

# Antenna Test Report

**Report No.** : SSP24010001-1E

**Manufacturer** : CHONGQING MOFFY INNOVATION TECHNOLOGY CO., LTD.

**Product Name** : 2.4GHz Antenna

**Model Name** : SMPF-2S

**Test Standard** : IEEE 149-1979

**Tested Date** : 2024-03-22

**Issued Date** : 2024-03-23

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

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



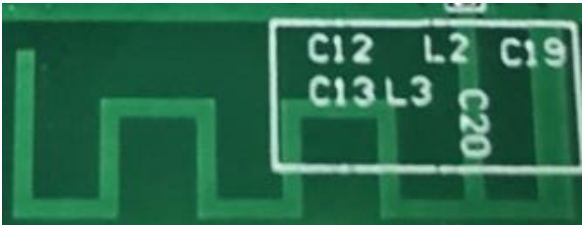
**Shenzhen CCUT Quality Technology Co., Ltd.**

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

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# 1. General Information

## 1.1 Product Information

|                          |  |
|--------------------------|--|
| Manufacturer:            | CHONGQING MOFFY INNOVATION TECHNOLOGY CO., LTD.  |
| Address of Manufacturer: | No.292 Jingdongfang Rd.Beibei Dist, Chongqing, Chongqing, 400714, China  |
|                          |  |
| Product Name:            | 2.4GHz Antenna   |
| Model Name:              | SMPF-2S  |
| Frequency Range:         | 2400MHz - 2483.5MHz  |
| Type of Antenna:         | PCB Antenna  |
| Antenna Gain:            | 0dBi (Max.)  |
| Impedance:               | 50 ohm   |
|                          |  |
| Antenna View:            | <div>Length * Width (2cm * 0.8cm)</div> <div></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

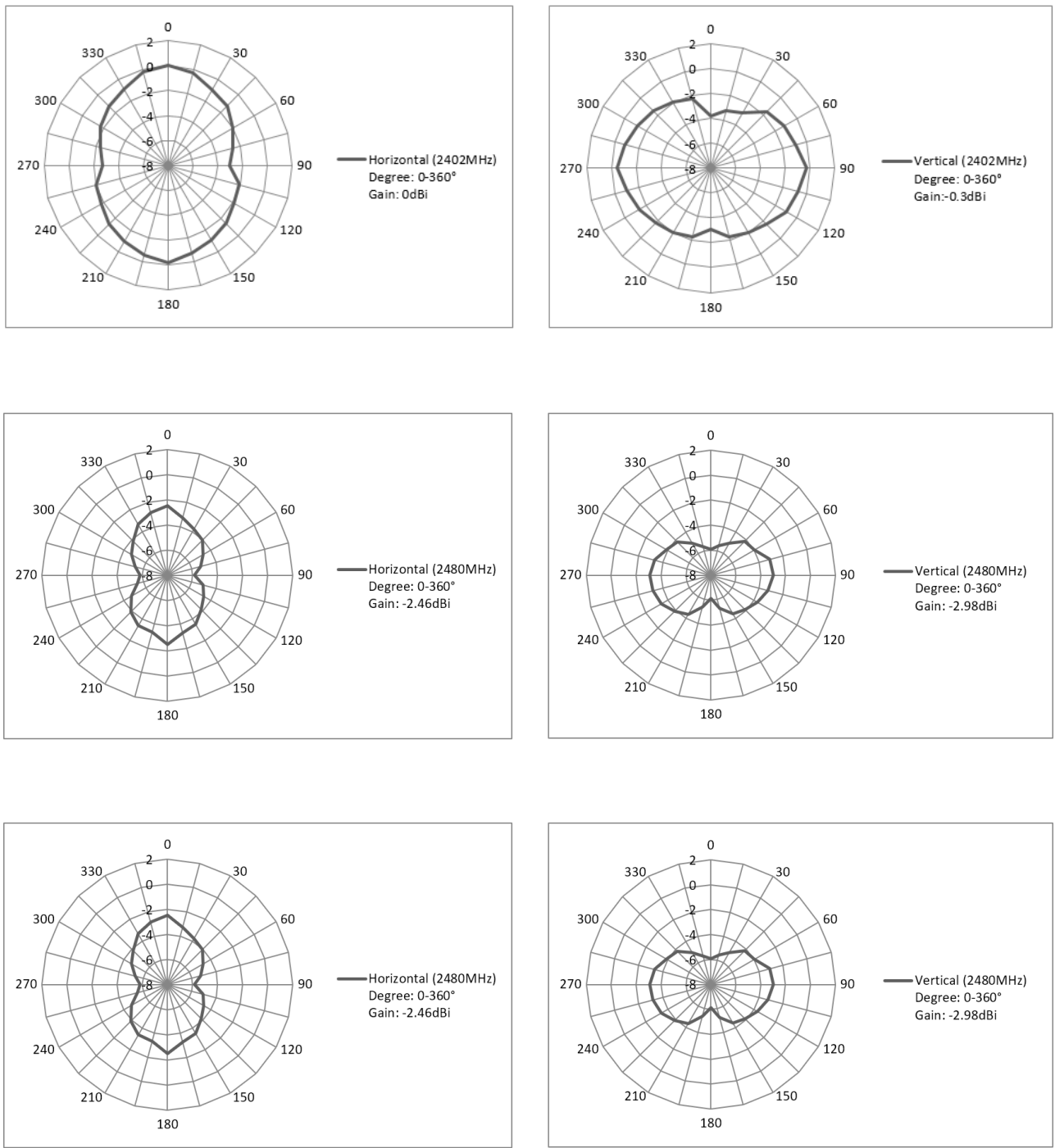
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| Laboratory Name:   | <b>Shenzhen CCUT Quality Technology Co., Ltd.</b><br>1F, Building 35, Changxing Technology Industrial Park, Yutang Street,<br>Guangming District, Shenzhen, Guangdong, China |
| All measurement facilities used to collect the measurement 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   | -0.3            | Vertical   |
| 2442MHz   | -1.47           | Horizontal |
| 2442MHz   | -2.02           | Vertical   |
| 2480MHz   | -2.46           | Horizontal |
| 2480MHz   | -2.98           | Vertical   |

2.2 Radiation Pattern View



\*\*\*\*\* END OF REPORT \*\*\*\*\*