

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 9.3mm**

Antenna type: _____ **PCB**

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

WriteBy: Zhuang Jiebin

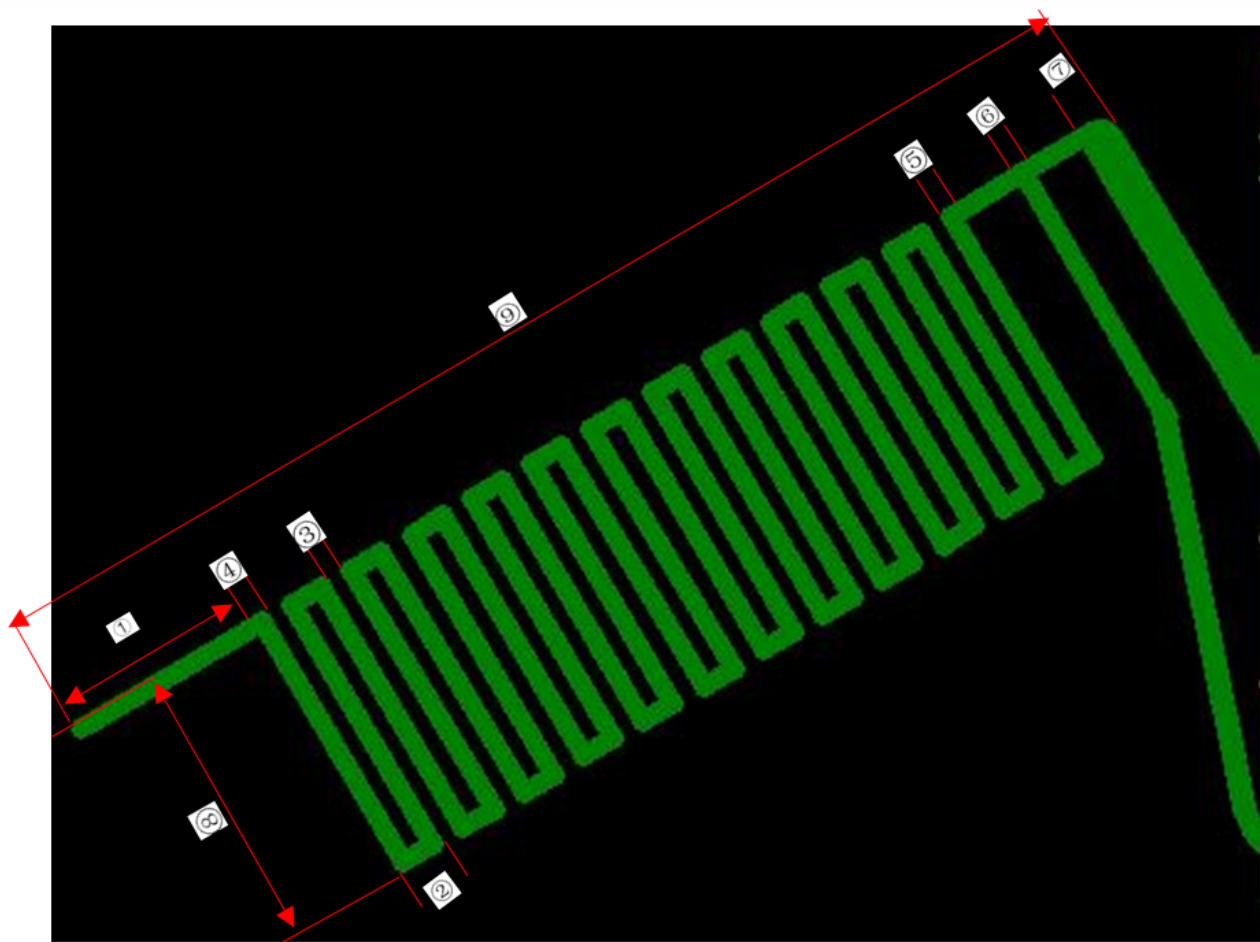
IssuedDate: _____ **2023- 10-08**

client:

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

ISDN

<i>R& 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

Max Gain

0.17DBi

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

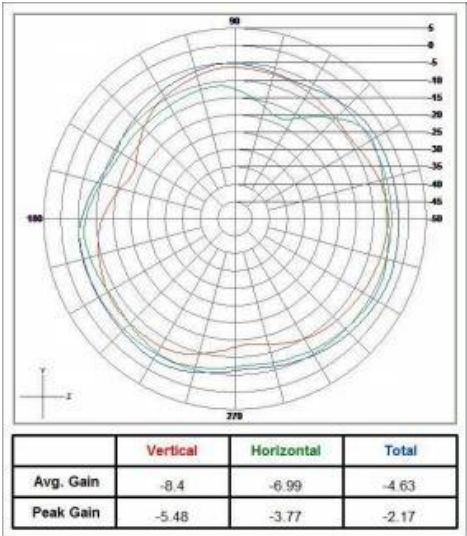
3. 3D Chamber Test System

Effiency& Gain

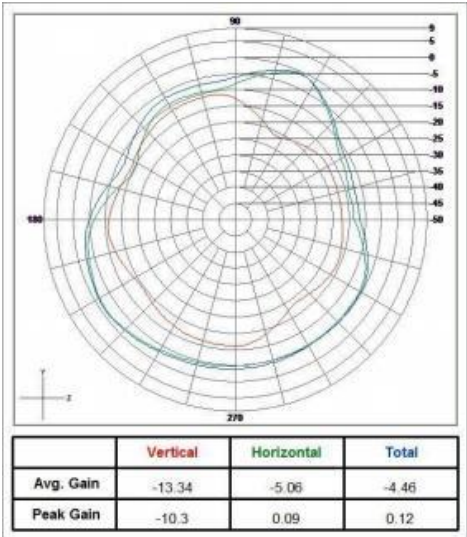
Effiency& Gain

2.40 - 2.17 DBi
2.440 0. 12 DBi
2.48 0. 17 DBi

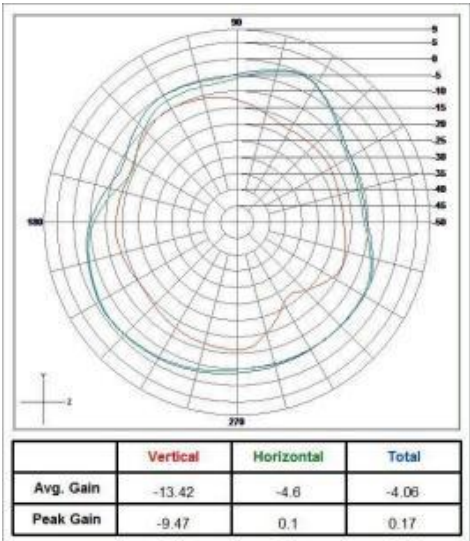
Radiation Pattern:



(2400MHz)



(2440MHz)



(2480MHz)