

Antenna Specification for Approval

Manufacturer : **Dongzhen Electronics Factory, Longhu District, Shantou City**

Company address: Building 2, Upper Lane 1, Jinfeng North Street, Jinfeng Neighborhood Committee, Xinjin Street, Longhu District, Shantou City

Product Name: 2.4G antenna

Part NO. : 19PIN*0.12*1.4PVC

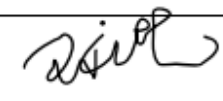
Write By: Mr. zhou

Issued Date: 2019-5-8

customer:

R&D Dept	Business Dept	Approved By

Supplier

R&D Dept	Engineer Dept	Approval
		

The figure is a technical drawing of a PCB layout. It features a rectangular area with a dashed red line indicating a specific boundary. A dimension line shows a length of 32mm. A circular feature is shown with a diameter of 1.4mm. A dimension of 3.0mm is indicated for a specific feature. The drawing is labeled with 'A' through 'H' and '1' through '8'.

PART TITLE	MATERIAL	UNIT IN	SCALE	VER.
2.4GANT	19PIN×0.12×1.4PVC	mm	5:1	01
PART NO.	19PIN×0.12×1.4PVC	DATE	CHECKING	SUPPLIER CFM
		2019/3/09		

Dongzhen Electronic Technology Co., Ltd

requirement:

1, Those marked with tolerance are important dimensions, and those without tolerance shall be ± 0.15.

Product Specification

A. Electrical Characteristics

Frequency: 2400MHz ~2500MHz

VSWR: <3.0

Efficiency: >20%

Impedance: 50 Ohm

Polarization Line

Gain: 0.17Dbi

Antenna Type: internal antenna

Polarization mode: linear polarization

B. Material & Mechanical Characteristics

Material of Radiator Cu

Cable Type 1.4 white

Connector Type : NO

Dimension

C. Environmental

Operation Temperature - 30 °C ~ + 80 °C

Storage Temperature - 30 °C ~ + 85 °C

Test Equipment & Conditions

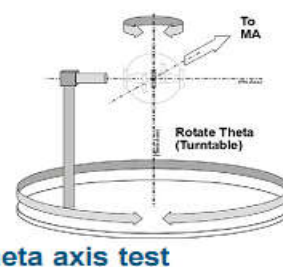
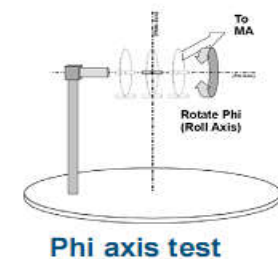
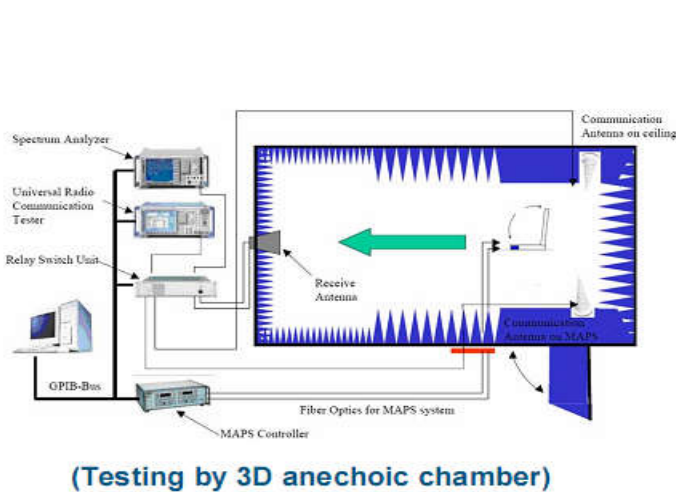
1. Network Analyzers :

Agilent 8753D 5071B

2. Communications Test Set:

Agilent E5515C

3. 3D Chamber Test System



Effiency &Gain

2.40	-0.01
2.440	0.12
2.48	0.17

Radiation Pattern:

