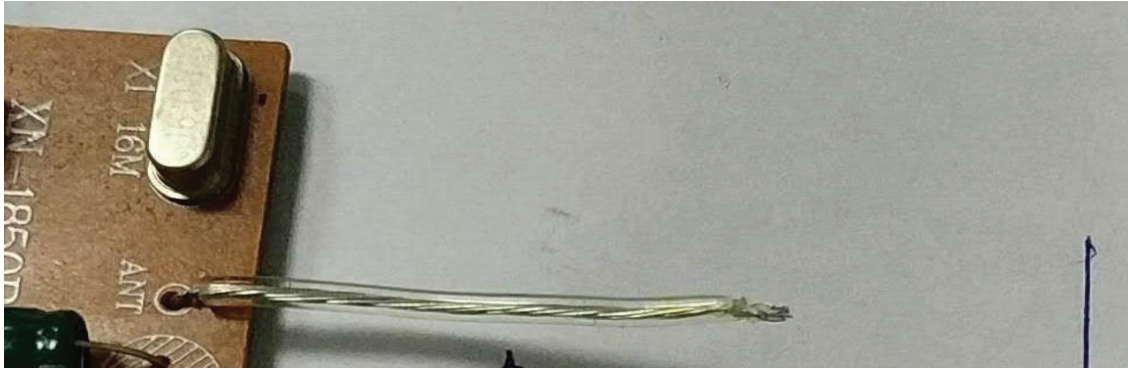


# Product Specification



2.4G antenn, length:40MM

## A. Electrical Characteristics Frequency

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

**Efficiency >30%**

**Impedance 50 Ohm**

**Polarization Line**

## B. Material & Mechanical Characteristics

**Material of Radiator Cu**

**Cable Type 1.0 19P 透明**

**Connector Type : NO**

**Dimension**

## C. Environmental

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

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

## Test Equipment & Conditions

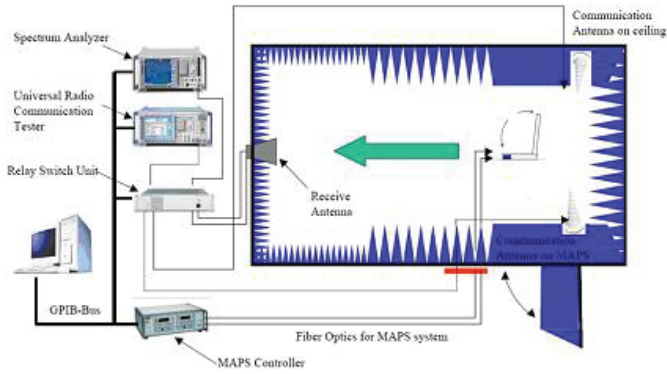
### 1. Network Analyzers :

Agilent 8753D 5071B

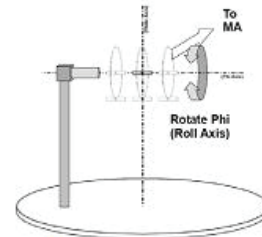
### 2. Communications Test Set:

Agilent E5515C

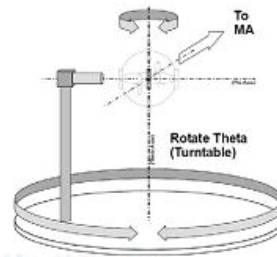
### 3. 3D Chamber Test System Efficiency & Gain



(Testing by 3D anechoic chamber)



Phi axis test

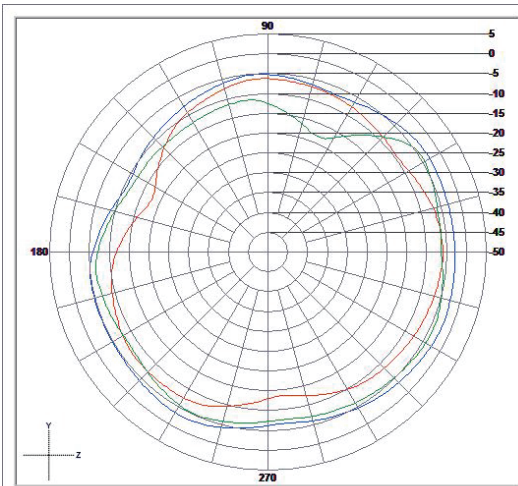


Theta axis test

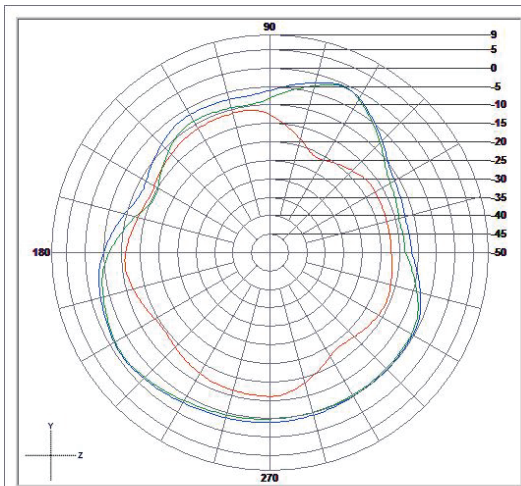
### Efficiency & Gain

|       |       |
|-------|-------|
| 2.40  | -0.00 |
| 2.440 | -0.11 |
| 2.48  | -0.13 |

### Radiation Pattern:



|           | Vertical | Horizontal | Total |
|-----------|----------|------------|-------|
| Avg. Gain | -8.4     | -6.99      | -4.63 |
| Peak Gain | -5.48    | -3.77      | -2.17 |



|           | Vertical | Horizontal | Total |
|-----------|----------|------------|-------|
| Avg. Gain | -13.34   | -5.06      | -4.46 |
| Peak Gain | -10.3    | 0.09       | 0.12  |

