

Antenna Test Report

Report No. : SSP24060253-2A

Manufacturer : FOSHAN SILVER STAR INTELLIGENT MANUFACTURING CO., LTD.

Product Name : PCB Antenna

Model Name : X5

Test Standard : IEEE 149-1979

Tested Date : 2024-06-23

Issued Date : 2024-06-25

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.ccutttest.com)

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1. General Information

1.1 Product Information

Manufacturer:	FOSHAN SILVER STAR INTELLIGENT MANUFACTURING CO., LTD.
Address of Manufacturer:	No.2 Baohui Road, Yang'e Village, Lunjiao Street, Shunde, Foshan, Guangdong, China
Product Name:	PCB Antenna
Model Name:	X5
Frequency Range:	2412MHz - 2462MHz
Type of Antenna:	PCB Antenna
Antenna Gain:	0dBi (Max.)
Impedance:	50 ohm
Antenna View:	Length * Width (1.5cm * 0.5cm) 

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

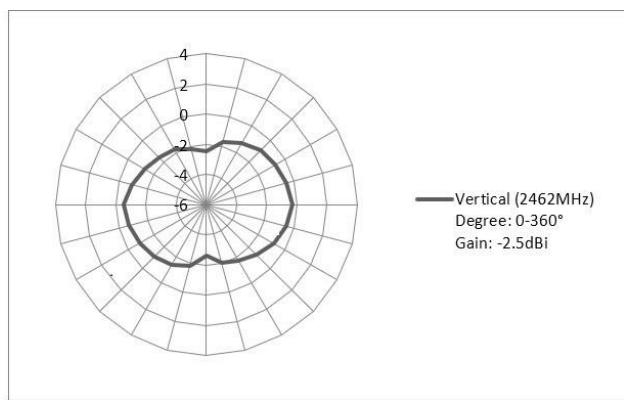
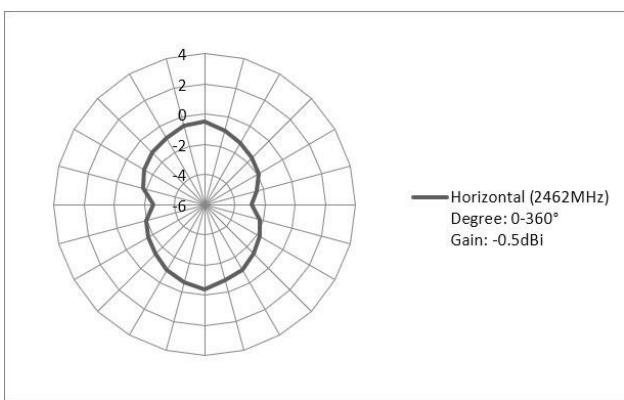
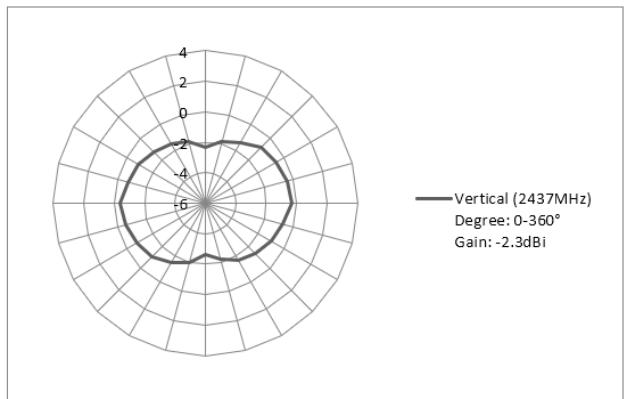
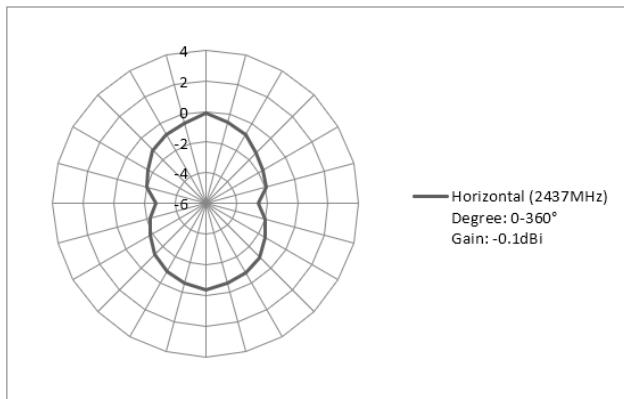
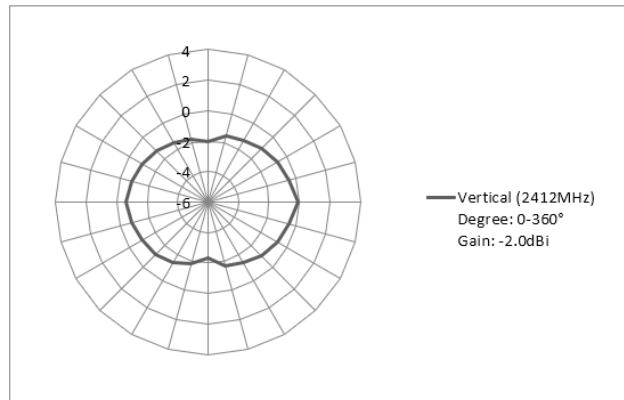
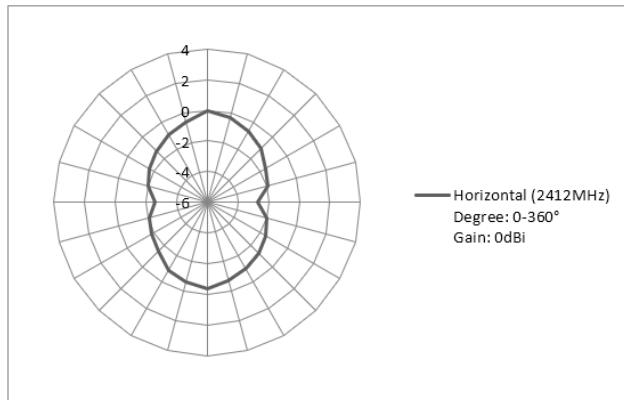
Laboratory Name:	Shenzhen CCUT Quality Technology Co., Ltd. 1F, Building 35, Changxing Technology Industrial Park, Yutang Street, Guangming District, Shenzhen, Guangdong, China
All measurement facilities used to collect the measurement data are located at 1F, Building 35, Changxing Technology Industrial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

2. OTA Test

2.1 Gain

Frequency	Peak Gain (dBi)	Polarity
2412MHz	0	Horizontal
2412MHz	-2.0	Vertical
2437MHz	-0.1	Horizontal
2437MHz	-2.3	Vertical
2462MHz	-0.5	Horizontal
2462MHz	-2.5	Vertical

2.2 Radiation Pattern View



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