

创鑫线材 天線規格承認書

Antenna Specification for Approval

客戶名稱： 华宇电子厂  
Customer Name:

客戶名稱： 2.4G 天線 全長40白色  
Product Name:

客戶型號 / 廠商： CI-GS01 / CinEma  
Product Name:

產品料號： 17芯 \* 0.1 \* 1.6  
Part NO.:

製表： 陈玉  
Write By:

日期 2023-12-05  
Issued Date:

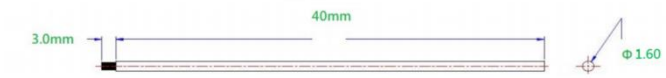
地址 廣東省汕頭龍湖區辛厝寮金泰居委新诺楼二楼  
Adress:

客戶 customer

|                |                     |                   |
|----------------|---------------------|-------------------|
| 研發<br>R&D Dept | 採購<br>Business Dept | 承認<br>Approved By |
|                |                     |                   |

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|----------------|---------------------|----------------|
| 研發<br>R&D Dept | 工程<br>Engineer Dept | 審核<br>Approval |
|                |                     |                |



# Product Specification

## A. Electrical Characteristics

**Frequency** 2400MHz ~2500MHz

**VSWR** <3.0

**Efficiency** >20%

**Impedance** 50 Ohm

**Gain** 0.59DBi

**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

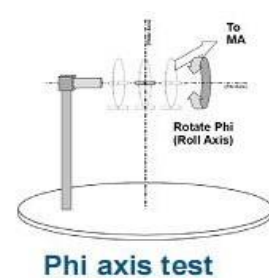
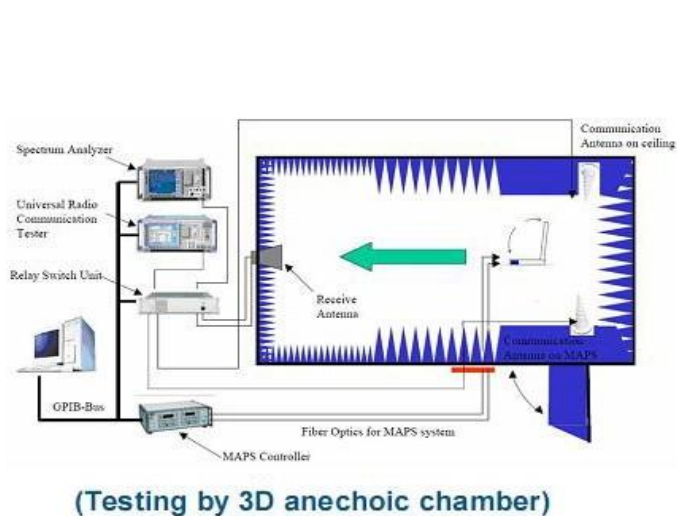
## 1. Network Analyzers :

Agilent 8753D 5071B

## 2. Communications Test Set:

Agilent E5515C

## 3. 3D Chamber Test System

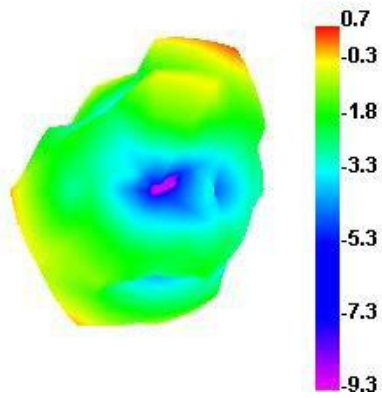


## Effiency &Gain

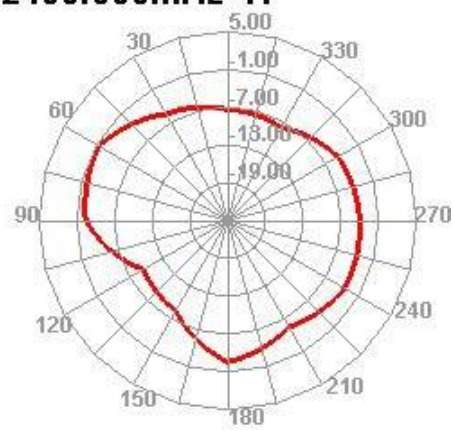
| Freq<br>(MHz) | Effi<br>(%) | Gain<br>(dBi) |
|---------------|-------------|---------------|
| 2400          | 23.66       | 0.47          |
| 2410          | 23.19       | 0.38          |
| 2420          | 23.03       | 0.49          |
| 2430          | 22.41       | 0.42          |
| 2440          | 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

