

# Antenna Test Report

**Test Standard:** IEEE 149-1979

**Manufacturer:** Shenzhen EnLe Industry Co., Ltd

**Product Name:** 2.4GHz Antenna

**Model:** ES5

**Report No.:** SSP22110006A

**Tested Date:** 2022-11-01

**Issued Date:** 2022-11-02

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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 EnLe Industry Co., Ltd
Address of Manufacturer:	3rd Floor, Building C, New Retail Digital Industrial Park, Nanchang
	Community, Xixiang Street, Bao'an District, Shenzhen, China, 518126

<b>General Description of Antenna</b>	
Product Name:	2.4GHz Antenna
Model No.:	ES5
Frequency Range:	2400MHz-2483.5MHz
Type of Antenna:	SMD Antenna
Antenna Gain:	2.7dBi (Max.)
Impedance:	50 ohm

Antenna View (2mm\*6mm)



### 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	Peak Gain (dBi)	Polarity
2402MHz	2.7	Horizontal
2402MHz	2.65	Vertical
2442MHz	2.13	Horizontal
2442MHz	1.57	Vertical
2480MHz	0	Horizontal
2480MHz	-0.5	Vertical

### 2.2 Radiation Pattern View



