

Antenna Specification for Approval

Customer Name: GUANGDONG HENGDI TECHNOLOGY CORP.,LTD.

Product Name: 2.4G antenna Total length 40mm white

Antenna Type: Wire Antenna

Part NO. : 17-0.10-1.6

Write By: Wang

Issued Date: 2023.10.10

client:

R&D Dept	Business Dept	Approved By

HONGTIAN

R&D Dept	Engineer Dept	Approval

Product Specification

A. Electrical CharacteristicsFrequency

2400MHz~2500MHZ

VSWR <3.0

Efficiency >30%

Impedance 50 Ohm

Polarization Line

Gain 0dBi

B. Material & Mechanical Characteristics

Material of Radiator Cu

Cable Type 1.0 19P

Connector Type : NO

Dimension

C.Environmental

Operation Temperature $-30^{\circ}\text{C} \sim +80^{\circ}\text{C}$

Storage Temperature $-30^{\circ}\text{C} \sim +85^{\circ}\text{C}$

Test Equipment & Conditions

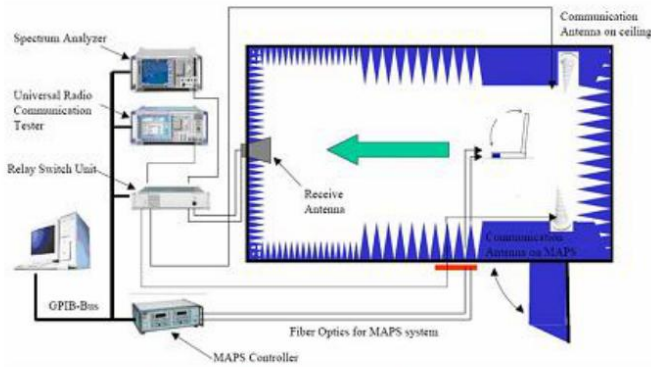
1. Network Analyzers :

Agilent 8753D 5071B

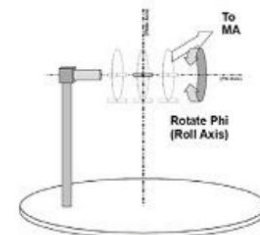
2. Communications Test Set:

Agilent E5515C

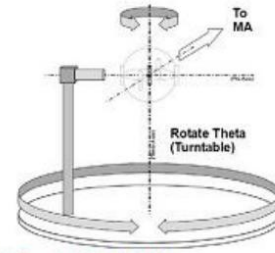
3. 3D Chamber Test System Effiency &Gain



(Testing by 3D anechoic chamber)



Phi axis test



Theta axis test

Effiency &Gain

2.40 -0.00

2.440 -0.11

2.48 -0.13

Radiation Pattern:

