

Antenna Test Report

Test Standard: IEEE 149-1979

Manufacturer: SHENZHEN XGRIDS-INNOVATION CO., LTD

Product Name: BT/Wi-Fi Antenna

Model: L1

Report No.: SSP22110041A

Tested Date: 2022-06-23

Issued Date: 2022-06-24

Tested By: William Liu (Engineer)

Approved By: Lahm Peng (Manager)

William Liu
Lahm Peng

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

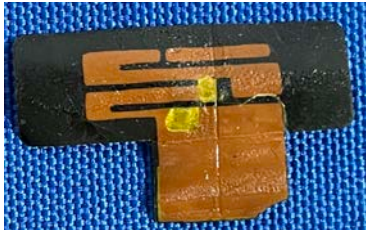
Website: www.zrlklab.com

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.

1. General Information

1.1 Product Information

Manufacturer	
Manufacturer:	SHENZHEN XGRIDS-INNOVATION CO., LTD
Address of Manufacturer:	2207, SHENZHEN OVERSEAS STUDENTS INCUBATOR PARK
	BUILDING 1, SHENZHEN, China

General Description of Antenna	
Product Name:	BT/Wi-Fi Antenna
Model No.:	L1
Frequency Range:	2400MHz-2483.5MHz, 5180MHz-5825MHz
Type of Antenna:	FPCB Antenna
Antenna Gain:	2.4G: 0dBi (Max.), 5G: 0dBi (Max.)
Impedance:	50 ohm
Antenna View (30mm*18mm)	
	

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	-0.66	Vertical
2442MHz	-1.3	Horizontal
2442MHz	-1.48	Vertical
2480MHz	-1.77	Horizontal
2480MHz	-1.89	Vertical
5210MHz	0	Horizontal
5210MHz	-0.64	Vertical
5775MHz	0	Horizontal
5775MHz	-0.97	Vertical

2.2 Radiation Pattern View

