

Antenna Specification for Approval

Customer Name: _____

Product Name: _____ 2. 4G antenna

Product Name: _____

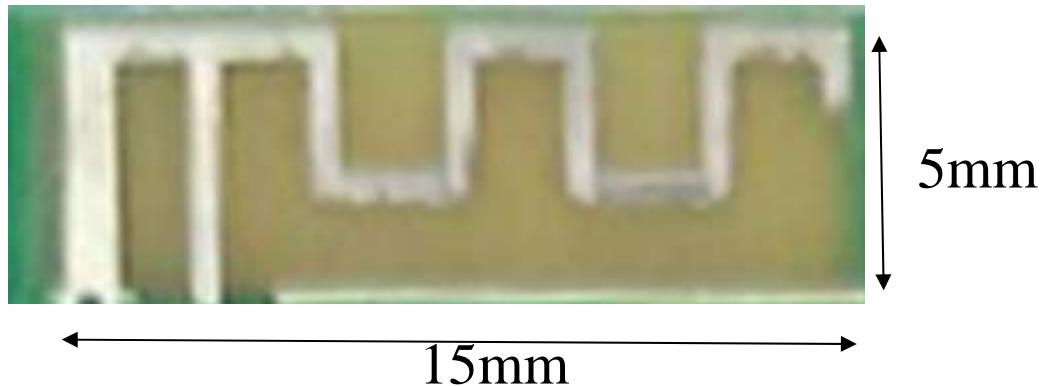
Part NO. : _____

Write By: _____

Issued Date: _____ 2022-3-20

| R&D Dept | Business Dept | Approved By |
|----------|---------------|-------------|
| | | |

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

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 5071B

2. Communications Test Set:

Agilent E5515C

3. 3D Chamber Test System

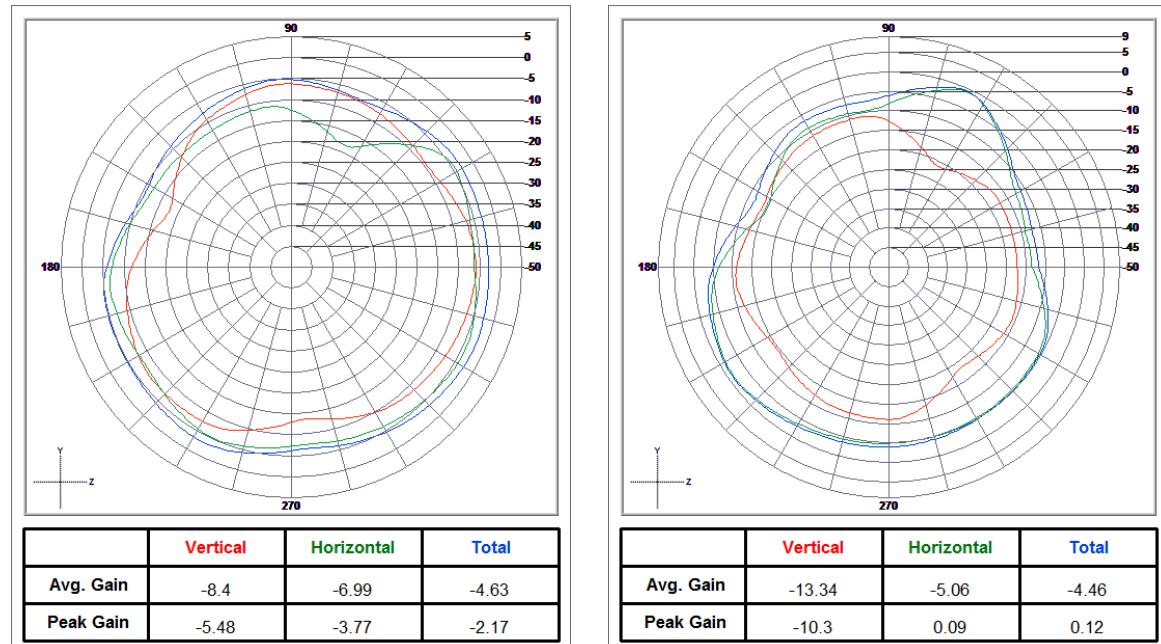
Efficiency & Gain

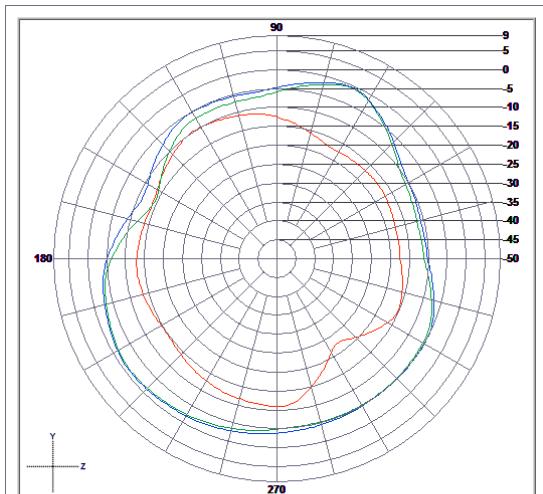
2.40 -2.17 dBi

2.440 0.12 dBi

2.48 0.17 dBi

Radiation Pattern:





| | Vertical | Horizontal | Total |
|-----------|----------|------------|-------|
| Avg. Gain | -13.42 | -4.6 | -4.06 |
| Peak Gain | -9.47 | 0.1 | 0.17 |

