

# Antenna Test Report

**Test Standard:** IEEE 149-1979

**Manufacturer:** Shantou Jiangyu Intelligent Technology Co., Ltd.

**Product Name:** 2.4GHz Antenna

**Model:** JY-YK

**Report No.:** SSP22070029A

**Tested Date:** 2022-07-05

**Issued Date:** 2022-07-08

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

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

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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:            | Shantou Jiangyu Intelligent Technology Co., Ltd.                                                                                    |
| Address of Manufacturer: | North side of the seventh floor, Tongrui Business Building, Tai'an Road, Shangdai, Chenghua Street, Chenghai District, Shantou City |

| General Description of Antenna                                                      |                   |
|-------------------------------------------------------------------------------------|-------------------|
| Product Name:                                                                       | 2.4GHz Antenna    |
| Model No.:                                                                          | JY-YK             |
| Frequency Range:                                                                    | 2400MHz-2483.5MHz |
| Type of Antenna:                                                                    | Integral Antenna  |
| Antenna Gain:                                                                       | 0dBi (Max.)       |
| Impedance:                                                                          | 50 ohm            |
| Antenna View (120mm*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   |
|-----------|-----------------|------------|
| 2402MHz   | 0               | Horizontal |
| 2402MHz   | -0.1            | Vertical   |
| 2442MHz   | -0.2            | Horizontal |
| 2442MHz   | -0.1            | Vertical   |
| 2480MHz   | -0.3            | Horizontal |
| 2480MHz   | -0.3            | Vertical   |

### 2.2 Radiation Pattern View



