

# Antenna Test Report

**Test Standard:** IEEE 149-1979

**Manufacturer:** Hubei Saitake Electronic Co., Ltd.

**Product Name:** 2.4GHz Antenna

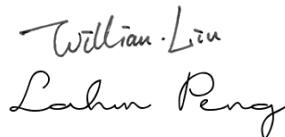
**Model:** STK-8040FRG

**Report No.:** SSP24030053A

**Tested Date:** 2024-03-08

**Issued Date:** 2024-03-25

**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:	Hubei Saitake Electronic Co., Ltd.
Address of Manufacturer:	Building 8, Garment Industrial Park, No.1, Fazhan Avenue, Maoshi Town, Jianli City, Jingzhou City, Hubei Province, China

<b>General Description of Antenna</b>	
Product Name:	2.4GHz Antenna
Model No.:	STK-8040FRG
Frequency Range:	2400MHz-2483.5MHz
Type of Antenna:	PCB Antenna
Antenna Gain:	0dBi (Max.)
Impedance:	50 ohm
Antenna View (15mm*3mm)	
	

### 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	-0.3	Vertical
2442MHz	-1.47	Horizontal
2442MHz	-2.02	Vertical
2480MHz	-2.46	Horizontal
2480MHz	-2.98	Vertical

### 2.2 Radiation Pattern View

