

Dongguan Lixin Wei Electronics Co., Ltd.

Antenna Specification for Approval

客户名称

Customer Name: Blu-ray Electronics

产品名称: _

Product Name: 2.4G antenna full length 90 black

客户型号:

Product Name: _____

产品料号:

Part NO.: C113H-11125-90

制 表:

Write By: Zhou Min

日 期:

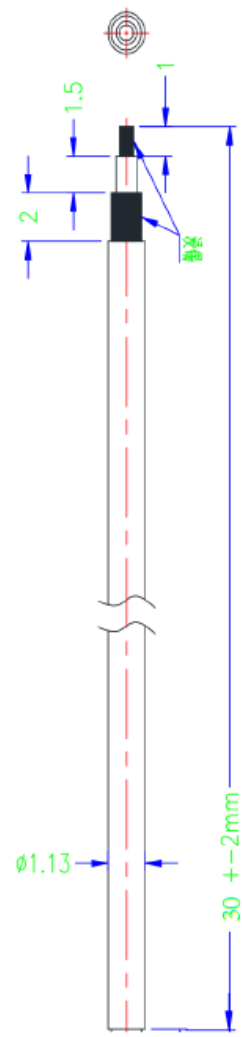
Issued Date: 2018-8-20

Customer:

工程R&D Dept	采购Business Dept	承认 Approved By

Leishway

研发R&D Dept	工程 Engineer Dept	审核 Approval



Product Specification

A. Electrical Characteristics

Frequency 2400MHz ~2500MHz VSWR

<3.0

Efficiency >38%

Impedance 50 Ohm

Polarization Line

Gain 0.17dBi

B. Material & Mechanical Characteristics

Material of Radiator Cu

Cable Type 1.13 黑色

Connector Type : NO

Dimension

C. Environmental

Operation Temperature - 30 °C ~ + 80 °C

Storage Temperature - 30 °C ~ + 85 °C

Test Equipment & Conditions

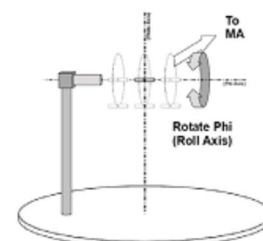
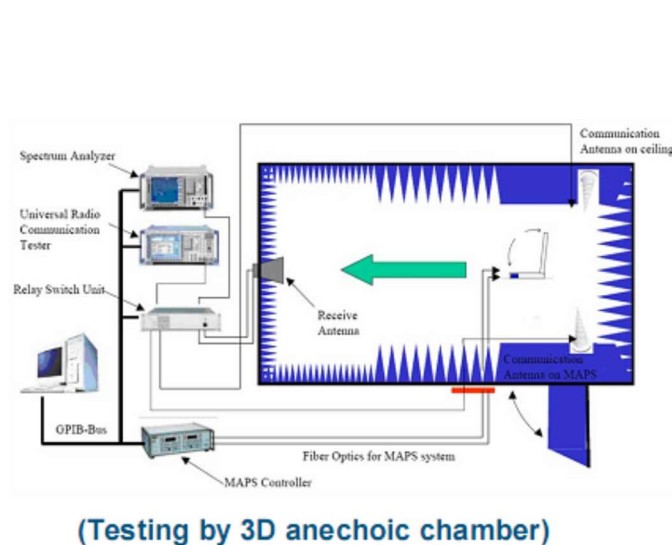
1. Network Analyzers :

Agilent 8753D 5071B

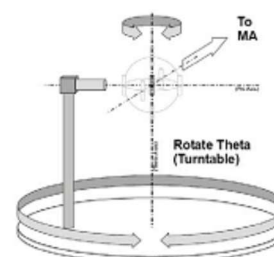
2. Communications Test Set:

