

# 深圳市利信辉电子有限公司

Shenzhen Lixinhui Electronics Co.

## 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 Full Length 35mm White

客户型号:

Product Name: \_\_\_\_\_

产品料号:

Part NO.: C10-35-2.5

制表:

Write By: \_\_\_\_\_

日期:

Issued Date: \_\_\_\_\_

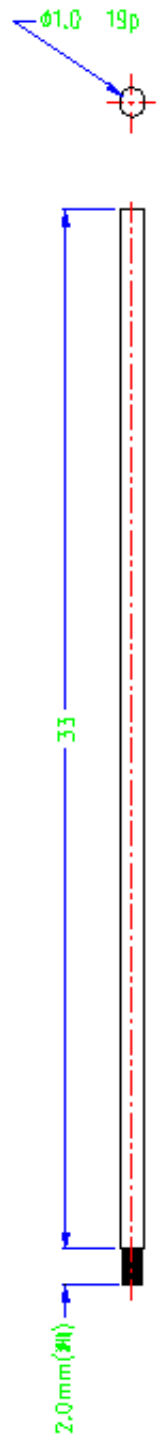
## 客 户:

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	设计		
设计			



线材 1mm白色漆线

# 利信辉电子有限公司

要求:  
1. 标注公差为重要尺寸, 未标注公差的按±0.15。

PART TITLE 鉤環備用	MATERIAL 第一層 1mm 白色漆线	UNIT IN 英寸 mm	SCALE 放大 5:1	VER. 喉棒 L01
PART NO. 鉤環備用 C10-33-2.0	DRAWING 柒菡	DATE 2015/12/09	CHECKING 机瞄	SUPPLIER CFM 鼎尚改 廖

# 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 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 :

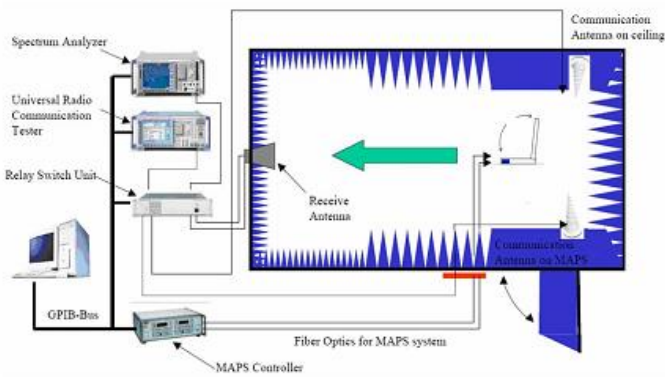
Agilent 8753D 5071B

### 2. Communications Test Set:

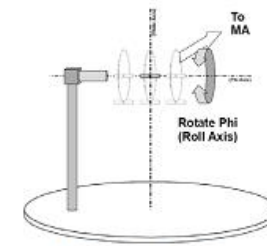
Agilent E5515C

### 3. 3D Chamber Test System

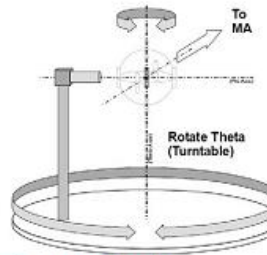
# Efficiency & Gain



(Testing by 3D anechoic chamber)



Phi axis test

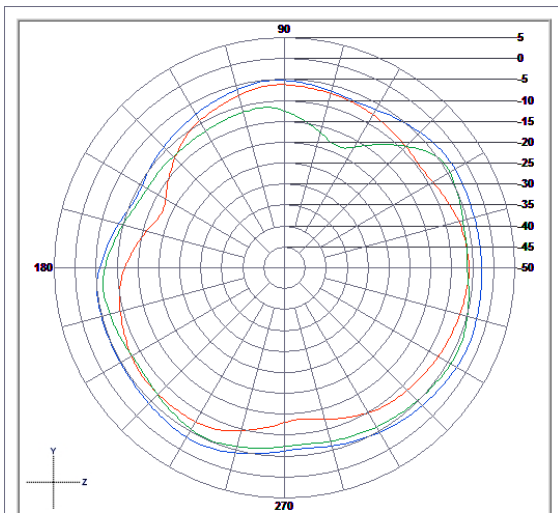


Theta axis test

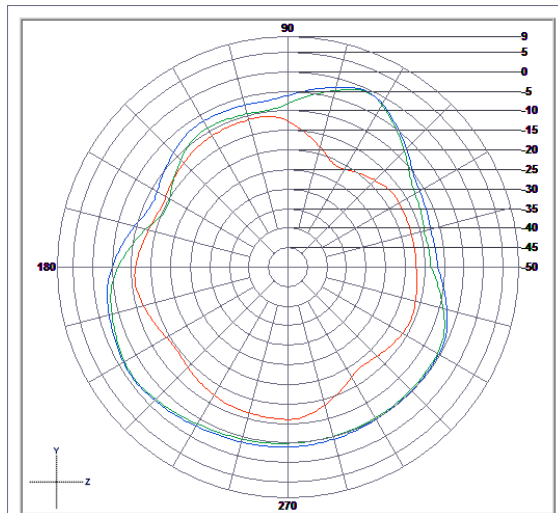
# Efficiency & Gain

- 2.40      -0.00
- 2.440    -0.11
- 2.48      -0.13

# Radiation Pattern:



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



	Vertical	Horizontal	Total
Avg. Gain	-13.34	-5.06	-4.46
Peak Gain	-10.3	0.09	0.12

