

Antenna Specification for Approval

Manufacturer: KaiSinc Electronics

Company address: Binjiang Road 3, Meidai, Chenghua

Subdistrict, Chenghai District, Shantou City, Guangdong
Province, China

Product Name: 2.4G antenna

Part NO. : 12-008-40MM

Write By: Mr. zhu

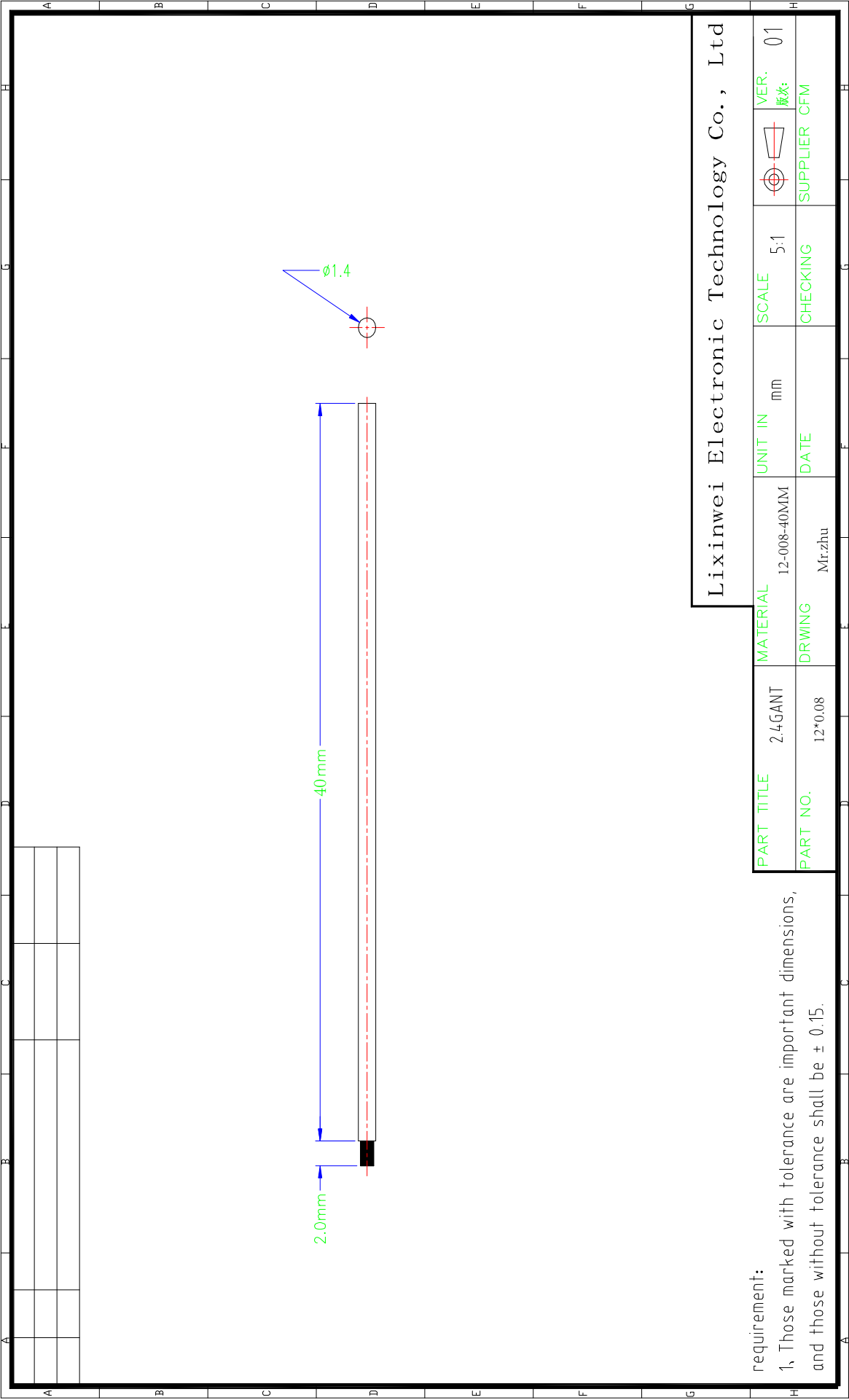
Issued Date: 2026-3-8

customer:

R&D Dept	Business Dept	Approved By

supplier

R&D Dept	Engineer Dept	Approval



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

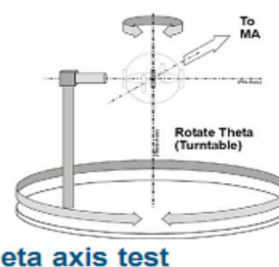
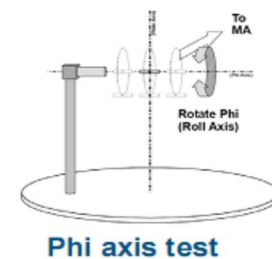
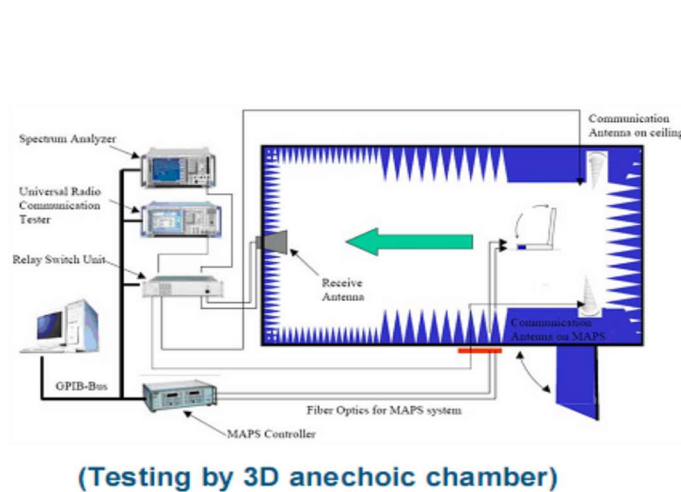
1. Network Analyzers :

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:

