

Dongzhen Electronics Co., LTD

Antenna Specification for Approval

Customer Name: Dongzhen Electronics Co., LTD

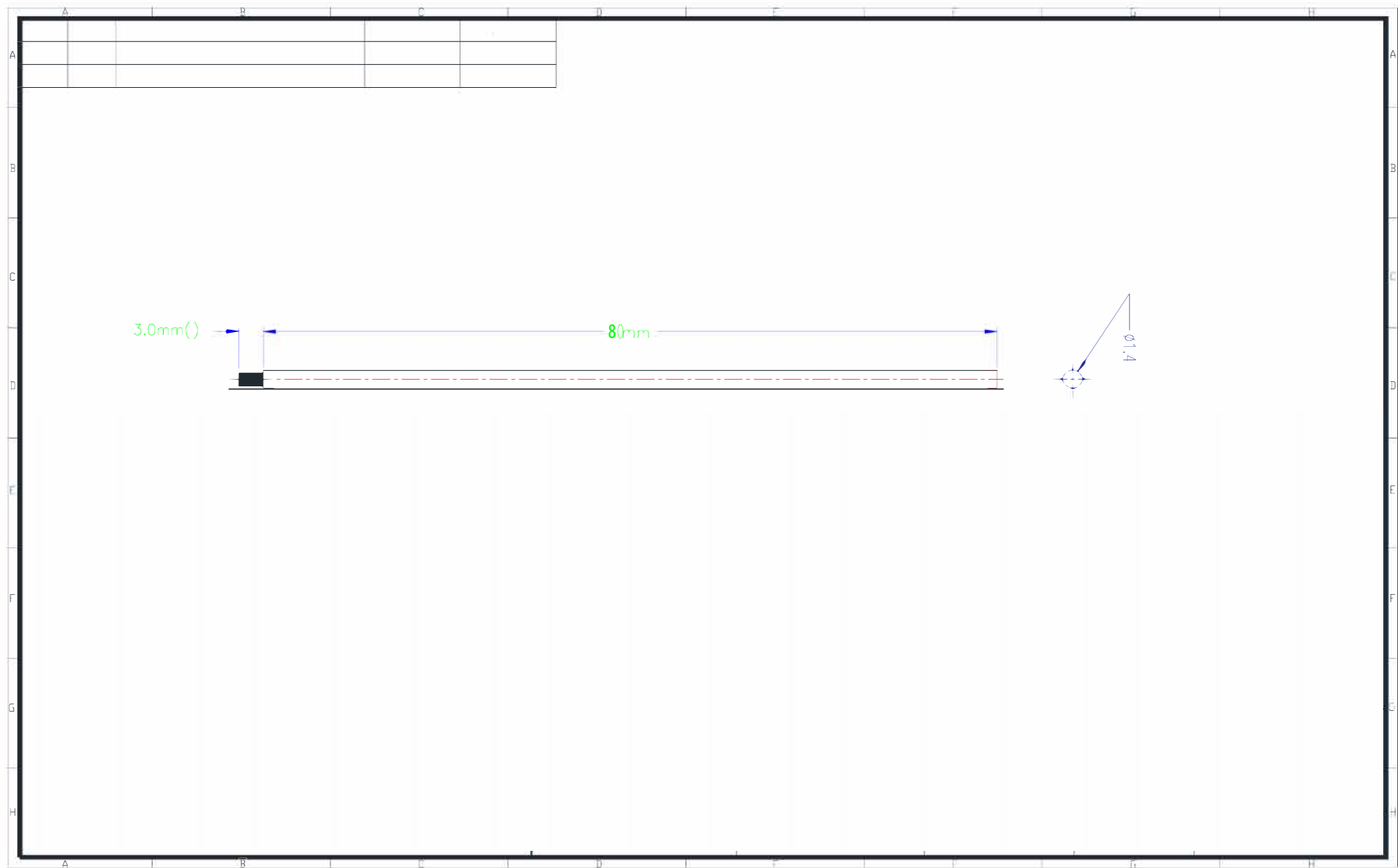
Product Name: 2.4G antenna

Product Name:

Part NO. : 19 *0.12*1.4PVC

Address : 19th floor, Building 3#, Taihe City Plaza, No.6 Banzhong Road,
Xindian Town, Jin 'an District, Fuzhou, Fujian

Issued Date: 2019-3-8



Product Specification

A. Electrical Characteristics

Frequency 2400MHz ~2500MHz

VSWR <1.0

Efficiency >20%

Impedance 50 Ohm

Polarization Line

Gain 0DBi

B. Material & Mechanical Characteristics

Material of Radiator Cu

Cable Type 1.4

Connector Type : NO

Dimension

C. Environmental

Operation Temperature - 30 °C ~ + 80 °C

Storage Temperature - 30 °C ~ + 85 °C

Test Equipment & Conditions

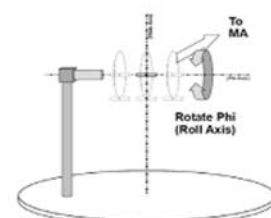
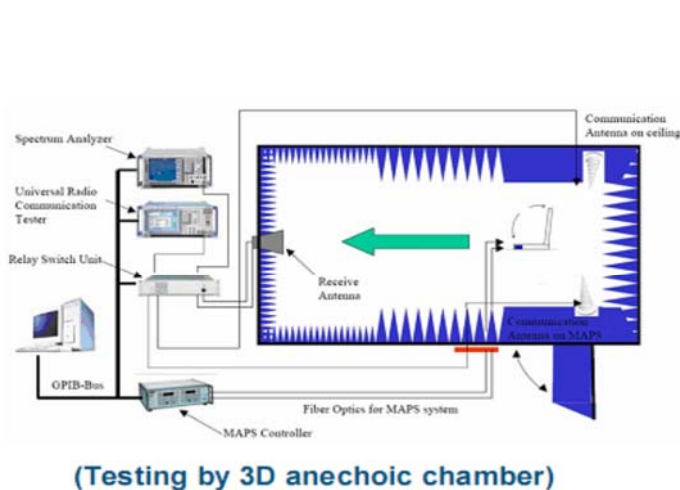
1. Network Analyzers :

Agilent 8753D 5071B

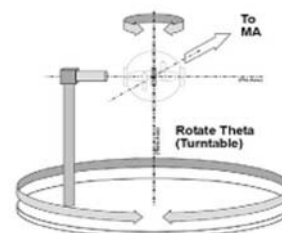
2. Communications Test Set:

Agilent E5515C

3. 3D Chamber Test System



Phi axis test

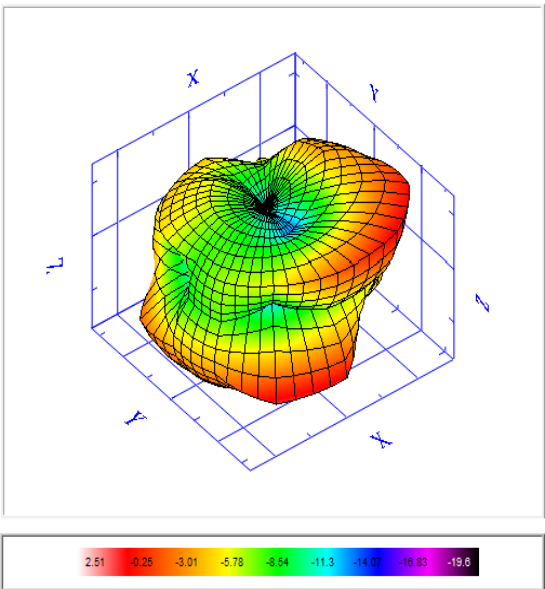
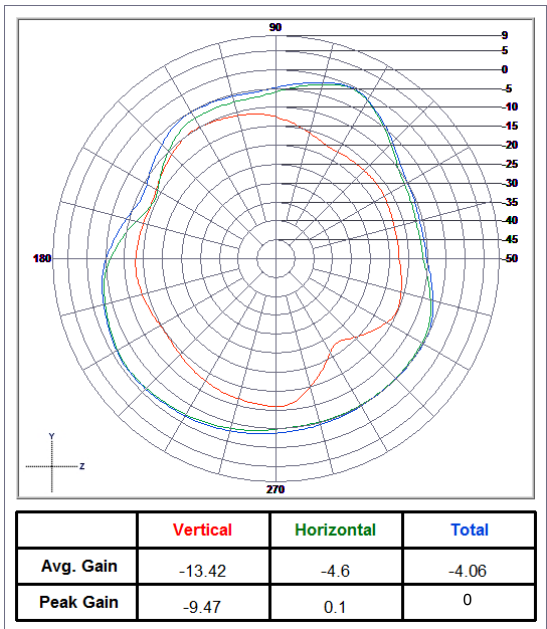
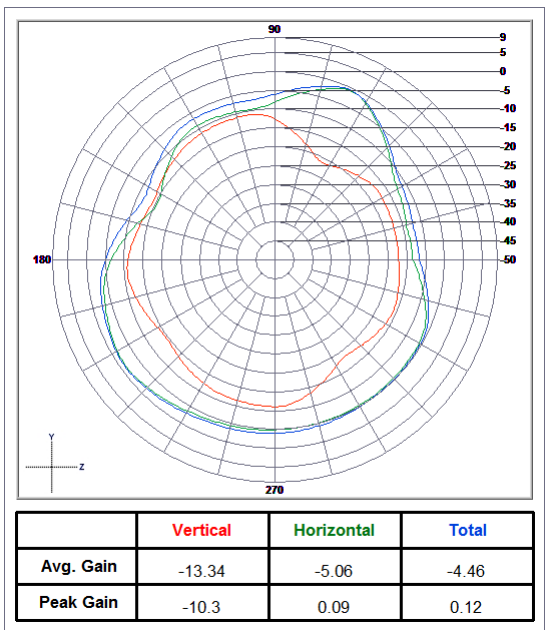
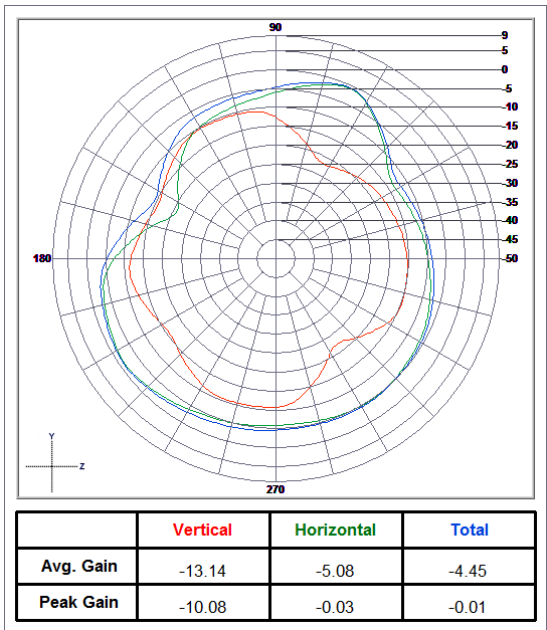


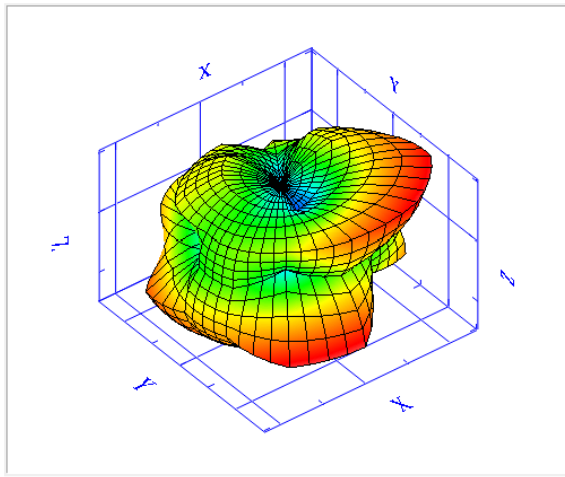
Theta axis test

Effiency &Gain

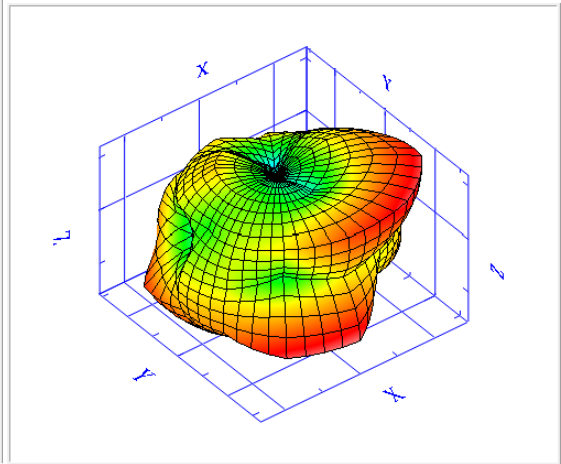
2.40 -0.01 dBi
2.440 0.12 dBi
2.48 0 dBi

Radiation Pattern:





2.12 -0.3 -2.73 -5.16 -7.58 -10.01 -12.44 -14.86 -17.29



1.98 -0.58 -3.14 -5.7 -8.25 -10.81 -13.37 -15.93 -18.49