Agilent E5515C

3. 3D Chamber Test System



Phi axis test

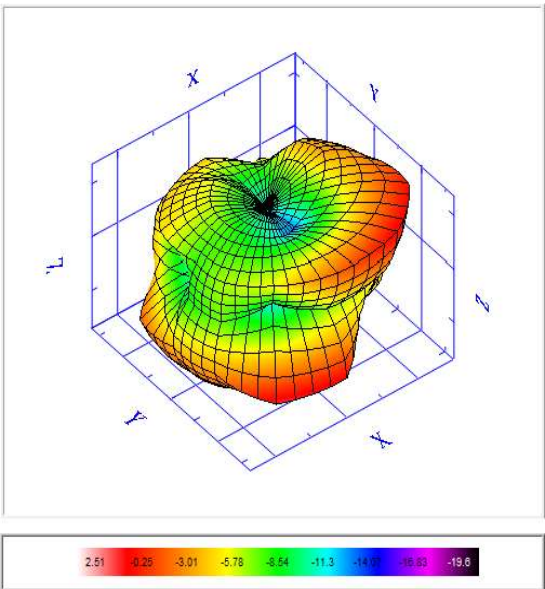
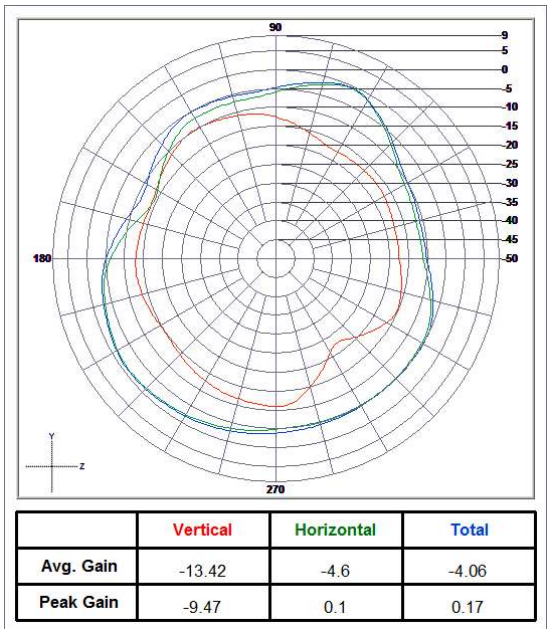
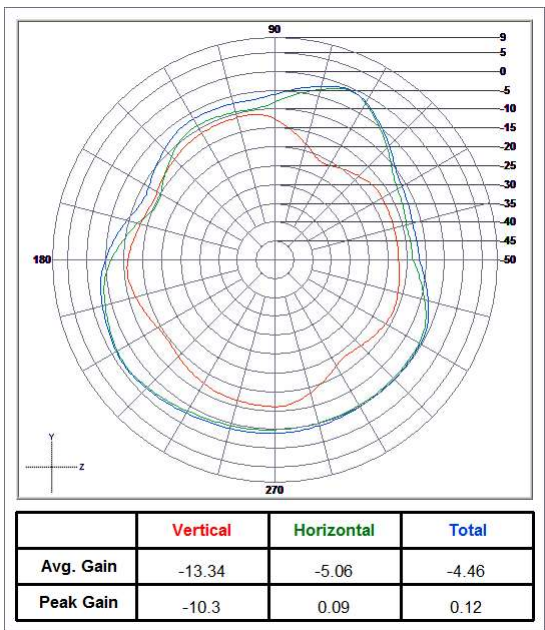
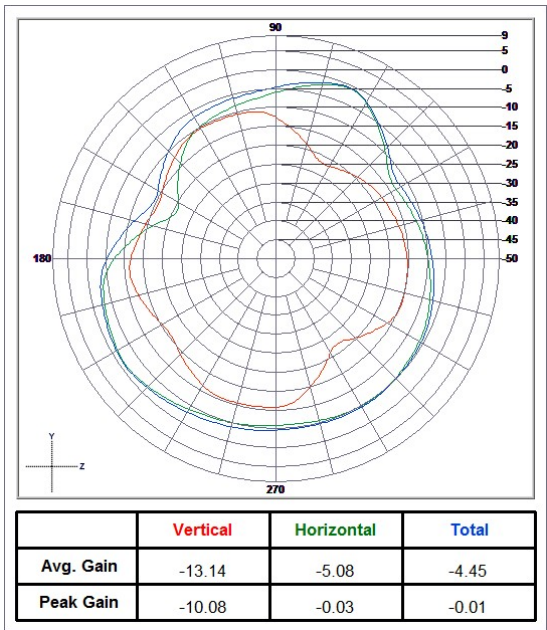


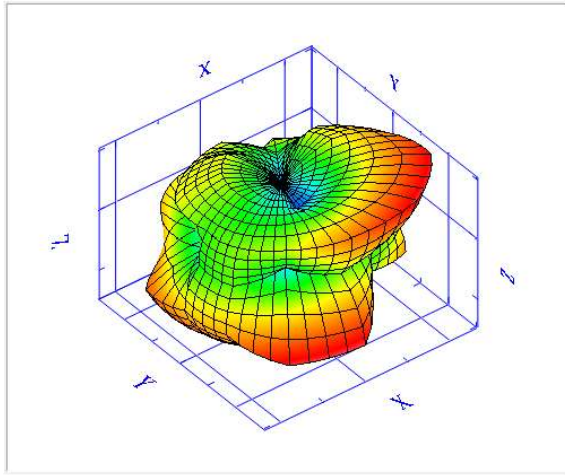
Theta axis test

Effiency &Gain

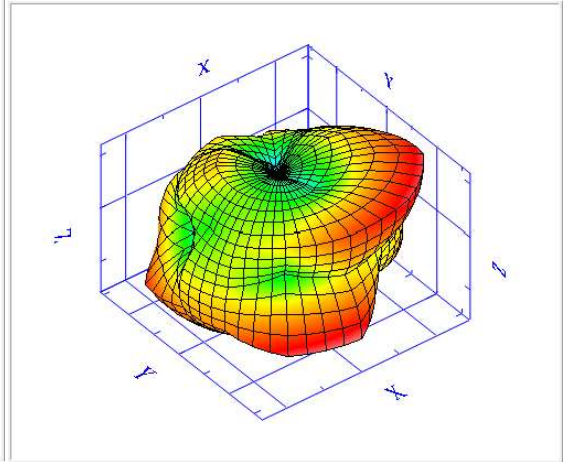
2.40	-0.01
2.440	0.12
2.48	0.17

Radiation Pattern:





2.12 -0.3 -2.73 -5.16 -7.58 -10.01 -12.44 -14.86 -17.29



1.98 -0.38 -3.14 -5.7 -8.25 -10.81 -13.37 -15.93 -18.49