

Antenna Test Report

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

Manufacturer: <u>THINKCAR TECH CO., LTD.</u>

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

Model: TKD09

Report No.: <u>SSP23040105A</u>

Tested Date: <u>2023-04-24</u>

Issued Date: <u>2023-04-25</u>

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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.

Antenna Test Report Page 1 of 4



1. General Information

1.1 Product Information

Manufacturer		
Manufacturer:	THINKCAR TECH CO., LTD.	
Address of Manufacturer:	2606, building 4, phase II, Tianan Yungu, Gangtou community, Bantian,	
	Longgang District, Shenzhen, China	

General Description of Antenna		
Product Name:	2.4GHz Antenna	
Model No.:	TKD09	
Frequency Range:	2400MHz-2483.5MHz	
Type of Antenna:	FPCB Antenna	
Antenna Gain:	0dBi (Max.)	
Impedance:	50 ohm	
	Antenna View (21mm*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

Antenna Test Report Page 2 of 4

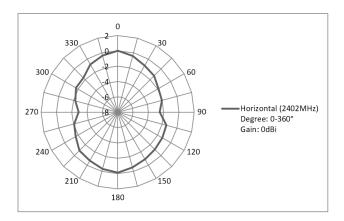


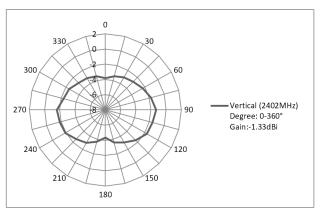
2. OTA Test

2.1 Gain

Frequency	Peak Gain (dBi)	Polarity
2402MHz	0	Horizontal
2402MHz	-1.33	Vertical
2442MHz	-2.05	Horizontal
2442MHz	-2.58	Vertical
2480MHz	-2.85	Horizontal
2480MHz	-3.45	Vertical

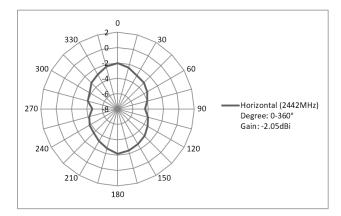
2.2 Radiation Pattern View

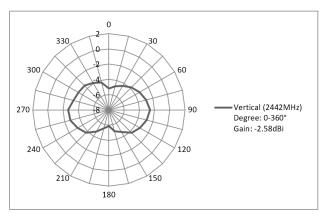


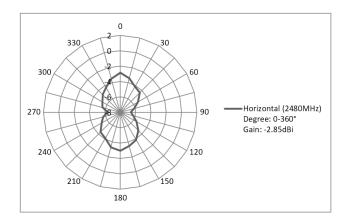


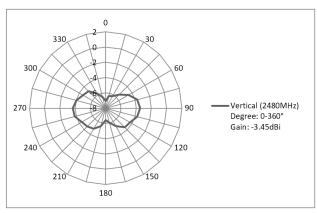
Antenna Test Report Page 3 of 4











Antenna Test Report Page 4 of 4