



|    |    |    |  |  |  |
|----|----|----|--|--|--|
| 件名 | 掲杆 | 載荷 |  |  |  |
| A  |    |    |  |  |  |
|    |    |    |  |  |  |
|    |    |    |  |  |  |
|    |    |    |  |  |  |



材料:0.81黑色同軸線, 阻流50R 頻率2.4G

利信輝電子技术有限公司

|            |        |          |     |         |         |            |    |          |    |     |              |     |     |    |    |
|------------|--------|----------|-----|---------|---------|------------|----|----------|----|-----|--------------|-----|-----|----|----|
| PART TITLE | 2.4G天線 | MATERIAL | 第 隔 | 0.81同軸線 | UNIT IN | 等分         | mm | SCALE    | 撤取 | 5:1 | SUPPLIER CMT | 鼎荷改 | VER | 喉棒 | 01 |
| PART NO.   | 鋤璃唇湯   | DRAWING  | 案   | 紅       | DATE    | 2014/12/09 |    | CHECKING | 柳暗 |     |              |     |     |    |    |
|            |        |          |     |         |         |            |    |          |    |     |              |     |     |    |    |

要求:  
1. 标注公差的重要尺寸, 未标注公差的数据±0.15。

# Product Specification

## A. Electrical Characteristics

**Frequency** 2400MHz ~2500MHz

**VSWR** <3.0

**Efficiency** >50%

**Impedance** 50 Ohm

**Polarization** Line

**Gain** 0.17DBi

## B. Material & Mechanical Characteristics

**Material of Radiator** Cu

**Cable Type** 0.81 银 色

**Connector Type** : NO

**Dimension**

## C. Environmental

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

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

# Test Equipment & Conditions

## 1 . Network Analyzers :

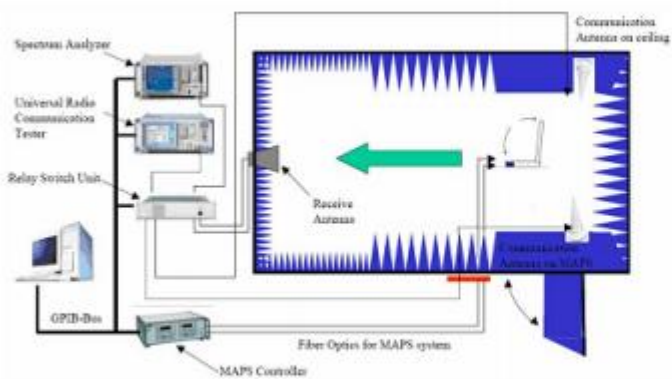
Agilent 8753D 5071B

## 2 . Communications Test Set:

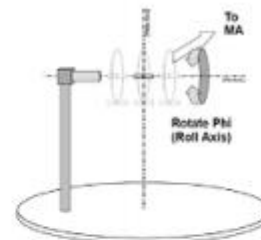
Agilent E5515C

## 3 . 3D Chamber Test System

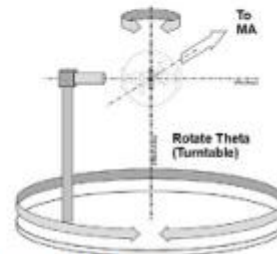
# Effiency &Gain



(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:

