

Antenna Specification for Approval

ProductName: 2.4G antenna Full length 25mm red

Part NO.: C10- 35-2.5

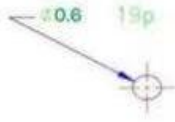
WriteBy: Jiebin Zhuang

IssuedDate: 2021-10-08

Customer:

<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>
Caihong Zhuang	Jiebin Zhuang	Jiebin Zhuang



Product Specification

A. Electrical Characteristics Frequency

2400MHz

~2500MHz VSWR<3.0

Efficiency >30%

Impedance 50

Ohm Polarization

Line 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 TestSet:

Agilent E5525C

3. 3D Chamber TestSystem

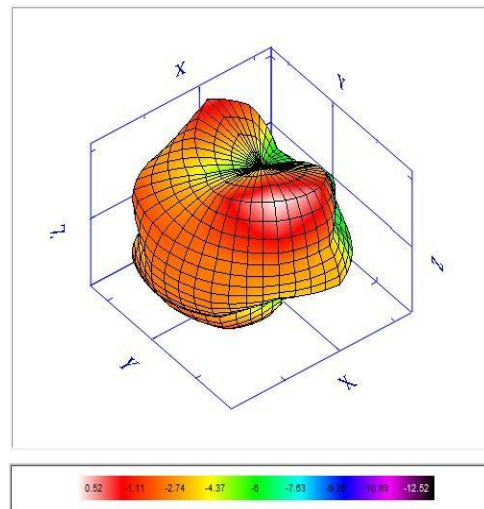
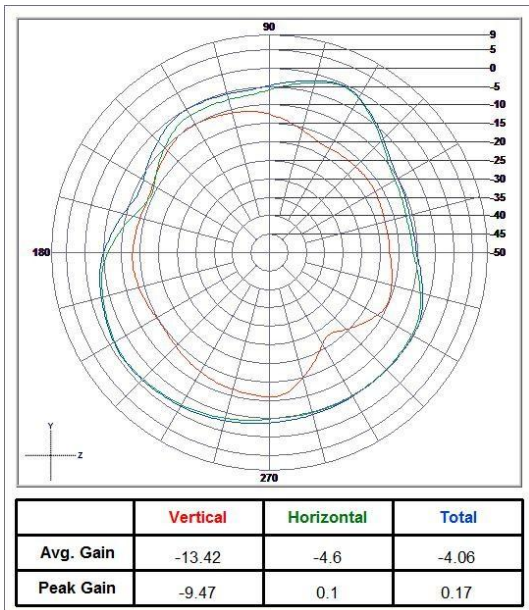
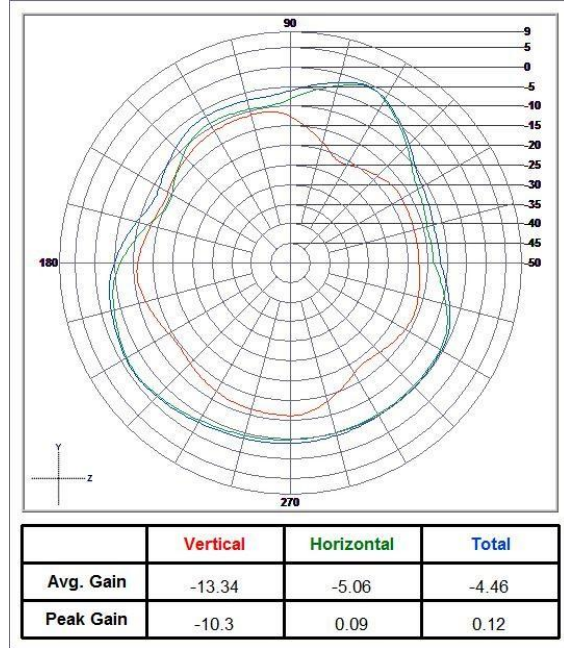
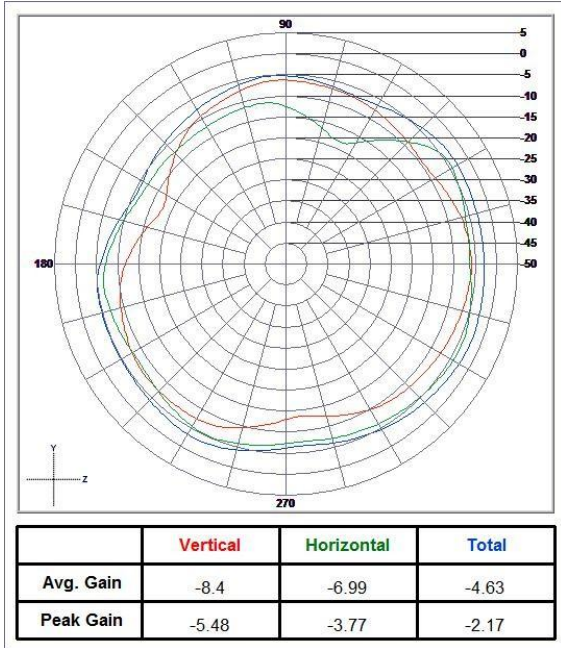
Efficiency & Gain (dBi)

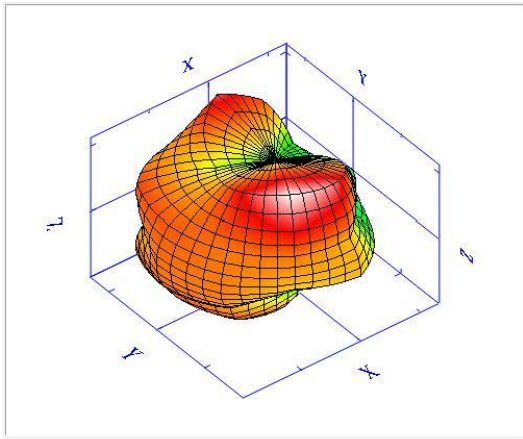
2.400GHz

2.440GHz

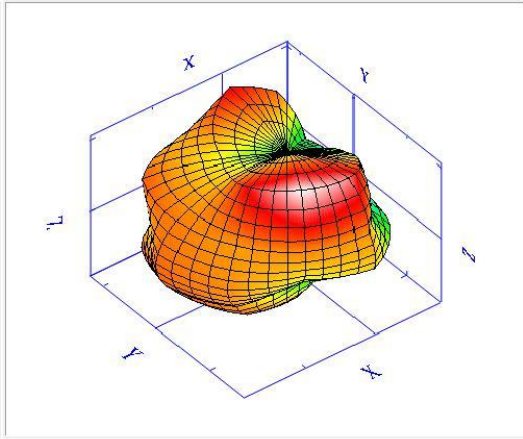
2.48GHz

Radiation Pattern:





0.52 -1.11 -2.74 -4.37 -6 -7.63 -9.26 -10.89 -12.52



0.66 -1.9 -2.45 -4.01 -5.57 -7.12 -8.68 -10.24 -11.79