

## Antenna Specification for Approval

Customer Name: GUANGDONG HENGDI TECHNOLOGY CORP., LTD.

Product Name: 2.4G antenna Total length 35mm black

Antenna Type: Wire Antenna

Part NO. : 14\*0.12\*1.4

Write By: ZHOU MIN

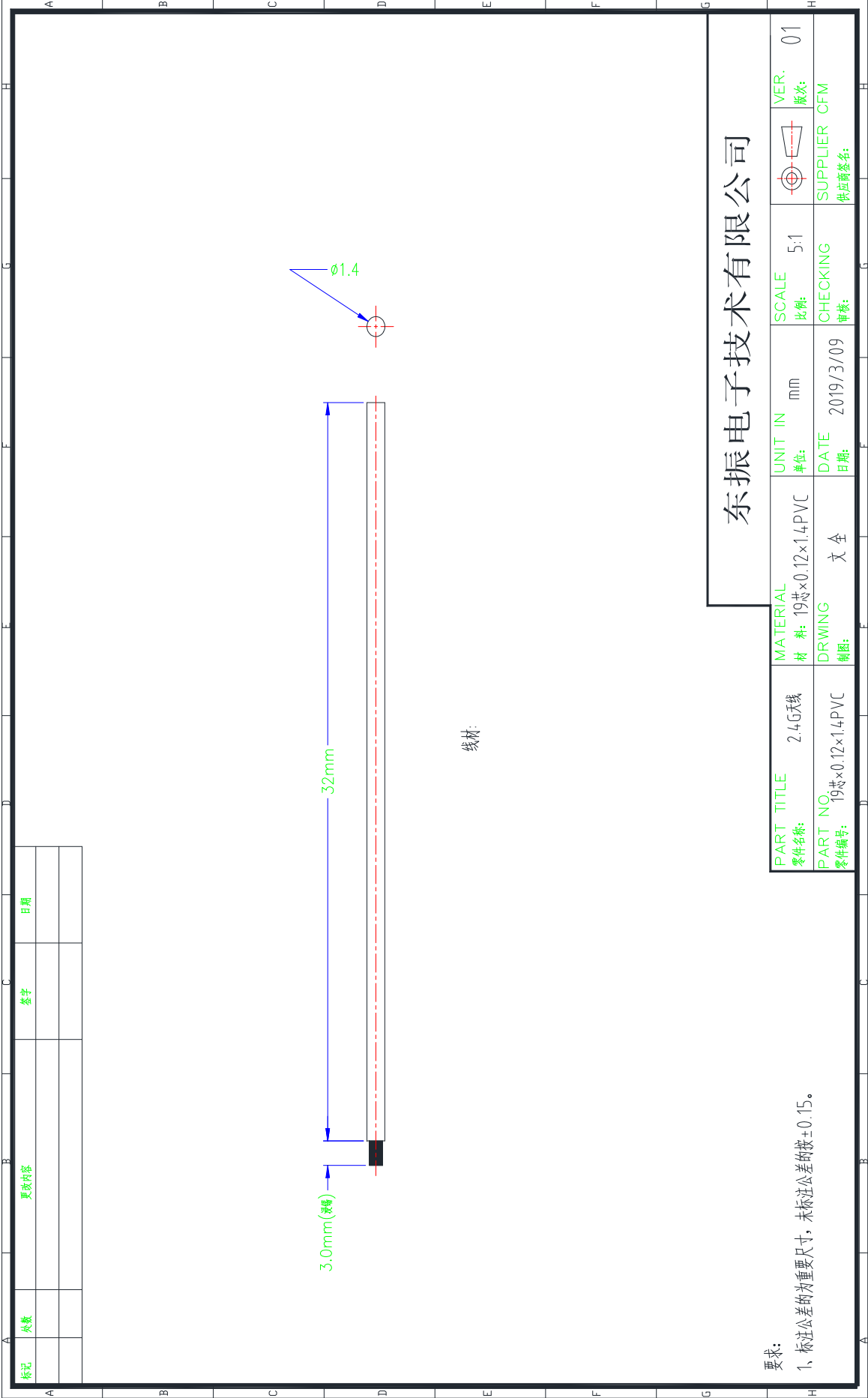
Issued Date: 2019-3-8

**client:**

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

**DONGZHEN:**

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



# Product Specification

## A. Electrical Characteristics

**Frequency** 2400MHz ~2500MHz

**VSWR** <1.0

**Efficiency** >20%

**Impedance** 50 Ohm

**Polarization** Line

**Gain** 0DBi

## B. Material & Mechanical Characteristics

**Material of Radiator** Cu

**Cable Type** 1.4

**Connector Type** : NO

**Dimension**

## C. Environmental

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

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

# Test Equipment & Conditions

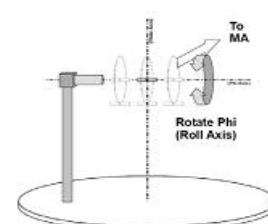
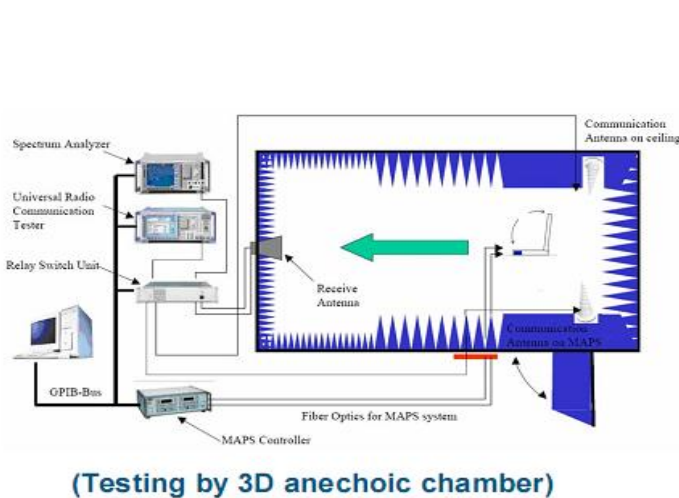
## 1. Network Analyzers :

Agilent 8753D 5071B

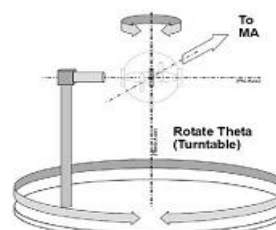
## 2. Communications Test Set:

Agilent E5515C

## 3. 3D Chamber Test System



Phi axis test



Theta axis test

## Efficiency & Gain

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

## Radiation Pattern:

