

# Shenzhen Lixinwei Technology Co., LTD

## Antenna Specification for Approval

Customer Name: Yaxin electronic

Product Name: intergral permanent antenna

Product Name: K24T-1

Part NO. : 19-0.12-1.3

Write By: \_\_\_\_\_

Issued Date: 2022.09.05

### client:

R&D Dept	Business Dept	Approved By

### Lixinwei

R&D Dept	Engineer Dept	Approval

## Product Specification

A. Electrical Characteristics

**Frequency 2400MHz ~2500MHz**

**VSWR <3.0**

**Efficiency >50%**

**Impedance 50 Ohm**

**Polarization Line**

**Gain 2.31dBi**

B. Material & Mechanical Characteristics

**Material of Radiator Cu**

**Cable Type 1.13 transparent**

Connector Type : NO

Dimension

C. Environmental

Operation Temperature - 30 °C ~ + 80 °C

Storage Temperature - 30 °C ~ + 85 °C

## Test Equipment & Conditions

### 1. Network Analyzers :

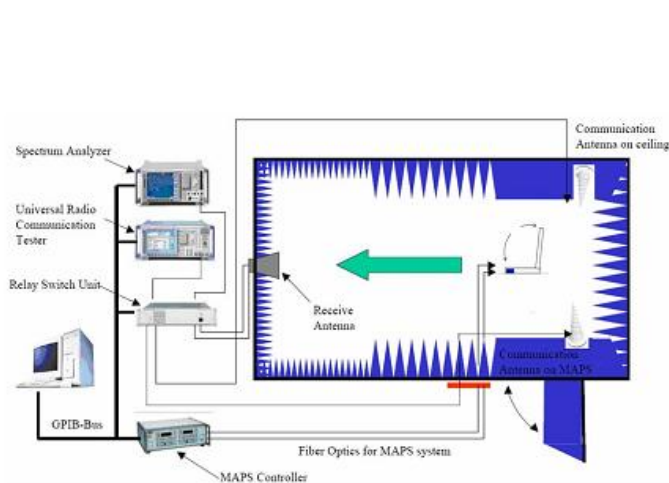
Agilent 8753D 5071B

### 2. Communications Test Set:

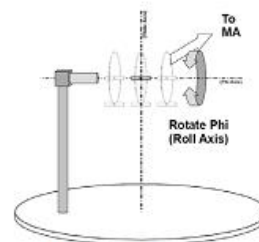
Agilent E5515C

### 3. 3D Chamber Test System

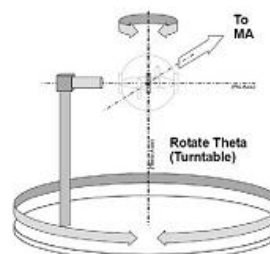
## Efficiency & Gain



(Testing by 3D anechoic chamber)



Phi axis test



Theta axis test

## Efficiency & Gain

2.40	-0.01
2.440	0.12

2.48 0.17

# Radiation Pattern:

