

Antenna Test Report

Report No. : SSP24060268-2A

Manufacturer : Shenzhen Unichain Technology Co., Ltd

Product Name : 2.4GHz Antenna

Model Name : TK-HS012

Test Standard : IEEE 149-1979

Tested Date : 2024-06-26

Issued Date : 2024-06-28

Tested By : William Liu William Liu(Engineer)

Approved By : Lahm Peng Lahm Peng (Manager)



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1. General Information

1.1 Product Information

Manufacturer:	Shenzhen Unichain Technology Co., Ltd
Address of Manufacturer:	201, 111-3, Huangjinshan District, Bantian Community, Bantian Street, Longgang District, Shenzhen, China
Product Name:	2.4GHz Antenna
Model Name:	TK-HS012
Frequency Range:	2400MHz - 2483.5MHz
Type of Antenna:	PCB Antenna
Antenna Gain:	1.8dBi (Max.)
Impedance:	50 ohm
Antenna View:	Length * Width (10mm * 5cm) 

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

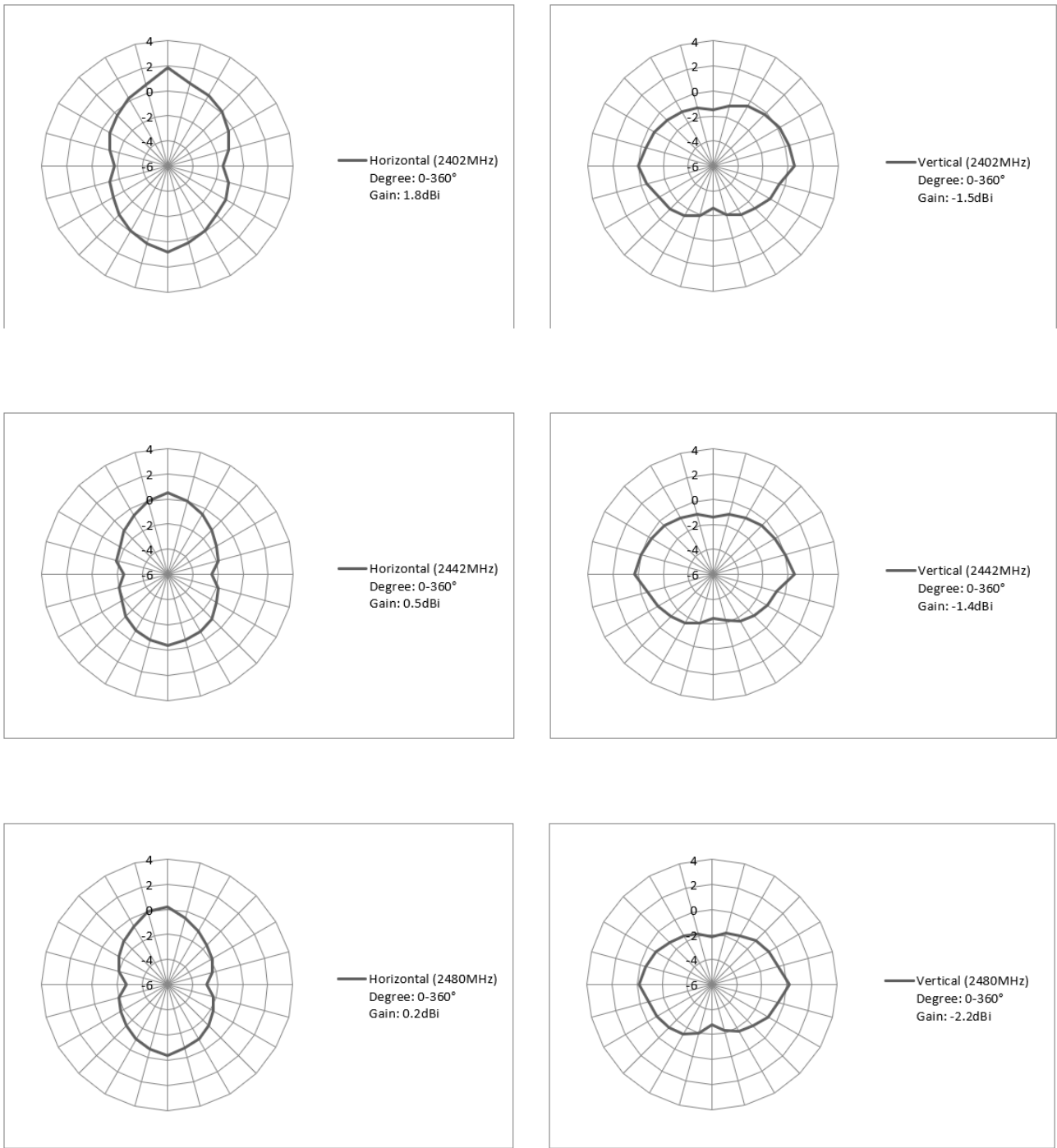
Laboratory Name:	Shenzhen CCUT Quality Technology Co., Ltd. 1F, Building 35, Changxing Technology Industrial Park, Yutang Street, Guangming District, Shenzhen, Guangdong, China
All measurement facilities used to collect the measurement data are located at 1F, Building 35, Changxing Technology Industrial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

2. OTA Test

2.1 Gain

Frequency	Peak Gain (dBi)	Polarity
2402MHz	1.8	Horizontal
2402MHz	-1.5	Vertical
2442MHz	0.5	Horizontal
2442MHz	-1.4	Vertical
2480MHz	0.2	Horizontal
2480MHz	-2.2	Vertical

2.2 Radiation Pattern View



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