

Antenna Specification for Approval

Manufacturer: Shantou City Longhu District Dongzhen electronics factory

Factory address: Shantou City Longhu District Xinjin Street Jinfeng neighborhood Committee

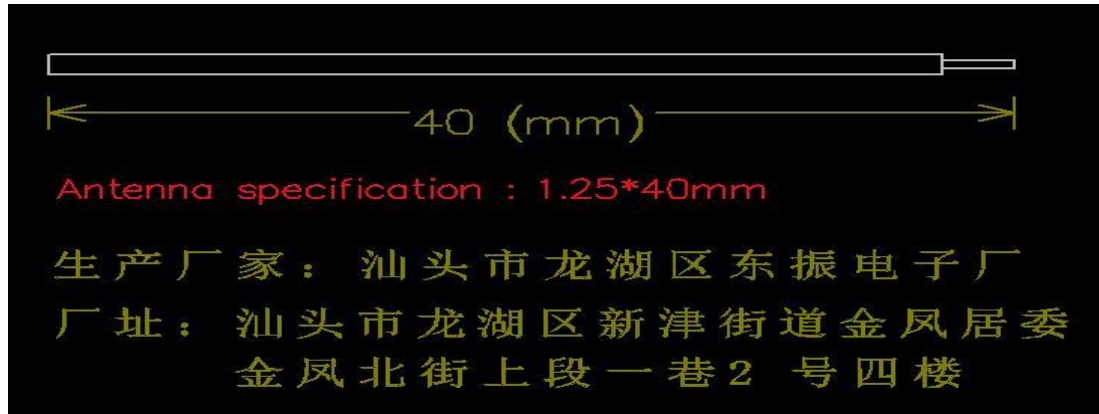
Fourth floor, No. 2, Lane 1, upper section, North Jinfeng Street

Product Name: 2.4G antenna 40mm white

Part NO.:C10-35-2.5

Issued Date: FEB-15-2023

Product Specification



A. Electrical Characteristics

Frequency 2405MHz ~2480MHz

VSWR <3.0

Efficiency >30%

Impedance 50 Ohm

Polarization Line

Gain 0.17dBi

B. Material & Mechanical Characteristics

Material of Radiator Cu

Cable Type 1.0 12P white

Connector Type : NO

Dimension

C. Environmental

Operation Temperature - 30 °C ~ + 80 °C

Storage Temperature - 30 °C ~ + 85 °C

Test Equipment & Conditions

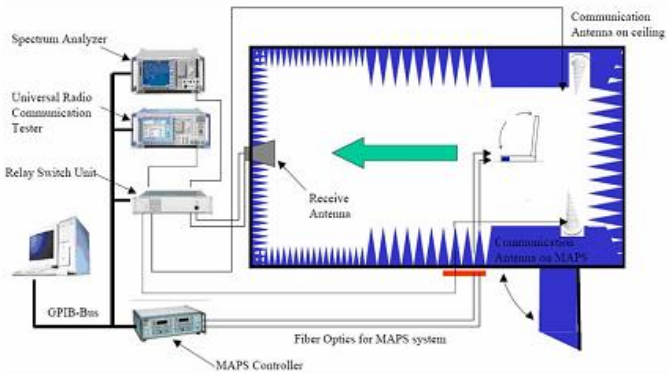
1. Network Analyzers :

Agilent 8753D 5071B

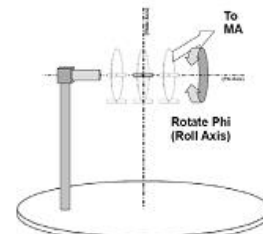
2. Communications Test Set:

Agilent E5515C

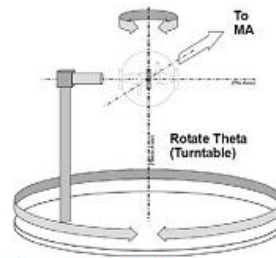
3. 3D Chamber Test System



(Testing by 3D anechoic chamber)



Phi axis test



Theta axis test

Efficiency & Gain

2.400 -2.17

2.440 0.12

2.480 0.17

Radiation Pattern:

