

天线规格承认书

Antenna Specification for Approval

客户名称

Customer Name: _____

产品名称:

Product Name: _____ 2.4G antenna 全长45mm白色

客户型号:

Product Name: _____

产品料号:

Part NO.: _____ C45-1.1

制 表:

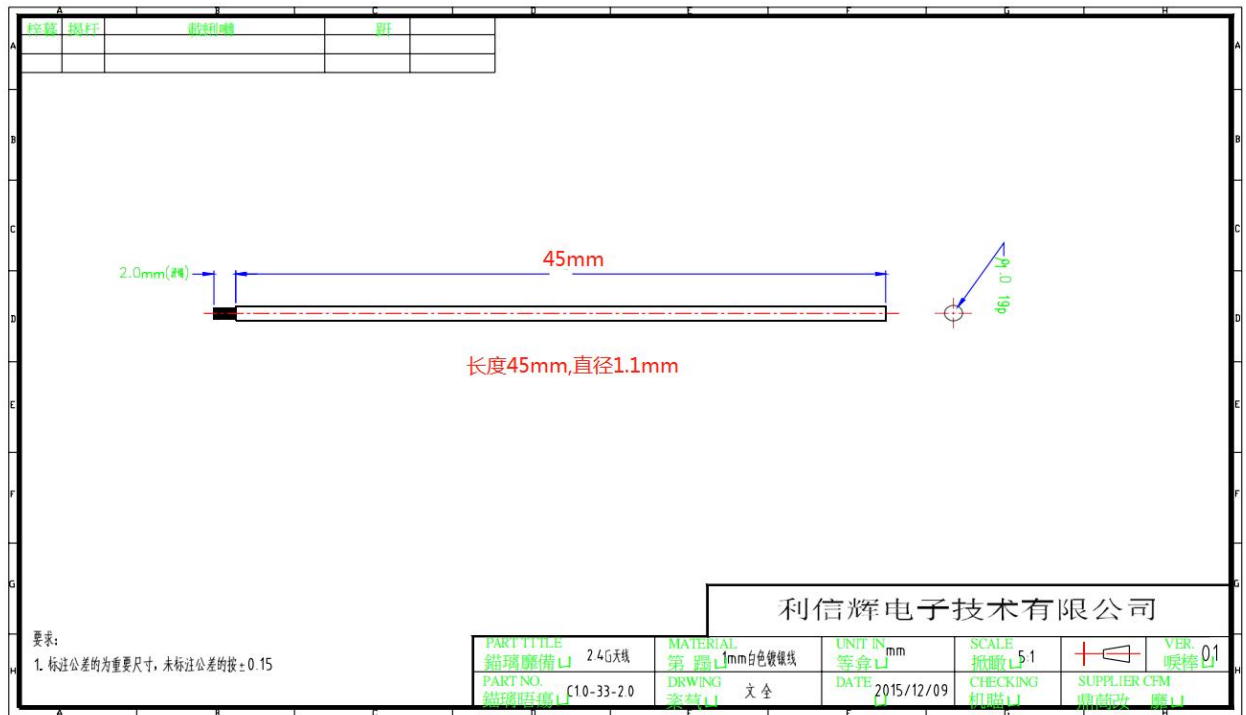
Write By: _____

日 期:

Issued Date: _____ 2019-7-20

Manufacturer: HONGDI TOYS FACTORY

Manufacturer add.: No. 82 Zhenxing Road, Chenghai District, Shantou City, China



Product Specification

A. Electrical Characteristics

Frequency 2400MHz ~2500MHz

VSWR <3.0

Efficiency >50%

Impedance 50 Ohm

Polarization Line

Gain 0.17dBi

B. Material & Mechanical Characteristics

Material of Radiator Cu

Cable Type 1.13

Connector Type : NO

Dimension

C. Environmental

Operation Temperature - 30 °C ~ + 80 °C

Storage Temperature - 30 °C ~ + 85 °C

Test Equipment & Conditions

1. Network Analyzers :

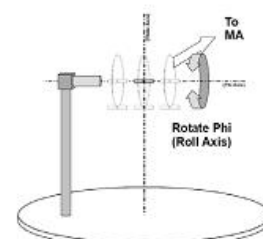
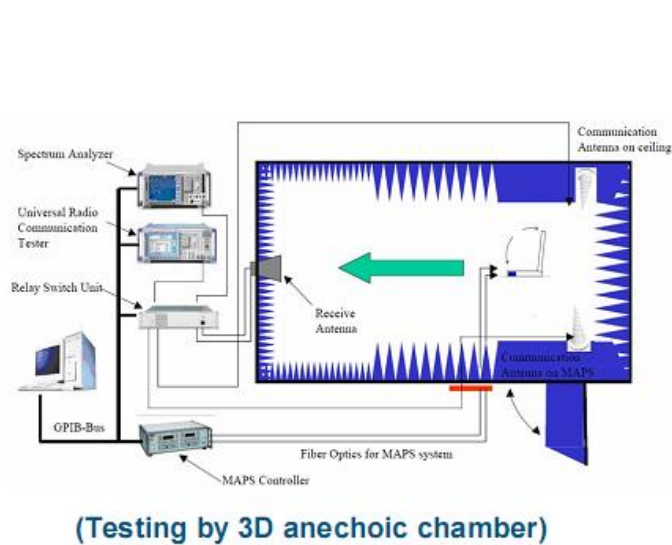
Agilent 8753D 5071B

2. Communications Test Set:

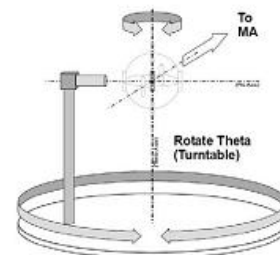
Agilent E5515C

3. 3D Chamber Test System

Efficiency & Gain



Phi axis test



Theta axis test

Efficiency & Gain

2.40	-0.01
2.440	0.12
2.48	0.17

Radiation Pattern:

