

Manufacturer  
深圳市一线通线缆有限公司  
Shenzhen Yixiantong Cable Co., Ltd  
制造商地址：深圳市宝安区沙井街道万丰98工业城21栋  
Manufacturer's address: Building 21, Wanfeng 98  
Industrial City, Shajing Street, Bao'an District,  
Shenzhen

## 天线规格承认书

### Antenna Specification for Approval

客户名称

**CustomerName:** 深圳市魔样科技有限公司\_\_\_\_\_

产品名称:

**ProductName:** 2.4G天线 全长25mm红色

客户型号:

**ProductName:** \_\_\_\_\_

产品料号:

**Part NO.:** C10- 35- 2.5

制 表 :

**WriteBy:** 庄杰彬

日 期:

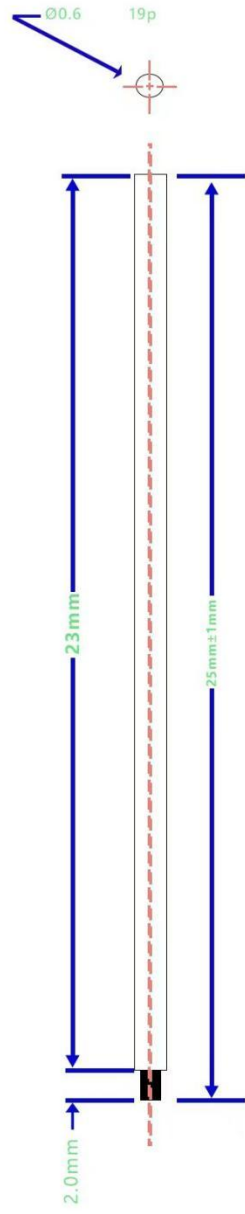
**IssuedDate:** 2021- 10-08

客 户:

|                         |                         |                       |
|-------------------------|-------------------------|-----------------------|
| 工程 <b>R&amp; D Dept</b> | 采购 <b>Business Dept</b> | 承认 <b>Approved By</b> |
|                         |                         |                       |

一线通

|                         |                         |                    |
|-------------------------|-------------------------|--------------------|
| 研发 <b>R&amp; D Dept</b> | 工程 <b>Engineer Dept</b> | 审核 <b>Approval</b> |
| 庄彩虹                     | 庄杰彬                     | 庄杰彬                |



# Product Specification

## A. Electrical Characteristics Frequency

2400MHz

~2500MHz VSWR<3.0

Efficiency >30%

Impedance 50

Ohm Polarization

## B. Material & Mechanical Characteristics

Material of Radiator Cu

Cable Type 1.0 19P 红

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 5071C

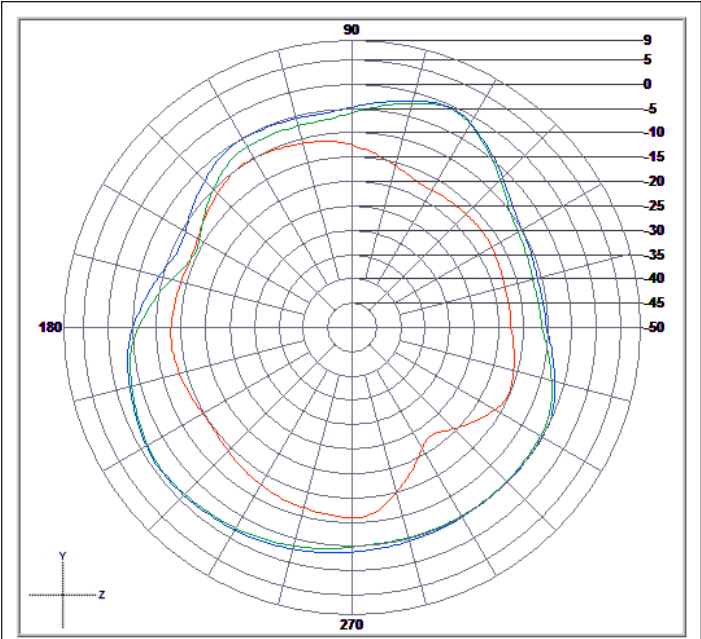
### 2. Communications Test Set:

Agilent E5525C

### 3. 3D Chamber Test System

Efficiency& Gain

Radiation Pattern:



|           | Vertical  | Horizontal | Total    |
|-----------|-----------|------------|----------|
| Avg. Gain | -13.34dBi | -5.06dBi   | -4.46dBi |
| Peak Gain | -10.3dBi  | -0.09dBi   | 0.17dBi  |

