

Shenzhen Lixinhui Electronics Co., Ltd

天线规格承认书

Antenna Specification for Approval

客户名称

Customer Name: _____

产品名称: _

Product Name: 2.4G antenna with a total length of 35mm white

客户型号:

Product Name: _____

产品料号:

Part NO.: _____ C10-35-2.5

制 表:

Write By: _____ 周 敏

日 期:

Issued Date: _____ 2019-3-20

客 户:

工程R&D Dept	采购Business Dept	承认 Approved By

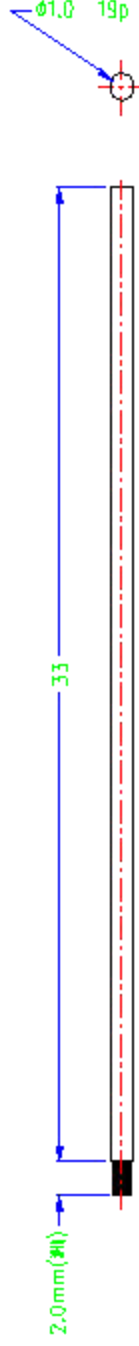
利 信 辉

研发R&D Dept	工程 Engineer Dept	审核 Approval

样件：揭付

裁切啤

研



线 1mm白色线

要求:

1. 标注公差为重要尺寸，未标注公差的按 ± 0.15 。

利信辉电子科技有限公司

PART TITLE 锦瑞隆	2.46天	第 1 页 共 1 页	UNIT IN mm	SCALE 放大 5.1	VER. 版本 01
PART NO. 锦瑞隆	10-33-2.0	DRAWING 图样	DATE 2015/12/09	CHECKING 机	SUPPLIER CFM 鼎前改 鼎

Product Specification

A. Electrical Characteristics

Frequency 2400MHz ~2500MHz

VSWR <3.0

Efficiency >30%

Impedance 50 Ohm

Polarization Line

Gain 0.17 DBi

B. Material & Mechanical Characteristics

Material of Radiator Cu

Cable Type 1.0 19P 白色

Connector Type : NO

Dimension

C. Environmental

Operation Temperature - 30 °C ~ + 80 °C

Storage Temperature - 30 °C ~ + 85 °C

Test Equipment & Conditions

1. Network Analyzers :

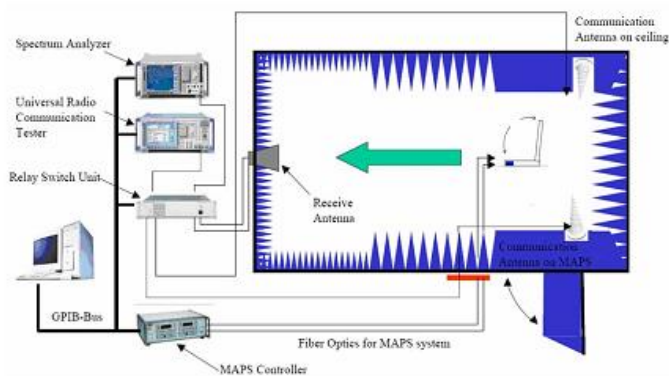
Agilent 8753D 5071B

2. Communications Test Set:

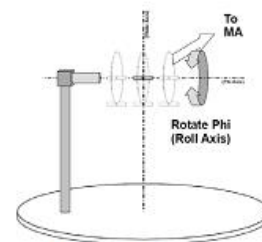
Agilent E5515C

3. 3D Chamber Test System

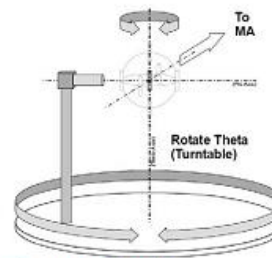
Efficiency &Gain



(Testing by 3D anechoic chamber)



Phi axis test

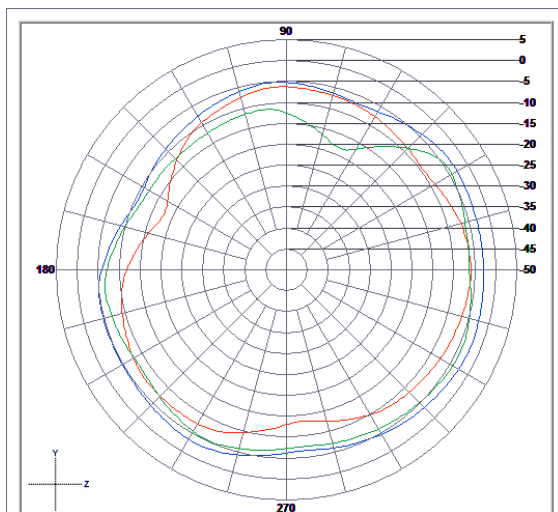


Theta axis test

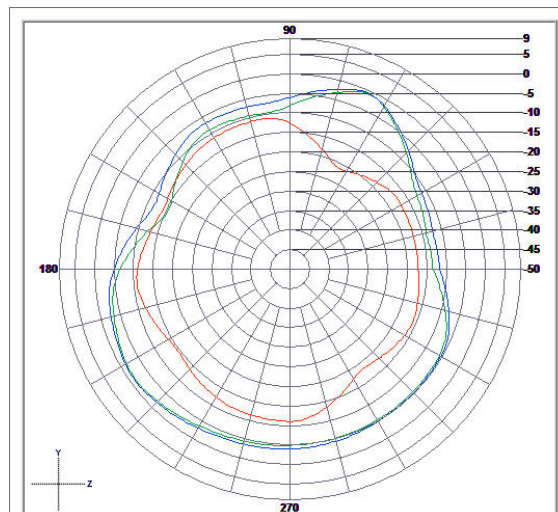
Efficiency &Gain

2.40	-0.00
2.440	-0.11
2.48	-0.13

Radiation Pattern:



dBi	Vertical	Horizontal	Total
Avg. Gain	-8.4	-6.99	-4.63
Peak Gain	-5.48	-3.77	-2.17



dBi	Vertical	Horizontal	Total
Avg. Gain	-13.34	-5.06	-4.46
Peak Gain	-10.3	0.17	0.12

