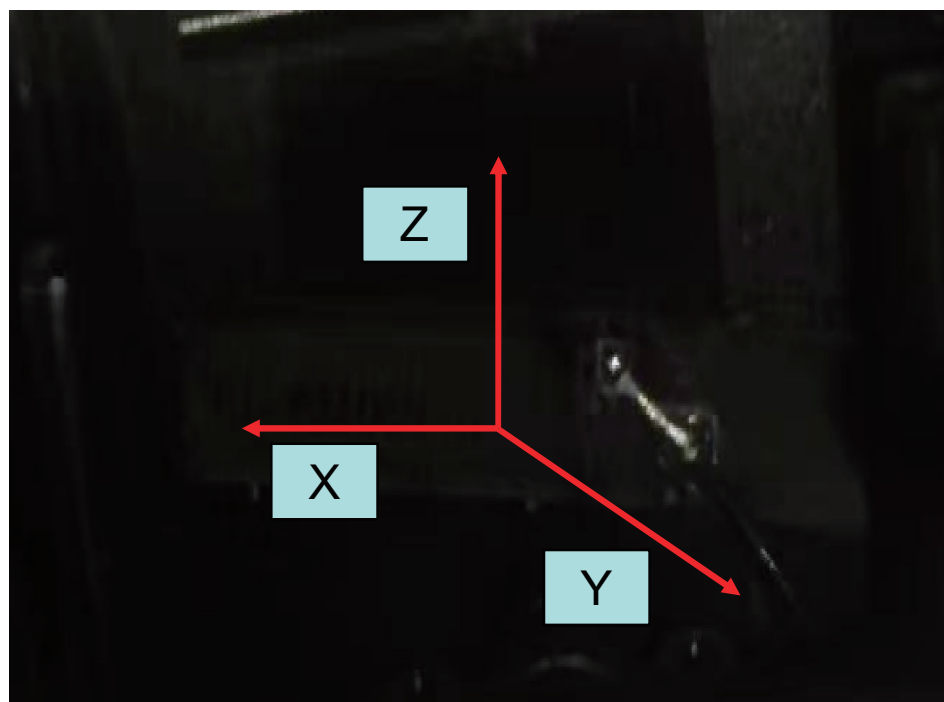
Frequency (MHz)	Eftficiency (%)	Average GAIN (dB)	Peak GAIN (dBi)
2400	43.5%	-3.61	3.53
2450	42.8%	-3.69	3.17
2500	45.4%	-3.43	2.79
5000	42.6%	-3.71	4.28
5400	43.6%	-3.61	4.01
5800	46%	-3.37	3.96



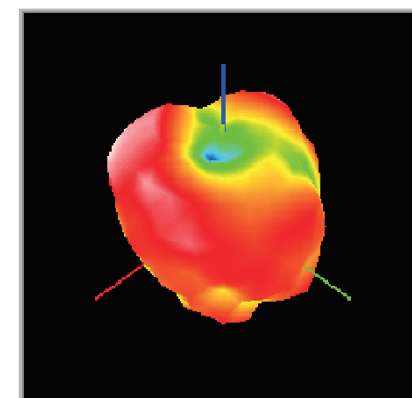
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2. Test Result

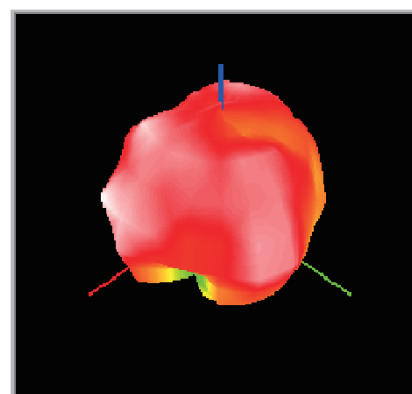
2.4WIFI 3D DATE



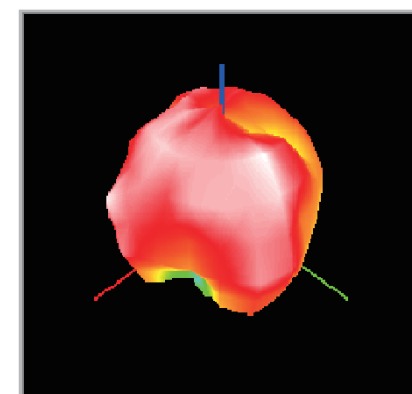
2400MHZ



2500MHZ



5000MHZ



5800MHZ



3. Conclusion

从无源测试数据来看，WIFI天线无源性能OK，实际效果测试在10米。
满足实际使用。