

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: _____ 2.4G Antenna length 35mm White

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

客 户 Customer:

| | | |
|------------|-----------------|----------------|
| 工程R&D Dept | 采购Business Dept | 承认 Approved By |
| | | |

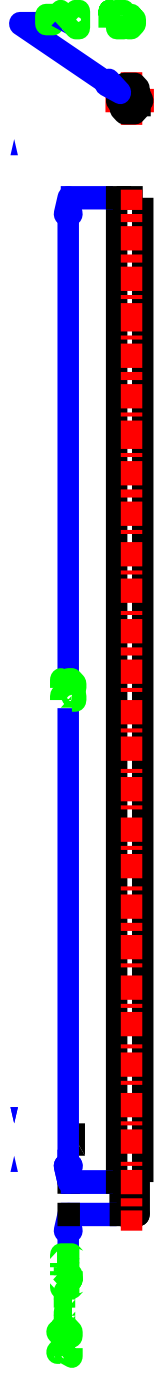
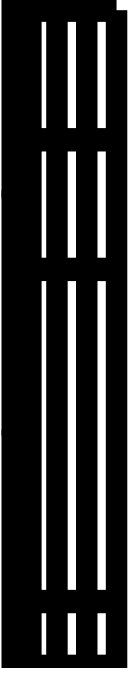
利 信 辉

| | | |
|------------|------------------|-------------|
| 研发R&D Dept | 工程 Engineer Dept | 审核 Approval |
| | | |

梓馨 揭杆

鞍脚嘴

脚



浙江德力西电气有限公司

PART TITLE
轴端压板

DRAWING NO.
轴端压板

TERIAL
图号

DRAWING NO.
图号

UNIT IN
英寸

DRAWING NO.
图号

SCALE
比例

DRAWING NO.
图号

VER.
版次

DRAWING NO.
图号

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 °C ~ + 80 °C

Storage Temperature - 30 °C ~ + 85 °C

Test Equipment & Conditions

1. Network Analyzers :

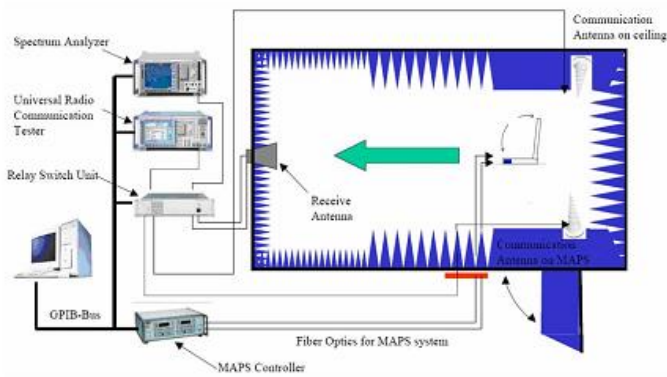
Agilent 8753D 5071B

2. Communications Test Set:

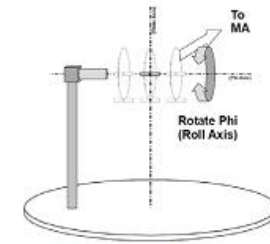
Agilent E5515C

3. 3D Chamber Test System

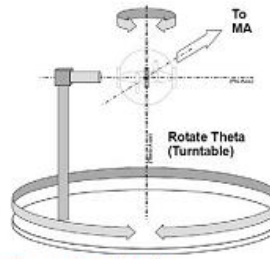
Efficiency & Gain



(Testing by 3D anechoic chamber)



Phi axis test

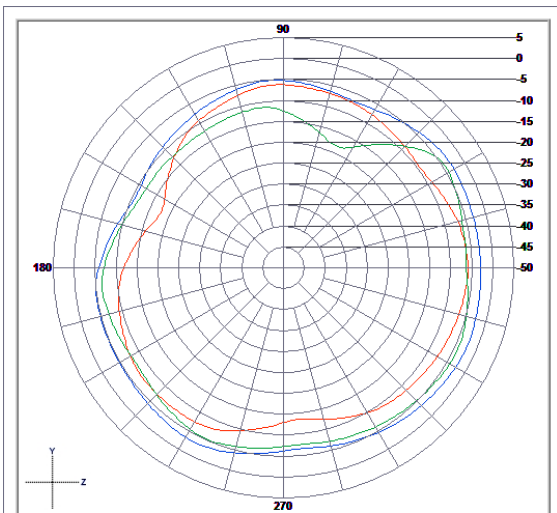


Theta axis test

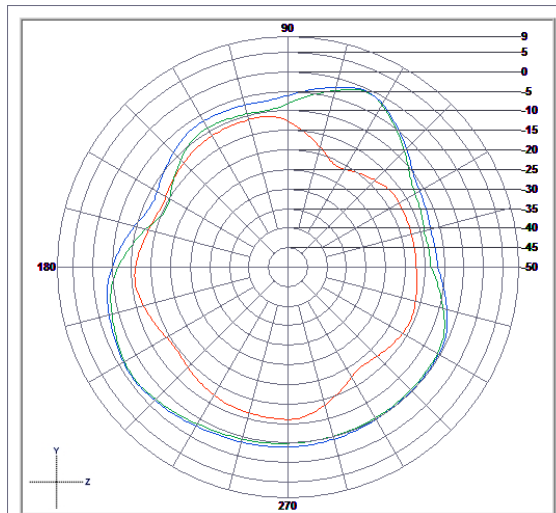
Efficiency & Gain

- 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 |

