

Shenzhen JLC Electronics Co., Ltd.

Antenna Specification for Approval

Customer Name: Trendy Fun

Product Name: 2.4G antenna

Product model: k10d-002b

Part NO.: C113H-11130-110

Write By: Mike

Company Address: 27/F, Olympic Building, No. 2 Shangbao Road, Futian District, Shenzhen, Guangdong, China

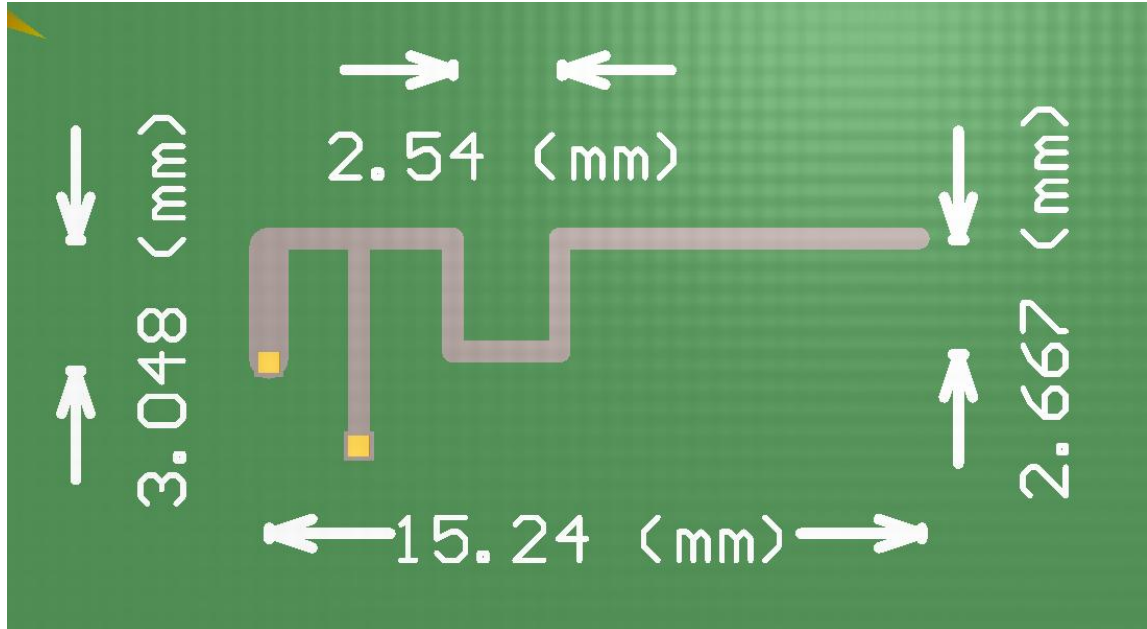
Issued Date: Feb 20th, 2026

Customer

R&D Dept	tester	Approved By
<i>Sariel</i>	<i>Evan</i>	<i>Jesse</i>

JLC

R&D Dept	tester	Approval
<i>Charlie</i>	<i>Andy</i>	<i>Osborn</i>



Product Specification

A. Electrical Characteristics **Frequency**

2400MHz ~2500MHz VSWR <3.0

Efficiency >50%

Impedance 50 Ohm

Polarization Line

Gain 0.17DBi

B. Material & Mechanical Characteristics

Material of Radiator Cu

Cable Type 1.13

Connector Type : NO

Dimension

C. Environmental

Operation Temperature - 30 °C ~ + 80 °C

Storage Temperature - 30 °C ~ + 85 °C

D. Antenna type: PCB Antenna

Test Equipment & Conditions

1. Network Analyzers :

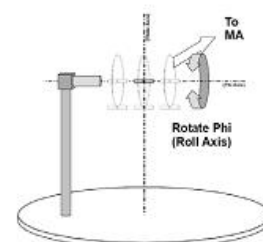
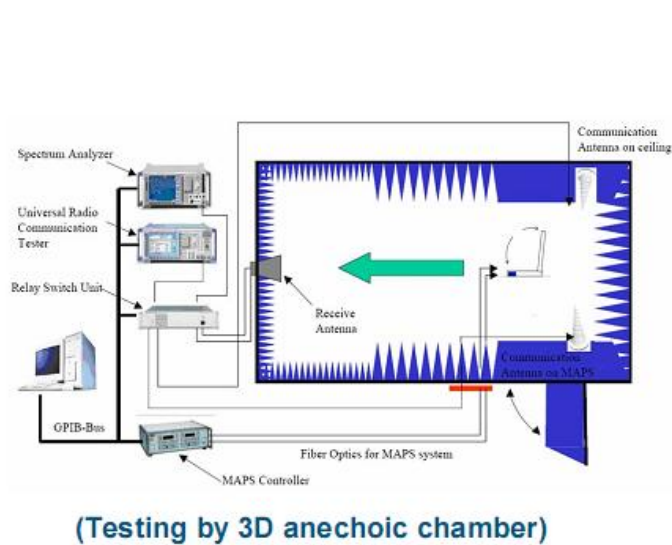
Agilent 8753D 5071B

2. Communications Test Set:

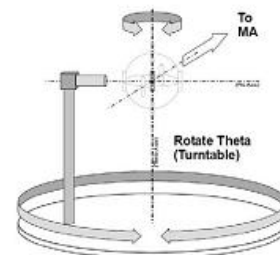
Agilent E5515C

3. 3D Chamber Test System

Efficiency & Gain



Phi axis test



Theta axis test

Efficiency & Gain

2.40	-0.01
2.440	0.12
2.48	0.17

Radiation Pattern:

