

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: 金海电子

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: 2019-08-05

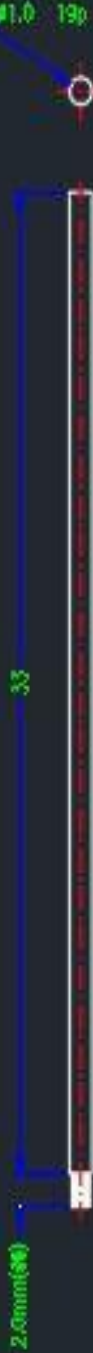
客 户:

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

姓名	职务	审核内容	签字	日期



比例:1mm白色微线

利信辉电子技术有限公司

备注:
1. 标注公差按GB/T 1804-2000标准执行,未标注公差按GB/T 1804-2000标准执行。

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	CHG/2019 审核:	SUPPLIER/01 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 白色

Connector Type : NO

Dimension

C. Environmental

Operation Temperature - 30 ℃ ~ + 80 ℃

Storage Temperature - 30 ℃ ~ + 85 ℃

Test Equipment & Conditions

1. Network Analyzers :

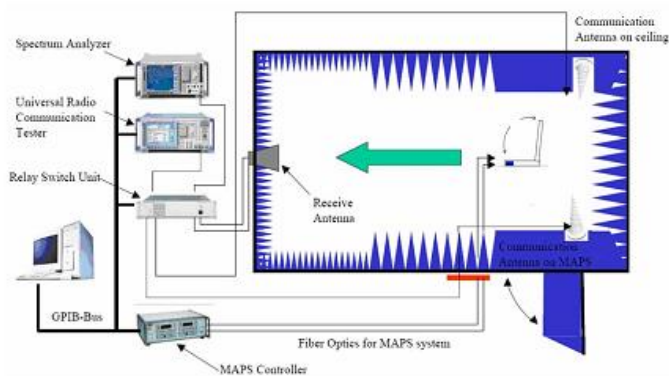
Agilent 8753D 5071B

2. Communications Test Set:

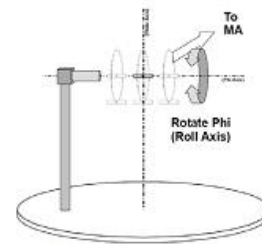
Agilent E5515C

3. 3D Chamber Test System

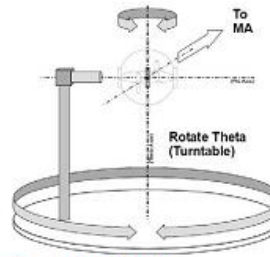
Efficiency & Gain



(Testing by 3D anechoic chamber)



Phi axis test

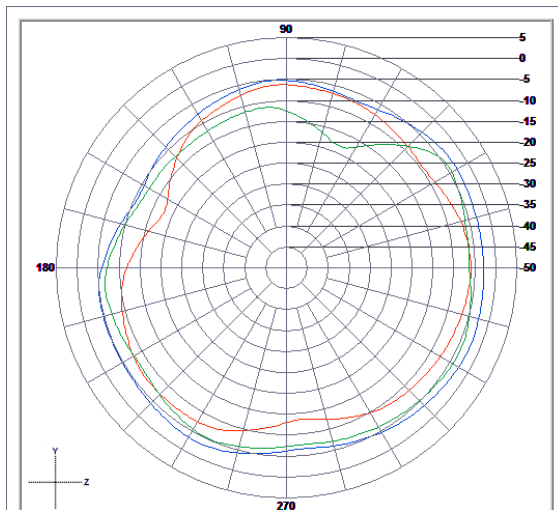


Theta axis test

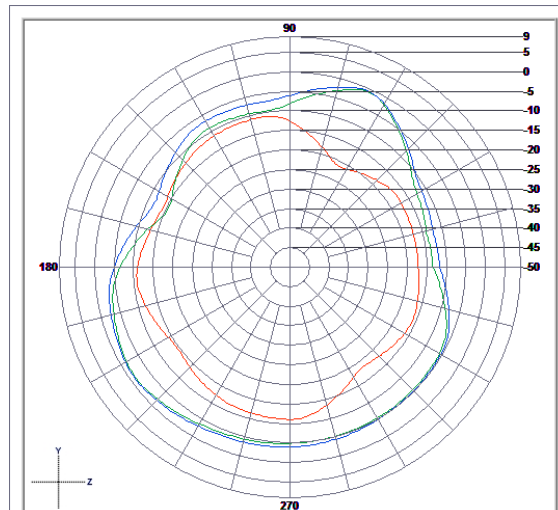
Efficiency & Gain

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

