

制造商：汕头市成发电子有限公司  
Manufacturer Name:Shantou Chengfa Electronics Co., Ltd  
地址:汕头市澄海区广益街道新效路西五横巷  
Address: West Wuheng Lane, Xinxiao Road, Guangyi Street,  
Chenghai District, Shantou City

## 天线规格承认书

客户名称     **Antenna Specification for Approval**

Customer Name:     恒嘉电子

产品名称:     \_

Product Name:     2. 4G 天线     全长35透明

天线型号:

Antenna model:     19 core 35mm transparent wire

产品料号:

Part NO. :     C1.0-27-3

制 表:

Write By:     张 敏

日 期:

Issued Date:     2020-4-30

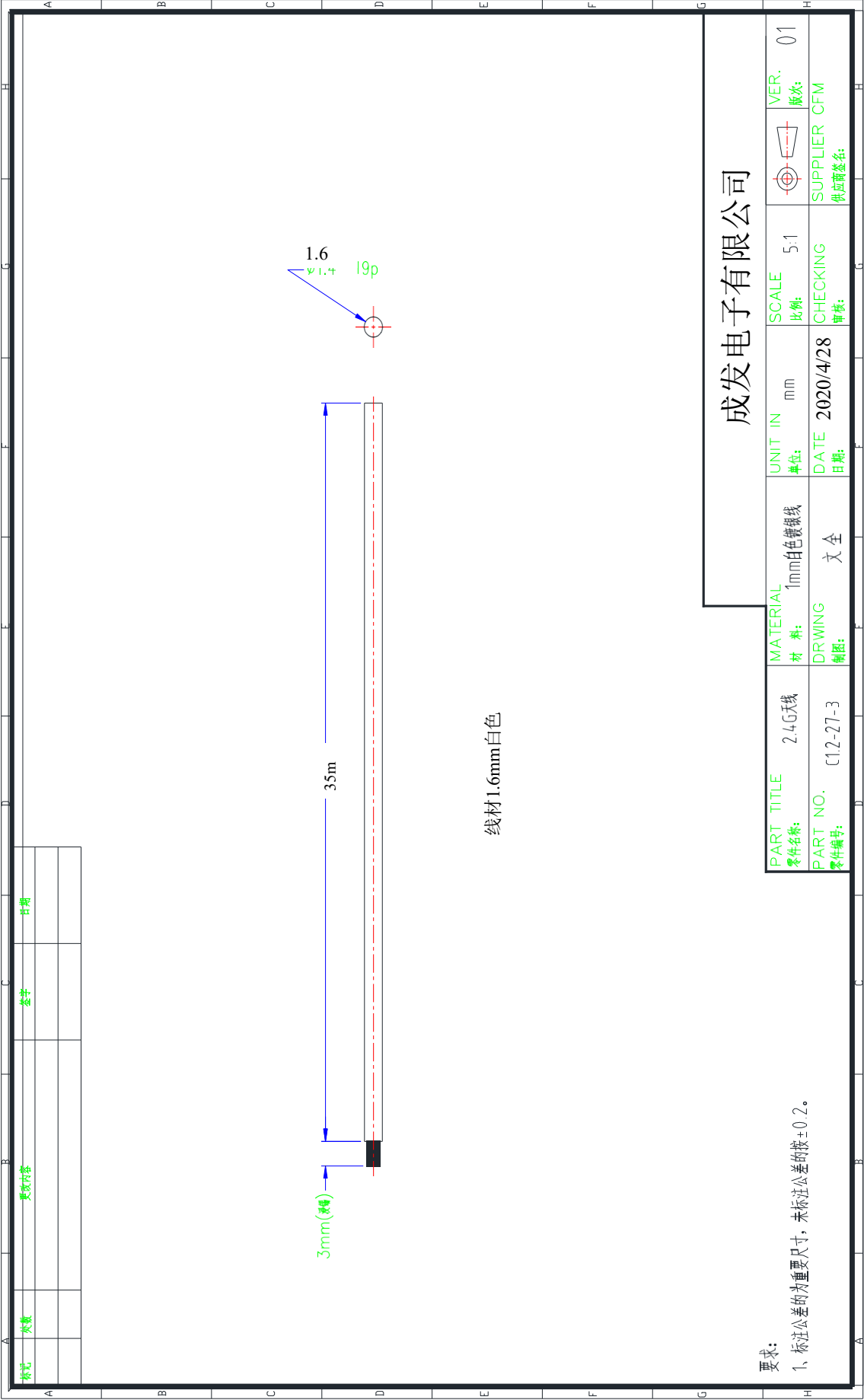
客 户:

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

制造商：成发电子

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

地址:汕头市澄海区广益街道新效路西五横巷



# Product Specification

## A. Electrical Characteristics Frequency

**2400MHz ~2500MHz VSWR <1.0**

**Efficiency >20%**

**Impedance 50 Ohm**

**Polarization Line**

**Gain 0.17dBi**

## B. Material & Mechanical Characteristics

**Material of Radiator Cu**

**Cable Type 1.13 白色**

**Connector Type : NO**

**Dimension**

## C. Environmental

**Operation Temperature - 30 °C ~ + 80 °C**

**Storage Temperature - 30 °C ~ + 85 °C**

# Test Equipment & Conditions

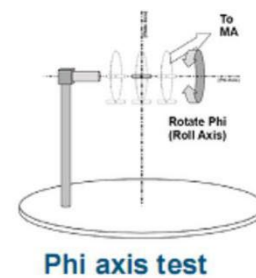
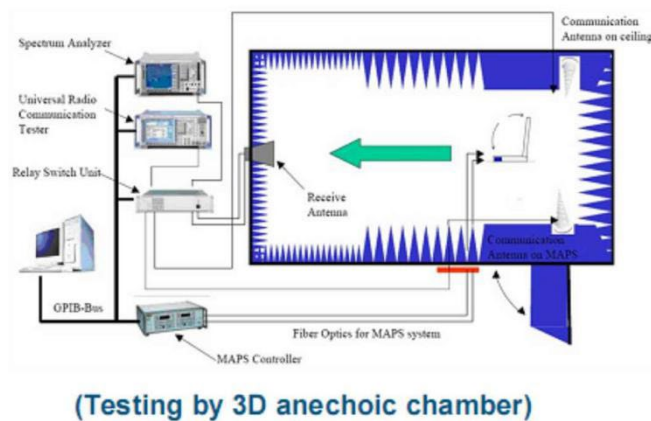
## 1. Network Analyzers :

Agilent 8753D 5071B

## 2. Communications Test Set:

Agilent E5515C

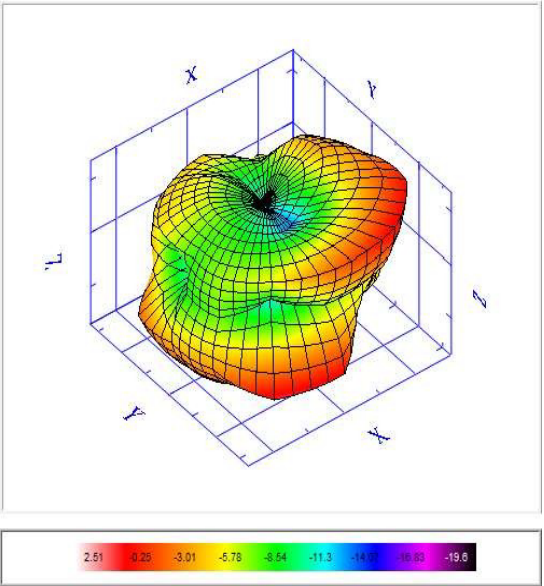
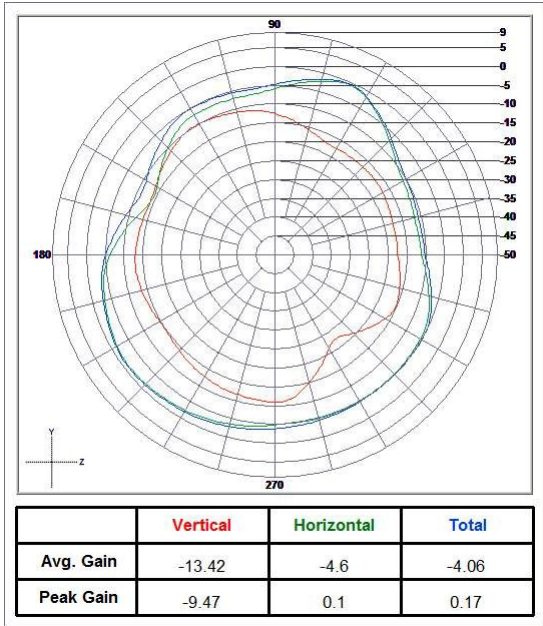
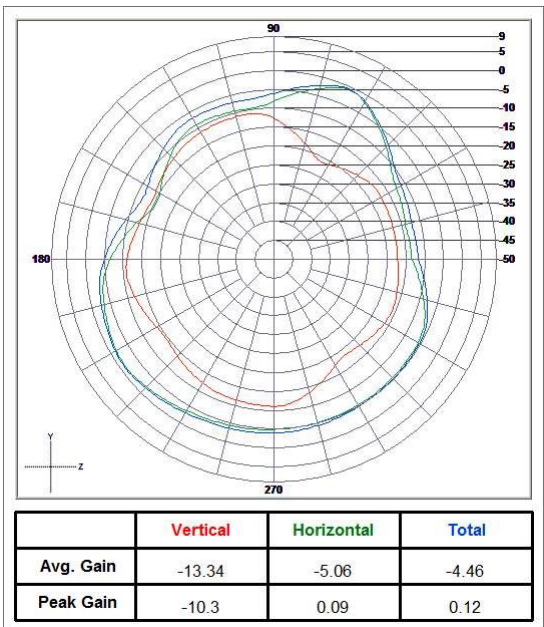
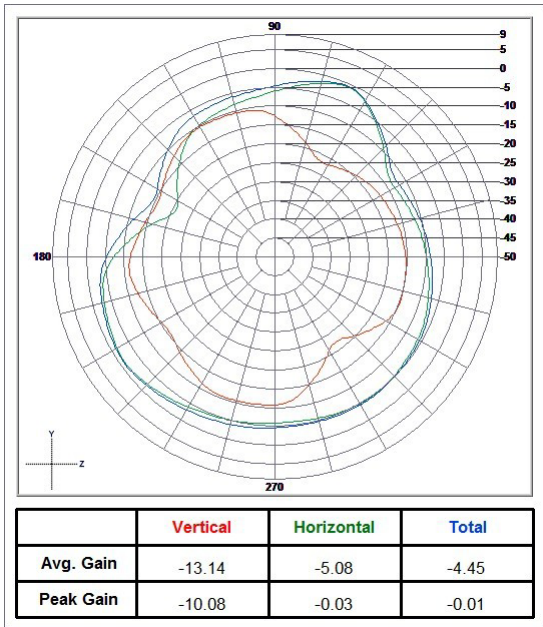
## 3. 3D Chamber Test System