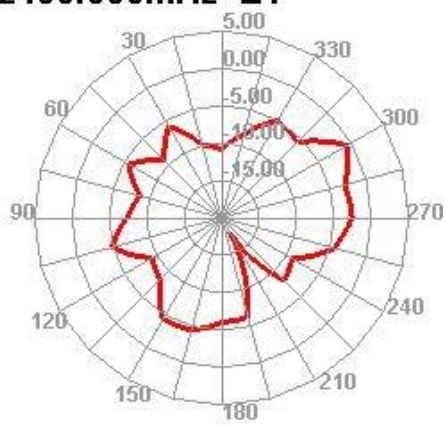
2400.000MHz



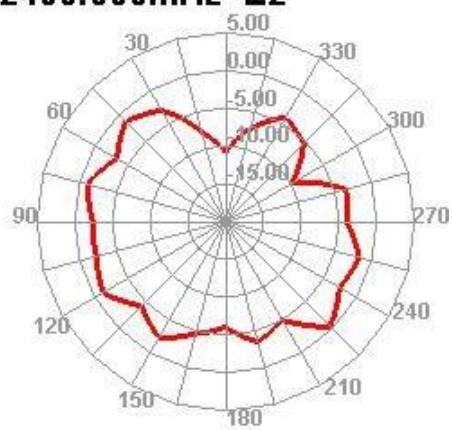
2400.000MHz H



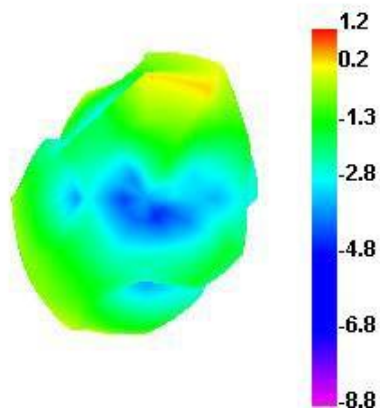
2400.000MHz E1



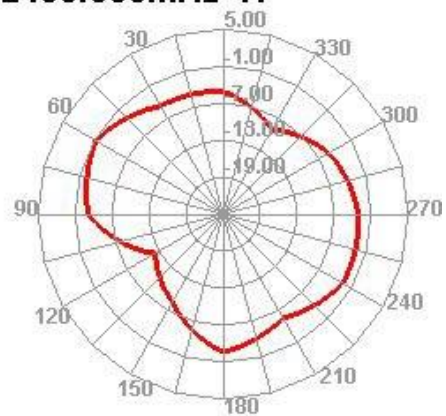
2400.000MHz E2



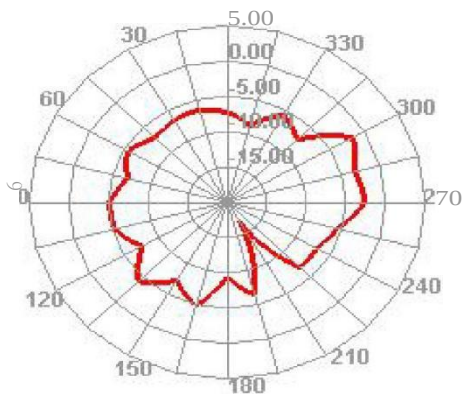
2450.000MHz



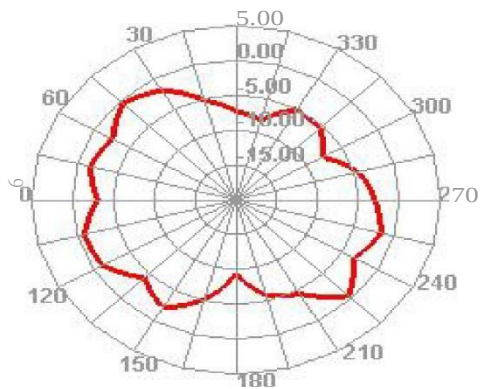
2450.000MHz H



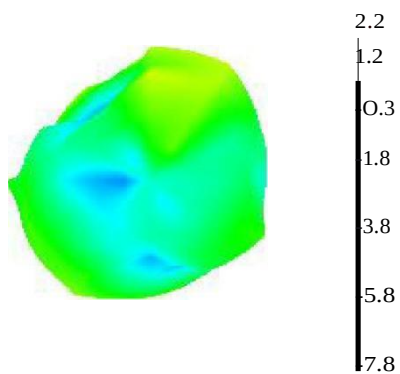
2450.000MHz E1



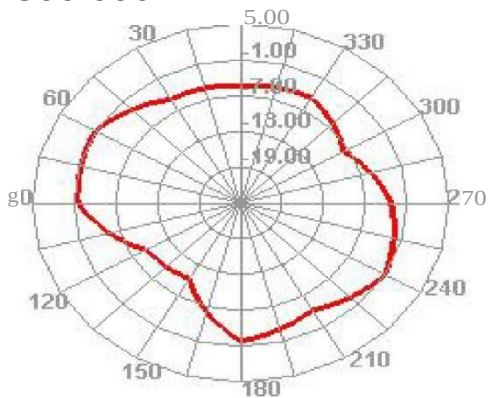
2450.000MHz E2



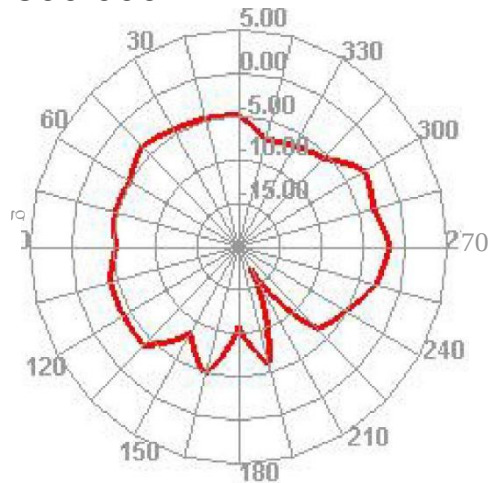
2500.000MHz



2500.000MHz H



2500.000MHz E1



2500.000MHz E2

