

# 天線規格承認書

## Acceptance of antenna specifications

製造商：汕头市龙湖区科马电子加工场  
Manufacturer: Shantou Longhu District Koma Electronic Processing  
Factory

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規格：2.4G 天線 全長40MM 透明  
Specifications:

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產品料號：17芯 \* 0.12 \* 1.38 PVC  
Part NO.:

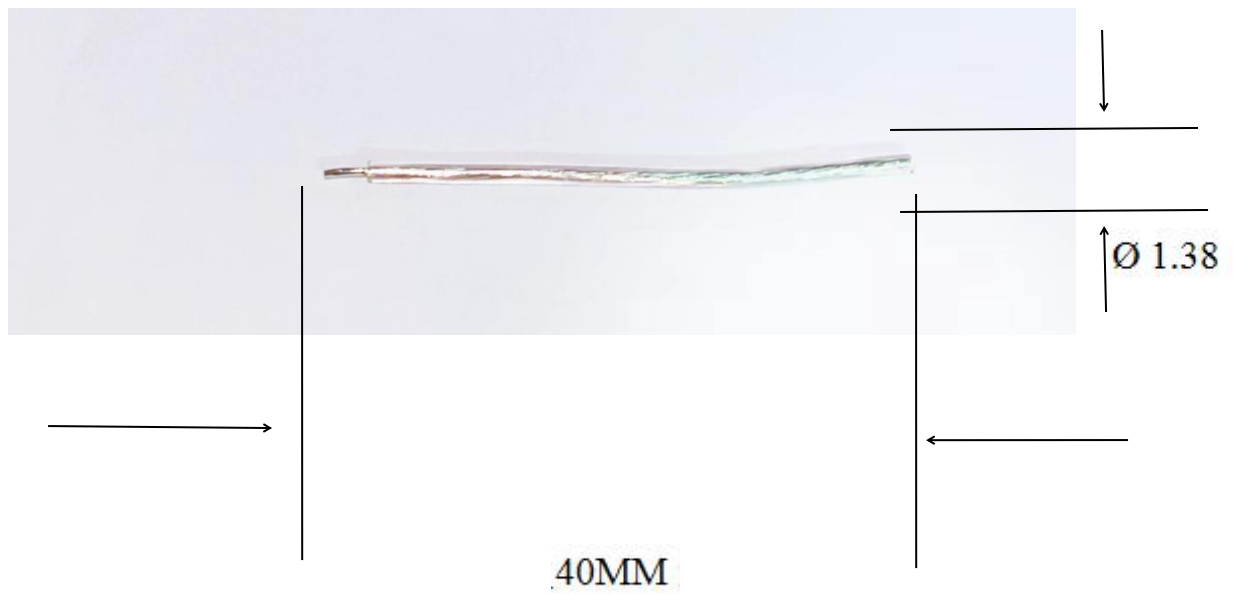
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地址：汕头市龙湖区新津街道金泰街22号二楼  
No. 22, Jintai Street, Xinjin Sub-district, Longhu District,  
Shantou City, Second Floor

Address :

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图示：



# Product Specification

## A. Electrical Characteristics Frequency

**2400MHz ~2500MHz VSWR <3.0**

**Efficiency >20%**

**Impedance 50 Ohm**

**Gain 0.59 DBi**

**Polarization mode:** linear polarization

## B. Material & Mechanical Characteristics

**Material of Radiator Cu**

**Cable Type 1.4 white**

**Connector Type : NO**

**Dimension**

## C. Environmental

**Operation Temperature - 30 °C ~ + 80 °C**

**Storage Temperature - 30 °C ~ + 85 °C**

## Test Equipment & Conditions

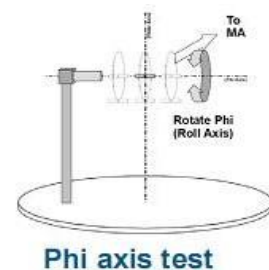
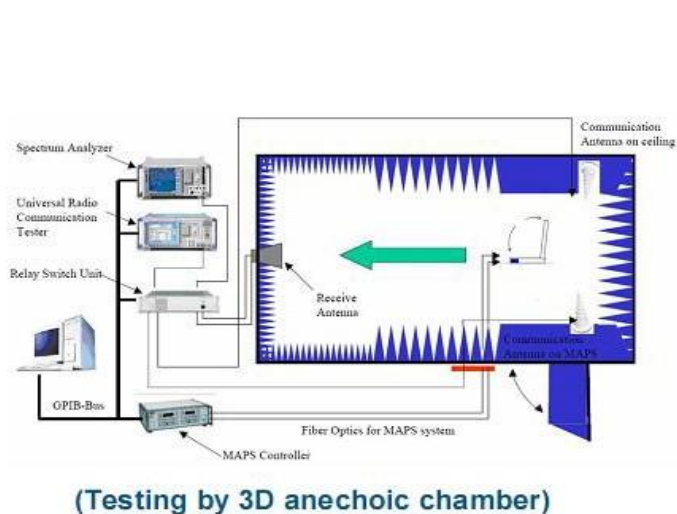
### 1. Network Analyzers :

Agilent 8753D 5071B

### 2. Communications Test Set:

Agilent E5515C

### 3. 3D Chamber Test System

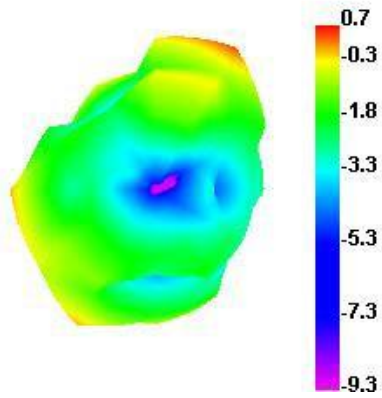


## Effiency &Gain

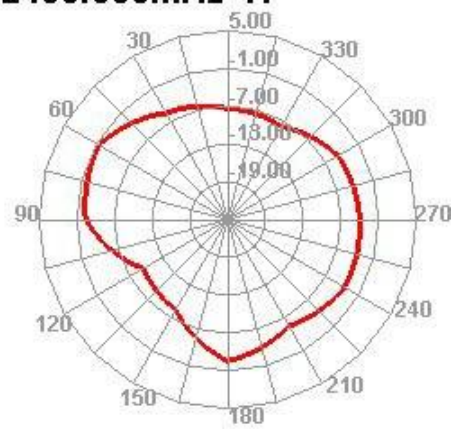
| Freq<br>(MHz) | Effi<br>(%) | Gain<br>(dBi) |
|---------------|-------------|---------------|
| 2400          | 23.66       | 0.47          |
| 2410          | 23.19       | 0.38          |
| 2420          | 23.03       | 0.49          |
| 2430          | 22.41       | 0.42          |
| 2440          | 21.67       | 0.45          |
| 2450          | 20.24       | 0.52          |
| 2460          | 20.61       | 0.51          |
| 2470          | 21.41       | 0.59          |
| 2480          | 23.89       | 0.56          |
| 2490          | 26.46       | 0.53          |
| 2500          | 25.73       | 0.46          |

# Radiation Pattern

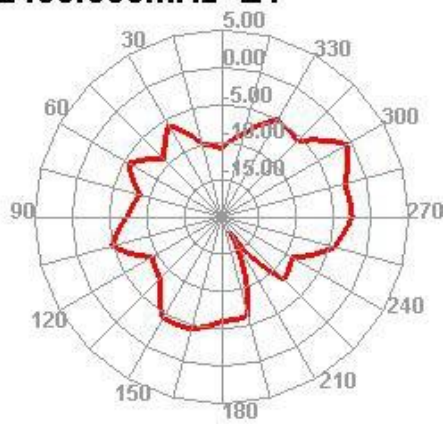
2400.000MHz



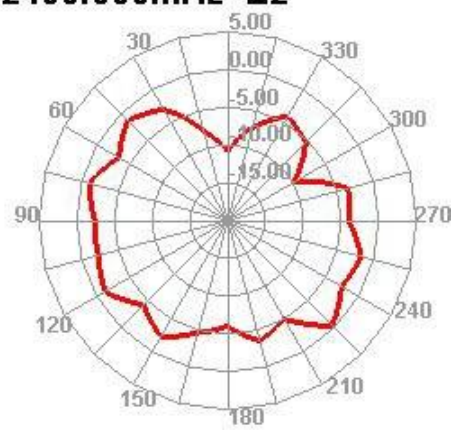
2400.000MHz H



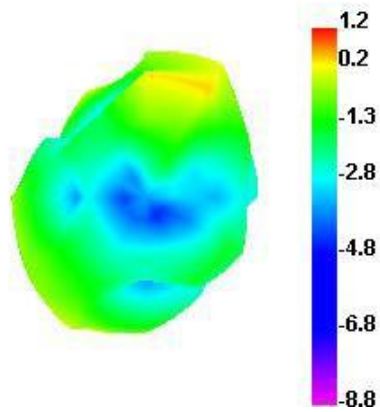
2400.000MHz E1



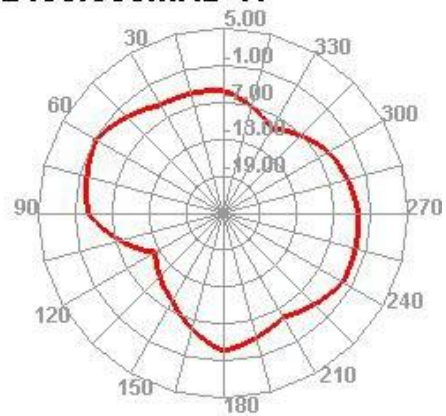
2400.000MHz E2



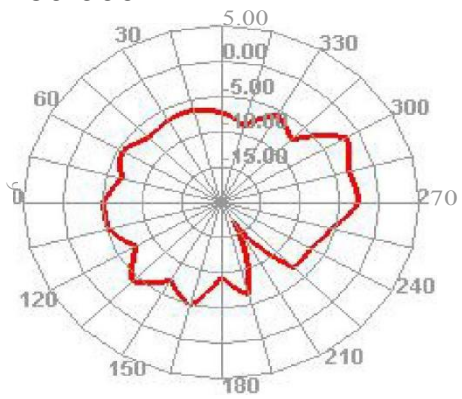
2450.000MHz



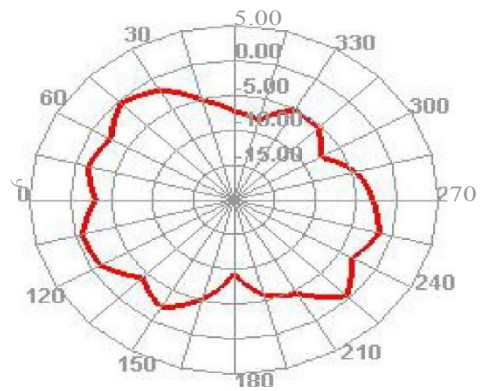
2450.000MHz H



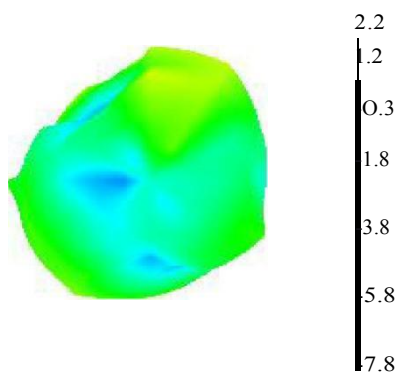
2450.000MHz E1



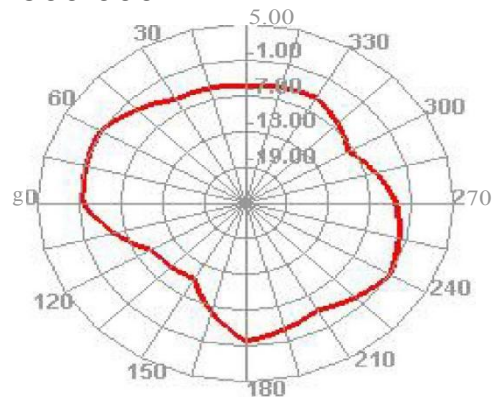
2450.000MHz E2



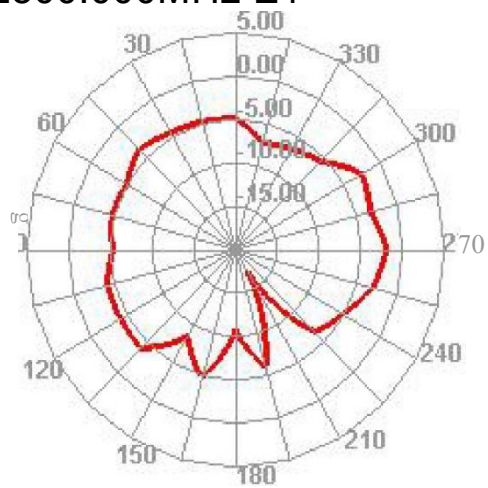
2500.000MHz



2500.000MHz H



2500.000MHz E1



2500.000MHz E2

