

Shenzhen Yidiantong Cable Co., Ltd.

Antenna Specification for Approval

Customer Name: Shenzhen Moyang Technology Co., Ltd.

Product Name: 2.4G antenna full length 25mm red

Product Name: YD

Part NO.:C10- 35-2.5

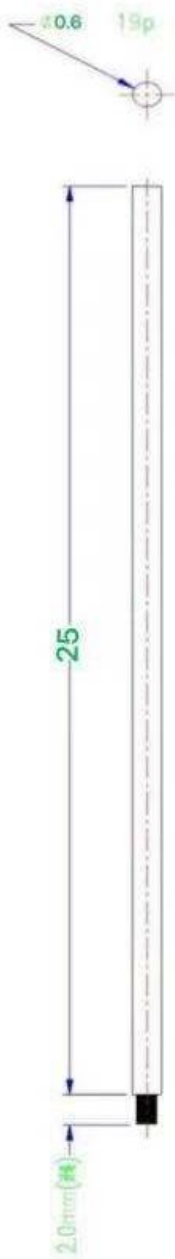
WriteBy: Zhuang Jiebin

IssuedDate:2021-10-08

client:

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

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



Product Specification

A. Electrical Characteristics

Frequency 2400MHz

~2500MHz VSWR<3.0

Efficiency >30%

Impedance 50

Ohm Polarization

Line Gain

0DBi-0.13DBi

B. Material & Mechanical Characteristics

Material of Radiator Cu

Cable Type 1.0 19P

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 TestSet:

Agilent E5525C

3. 3D Chamber TestSystem

Efficiency& Gain

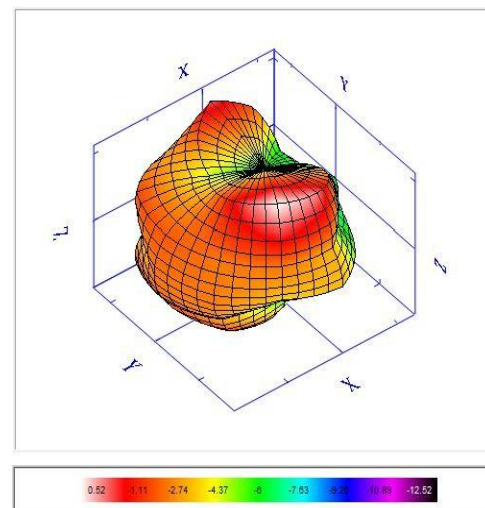
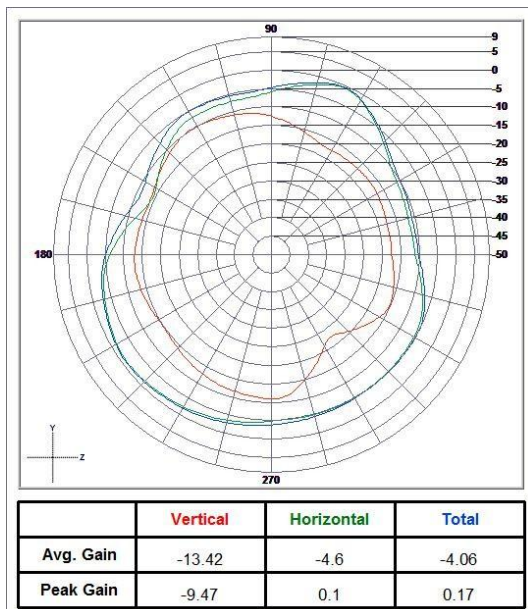
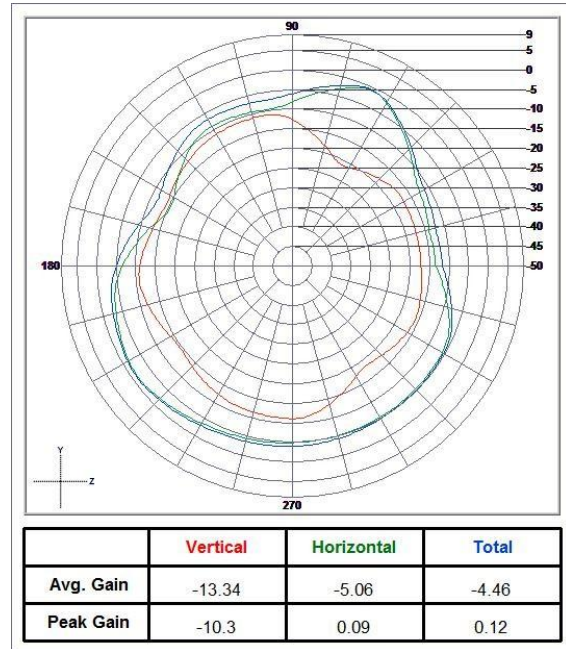
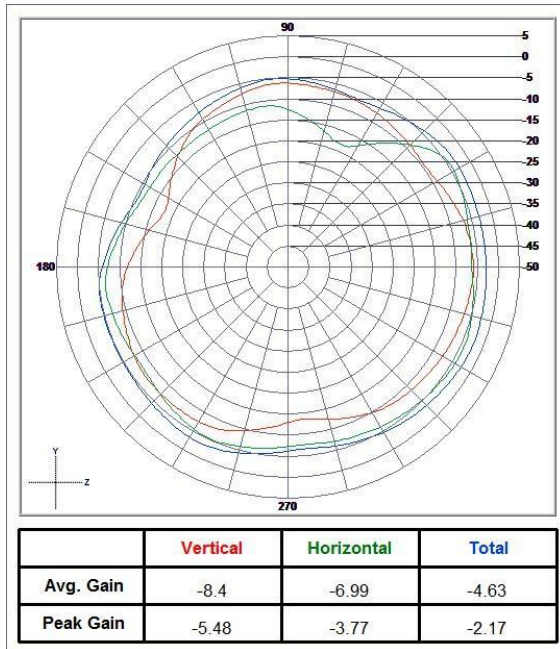
Efficiency& Gain

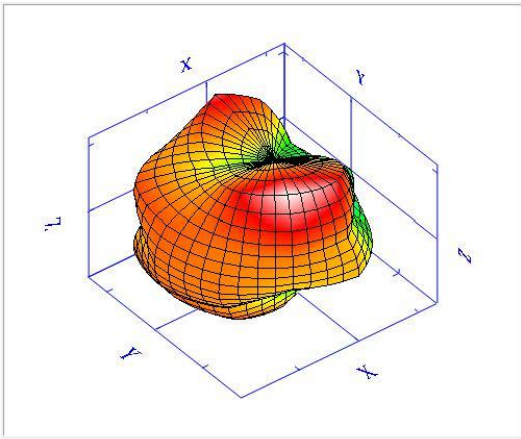
2.40 -2.17dBi

2.440 0.12dBi

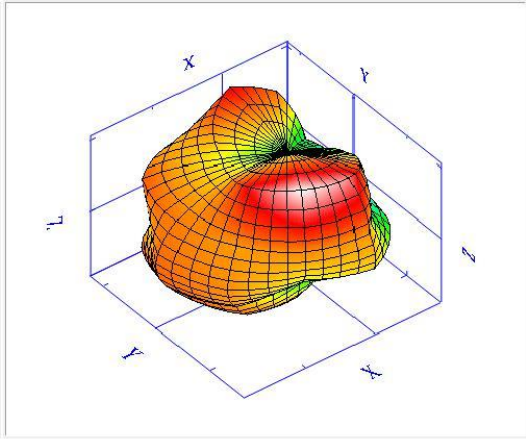
2.48 0.17dBi

Radiation Pattern:





0.52 -1.11 -2.74 -4.37 -6 -7.63 -9.25 -10.88 -12.52



0.86 -1.9 -2.45 -4.01 -5.57 -7.12 -8.68 -10.24 -11.79