

天线规格承认书

Antenna Specification for Approval

产品名称: Product Name: 2.4G 天线 全长40mm白色

产品料号: Part NO.: 17芯*0.12*1.5PVC

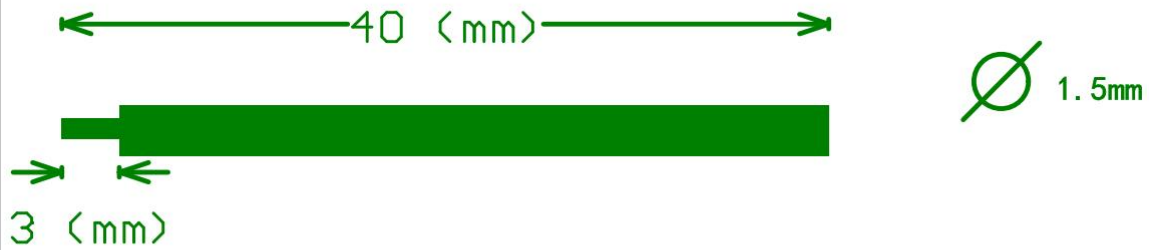
制表: Write By: ZP

日期: Issued Date: 2024-04-01

制造商名称及地址: Xinrui Wire factory
Manufacturer's name address Room 701, Haiqi Building, Wenjie Quhepu, Lushan Road and Changjiang Road, Xinjin Subdistrict, Longhu District, Shantou City

芯蕊线材厂

研发R&D Dept	工程 Engineer Dept	审核 Approval



Product Specification

A. Electrical Characteristics

Frequency 2405MHz ~2475MHz

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

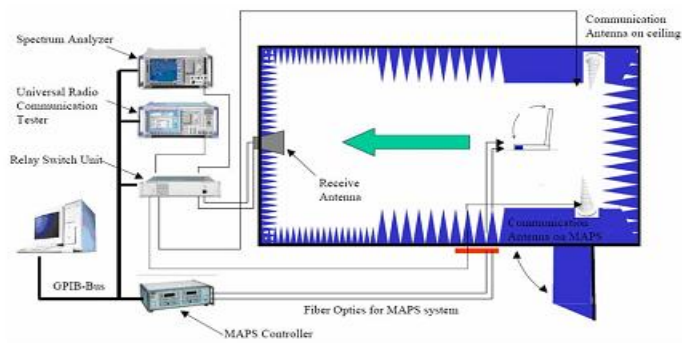
1. Network Analyzers :

Agilent 8753D 5071B

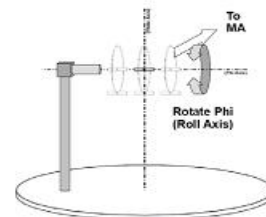
2. Communications Test Set:

Agilent E5515C

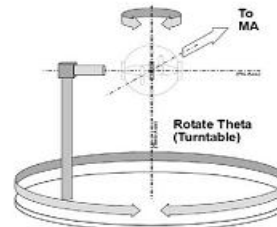
3. 3D Chamber Test System



(Testing by 3D anechoic chamber)



Phi axis test



Theta axis test

Efficiency & Gain

2.405	-0.01 DBi
2.440	0.12 DBi
2.475	0.17 DBi

Radiation Pattern:

