

Antenna Specification for Approval

Customer Name: Guozhou Electronics

Product Name: 2.4G On-board antenna

Antenna Type: On-board antenna

Part NO.: 2026.01.20

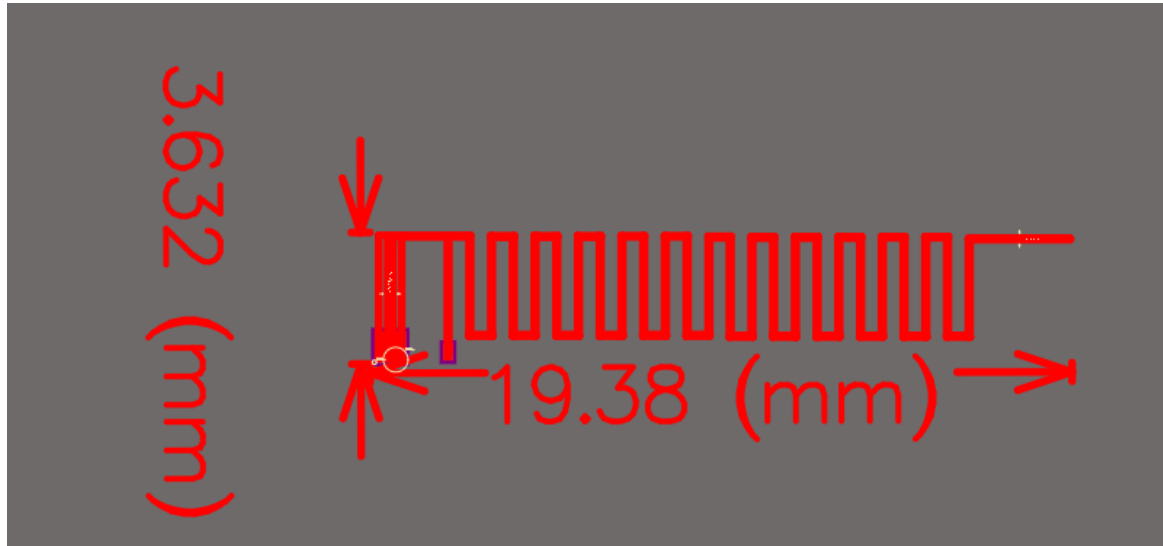
Write By: Zeng

Issued Date: 2026.01.01

Manufacturer: Shantou Chenghai GuoZhou Electronic Technology Co., Ltd

Address: No. 2, West 40 Lane, Donghu Industrial Avenue, Fengxiang

Subdistrict, Chenghai District, Shantou City



Product Specification

A. Electrical Characteristics

Frequency 2400MHz~2500MHz

VSWR <3.0

Efficiency >30%

Impedance 50 Ohm

Polarization Line

Gain: 1.13 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

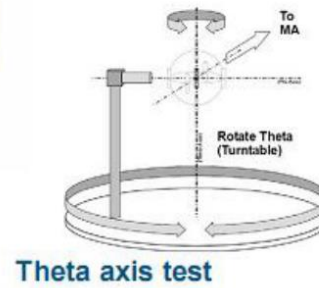
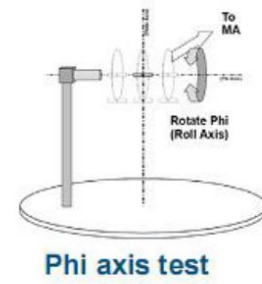
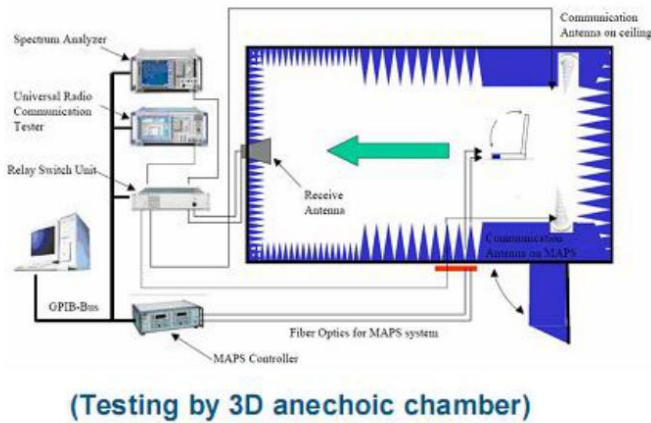
1. Network Analyzers :

Agilent 8753D 5071B

2. Communications Test Set:

Agilent E5515C

3. 3D Chamber Test System Efficiency & Gain



Efficiency & Gain

2.405:	1.09
2.440:	1.13
2.475:	1.10

Radiation Pattern:

