

# Shantou Hongzhan electric industry Co. , LTD

## Antenna specification acknowledgement

### Antenna Specification for Approval

Customer name

Customer Name: YUANDI

Product name:

Product Name: 2.4G antenna length 40mm white

Customer model:

Product Name: HN-210T

Part number:

Part NO. : 17-0.1-1.6

tabulation:

Write By:

date:

Issued Date: 2023.07.10

### Guest household:

ENGINEERING	Purchase	acknowledge
R&D Dept	Business Dept	Approved By

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## Hongzhan electric industry

Research and development R&D Dept	ENGINEERING Engineer Dept	examine Approval

## Product Specification

### A. Electrical Characteristics

**Frequency 2400MHz ~2500MHz**

**VSWR <3.0**

**Efficiency >50%**

**Impedance 50 Ohm**

**Polarization Line**

**Gain0.5DBi**

### 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**

## Test Equipment & Conditions

### 1. Network Analyzers :

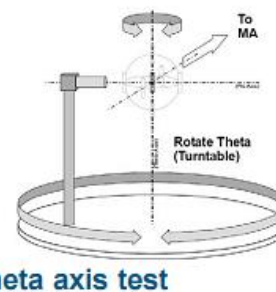
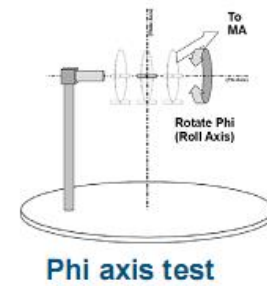
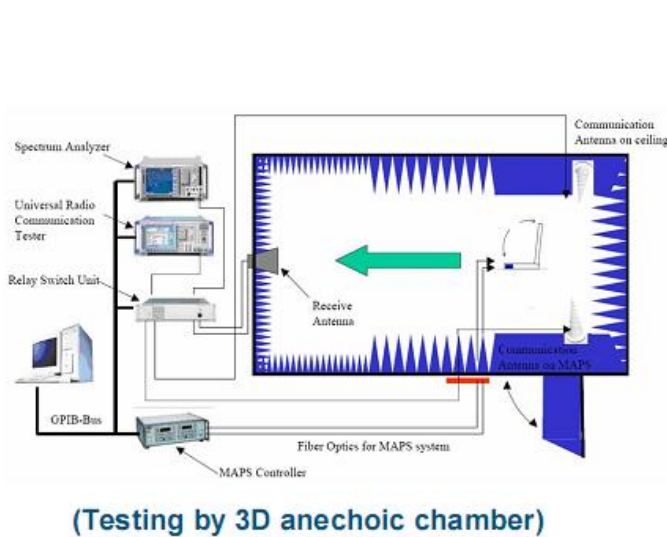
Agilent 8753D 5071B

## 2. Communications Test Set:

Agilent E5515C

## 3. 3D Chamber Test System

### Efficiency &Gain



### Efficiency &Gain

2.40      -0.01  
2.440     0.12  
2.48      0.17

### Radiation Pattern:

