

# Antenna Test Report

**Test Standard:** IEEE 149-1979

**Manufacturer:** Shenzhen Aipaipai Technology Co., Ltd

**Product Name:** 2.4GHz Antenna

**Model:** V50

**Report No.:** SSP24020072A

**Tested Date:** 2024-03-01

**Issued Date:** 2024-03-21

**Tested By:** William Liu (Engineer)

**Approved By:** Lahm Peng (Manager)

**Prepared By:**

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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.

## 1. General Information

### 1.1 Product Information

Manufacturer	
Manufacturer:	Shenzhen Aipaipai Technology Co., Ltd
Address of Manufacturer:	202, 2nd Floor, Building AB, De Cheng Industrial Zone, Guan Jing Tou, Feng Gang Town, Dongguan City, Guangdong Province, China.

General Description of Antenna	
Product Name:	2.4GHz Antenna
Model No.:	V50
Frequency Range:	2400MHz-2483.5MHz
Type of Antenna:	PCB Antenna
Antenna Gain:	0dBi (Max.)
Impedance:	50 ohm

Antenna View (10mm\*3mm)



### 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

## 2. OTA Test

### 2.1 Gain

Frequency	Peak Gain (dBi)	Polarity
2402MHz	0	Horizontal
2402MHz	-0.3	Vertical
2442MHz	-1.47	Horizontal
2442MHz	-2.02	Vertical
2480MHz	-2.46	Horizontal
2480MHz	-2.98	Vertical

### 2.2 Radiation Pattern View



