

Antenna Test Report

Test Standard: IEEE 149-1979

Manufacturer: Shenzhen Dudian Technology Co., Ltd.

Product Name: 2.4GHz Antenna

Model: CT221B

Report No.: SSP23010021A

Tested Date: 2023-01-08

Issued Date: 2023-01-13

Tested By: William Liu (Engineer)

Approved By: Lahm Peng (Manager)

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Prepared By:

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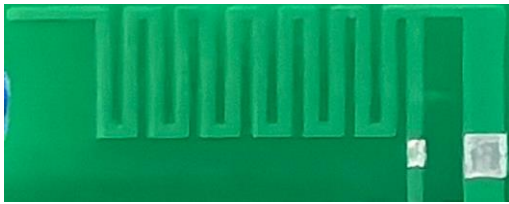
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Note: This test report is limited to the above client company and the product model only. It may not be duplicated without prior permitted by Shenzhen ZRLK Testing Technology Co., Ltd.

1. General Information

1.1 Product Information

| Manufacturer | |
|--------------------------|---|
| Manufacturer: | Shenzhen Dudian Technology Co., Ltd. |
| Address of Manufacturer: | 1101, Building 3, COFCO Chuangzhi Factory, No. 67 District, Xingdong, Xin'an, Bao'an, Shenzhen, Guangdong, China |

| General Description of Antenna | |
|---|-------------------|
| Product Name: | 2.4GHz Antenna |
| Model No.: | CT221B |
| Frequency Range: | 2400MHz-2483.5MHz |
| Type of Antenna: | PCB Antenna |
| Antenna Gain: | 0dBi (Max.) |
| Impedance: | 50 ohm |
| Antenna View (10mm*5mm) | |
|  | |

1.2 Test Methodology

All measurements contained in this report were conducted with standards IEEE 149-1979 for IEEE Standard Test Procedures for Antennas.

1.3 Test Facilities

| Testing Lab: Shenzhen ZRLK Testing Technology Co., Ltd. |
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| All measurement facilities used to collect the measurement data are located at 1F, No. 35 Building, Changxing Technology Industrial Park, Yutang Street, Guangming New District, Shenzhen City, Guangdong Province, China |

2. OTA Test

2.1 Gain

| Frequency | Peak Gain (dBi) | Polarity |
|-----------|-----------------|------------|
| 2402MHz | 0 | Horizontal |
| 2402MHz | -0.88 | Vertical |
| 2442MHz | -1.57 | Horizontal |
| 2442MHz | -2.04 | Vertical |
| 2480MHz | -2.77 | Horizontal |
| 2480MHz | -3.27 | Vertical |

2.2 Radiation Pattern View

