

Antenna Test Report

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

Manufacturer: Shenzhen Hanke Technology Co., Ltd

Product Name: <u>2.4GHz Antenna</u>

Model: RY-BC01

Report No.: <u>SSP23120198A</u>

Tested Date: <u>2023-10-11</u>

Issued Date: <u>2023-10-12</u>

Tested By: William Liu (Engineer)

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Prepared By:

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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.

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1. General Information

1.1 Product Information

Manufacturer	
Manufacturer:	Shenzhen Hanke Technology Co., Ltd
Address of Manufacturer:	Meipeng SKY311, Zhongxing Road, Longgang District, Shenzhen,
	Guangdong, China

General Description of Antenna			
Product Name:	2.4GHz Antenna		
Model No.:	RY-BC01		
Frequency Range:	2400MHz-2483.5MHz		
Type of Antenna:	SMD Antenna		
Antenna Gain:	2.7dBi (Max.)		
Impedance:	50 ohm		
Antenna View (3.2mm*1.6mm*0.45mm)			

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

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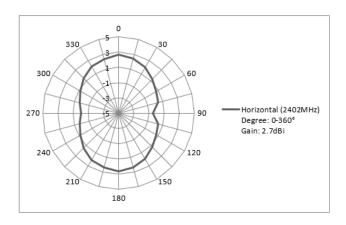


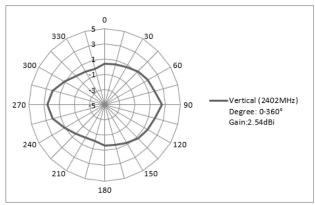
2. OTA Test

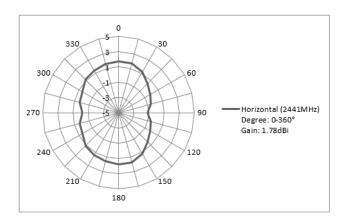
2.1 Gain

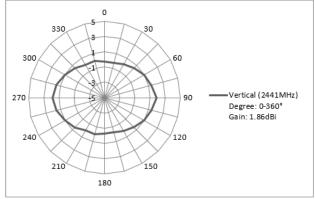
Frequency	Peak Gain (dBi)	Polarity
2402MHz	2.7	Horizontal
2402MHz	2.54	Vertical
2441MHz	1.78	Horizontal
2441MHz	1.86	Vertical
2480MHz	1.55	Horizontal
2480MHz	1.48	Vertical

2.2 Radiation Pattern View



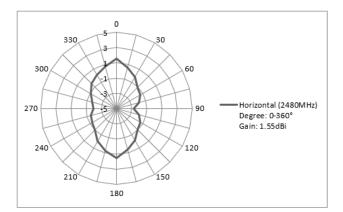


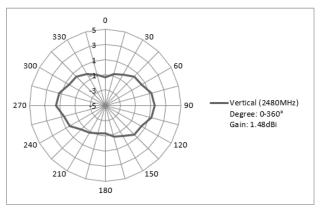




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