

深圳市利信威科技有限公司

Shenzhen Lixinwei Technology Co., LTD

Address: 3rd Floor, No. 447, Xintian Avenue, Xintian Community, Fuyong Subdistrict, Bao 'an District,
Shenzhen City

天线规格承认书

Antenna Specification for Approval

客户名称

Customer Name : FU WEI KE CHUANG

产品名称 :

Product Name : The 2.4G antenna is 70mm in length and white

客户型号 :

Product Name:

产品料号 :

Part NO.: C081H-70-2.5

制表 :

Write By : ZHOU MIN

日期 :

Issued Date:	2014-8-20	
	客 户:	

工程R&D Dept

采购Business Dept承认 Approved By

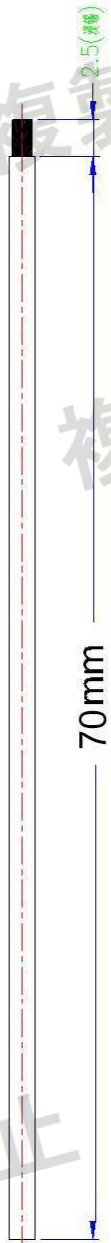
	利 信 辉	

研发R&D Dept

工程 Engineer Dept

审核 Approval

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线材 0.81黑色同轴，阻抗50R 频率2.4G

利信辉电子技术有限公司

PART TITLE	2.4G天线	MATERIAL	0.81同轴	UNIT IN	mm	SCALE	5:1	SUPPLIER CEM	唛棒
PART NO.	0031-33-2.5	DRAWING	张永红	DATE	2014/12/09	CHECKING	机瞄	鼎荷改	01

要求:
1、标注公差为重要尺寸, 未标注公差的按 ± 0.15 。

Product Specification

A. Electrical Characteristics

Frequency 2400MHz

~2500MHz

VSWR <3.0 **Efficiency**

>50% **Impedance** 50 Ohm

Polarization Line **Gain** -

0 dBi

B. Material & Mechanical Characteristics

Material of Radiator Cu Cable Type

0.81 white

Antenna type : wireway

C. Environmental

Operation Temperature - 30 °C ~ + 80 °C

Storage Temperature - 30 °C ~ + 85 °C

Test Equipment & Conditions

1. Network Analyzers :

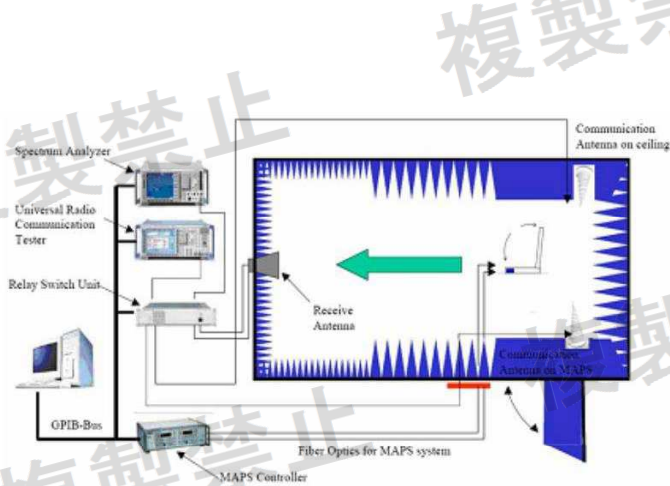
Agilent 8753D 5071B

2. Communications Test Set:

Agilent E5515C

3. 3D Chamber Test System

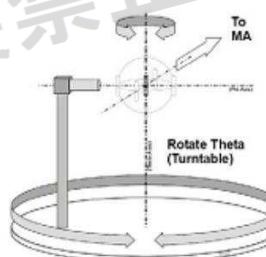
Efficiency & Gain



(Testing by 3D anechoic chamber)



Phi axis test

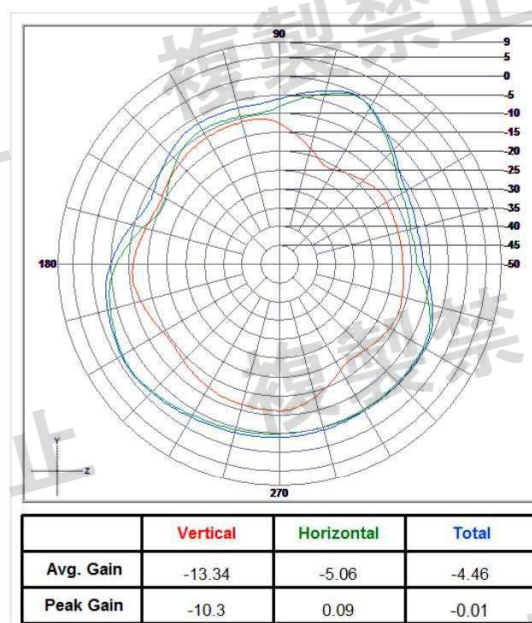
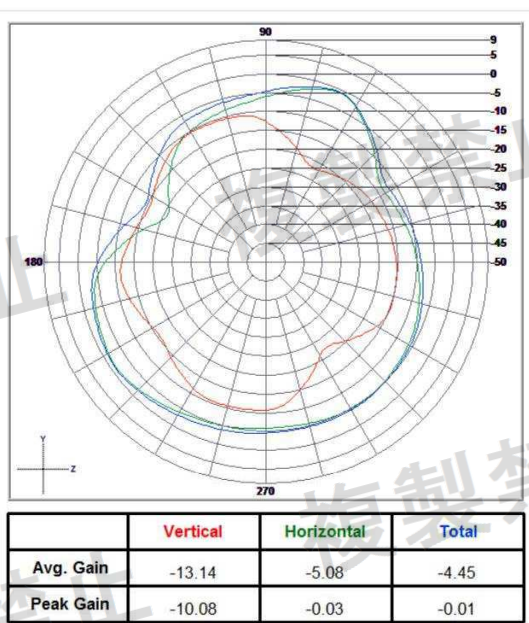


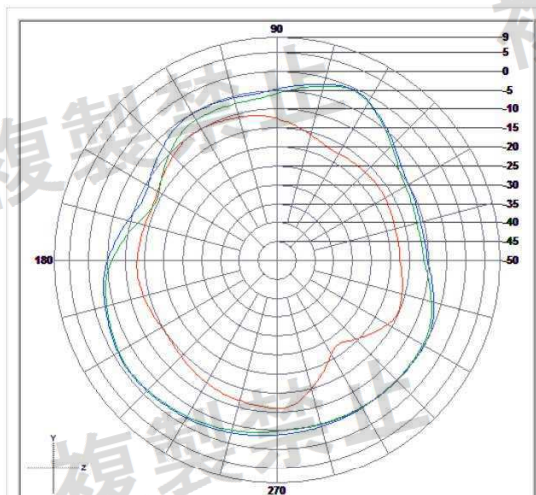
Theta axis test

Efficiency & Gain

2.40	-0.01
2.440	-0.01
2.48	0.00

Radiation Patter





	Vertical	Horizontal	Total
Avg. Gain	-13.42	-4.6	-4.06
Peak Gain	-9.47	0.1	0.00

