

深圳市利信辉电子有限公司

Shenzhen Lixinhui Electronics Co., Ltd.

Room 211, Zongtai Green Kai Zhihui Park, District 71, Xingdong Community, Xin'an Street,
Baoan District, Shenzhen City

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天线 全长35mm白色

客户型号:

Product Name: _____

产品料号:

Part NO.: _____ C10-35-2.5

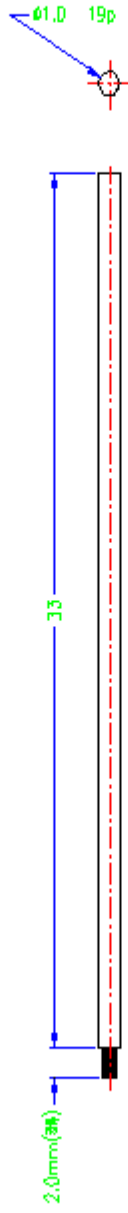
制 表:

Write By: _____ 周 敏

日 期:

Issued Date: _____ 2019-3-20

材料	规格	数量	备注



材料 1mm 白色钢板

利信微电子技术有限公司									
PART NUMBER		DRAWING		MATERIAL		UNIT		SCALE	
鉗商摩備		2.45mm		第 1 版		等拿		1:1	
鉗商摩備		10-13-20		第 1 版		2015/12/09		1:1	
鉗商摩備		10-13-20		第 1 版		2015/12/09		1:1	
鉗商摩備		10-13-20		第 1 版		2015/12/09		1:1	
鉗商摩備		10-13-20		第 1 版		2015/12/09		1:1	
鉗商摩備		10-13-20		第 1 版		2015/12/09		1:1	
鉗商摩備		10-13-20		第 1 版		2015/12/09		1:1	
鉗商摩備		10-13-20		第 1 版		2015/12/09		1:1	

要求：
1. 所有尺寸均为最大值，公差按 GB/T 1805-2008 执行。

Product Specification

A. Electrical Characteristics

Frequency 2400MHz ~2500MHz

VSWR <3.0

Efficiency >30%

Impedance 50 Ohm

Polarization Line

Gain 0DBi

B. Material & Mechanical Characteristics

Material of Radiator Cu

Cable Type 1.0 19P White

Connector Type : NO

Dimension

C. Environmental

Operation Temperature - 30 °C ~ + 80 °C

Storage Temperature - 30 °C ~ + 85 °C

Test Equipment & Conditions

1. Network Analyzers :

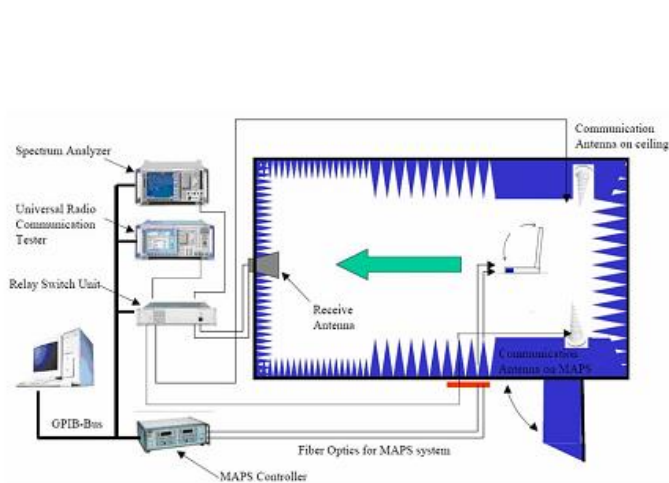
Agilent 8753D 5071B

2. Communications Test Set:

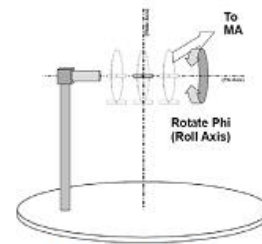
Agilent E5515C

3. 3D Chamber Test System

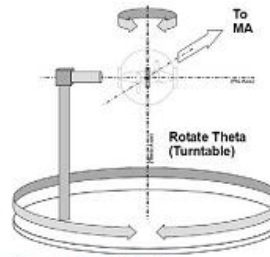
Efficiency & Gain



(Testing by 3D anechoic chamber)



Phi axis test

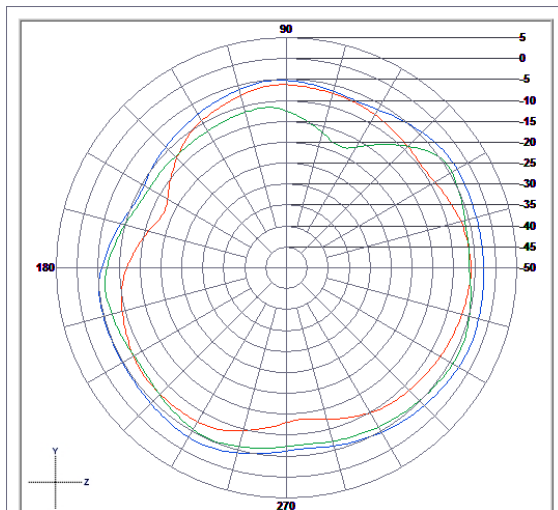


Theta axis test

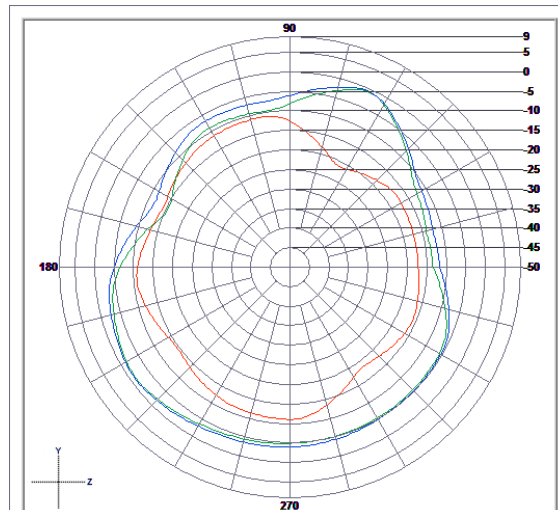
Efficiency & Gain

2.40	-3.77
2.440	0.09
2.48	0.10

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

