

# Antenna Test Report

**Test Standard:** IEEE 149-1979

**Manufacturer:** Foxwear Electronic Technology Co., Ltd

**Product Name:** 2.4GHz Antenna

**Model:** V6S

**Report No.:** SSP23030106A

**Tested Date:** 2023-03-29

**Issued Date:** 2023-03-31

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

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

*William Liu*  
*Lahm Peng*

**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](http://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.

## 1. General Information

### 1.1 Product Information

Manufacturer	
Manufacturer:	Foxwear Electronic Technology Co., Ltd
Address of Manufacturer:	Rm 310, Hall 2, Zhihui Bldg, Rongfeng Zhihui Park Xiangye Road., Nanwan Str., Longgang Dist., Shenzhen, China

General Description of Antenna	
Product Name:	2.4GHz Antenna
Model No.:	V6S
Frequency Range:	2412MHz-2462MHz
Type of Antenna:	PCB Antenna
Antenna Gain:	0dBi (Max.)
Impedance:	50 ohm
Antenna View (15mm*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

## 2. OTA Test

### 2.1 Gain

Frequency	Peak Gain (dBi)	Polarity
2412MHz	0	Horizontal
2412MHz	-0.89	Vertical
2437MHz	-1.68	Horizontal
2437MHz	-2.05	Vertical
2462MHz	-2.53	Horizontal
2462MHz	-3.25	Vertical

### 2.2 Radiation Pattern View



