

Dongguan Lixinwei Electronics Co., Ltd

Antenna Specification for Approval

Customer Name: Shenzhen Tianzhiheng Electronic Technology Co., Ltd

address: F7-016, Hedong Building, Haoyunlai Square,

Bao'an District 80, Hedong Community, Xixiang Street,

Bao'an District, Shenzhen

Product Name: 2.4G antenna

Part NO.: C113H-1/1.5/1.5-33-55

Write By: Zhou Min

Issued Date: 2025-11-25

customer:

R&D Dept	Business Dept	Approved By

supplier

R&D Dept	Engineer Dept	Approval

Product Specification

A. Electrical Characteristics

Frequency: 2400MHz ~2500MHz

VSWR: <2.0

Efficiency: >20%

Impedance: 50 Ohm

Polarization mode: linear polarization

Gain: 0.17DBi

B. Material & Mechanical Characteristics

Material of Radiator Cu

Cable Type: 1.13 black

Connector Type : NO

Dimension

C. Environmental

Operation Temperature - 30 °C ~ + 80 °C

Storage Temperature - 30 °C ~ + 85 °C

Test Equipment & Conditions

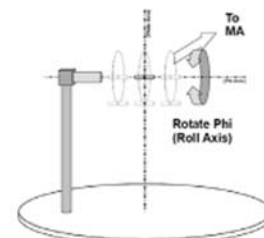
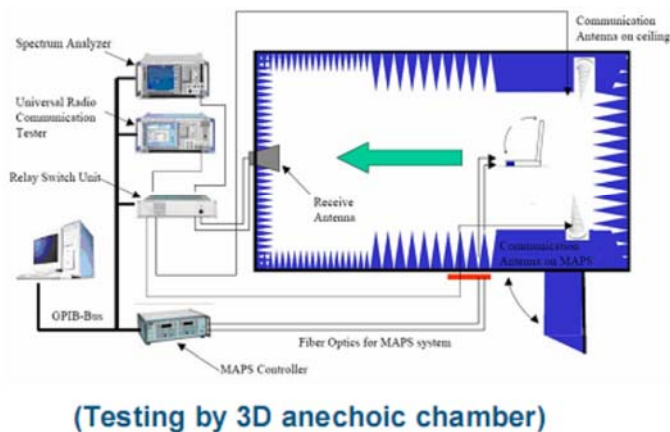
1. Network Analyzers :

Agilent 8753D 5071B

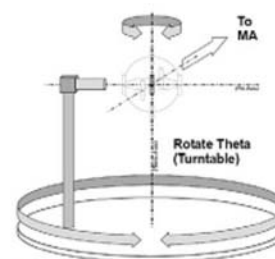
2. Communications Test Set:

Agilent E5515C

3. 3D Chamber Test System



Phi axis test



Theta axis test

Gain

2.40 -0.01

2.440 0.12

2.48 0.17

Radiation Pattern:

