

# Antenna Test Report

**Test Standard:** IEEE 149-1979

**Manufacturer:** Guangdong Xin Qian Chao Information Technology Co., Ltd

**Product Name:** 2.4GHz Antenna

**Model:** SnowTune

**Report No.:** SSP23100078A

**Tested Date:** 2023-10-12

**Issued Date:** 2023-10-13

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



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



**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](http://www.zrlklab.com)

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## 1. General Information

### 1.1 Product Information

<b>Manufacturer</b>	
Manufacturer:	Guangdong Xin Qian Chao Information Technology Co., Ltd
Address of Manufacturer:	Nanshan Yungu Innovation Industrial Park, No. 4093, Liuxian Avenue,
	Taoyuan Street, Nanshan District, Shenzhen, China

<b>General Description of Antenna</b>	
Product Name:	2.4GHz Antenna
Model No.:	SnowTune
Frequency Range:	2400MHz-2483.5MHz
Type of Antenna:	PCB Antenna
Antenna Gain:	1dBi (Max.)
Impedance:	50 ohm

Antenna View (12mm\*7mm)



### 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	1	Horizontal
2402MHz	-0.65	Vertical
2442MHz	-1.66	Horizontal
2442MHz	-2.52	Vertical
2480MHz	-2.72	Horizontal
2480MHz	-2.98	Vertical

### 2.2 Radiation Pattern View



