

Shenzhen Future Miracle Artificial Intelligence Technology Co., Ltd

Antenna Specification for Approval

客户名称

Customer Name: _____

产品名称: _

Product Name: _____ 2.4G Antenna

客户型号:

Product Name: _____

产品料号:

Part NO.: _____ C113H-11125-90

制 表:

Write By: _____ Xiao Yunlian

日 期:

Issued Date: _____ 2023-9-19

工程R&E Dept	采购Business Dept	承认 Approved By

研发R&D Dept	工程 Engineer Dept	审核 Approval

Product Specification

A. Electrical Characteristics

Frequency 2402MHz-2480MHz

VSWR <3.0

Efficiency >38%

Impedance 50 Ohm

Polarization Line

Gain 1DBi

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

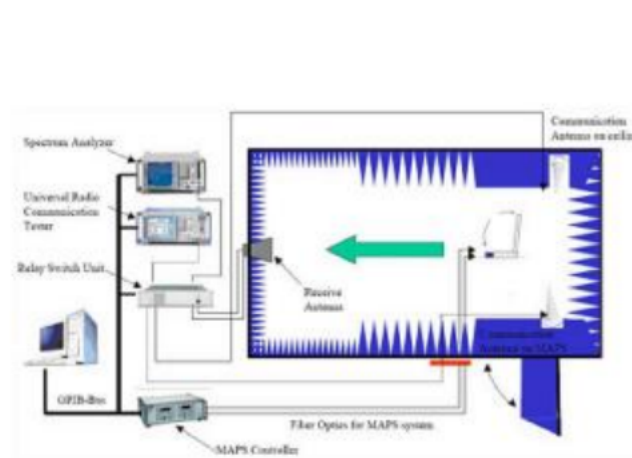
1. Network Analyzers :

Agilent 8753D 5071B

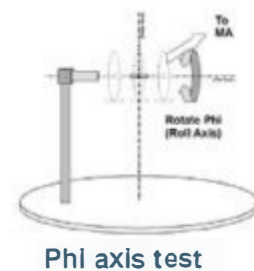
2. Communications Test Set:

Agilent E5515C

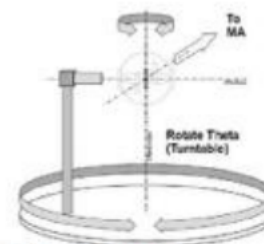
3. 3D Chamber Test System



(Testing by 3D anechoic chamber)



Phi axis test



Theta axis test

Effiency &Gain

2.40	-0.01
2.440	0.12
2.48	1.00

Radiation Pattern:

