

# 天线规格承认书

## Antenna Specification for Approval

客户名称

Customer Name: \_\_\_\_\_

产品名称:

Product Name: \_\_\_\_\_ 2.4G 天线 全长45mm白色

客户型号:

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

产品料号:

Part NO.: \_\_\_\_\_ C45-1.1

制 表:

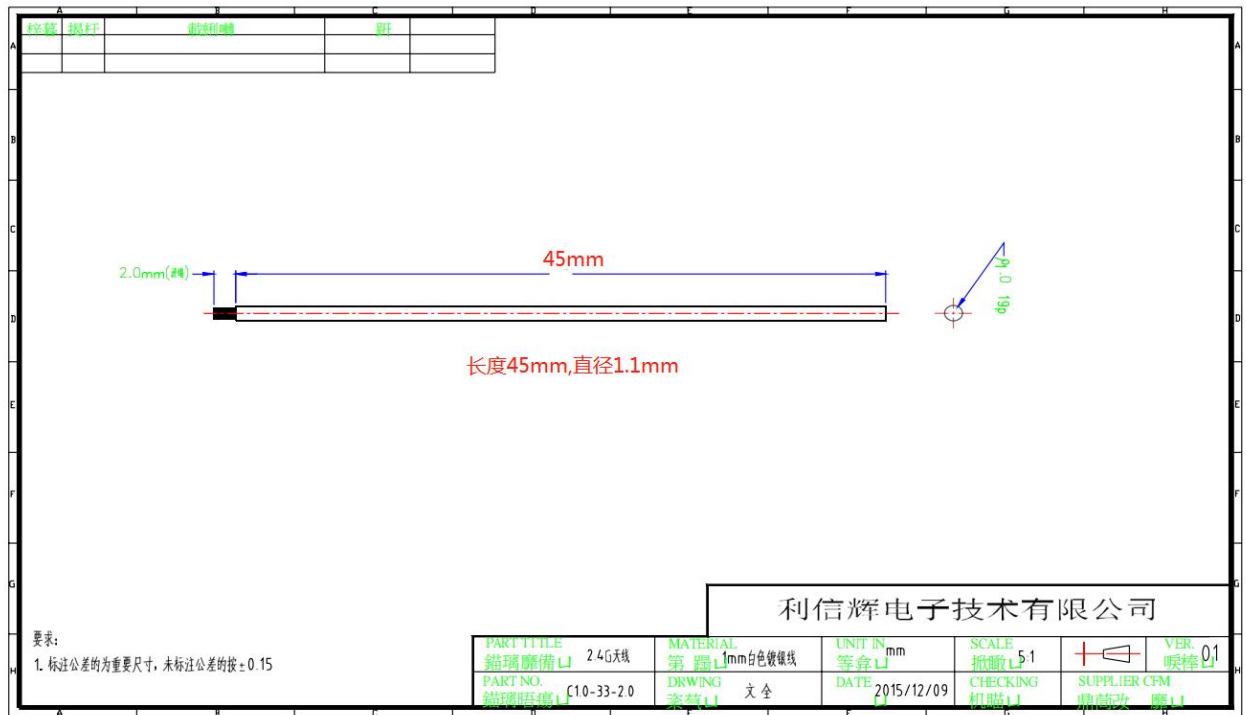
Write By: \_\_\_\_\_ 周小敏

日 期:

Issued Date: \_\_\_\_\_ 2019-7-20

客 户:

|            |                  |                |
|------------|------------------|----------------|
| 工程R&D Dept | 采购Business Dept  | 承认 Approved By |
|            |                  |                |
| 研发R&D Dept | 工程 Engineer Dept | 审核 Approval    |
|            |                  |                |



# 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 1.13

Connector Type : NO

## C. Environmental

Operation Temperature - 30 °C ~ + 80 °C

Storage Temperature - 30 °C ~ + 85 °C

## Test Equipment & Conditions

### 1. Network Analyzers :

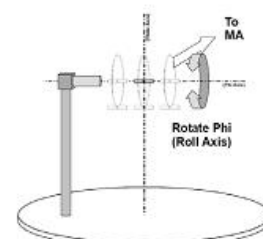
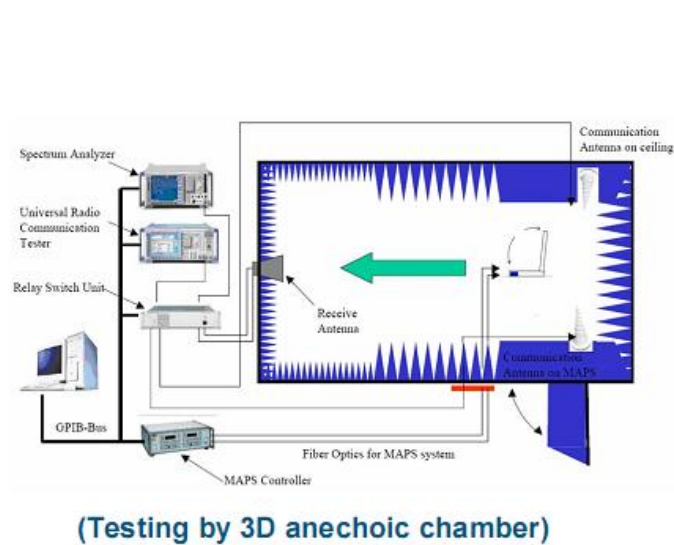
Agilent 8753D 5071B

### 2. Communications Test Set:

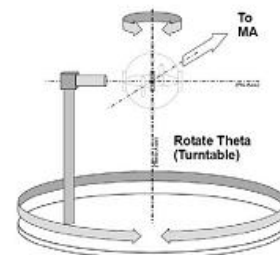
Agilent E5515C

### 3. 3D Chamber Test System

## Efficiency & Gain



Phi axis test



Theta axis test

## Efficiency & Gain

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

## Radiation Pattern:

