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

WIFI/BT Antenna Test Report

Customer	捷渡科技
Project	A101
Antenna Revision	A0
Product Description	**FPC+CABLE**
Product No	**W3106N-F1R1B-090-G-D**

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Purpose

This report is to measure the performance of KINTER FPC WIFI/ BT antenna for***捷渡科技-A101***. All test date are showed as below.

Content

1： Product Overview & Dimension

2： Test Result

2.1 SWR

2.2 Antenna Matching Network

2.3 Gain & Efficiency

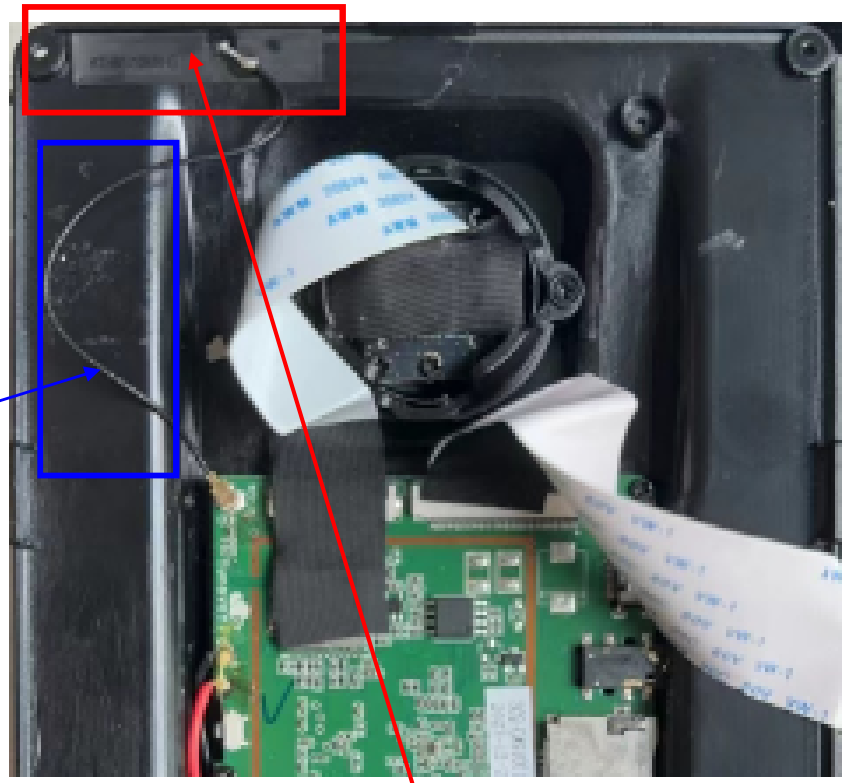
2.4 3D Date

- 3： Conclusion

1. Product Overview & Dimension

Overview

Antenna

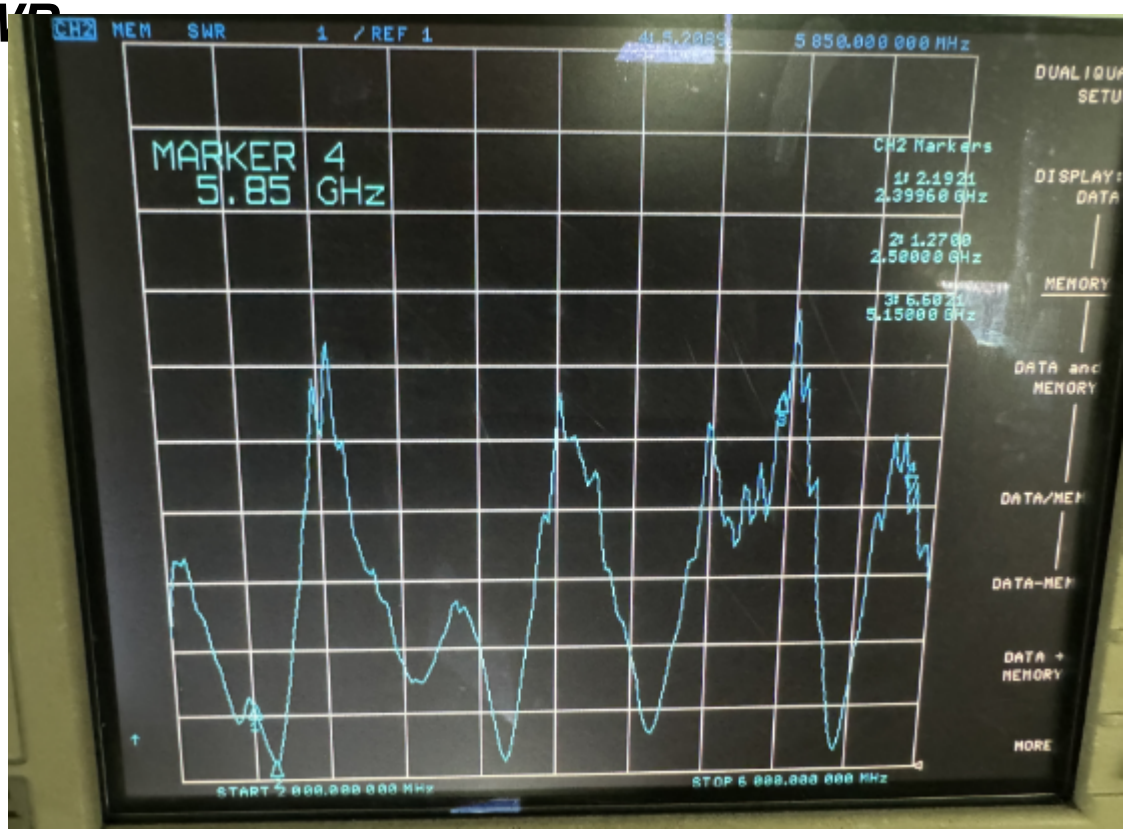


The blue box shows the cycloid state.
Note: Wire placement as far as possible to avoid the line to stay away from stray interference

