

Antenna Test Report

Test Standard: <u>IEEE 149-1979</u>

Manufacturer: Guangzhou Tedian Optoelectronic Technology Co., Ltd

Product Name: 2.4GHz Antenna

Model: 12LED

Report No.: SSP24040148A

Tested Date: <u>2024-04-11</u>

Issued Date: <u>2024-04-12</u>

Tested By: William Liu (Engineer)

Approved By: Lahm Peng (Manager)

Prepared By:

Shenzhen ZRLK Testing Technology Co., Ltd.

1F, No. 35 Building, Changxing Technology Industrial Park, Yutang Street, Guangming New District, Shenzhen City, Guangdong Province, China

Tel.: +86-755-33019599 Fax.: +86-755-33019599 Website: www.zrlklab.com

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.

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1. General Information

1.1 Product Information

Manufacturer		
Manufacturer:	Guangzhou Tedian Optoelectronic Technology Co., Ltd	
Address of Manufactures	060A, Basement Level 1, Shengda International Automotive Supplies	
Address of Manufacturer:	Square, No. 40 Yongfu Road, Yuexiu District, Guangzhou, China	

General Des	General Description of Antenna				
Product Name:	2.4GHz Antenna				
Model No.:	12LED				
Frequency Range:	2400MHz-2483.5MHz				
Type of Antenna:	PCB Antenna				
Antenna Gain: dBi (Max.)					
Impedance:	50 ohm				
Antenna View (12mm*3mm)					
THUMBI					

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.		
All measurement facilities used to collect the measurement data are located at 1F, No. 35 Building, Changxing		

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Technology Industrial Park, Yutang Street, Guangming New District, Shenzhen City, Guangdong Province, China

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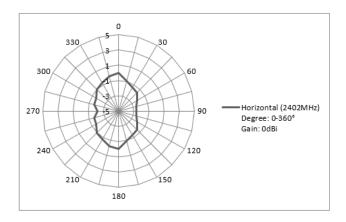


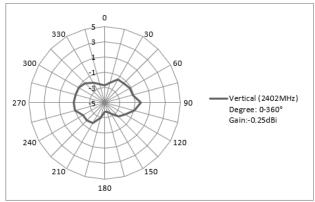
2. OTA Test

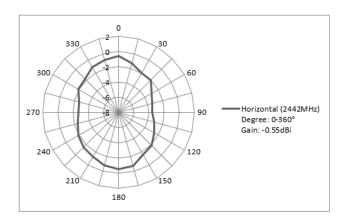
2.1 Gain

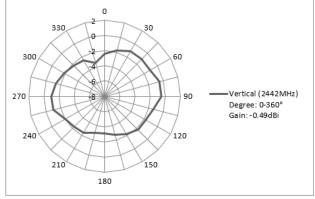
Frequency	Peak Gain (dBi)	Polarity
2402MHz	0	Horizontal
2402MHz	-0.25	Vertical
2442MHz	-0.55	Horizontal
2442MHz	-0.49	Vertical
2480MHz	-1.12	Horizontal
2480MHz	-1.25	Vertical

2.2 Radiation Pattern View



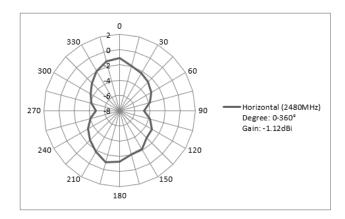


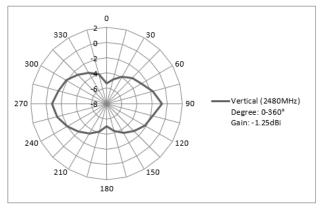




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