

Antenna Test Report

Report No. : SSP24030167-1E

Manufacturer : Zhongshan Guzhen Weiyu Lighting Factory

Product Name : 433.92MHz Antenna

Model Name : Transmitter

Test Standard : IEEE 149-1979

Tested Date : 2024-04-18

Issued Date : 2024-04-19

Tested By : William Liu William Liu(Engineer)

Approved By : Lahm Peng Lahm Peng (Manager)



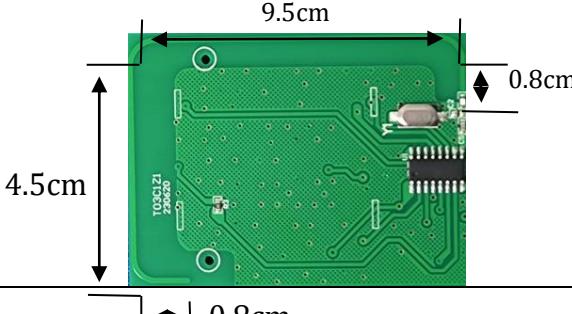
Shenzhen CCUT Quality Technology Co., Ltd.

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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:	433.92Hz Antenna
Model Name:	F21-E1B
Frequency Range:	433.92MHz
Type of Antenna:	PCB Antenna
Antenna Gain:	0dBi (Max.)
Impedance:	50 ohm
Antenna View:	 <p>The diagram shows a green printed circuit board (PCB) with various electronic components. A vertical double-headed arrow on the left indicates a height of 4.5cm. A horizontal double-headed arrow at the top indicates a width of 9.5cm. A horizontal double-headed arrow at the bottom indicates a side gap of 0.8cm.</p>

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

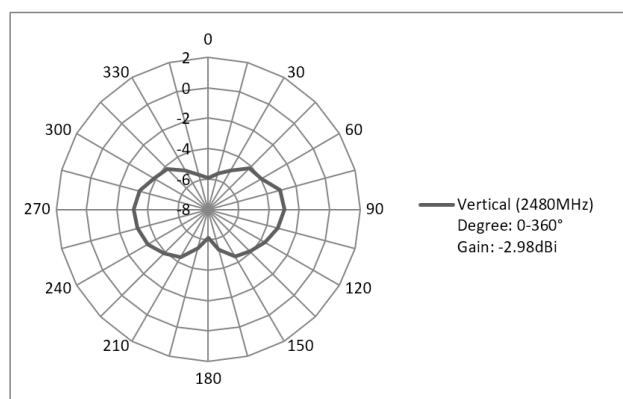
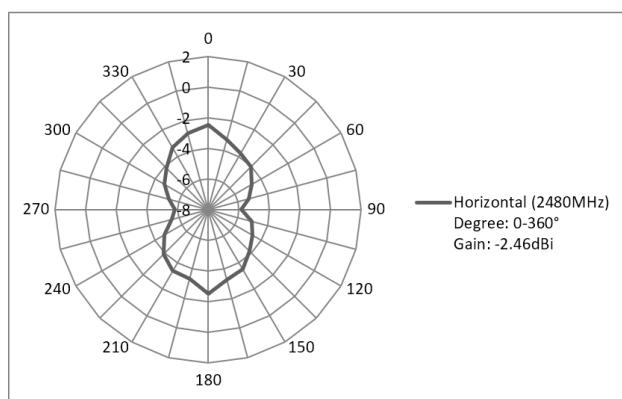
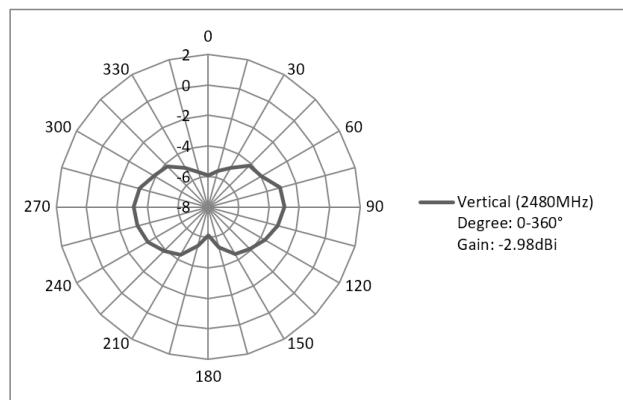
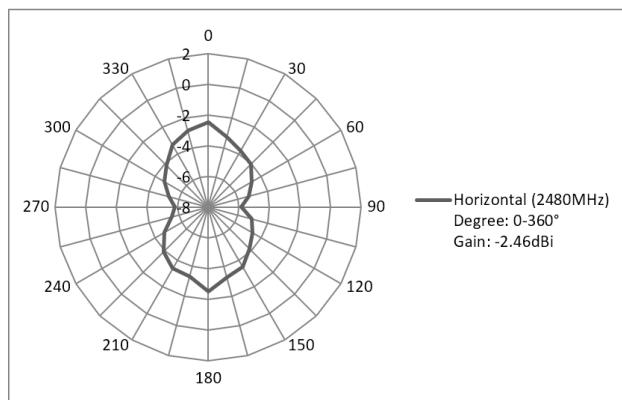
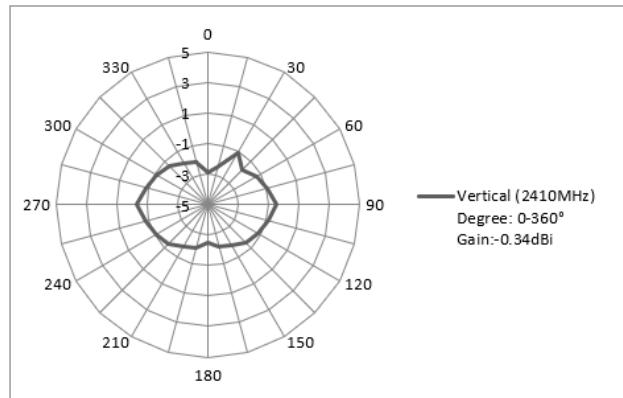
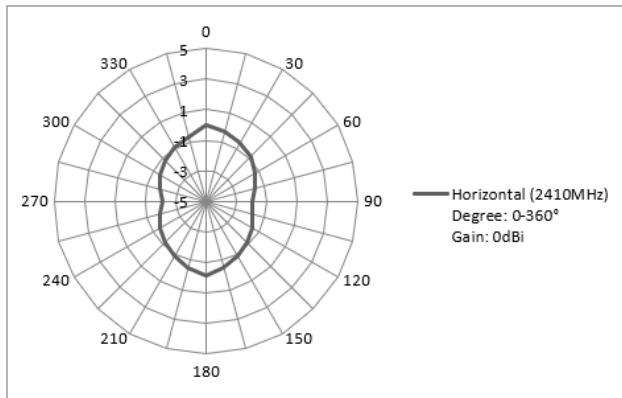
Laboratory Name:	Shenzhen CCUT Quality Technology Co., Ltd. 1F, Building 35, Changxing Technology Industrial Park, Yutang Street, Guangming District, Shenzhen, Guangdong, China
All measurement facilities used to collect the measurement data are located at 1F, Building 35, Changxing Technology Industrial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

2. OTA Test

2.1 Gain

Frequency	Peak Gain (dBi)	Polarity
2402MHz	0	Horizontal
2402MHz	-0.34	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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