

LXH

Antenna Specification for Approval

Customer Name:

Product Name: 2.4G antenna 40mm white

Product Name:

Part NO. : C10-35-2.5

Write By:

Issued Date: FEB-15-2023

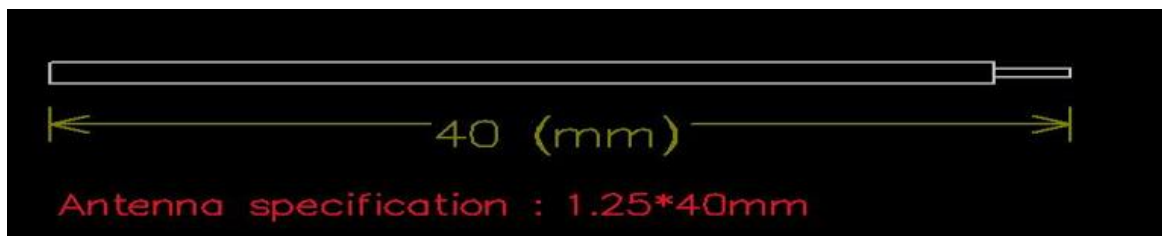
Customer:

R&D Dept	Business Dept	Approved By

LXH

R&D Dept	Engineer Dept	Approval

Product Specification



Manufacturer: Shantou Longhu District Dongzhen Electronics Factory

Address: 4th Floor, No. 2, Lane 1, Upper Section of Jinfeng North Street, Jinfeng Community, Xinjin Street, Longhu District, Shantou, Guangdong, China

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 1.25 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 :

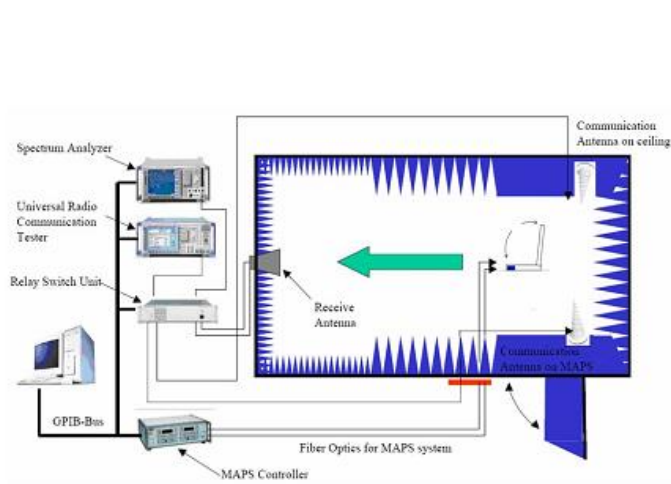
Agilent 8753D 5071B

2. Communications Test Set:

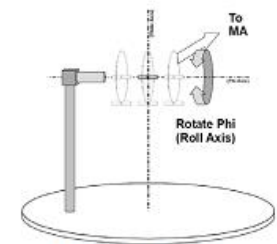
Agilent E5515C

3. 3D Chamber Test System

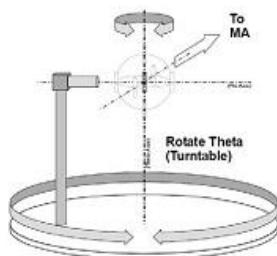
Effiency &Gain



(Testing by 3D anechoic chamber)



Phi axis test



Theta axis test

Effiency &Gain

2.40	-0.00
2.440	-0.11
2.48	-0.13

Radiation Pattern:

