

Shenzhen Lixinhui Electronics Co., Ltd
Antenna Specification Confirmation Letter
Antenna Specification for Approval

Customer Name: Jinhai Electronics

Product Name: 2.4G antenna with a total length of 33mm, white

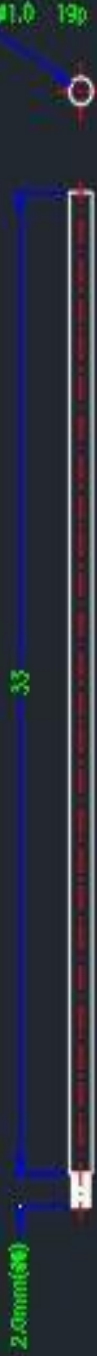
Product Name:

Part NO.: C10-33-2.0

Write By: Zhou min

Issued Date: 2019-08-05

姓名	日期



比例:1mm白色微线

利信辉电子技术有限公司

1. 本图是零件图尺寸, 未标注公差按GB/T 1804-2000执行。

PART TITLE 零件名称: 2.45GHz	MATERIAL 材料: 1mm白色微线	UNIT 单位: mm	SCALE 比例: 5:1	VER. 版本: 01
PART NO. 零件编号: C10-33-20	DESIGN 制图: 文 4	DATE 日期: 2019/08/05	CHK'D 审核:	SUPPLIER 供应商签名:

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 :

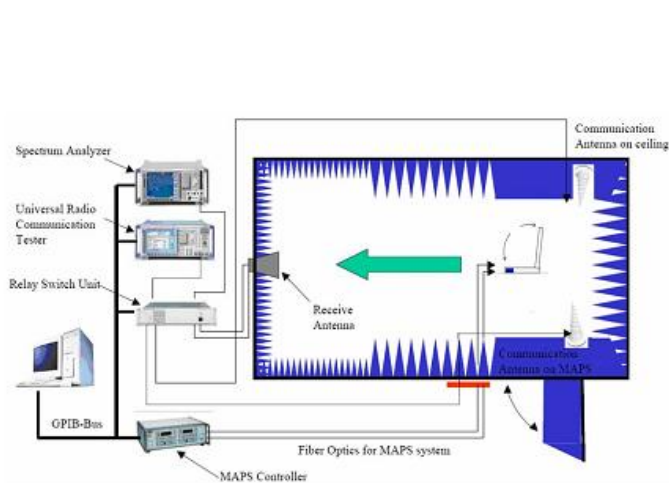
Agilent 8753D 5071B

2. Communications Test Set:

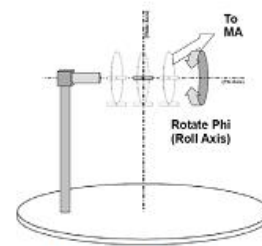
Agilent E5515C

3. 3D Chamber Test System

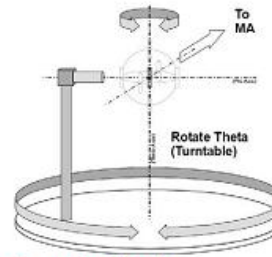
Efficiency & Gain



(Testing by 3D anechoic chamber)



Phi axis test



Theta axis test

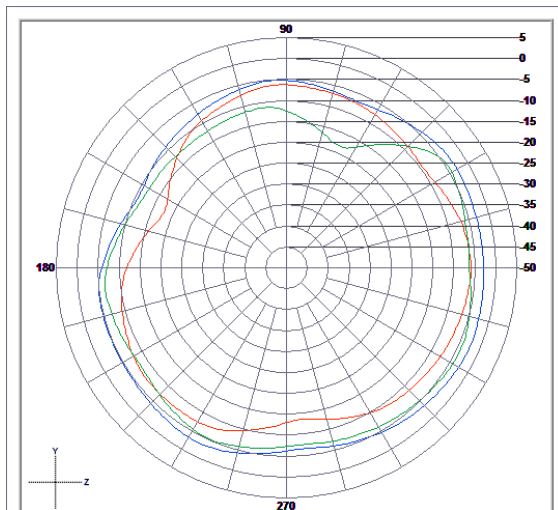
Efficiency & Gain

2.40 -0.00

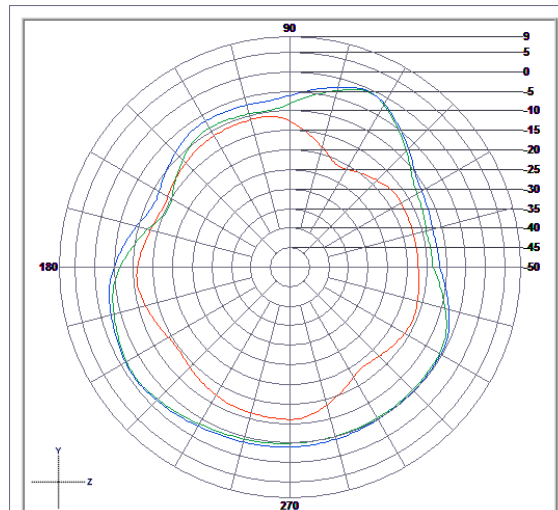
2.440 -0.11

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

