

Antenna Test Report

Test Standard: IEEE 149-1979

Manufacturer: Shenzhen Meibo Electronics Co., Ltd.

Product Name: 2.4GHz Antenna

Model: M11-AH

Report No.: SSP24020029A

Tested Date: 2024-02-26

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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 permission by Shenzhen ZRLK Testing Technology Co., Ltd.

1. General Information

1.1 Product Information

Manufacturer	
Manufacturer:	Shenzhen Meibo Electronics Co., Ltd.
Address of Manufacturer:	401, Building C, Tangdong Industrial Park, Hangcheng Avenue, Guxing Community, Xixiang Street, Baoan District, Shenzhen, China.

General Description of Antenna	
Product Name:	2.4GHz Antenna
Model No.:	M11-AH
Frequency Range:	2400MHz-2483.5MHz
Type of Antenna:	FPCB Antenna
Antenna Gain:	0dBi (Max.)
Impedance:	50 ohm
Antenna View (30mm*5mm)	
 A photograph of a rectangular FPCB antenna. It is a dark grey or black rectangular component with a small white connector at one end. It is placed on a blue textured surface, likely a test fixture or a piece of cloth.	

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 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	-1.23	Vertical
2442MHz	-1.86	Horizontal
2442MHz	-2.34	Vertical
2480MHz	-2.92	Horizontal
2480MHz	-3.48	Vertical

2.2 Radiation Pattern View



