

# 深圳市利信辉电子有限公司

## 天线规格承认书

### Antenna Specification for Approval

客户名称

Customer Name: \_\_\_\_\_

产品名称: \_

Product Name: \_\_\_\_\_ 2.4GANT 全长35mm白色

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:

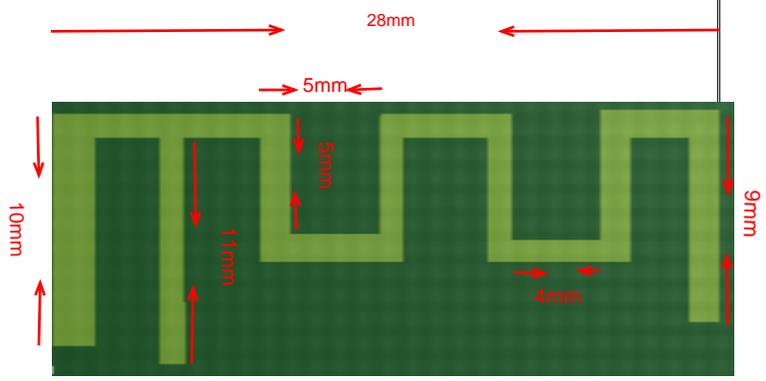
工程R&D Dept	采购Business Dept	承认 Approved By

### 利 信 辉

研发R&D Dept	工程 Engineer Dept	审核 Approval

Manufacture's Name :Zhongshan Hanfan Electronic Technology Co., Ltd.

材料	覆銅板
規格	銅
備註	



# 利信輝電子技术有限公司

要求:  
1、标注公差为重要尺寸, 未标注公差的按 $\pm 0.15$ 。

PART TITLE 锚玻璃摩擦片	2.4G天线	MATERIAL 第 1 层 白色纤维线	UNIT IN 英寸	SCALE 放大 5:1	VER. 版本 01
PART NO. 锚玻璃摩擦片 C10-33-2.0	DATE 2015/12/09	DRAWING 零件图	DATE 2015/12/09	CHECKING 机瞄	SUPPLIER CFM 鼎尚改 摩片

# Product Specification

## A. Electrical Characteristics

**Frequency 2400MHz ~2500MHz**

**VSWR <3.0**

**Efficiency >30%**

**Impedance 50 Ohm**

**Polarization Line**

**Gain 0.66dBi**

## 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 :

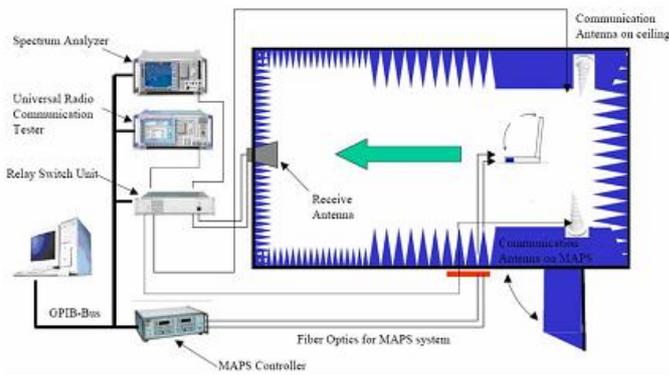
Agilent 8753D 5071B

### 2. Communications Test Set:

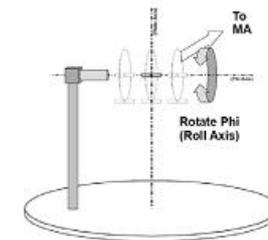
Agilent E5515C

### 3. 3D Chamber Test System

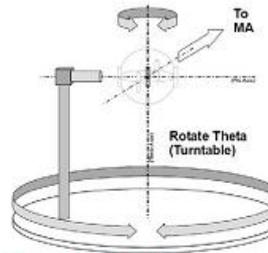
# Efficiency & Gain



(Testing by 3D anechoic chamber)



Phi axis test

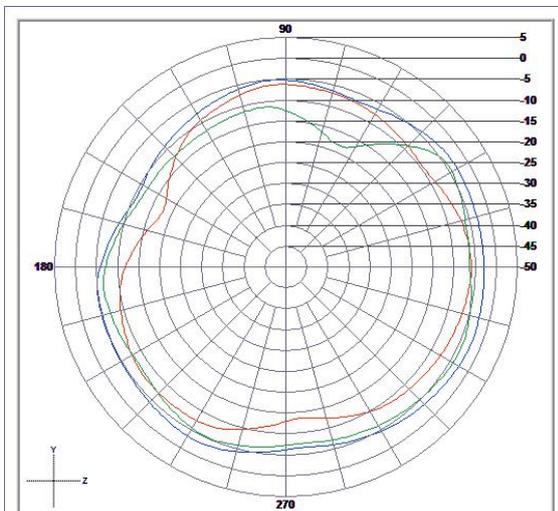


Theta axis test

# Efficiency & Gain

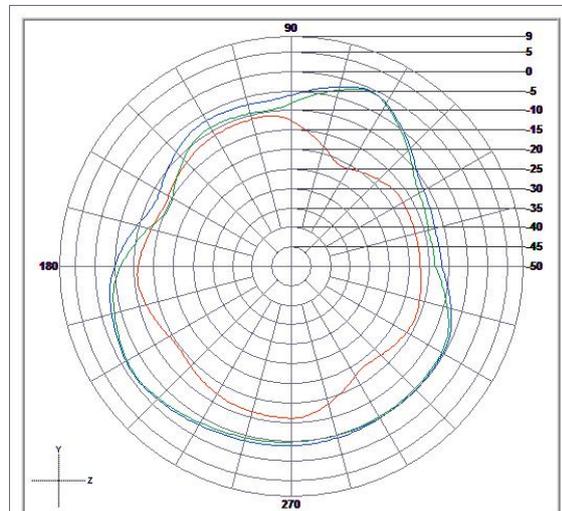
- 2.40      -0.00
- 2.440    -0.11
- 2.48      -0.13

# Radiation Pattern:



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

Unit: dBi



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

Unit: dBi

Unit: dBi

