

# Antenna Test Report

**Report No.** : SSP24060151-2A

**Manufacturer** : Xiamen AiYin Technology Co., Ltd.

**Product Name** : 2.4GHz Antenna

**Model Name** : E40 Pro

**Test Standard** : IEEE 149-1979

**Tested Date** : 2024-05-26

**Issued Date** : 2024-06-02

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

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



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This test report is limited to the above client company and the product model only. It may not be duplicated  
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# 1. General Information

## 1.1 Product Information

Manufacturer:	Xiamen AiYin Technology Co., Ltd.
Address of Manufacturer:	3rd, 4th and 5th floor, No. 101, Huli Industrial Park, Meixi Road, Tong'an District, Xiamen City
Product Name:	2.4GHz Antenna
Model Name:	E40 Pro
Frequency Range:	2400MHz - 2483.5MHz
Type of Antenna:	PCB Antenna
Antenna Gain:	0dBi (Max.)
Impedance:	50 ohm
Antenna View:	<div>Antenna View (15mm* 7mm)</div> <div>A photograph of a green PCB antenna with a meander line pattern.</div>

## 1.2 Test Standard

All measurements contained in this report were conducted with standards IEEE 149-1979 for IEEE Standard Test Procedures for Antennas.

## 1.3 Test Facilities

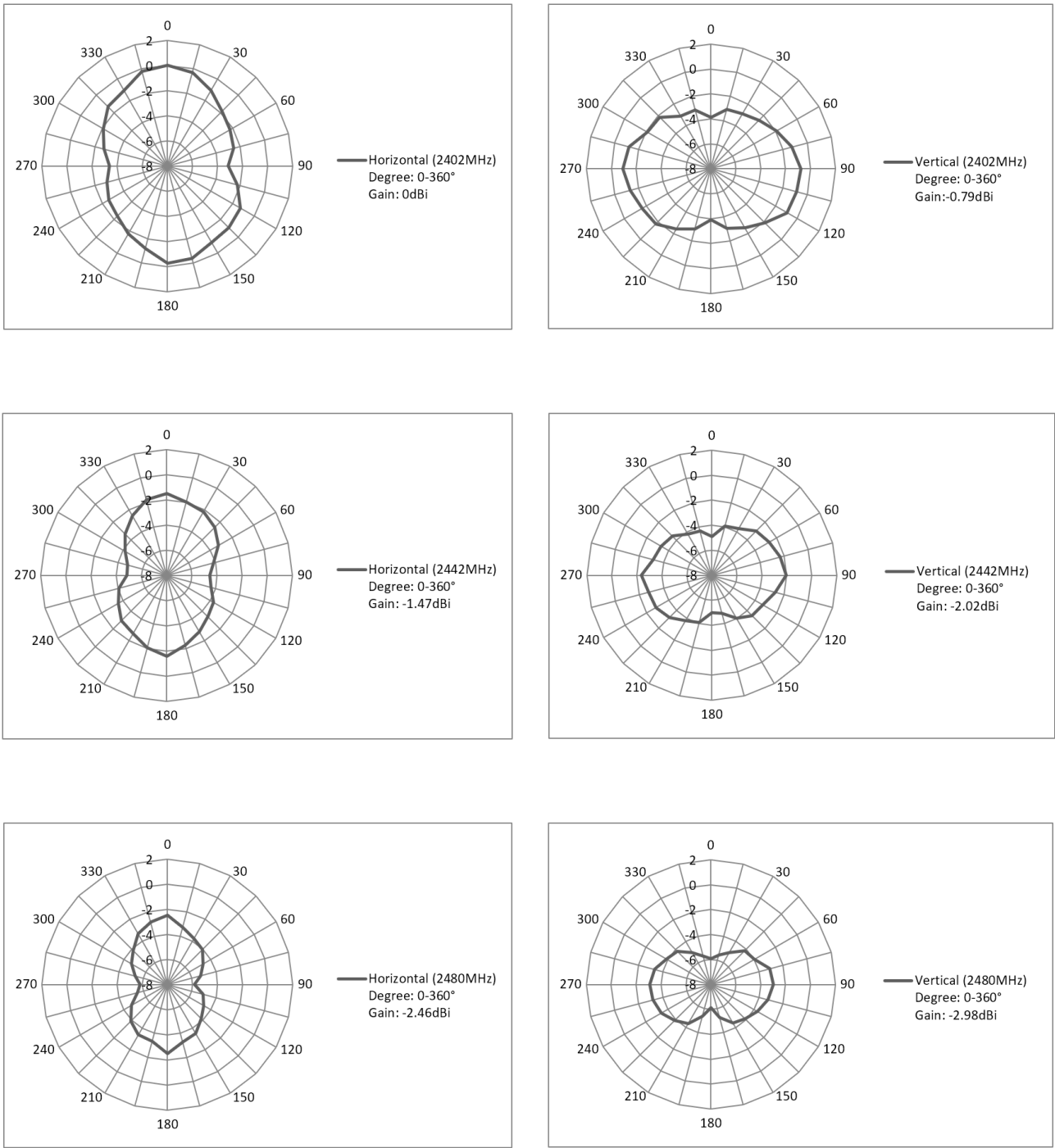
Laboratory Name:	<b>Shenzhen CCUT Quality Technology Co., Ltd.</b> 1F, Building 35, Changxing Technology Industrial Park, Yutang Street, Guangming District, Shenzhen, Guangdong, China
All measurement facilities used to collect the measurement data are located at 1F, Building 35, Changxing Technology Industrial Park, Yutang Street, Guangming District, Shenzhen, Guangdong, China.	

# 2. OTA Test

## 2.1 Gain

Frequency	Peak Gain (dBi)	Polarity
2402MHz	0	Horizontal
2402MHz	-0.79	Vertical
2442MHz	-1.47	Horizontal
2442MHz	-2.02	Vertical
2480MHz	-2.46	Horizontal
2480MHz	-2.98	Vertical

2.2 Radiation Pattern View



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