

# Antenna Test Report

**Test Standard:** IEEE 149-1979

**Manufacturer:** INNOVATIVE SIBER GUVENLIK YAZILIM ANONIM SIRKETI

**Product Name:** 2.4GHz Antenna

**Model:** A1001

**Report No.:** SSP23120078A

**Tested Date:** 2023-09-27

**Issued Date:** 2023-09-28

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

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

*William Liu*  
*Lahm Peng*

**Prepared By:**

**Shenzhen ZRLK Testing Technology Co., Ltd.**

1F, No. 35 Building, Changxing Technology Industrial Park, Yutang Street,  
Guangming New District, Shenzhen City, Guangdong Province, China

Tel.: +86-755-33019599 Fax.: +86-755-33019599 Website: www.zrlklab.com

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

<b>Manufacturer</b>	
Manufacturer:	INNOVATIVE SIBER GUVENLIK YAZILIM ANONIM SIRKETI
Address of Manufacturer:	MUALLIMKOY MAH. DENIZ CAD. NO. 143-5, 33 GEBZE, KOCAELI, Turkey 41400

<b>General Description of Antenna</b>	
Product Name:	2.4GHz Antenna
Model No.:	A1001
Frequency Range:	2400MHz-2483.5MHz
Type of Antenna:	FPCB Antenna
Antenna Gain:	-0.58dBi (Max.)
Impedance:	50 ohm
Antenna View (145mm*35mm)	
	

### 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	-0.58	Horizontal
2402MHz	-0.77	Vertical
2441MHz	-1.28	Horizontal
2441MHz	-1.39	Vertical
2480MHz	-1.46	Horizontal
2480MHz	-1.58	Vertical

### 2.2 Radiation Pattern View



