

# Shenzhen first line cable Co., LTD

Add: 21 Building, Wanfeng 98 Industrial City, Shajing Street, Baoan District, Shenzhen

## *Antenna Specification for Approval*

**CustomerName:** Shenzhen Mo Young technology co., LTD\_\_\_\_\_

**ProductName:** \_\_\_\_\_ 2.4G antenna length 31mm \_\_\_\_\_

**Antenna type:** \_\_\_\_\_ monopole \_\_\_\_\_

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

**WriteBy:** Zhuang Jiebin

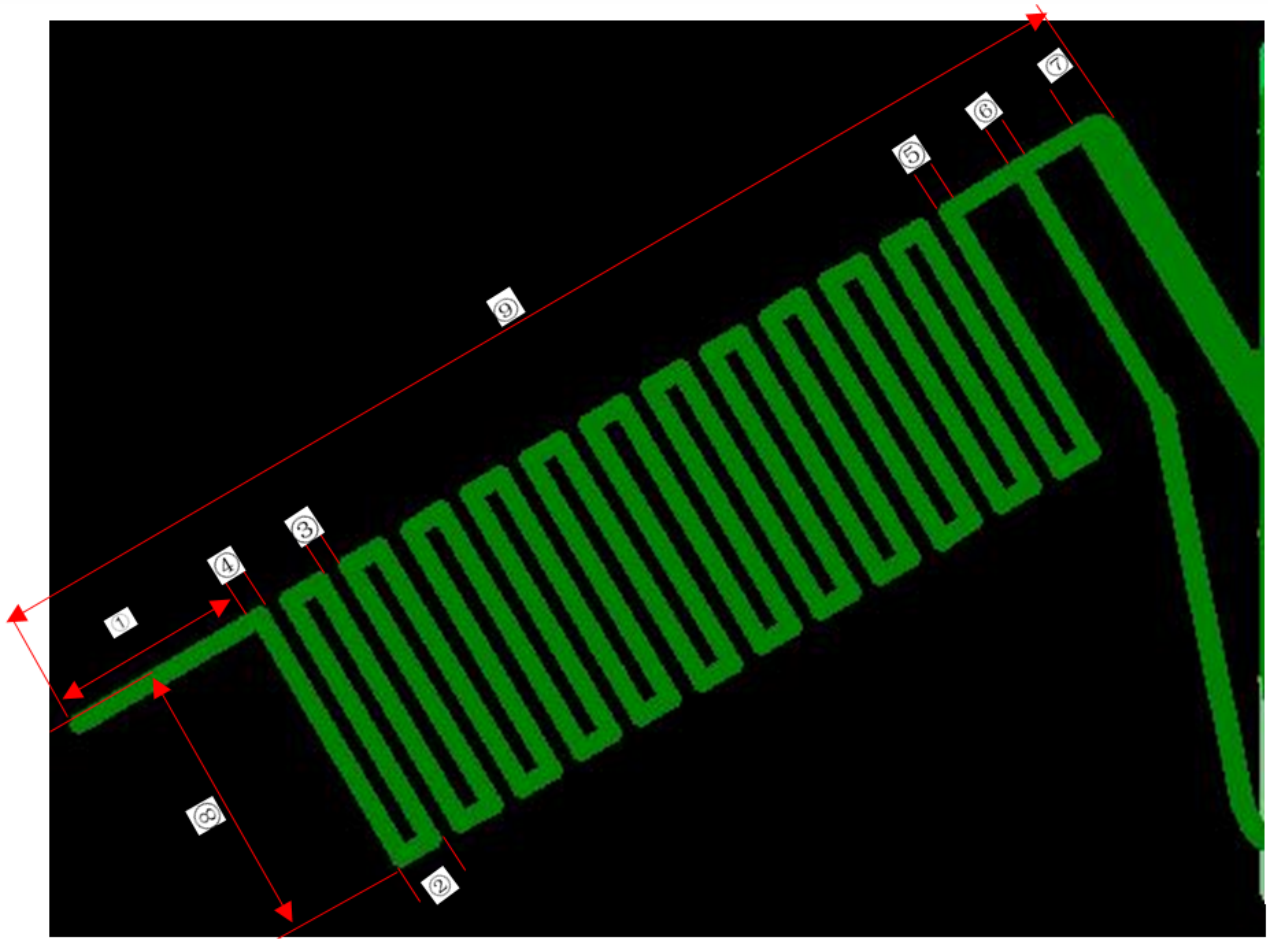
**IssuedDate:** \_\_\_\_\_ 2023- 10-08 \_\_\_\_\_

client:

<i>R&amp; D Dept</i>	<i>Business Dept</i>	<i>Approved By</i>

ISDN

<i>R&amp; D Dept</i>	<i>Engineer Dept</i>	<i>Approval</i>
Zhuang Caihong	Zhuang Jiebin	Zhuang Jiebin



- ①: 2mm
- ②: 0.50mm
- ③: 0.20mm
- ④: 0.30mm
- ⑤: 0.30mm
- ⑥: 0.30mm
- ⑦: 0.50mm
- ⑧: 2.40mm
- ⑨: 9.30mm

# *Product Specification*

## *A. Electrical Characteristics*

**Frequency 2400MHz**

**~2500MHz VSWR<3.0**

**Efficiency >30%**

**Impedance 50**

**Ohm Polarization**

**Line Gain**

**0DBi**

## *B. Material & Mechanical Characteristics*

**Material of Radiator Cu**

**Cable Type 1.0 19P Red**

**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

## Efficiency & Gain

2.40 - 2.17 DBi

2.440 0.12 DBi

2.48 0.17 DBi

## Radiation Pattern:

