

Antenna Specification for Approval

Product Name: 2.4G Antenna length40mm,white

产品料号:

Part NO.: 17芯*0.12*1.5PVC

制 表:

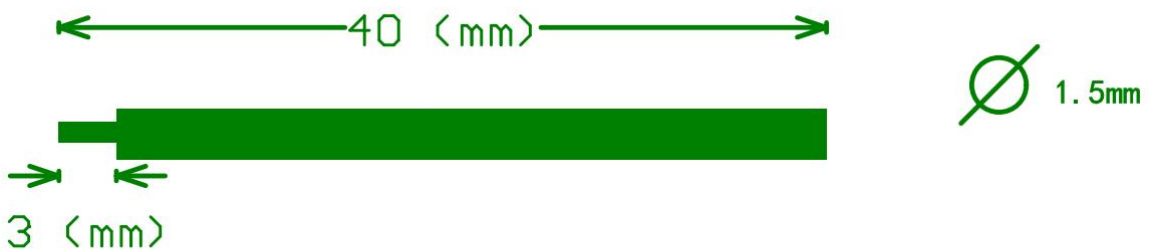
Write By: ZP

日 期:

Issued Date: 2024-04-01

Manufacturer:Xinrui Wire Factory

Address: Room 701, Building 7, Wenjie Quanhe Pu Hai, Changjiang Road and Lushan Road,
Xinjin Street, Longhu District, Shantou City, Guangdong Province



Product Specification

A. Electrical Characteristics

Frequency 2407MHz ~2477MHz

VSWR <1.0

Efficiency >20%

Impedance 50 Ohm

Polarization Line

Gain 0.17dBi

B. Material & Mechanical Characteristics

Material of Radiator Cu

Cable Type 1: 4cm white

Connector Type : NO

Dimension

C. Environmental

Operation Temperature - 30 °C ~ + 80 °C

Storage Temperature - 30 °C ~ + 85 °C

Test Equipment & Conditions

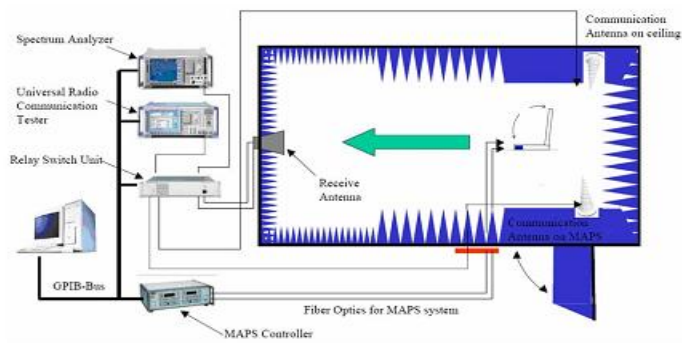
1. Network Analyzers :

Agilent 8753D 5071B

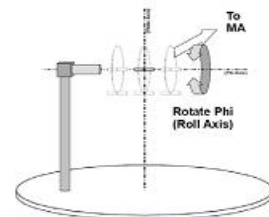
2. Communications Test Set:

Agilent E5515C

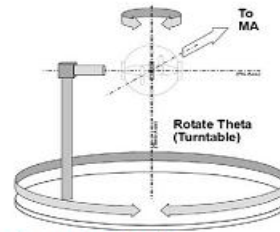
3. 3D Chamber Test System



(Testing by 3D anechoic chamber)



Phi axis test



Theta axis test

Efficiency & Gain

2.400	-0.01 DBi
2.440	0.12 DBi
2.480	0.17 DBi

Radiation Pattern:

