

# 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

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

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

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**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 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

General Description of Antenna	
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

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	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

