

Antenna Test Report

Test Standard: <u>IEEE 149-1979</u>

Manufacturer: Yibai Science & Technology (Shenzhen) Co., Ltd.

Product Name: <u>2.4GHz Antenna</u>

Model: ZIP20 PLUS

Report No.: <u>SSP23110097A</u>

Tested Date: <u>2023-10-22</u>

Issued Date: <u>2023-10-23</u>

Tested By: William Liu (Engineer)

Approved By: <u>Lahm Peng (Manager)</u>

Prepared By:

Shenzhen ZRLK Testing Technology Co., Ltd.

1F, No. 35 Building, Changxing Technology Industrial Park, Yutang Street, Guangming New District, Shenzhen City, Guangdong Province, China

Tel.: +86-755-33019599 Fax.: +86-755-33019599 Website: www.zrlklab.com

Note: This test report is limited to the above client company and the product model only. It may not be duplicated without prior permitted by Shenzhen ZRLK Testing Technology Co., Ltd.

Antenna Test Report Page 1 of 4



1. General Information

1.1 Product Information

Manufacturer			
Manufacturer:	Yibai Science & Technology (Shenzhen) Co., Ltd.		
Address of Manufacturer:	No. 1112, Building 5A, Tusincere Technology Park.Huanggekeng		
	Community Longcheng Street, Longgang District, Shenzhen, China		

General Description of Antenna		
Product Name:	2.4GHz Antenna	
Model No.:	ZIP20 PLUS	
Frequency Range:	2400MHz-2483.5MHz	
Type of Antenna:	SMD Antenna	
Antenna Gain:	0dBi (Max.)	
Impedance:	50 ohm	

Antenna View (3mm*1.5mm)



1.2 Test Methodology

All measurements contained in this report were conducted with standards IEEE 149-1979 for IEEE Standard Test Procedures for Antennas.

1.3 Test Facilities

Testing Lab: Shenzhen ZRLK Testing Technology Co., Ltd.

All measurement facilities used to collect the measurement data are located at 1F, No. 35 Building, Changxing Technology Industrial Park, Yutang Street, Guangming New District, Shenzhen City, Guangdong Province, China

Antenna Test Report Page 2 of 4

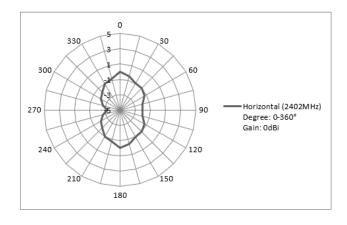


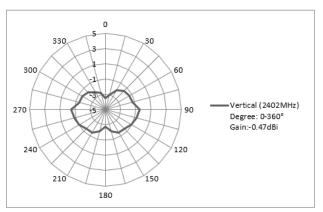
2. OTA Test

2.1 Gain

Frequency	Peak Gain (dBi)	Polarity
2402MHz	0	Horizontal
2402MHz	-0.47	Vertical
2441MHz	-1.21	Horizontal
2441MHz	-1.52	Vertical
2480MHz	-1.87	Horizontal
2480MHz	-2.04	Vertical

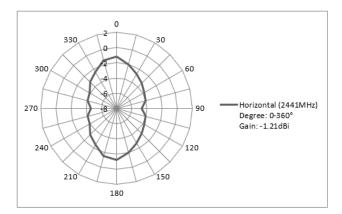
2.2 Radiation Pattern View

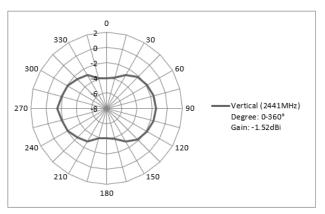


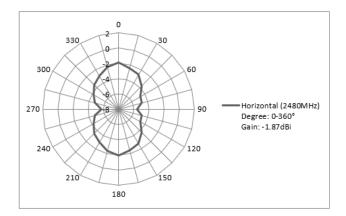


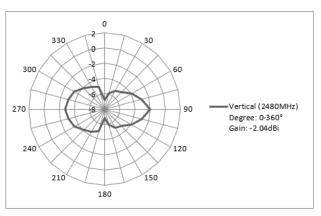
Antenna Test Report Page 3 of 4











Antenna Test Report Page 4 of 4