

Antenna Specification for Approval

Customer Name: GUANGDONG HENGDI TECHNOLOGY CORP., LTD.

Product Name: 2.4G antenna Total length 36mm transparent

Antenna Type: Transparent antenna

Part NO. : C113H-11130-110

Write By: ZHOU MIN

Issued Date: 2014-8-20

client:

R&D Dept	Business Dept	Approved By

Dongzhen Electronics

R&D Dept	Engineer Dept	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

Test Equipment & Conditions

1. Network Analyzers :

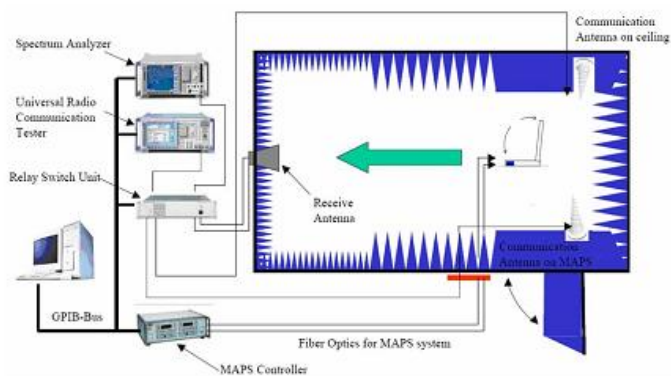
Agilent 8753D 5071B

2. Communications Test Set:

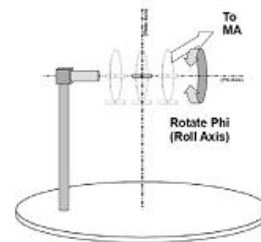
Agilent E5515C

3. 3D Chamber Test System

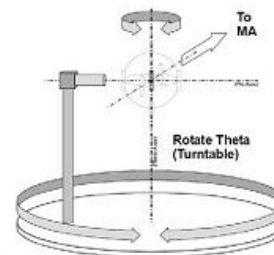
Effiency &Gain



(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:

