

Antenna Test Report

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

Manufacturer: Shenzhen Kingbolen Electrics Technology Co., Ltd.

Product Name: <u>BT/Wi-Fi Antenna</u>

Model: K7

Report No.: SSP22110091A

Tested Date: <u>2022-09-16</u>

Issued Date: <u>2022-09-17</u>

Tested By: William Liu (Engineer)

Approved By: <u>Lahm Peng (Manager)</u>

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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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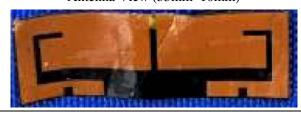
1. General Information

1.1 Product Information

Manufacturer		
Manufacturer:	Shenzhen Kingbolen Electrics Technology Co., Ltd.	
Address of Manufacturer:	B1020-1028 Yousong Technology Building, 1st Donghuan Rd., Longhua	
	Dist., Shenzhen, China	

General Description of Antenna		
Product Name:	BT/Wi-Fi Antenna	
Model No.:	K7	
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 (33mm*10mm)



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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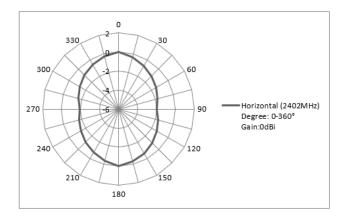


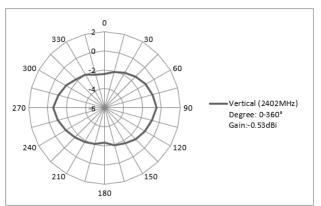
2. OTA Test

2.1 Gain

Frequency	Peak Gain (dBi)	Polarity
2402MHz	0	Horizontal
2402MHz	-0.53	Vertical
2442MHz	-1.2	Horizontal
2442MHz	-1.5	Vertical
2480MHz	-1.84	Horizontal
2480MHz	-1.96	Vertical
5210MHz	0	Horizontal
5210MHz	-0.84	Vertical
5775MHz	0	Horizontal
5775MHz	-1.32	Vertical

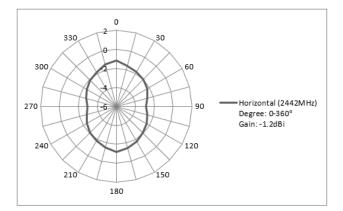
2.2 Radiation Pattern View

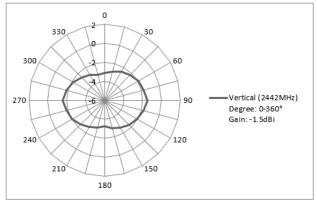


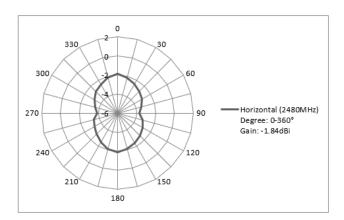


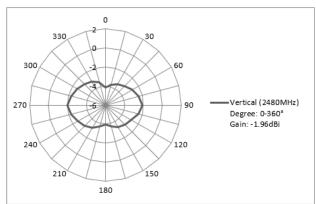
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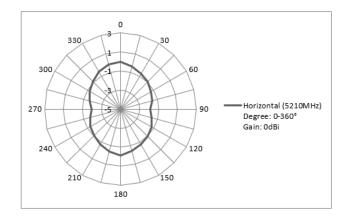


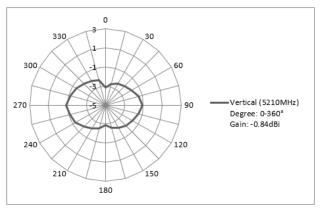


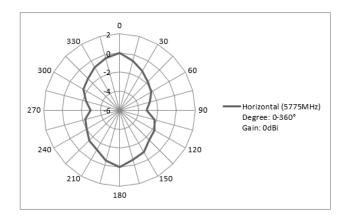


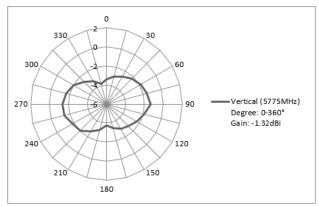












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