

WIFI Antenna Test Report



Customer	
Project	H200
Antenna Revision	A0
Product Description	
Product No	W3106N-F8R2B-050-G

2023.6.15

Manufacturer:Guangzhou Caihui Technology Co., Ltd
Address: Room 502, Building 1, No. 4 Shuiniu Road, Tan Village, Shijing
Street, Baiyun District, Guangzhou, China

Purpose

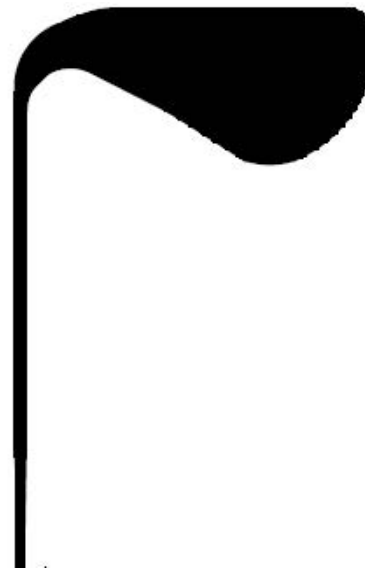
This report is to measure the performance of KINTER FPC WIFI antenna for 捷渡科技-H200 All test data are showed as below.

Content

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1. Product Overview & Dimension

Antenna

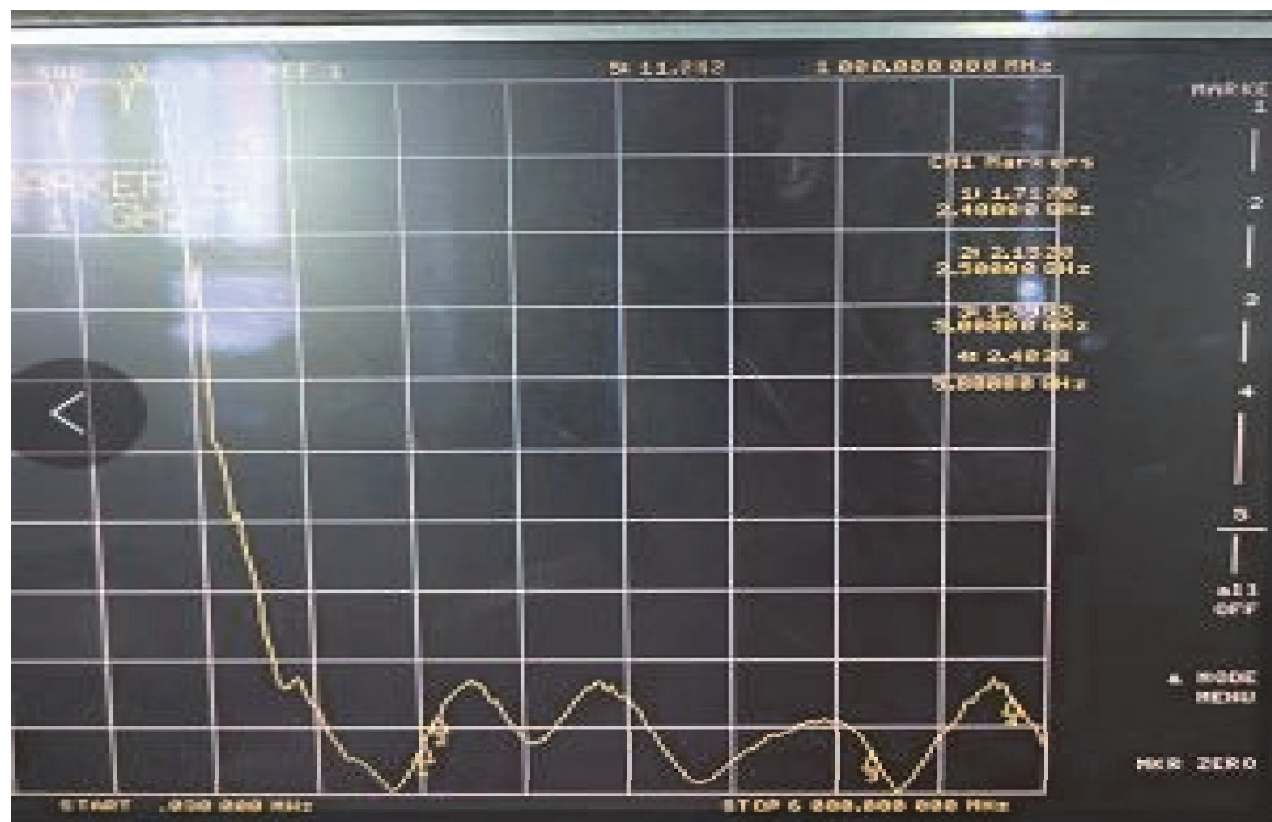




深圳市肯特新工业技术有限公司
Shenzhen Kinter New Industrial Technology CO.,LTD

2. Test Result

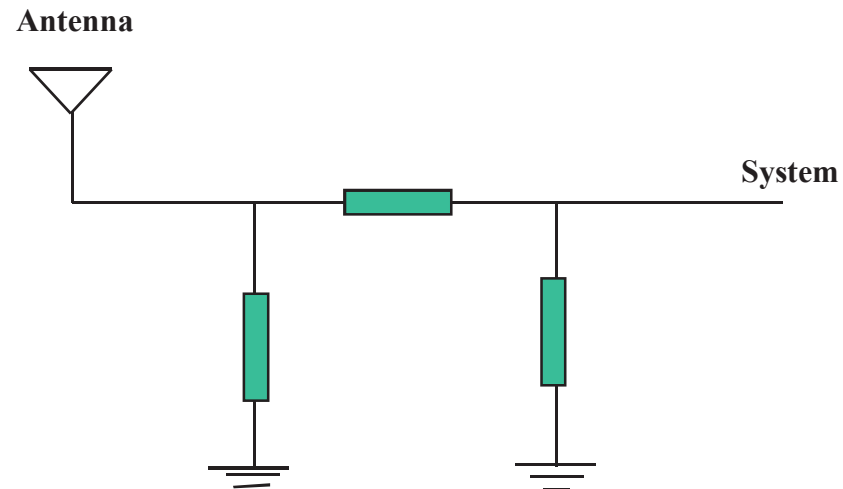
2.1 WIFI VSWR



Frequency (MHz)	2400	2500	5000	5800
VSWR	1.66	2.1	1.5	2.18

2. Test Result

2.2 Antenna Matching Network



匹配电路未改动

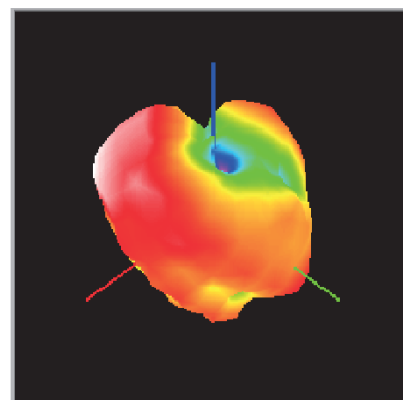
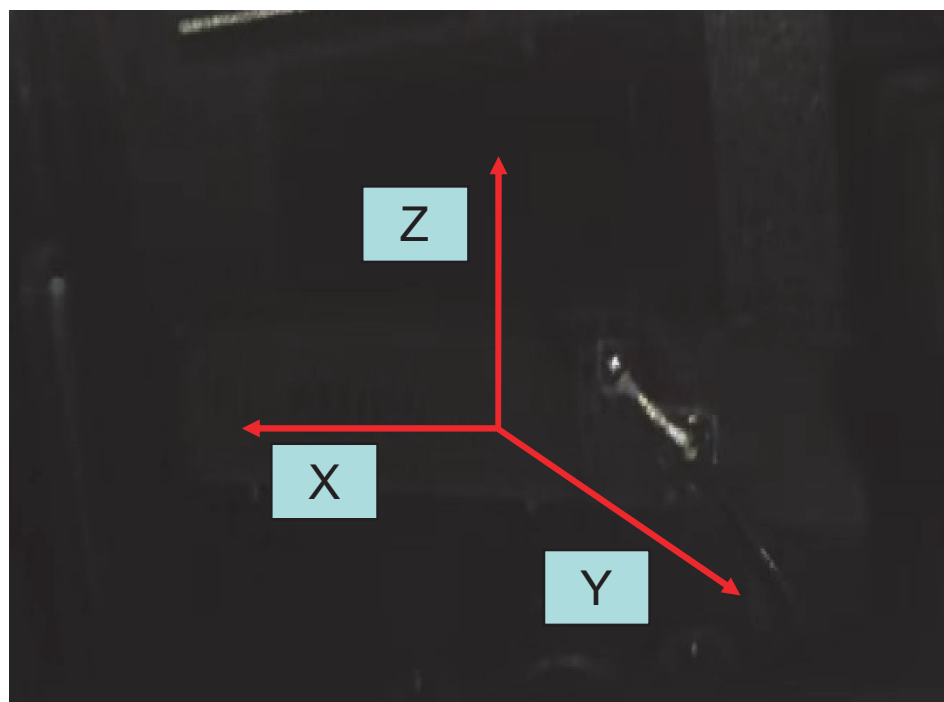
2. Test Result

2.3 *WIFI GAIN & Efficiency*

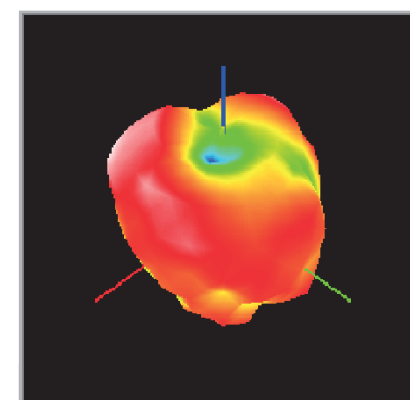
