

Antenna Test Report

Report No. : SSP24030149-1E

Manufacturer : Zhengzhou Yulong Electronic Technology Co., Ltd

Product Name : 2.4GHz Antenna

Model Name : Wireless industrial remote controller

Test Standard : IEEE 149-1979

Tested Date : 2024-03-22

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Tested By : William Liu William Liu(Engineer)

Approved By : Lahm Peng Lahm Peng (Manager)



Shenzhen CCUT Quality Technology Co., Ltd.

1F, Building 35, Changxing Technology Industrial Park, Yutang Street, Guangming District, Shenzhen,
Guangdong, China; (Tel.:+86-755-23406590 website: www.ccuttest.com)

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1. General Information

1.1 Product Information

Manufacturer:	Zhengzhou Yulong Electronic Technology Co., Ltd
Address of Manufacturer:	Building 7, East Zone, Electronic and Electrical Industry Park, High tech Development Zone, Zhengzhou City, Henan Province, China
Product Name:	2.4GHz Antenna
Model Name:	F21-E1B
Frequency Range:	2400MHz - 2483.5MHz
Type of Antenna:	Integral Antenna
Antenna Gain:	0dBi (Max.)
Impedance:	50 ohm
Antenna View:	Length * Width (38cm * 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

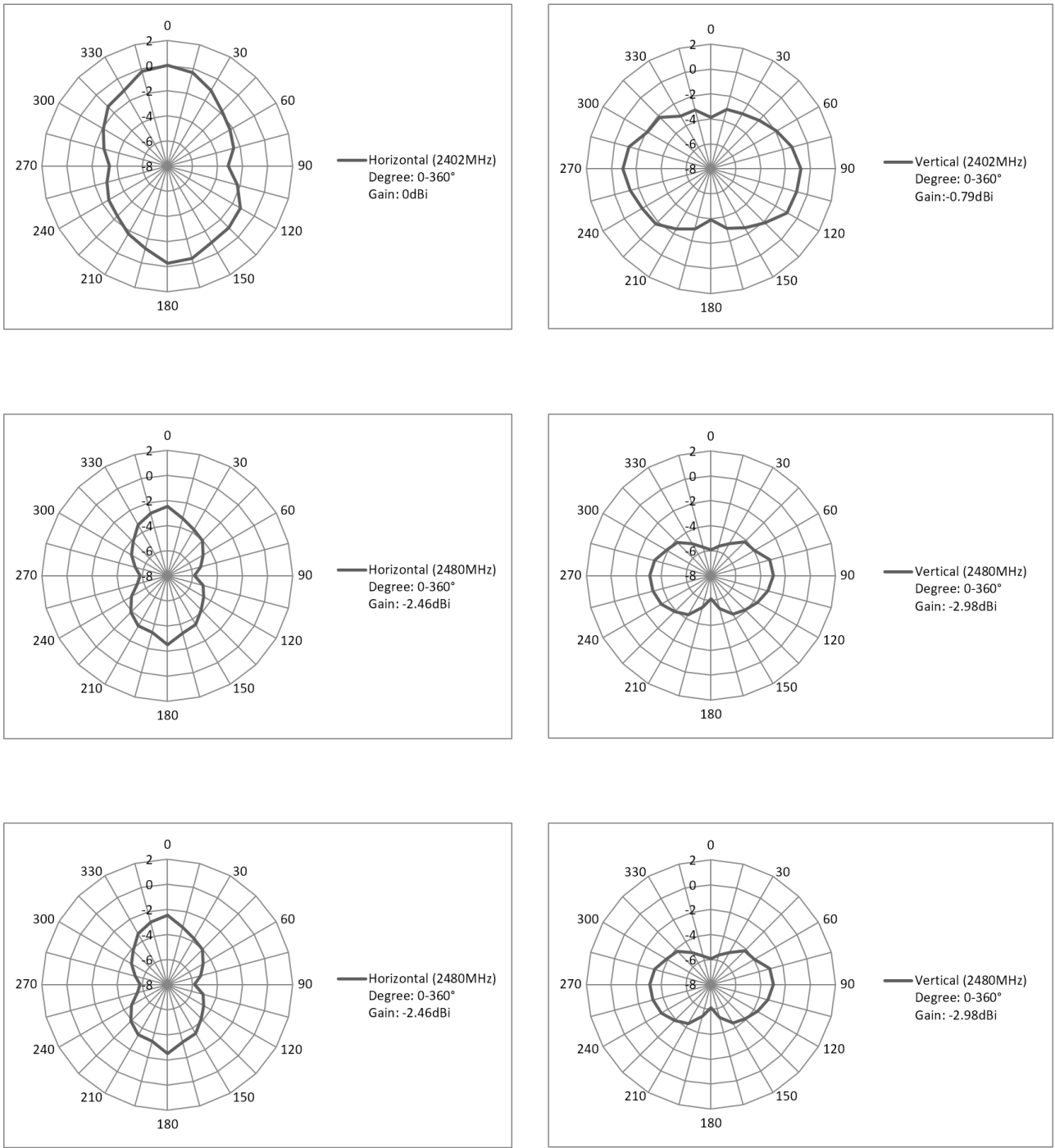
Laboratory Name:	Shenzhen CCUT Quality Technology Co., Ltd. 1F, Building 35, Changxing Technology Industrial Park, Yutang Street, Guangming District, Shenzhen, Guangdong, China
All measurement facilities used to collect the measurement data are located at 1F, Building 35, Changxing Technology Industrial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

2. OTA Test

2.1 Gain

Frequency	Peak Gain (dBi)	Polarity
2402MHz	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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