

# Antenna Test Report

## For Mainboard

**Test Standard:** IEEE 149-1979

**Manufacturer:** Dongguan Unity Win Electronic Tech Co., Limited

**Product Name:** 2.4GHz Antenna

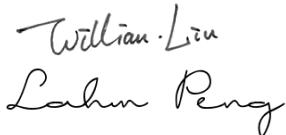
**Model:** ISK204-BLK

**Report No.:** SSP23050041A-1

**Tested Date:** 2023-05-05

**Issued Date:** 2023-05-09

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



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



**Prepared By:**

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## 1. General Information

### 1.1 Product Information

<b>Manufacturer</b>	
Manufacturer:	Dongguan Unity Win Electronic Tech Co., Limited
Address of Manufacturer:	F501, Building 2, No.30 XinHua Rd, WanJiang Street, Dongguan, Guangdong, China

<b>General Description of Antenna</b>	
Product Name:	2.4GHz Antenna
Model No.:	ISK204-BLK
Frequency Range:	2400MHz-2483.5MHz
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

<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	0	Horizontal
2402MHz	-0.83	Vertical
2442MHz	-1.58	Horizontal
2442MHz	-2.08	Vertical
2480MHz	-2.35	Horizontal
2480MHz	-2.97	Vertical

### 2.2 Radiation Pattern View

