

# Antenna Test Report

**Test Standard:** IEEE 149-1979

**Manufacturer:** HUIZHOU TIANYIN MUSICAL INSTRUMENTS CO., LTD.

**Product Name:** 2.4GHz Antenna

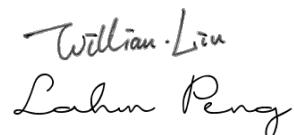
**Model:** MP-10-TX

**Report No.:** SSP23110025-1A

**Tested Date:** 2023-10-22

**Issued Date:** 2023-10-23

**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:	HUIZHOU TIANYIN MUSICAL INSTRUMENTS CO., LTD.
Address of Manufacturer:	NO.1-11, KAICHENG AV., XIQU, DAYA BAY, HUIZHOU, CHINA

<b>General Description of Antenna</b>	
Product Name:	2.4GHz Antenna
Model No.:	MP-10-TX
Frequency Range:	2400MHz-2483.5MHz
Type of Antenna:	PCB Antenna
Antenna Gain:	0dBi (Max.)
Impedance:	50 ohm

Antenna View (16mm\*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	0	Horizontal
2402MHz	-0.44	Vertical
2441MHz	-1.25	Horizontal
2441MHz	-1.56	Vertical
2480MHz	-1.84	Horizontal
2480MHz	-2.01	Vertical

### 2.2 Radiation Pattern View

