

芯蕊线材厂 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

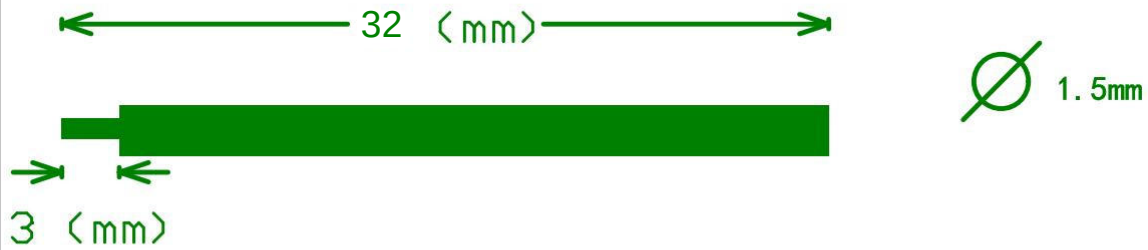
客 户：

工程R&D Dept	采购Business Dept	承认 Approved By

芯蕊线材厂

研发R&D Dept	工程 Engineer Dept	审核 Approval

Manufacturer:Shantou Suye Toys Co., Ltd.
Address:No.18,Lianxin 1 Road,Lianxia Town, ChenghaiDistrict,
Shantou City,Guangdong, China



Product Specification

A. Electrical Characteristics

Frequency 2402MHz ~2480MHz

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

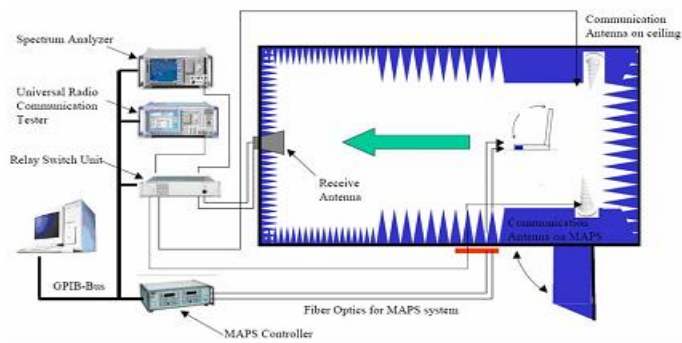
1. Network Analyzers :

Agilent 8753D 5071B

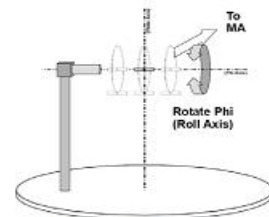
2. Communications Test Set:

Agilent E5515C

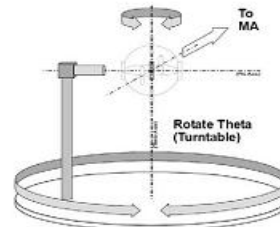
3. 3D Chamber Test System



(Testing by 3D anechoic chamber)



Phi axis test



Theta axis test

Efficiency & Gain

2.407	-0.01 DBi
2.447	-0.2 DBi
2.477	0.17 DBi

Radiation Pattern:

