

# Antenna Test Report

**Test Standard:** IEEE 149-1979

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

**Product Name:** 2.4GHz Antenna

**Model:** VK-G1

**Report No.:** SSP23080038A

**Tested Date:** 2023-08-01

**Issued Date:** 2023-08-02

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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 permission by Shenzhen ZRLK Testing Technology Co., Ltd.

## 1. General Information

### 1.1 Product Information

<b>Manufacturer</b>	
Manufacturer:	Shenzhen fangyingzhilian Technology Co., Ltd
Address of Manufacturer:	Room 1301, Block B2, Building 9, District 2, ShenzhenBay Science and Technology Ecological Park, No. 3609.BaishiRoad, Yuehai Street. Nanshan District, Shenzhen

<b>General Description of Antenna</b>	
Product Name:	2.4GHz Antenna
Model No.:	VK-G1
Frequency Range:	2400MHz-2500MHz
Type of Antenna:	PIFAAntenna
Antenna Gain:	1.73dBi (Max.)
Impedance:	50 ohm
Antenna View (60mm*15mm)	
	

### 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

<b>Testing Lab: Shenzhen ZRLK Testing Technology Co., Ltd.</b>
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	E (%)	Max Gain
2400MHz	62%	1.32
2410MHz	61%	1.36
2420MHz	61%	1.16
2430MHz	61%	1.34
2440MHz	60%	1.44
2450MHz	58%	1.65
2460MHz	58%	1.55
2470MHz	57%	1.29
2480MHz	57%	1.43
2490MHz	58%	1.73
2500MHz	59%	1.73

### 2.2 Radiation Pattern View