Frequency (MHz)	Eftficiency (%)	Average GAIN (dB)	Peak GAIN (dBi)
2400	43.5%	-3.61	3.53
2450	42.8%	-3.69	3.17
2500	45.4%	-3.43	2.79
5000	42.6%	-3.71	4.28
5400	43.6%	-3.61	4.01
5800	46%	-3.37	3.96

2. Test Result

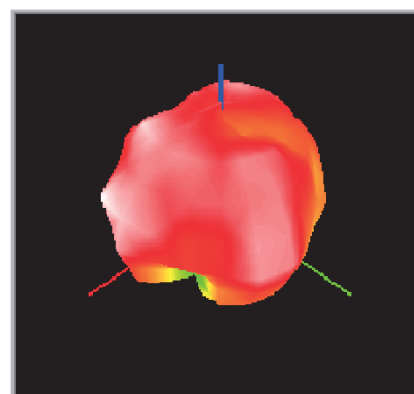
2.4WIFI 3D DATE



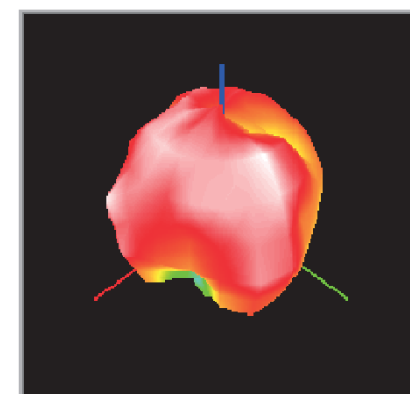
2400MHZ



2500MHZ



5000MHZ



5800MHZ

3. Conclusion

From the passive test data, the passive performance of the WIFI antenna is OK, and the actual effect is tested at 10 meters. Meet the actual use.