The red box shows the antenna mounting position

2. Test Result

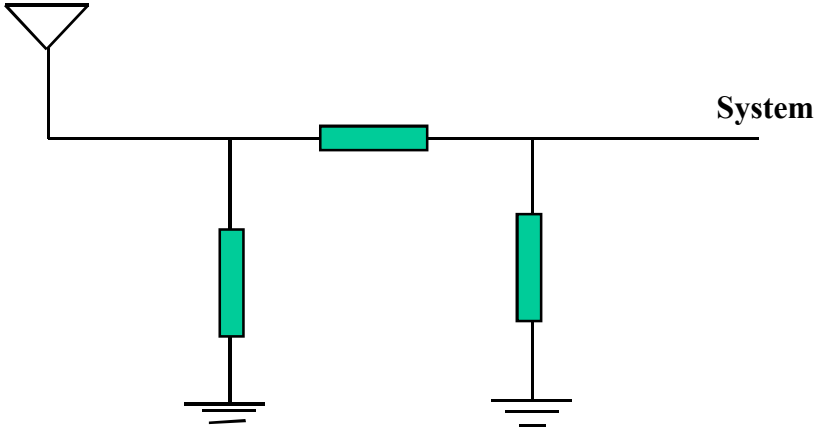
2.1 WIFI/BT SWR



Frequency (MHz)	2400	2500	5150	5850
VSWR	2.19	1.17	6.60	5.20

2. Test Result

2.2 Antenna Matching Network



Match unchanged

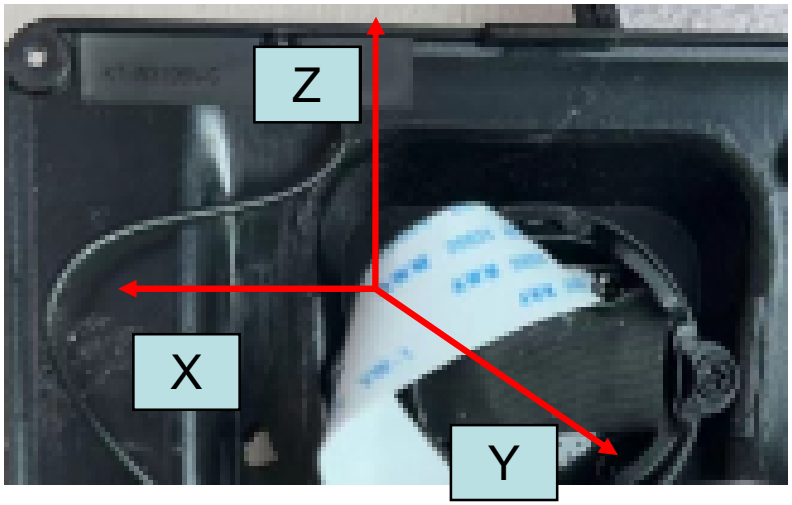
2. Test Result

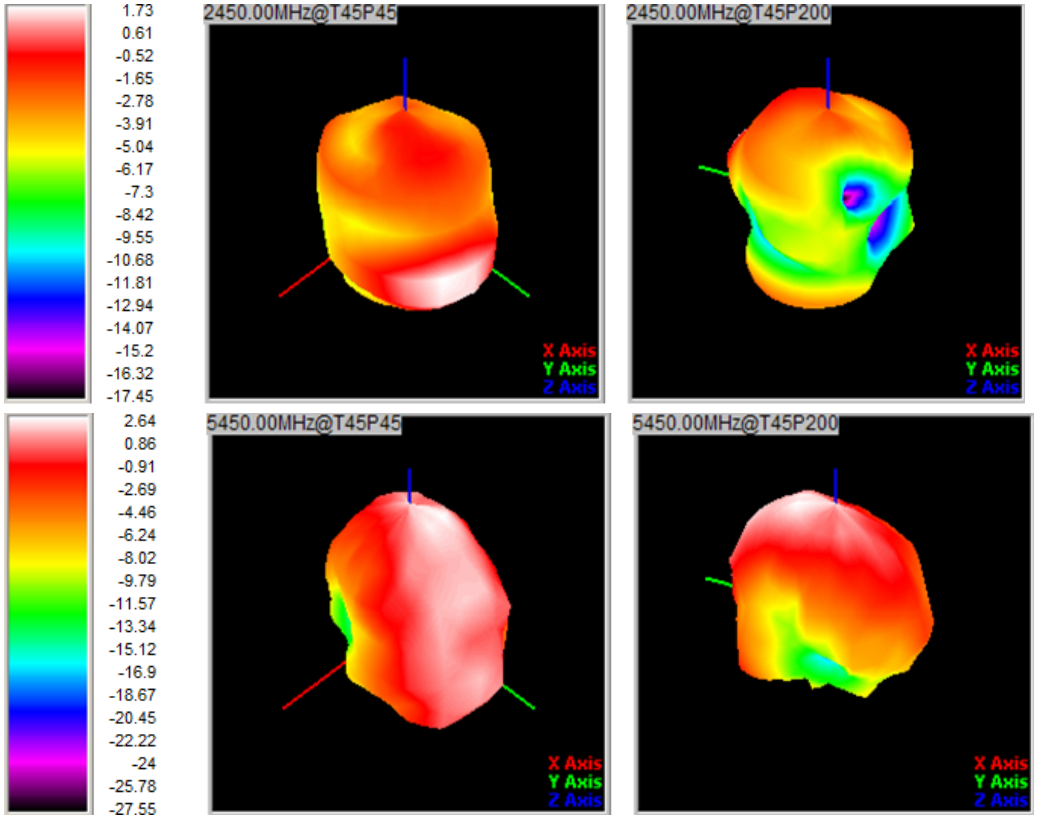
2.3 WIFI /BT GAIN & Efficiency

Frequency (MHz)	Eftficiency (%)	Eftficiency(dB)	Peak GAIN (dBi)
2400	30.2%	-6.17	0.34
2450	37.6%	-4.66	1.58
2500	41.3%	-4.32	1.81
5150	28.7%	-7.56	-1.31
5500	36.4%	-4.55	2.44
5850	31.2%	-5.34	1.03

2. Test Result

2.4 WIFI /BT 3D DATE





3. Conclusion

According to the passive test data, the passive test performance of the WIFI / BT antenna darkroom is OK