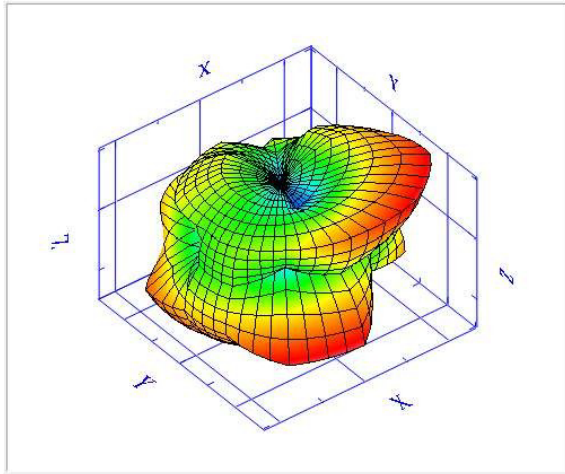


# Effiency &Gain

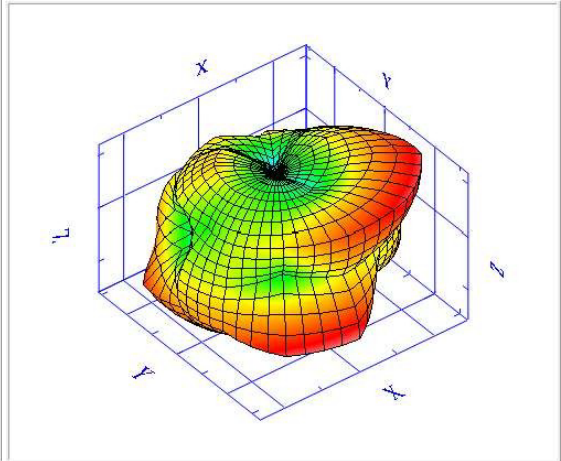
|       |       |
|-------|-------|
| 2.40  | -0.01 |
| 2.440 | 0.12  |
| 2.48  | 0.17  |

## Radiation Pattern:





2.12 -0.5 -2.73 -5.16 -7.56 -10.01 -12.44 -14.86 -17.29



1.98 -0.56 -3.14 -5.7 -8.26 -10.81 -13.37 -15.93 -18.49