

汕头市宏展电业有限公司

天线规格承认书

Antenna Specification for Approval

客户名称

Customer Name: 海宁电子

产品名称: _

Product Name: 2.4G 天线 全长40mm 白色 white

客户型号:

Product Name: HN-272T

产品料号:

Part NO.: 17-0.1-1.6

制 表:

Write By: _____

日 期:

Issued Date: 2022.09.03

客 户:

工程R&D Dept	采购Business Dept	承认 Approved By

宏展电业

研发R&D Dept	工程 Engineer Dept	审核 Approval

Product Specification

A. Electrical Characteristics

Frequency 2400MHz ~2500MHz

VSWR <3.0

Efficiency >50%

Impedance 50 Ohm

Polarization Line

Gain 0.5dBi

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

Antenna Photo:



Test Equipment & Conditions

1. Network Analyzers :

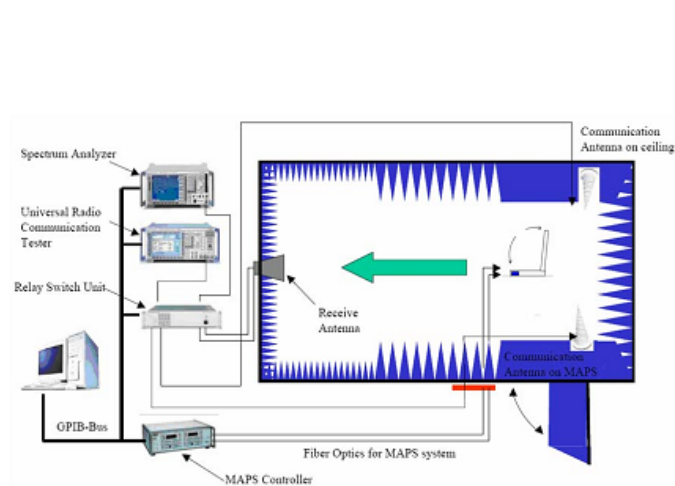
Agilent 8753D 5071B

2. Communications Test Set:

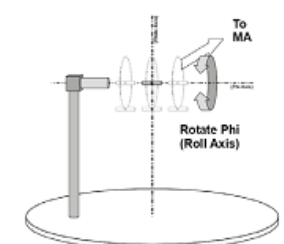
Agilent E5515C

3. 3D Chamber Test System

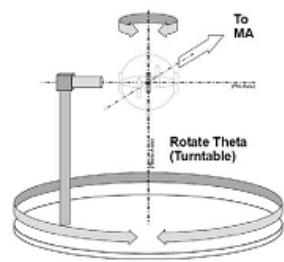
Effiency &Gain



(Testing by 3D anechoic chamber)



Phi axis test



Theta axis test

Effiency &Gain

2.40	-0.01
2.440	0.12
2.48	0.17

Radiation Pattern:

