

Shenzhen Lixinhui Electronics Co., Ltd

Antenna Specification for Approval

Customer Name: _____

Product Name: 2.4G ANT 35mm

Product Name: X5

Part NO.: C10-35-2.5

Write By: _____

Issued Date: 2017/04/24

R&D Dept	Business Dept	Approved By

R&D Dept	Engineer Dept	Approval

Product Specification

A. Electrical Characteristics

Frequency 2400MHz ~2500MHz

VSWR <3.0

Efficiency >30%

Impedance 50 Ohm

Polarization Line

Gain 0.17dBi

B. Material & Mechanical Characteristics

Material of Radiator Cu

Cable Type 1.0 19P White

Connector Type : NO

Dimension

C. Environmental

Operation Temperature - 30 °C ~ + 80 °C

Storage Temperature - 30 °C ~ + 85 °C

Test Equipment & Conditions

1. Network Analyzers :

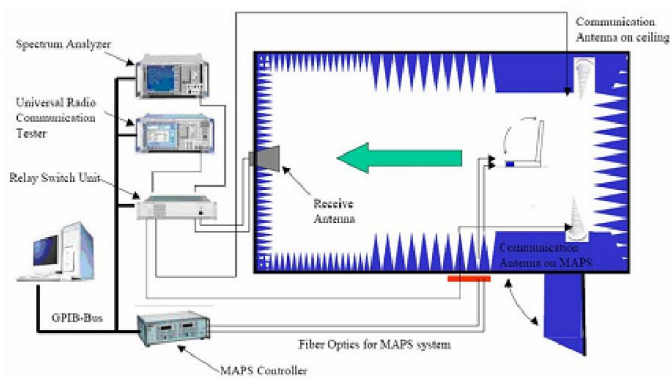
Agilent 8753D 5071B

2. Communications Test Set:

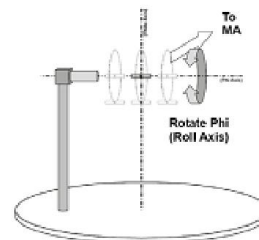
Agilent E5515C

3. 3D Chamber Test System

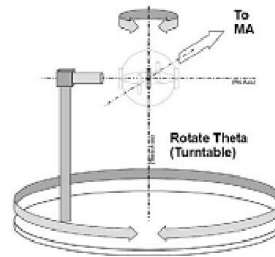
Efficiency & Gain



(Testing by 3D anechoic chamber)



Phi axis test



Theta axis test

Efficiency & Gain

2.40 -0.00 dBi

2.440 -0.11 dBi

2.48 0.17 dBi

Radiation Pattern:

