

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 57.85mm

Antenna type: _____ monopole

Part NO.: _____ C10- 35- 2.5

WriteBy: Zhuang Jiebin

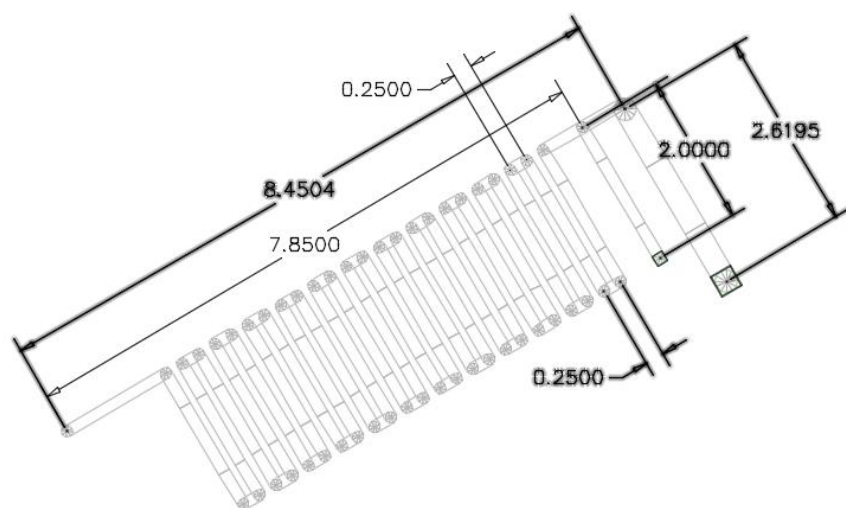
IssuedDate: _____ 2023- 10-08

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



单位: mm

Product Specification

A. Electrical Characteristics

Frequency 2400 MHz

~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

Line Gain

0 dBi

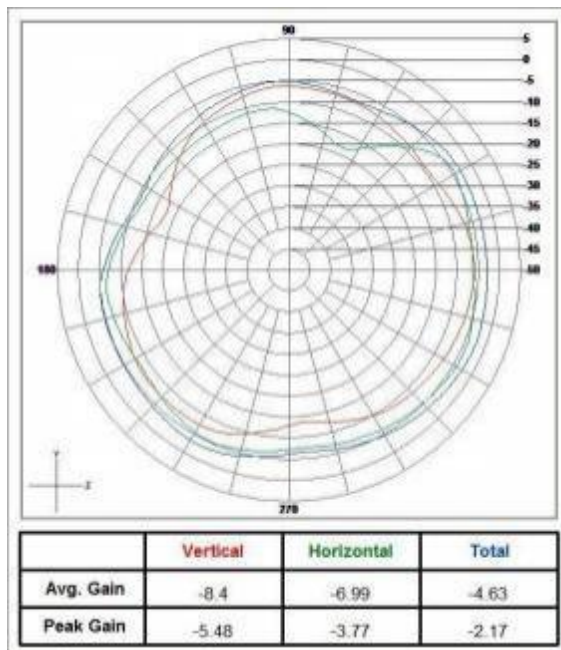
Efficiency& Gain

2.40GHz - 2.17 dBi

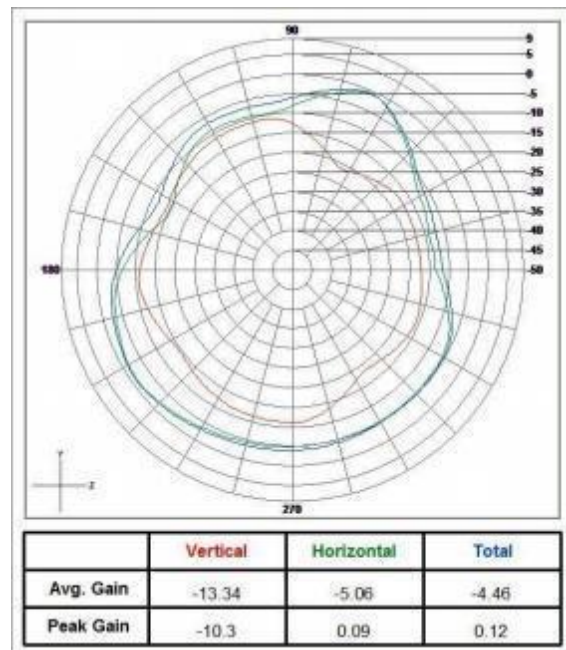
2.44GHz 0.12 dBi

2.48GHz 0.17 dBi

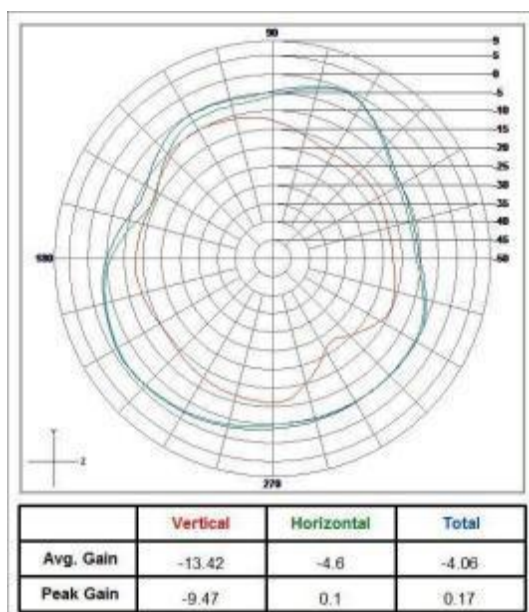
Radiation Pattern:



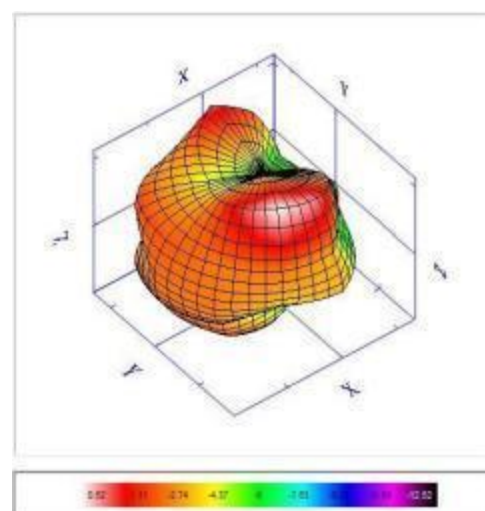
2.40 GHz 2D Plot



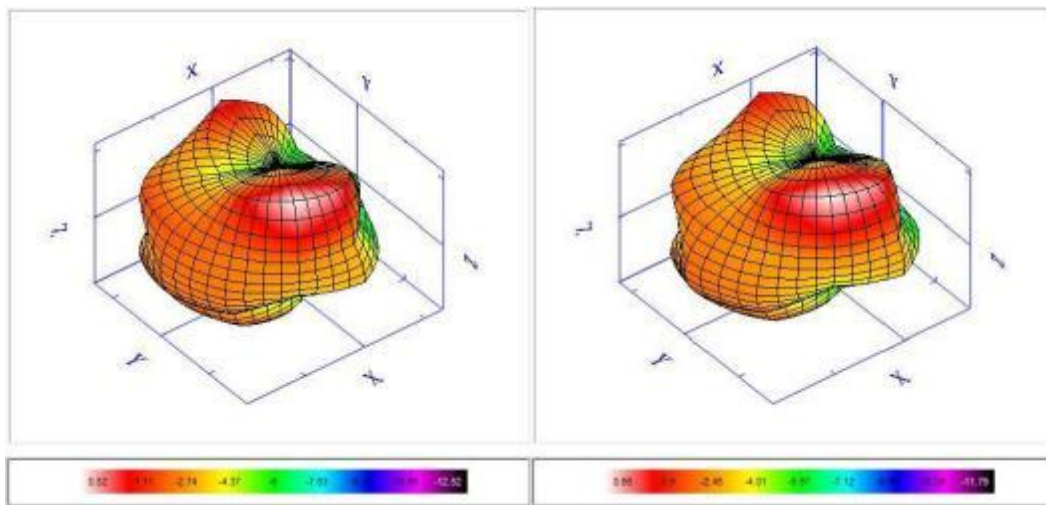
2.44 GHz 2D Plot



2.48 GHz 2D Plot



2.40 GHz 3D Plot



2.44 GHz 3D Plot

2.48 GHz 3D Plot