

Antenna Specification for Approval

Customer Name: Yuan bang

Product Name: 2.4G On-board antenna

Antenna Type: On-board antenna

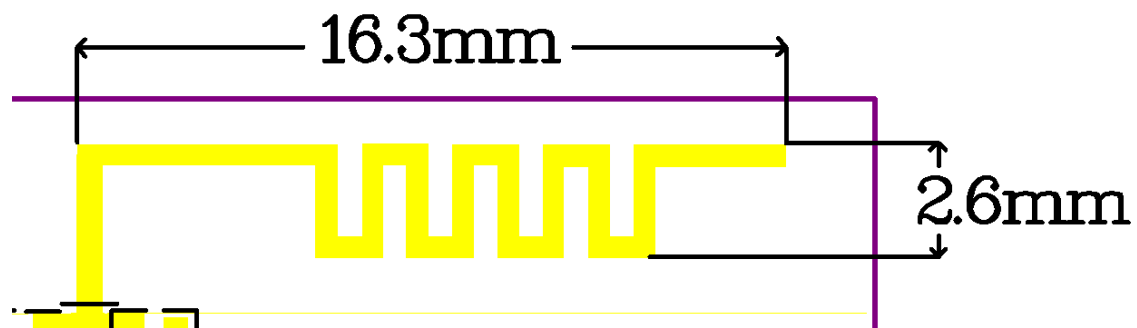
Part NO.: 2026.07.09

Write By: Wang

Issued Date: 2026.07.09

Manufacturer: Shantou Chenghai Hailin Electronic Technology Co., Ltd.

Address: *No.16, Second Lane, Chenghai District Customs, Shantou City*



Product Specification

A. Electrical Characteristics

Frequency 2400MHz~2500MHz

VSWR <3.0

Efficiency >30%

Impedance 50Ohm

Polarization Line

Gain 0 DBi

B.Material & Mechanical Characteristics

Material of Radiator Cu

On-board antenna

Connector Type :NO

Dimension

C.Environmental

Operation Temperature -30°C~+80°C

Storage Temperature -30°C~+85°C

Test Equipment & Conditions

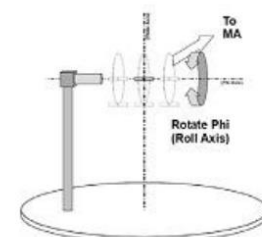
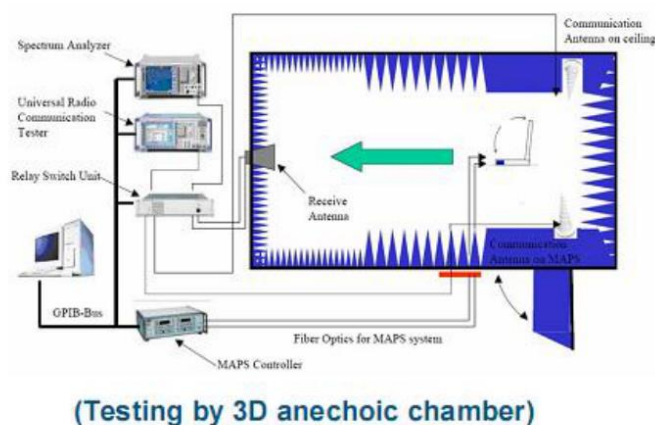
1. Network Analyzers :

Agilent 8753D 5071B

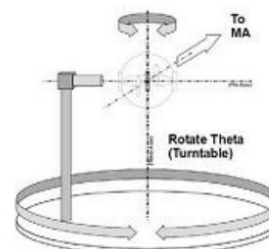
2. Communications Test Set:

AgilentE5515C

3. 3D Chamber Test System Effiency &Gain



Phi axis test



Theta axis test

Effiency &Gain

2.410 -0.01

2.440 0.12

Radiation Pattern:

