

## Antenna Specification for Approval

Customer Name: Fuwei

—

Product Name: 2.4G antenna

Product Name: \_\_\_\_\_

Part NO.: C1.0-30-3

Write By: Zhou Min

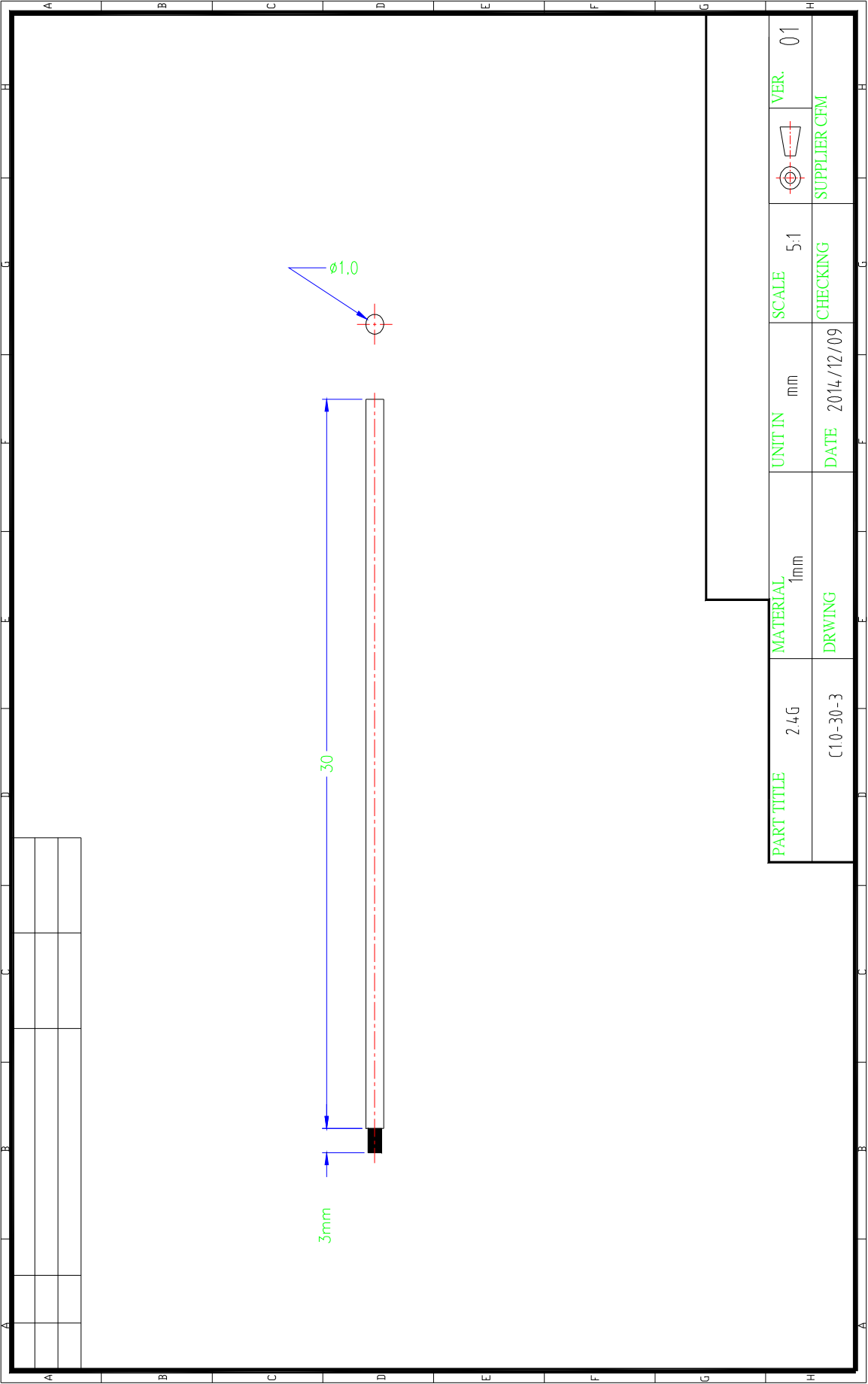
Issued Date: 2015-12-8

### Customer:

|          |               |             |
|----------|---------------|-------------|
| R&D Dept | Business Dept | Approved By |
|          |               |             |

### Li Xin Hui

|          |               |          |
|----------|---------------|----------|
| R&D Dept | Engineer Dept | Approval |
|          |               |          |



# Product Specification

## A. Electrical Characteristics

**Frequency 2400MHz ~2500MHz**

**VSWR <1.0**

**Efficiency >50%**

**Impedance 50 Ohm**

**Polarization Line**

**Gain 0dBi**

## 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 :

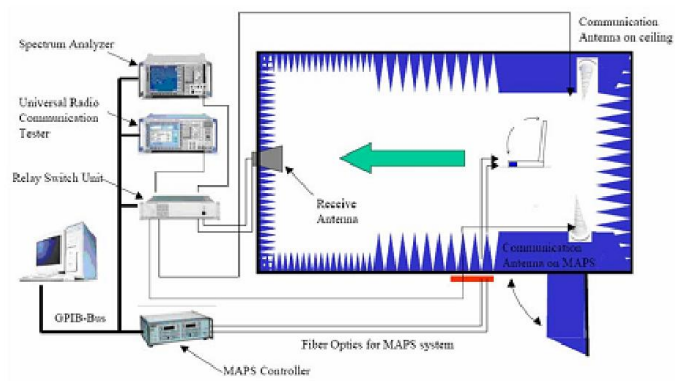
Agilent 8753D 5071B

## 2. Communications Test Set:

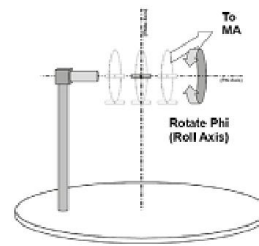
Agilent E5515C

## 3. 3D Chamber Test System

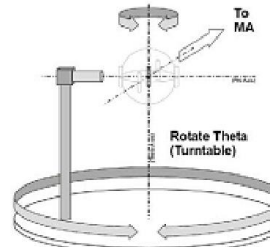
# Efficiency & Gain



(Testing by 3D anechoic chamber)



Phi axis test



Theta axis test

## Efficiency & Gain

|       |           |
|-------|-----------|
| 2.40  | -0.01 dBi |
| 2.440 | 0.12 dBi  |
| 2.48  | 0.17 dBi  |

## Radiation Pattern:

