

# 汕头市宏展电业有限公司

## 天线规格承认书

### Antenna Specification for Approval

客户名称:

Customer Name: 和钛

产品名称:

Product Name: 2.4G 天线 全长40mm 白色

天线类型:

Antenna Type: Wire Antenna

产品料号:

Part NO.: 17-0.1-1.6

制表:

Write By: Wang

日期:

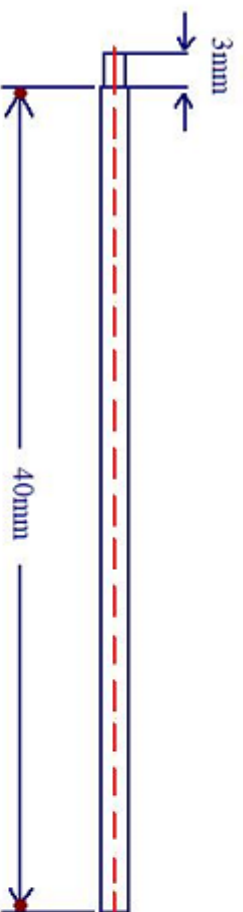
Issued Date: 2023.02.18

### 客 户:

工程R&D Dept	采购Business Dept	承认 Approved By

### 宏展电业

研发R&D Dept	工程 Engineer Dept	审核 Approval



线材：1.6mm白色铜线

17-0.1-1.6



2.4G天线

汕头市宏展电业有限公司

PART TITLE: 2.4G天线

MATERIAL: 1.6mm 铜线

PART NO: 17-0.1-16

DATE: 2022.09.16

UNTT IN mm SCALE 5.1 VER 01

# Product Specification

## A. Electrical Characteristics

**Frequency 2400MHz ~2500MHz**

**VSWR <3.0**

**Efficiency >30%**

**Impedance 50 Ohm**

**Polarization Line**

**Gain: 0.17dBi**

## B. Material & Mechanical Characteristics

**Material of Radiator Cu**

**Cable Type 1.0 white**

**Connector Type : NO**

**Dimension:**

## C. Environmental

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

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

## Test Equipment & Conditions

### 1. Network Analyzers :

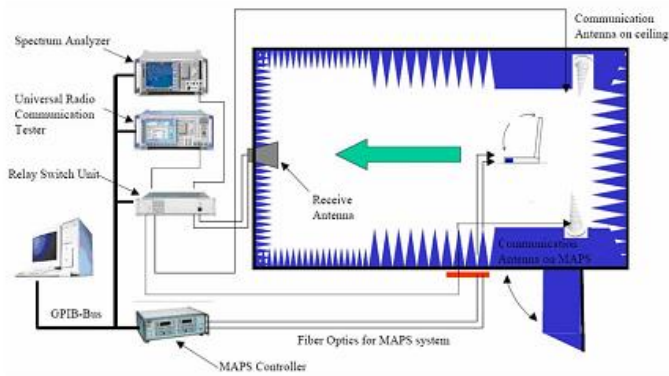
Agilent 8753D 5071B

### 2. Communications Test Set:

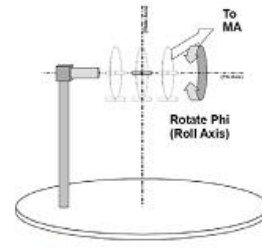
Agilent E5515C

### 3. 3D Chamber Test System

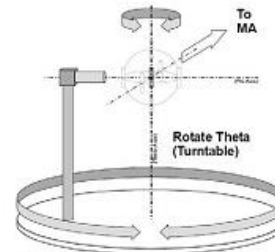
## Efficiency &Gain



(Testing by 3D anechoic chamber)



Phi axis test



Theta axis test

## Efficiency & Gain

2.40	-0.01
2.440	0.12
2.48	0.17

## Radiation Pattern:

