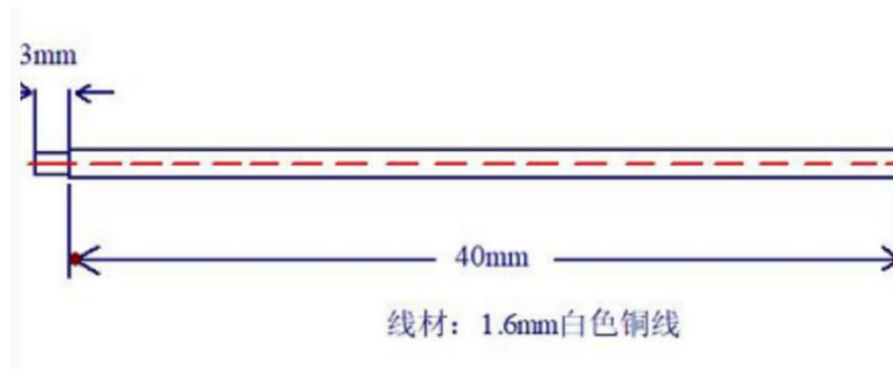


Antenna Specification for Approval

Manufacturer: SHANTOU YUANDI TOYS INDUSTRIAL CO.,LIMITED

Address of Manufacturer: DONGYA BULIDING ,SHANGDAI INDUSTRIAL AREA,CHENGHUA STREET, CHENGHAI DISTRICT,SHANTOU CITY.GUANGDONG PROVINCE.CHINA

Antenna Type: Wire Antenna



备注: 2.4G 天线规格为 17 芯 0.10 外径 1.6MM 电子导线, 白色, 长度为 40MM, 线头剥皮 3MM 上锡。符合环保标准: 欧盟 EN71(19E)、ROHS、PAHS、6P~16P、欧美 CPSIA、HR4040。

Product Specification

A. Electrical Characteristics

Frequency 2400MHz ~2500MHz

VSWR <3.0

Efficiency >30%

Impedance 50 Ohm

Polarization Line

B. Material & Mechanical Characteristics

Material of Radiator Cu

Cable Type 1.0 19P 白色

Connector Type : NO

Dimension

C. Environmental

Operation Temperature - 30 °C ~ + 80 °C

Storage Temperature - 30 °C ~ + 85 °C

Test Equipment & Conditions

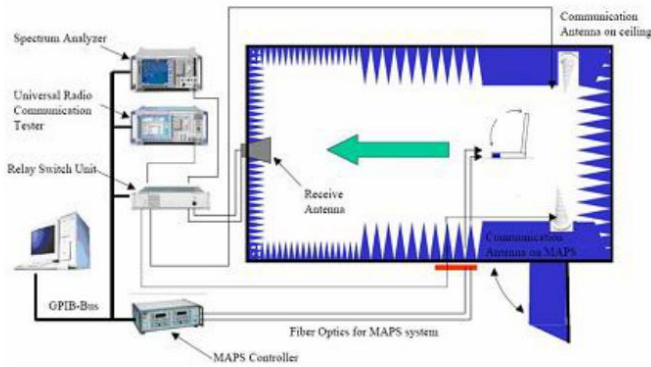
1. Network Analyzers :

Agilent 8753D 5071B

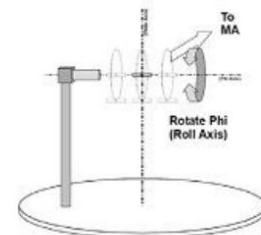
2. Communications Test Set:

Agilent E5515C

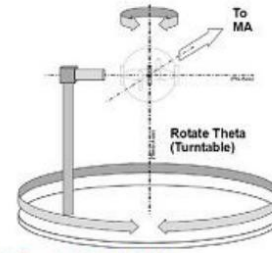
3. 3D Chamber Test System Efficiency & Gain



(Testing by 3D anechoic chamber)



Phi axis test



Theta axis test

Efficiency & Gain

Radiation Pattern:

