

汕头市成发电子有限公司

Shantou Chengfa Electronics Co., Ltd.

Antenna Specification for Approval

客户名称

Customer Name: HengJia

产品名称: _

Product Name: 2.4G antenna

客户型号:

Product Name: _____

产品料号:

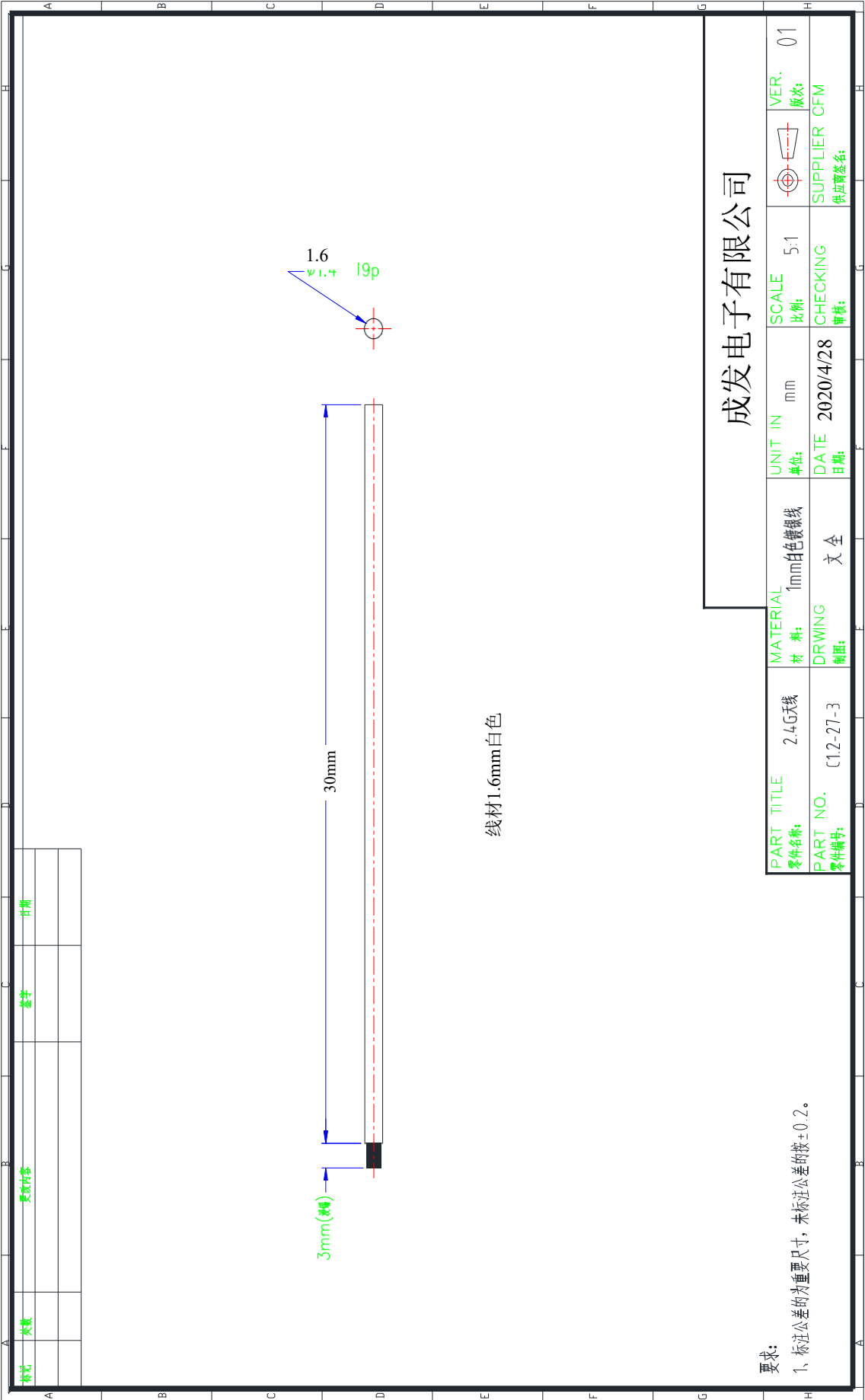
Part NO.: C1.0-27-3

制 表:

Write By: Ming Zhang

日 期:

Issued Date: 2020-4-30



Product Specification

A. Electrical Characteristics

Frequency 2400MHz ~2500MHz

VSWR <1.0

Efficiency >20%

Impedance 50 Ohm

Polarization Line

Gain 0.17 DBi

B. Material & Mechanical Characteristics

Material of Radiator Cu

Cable Type 1.13 white

Connector Type : NO

Dimension

C. Environmental

Operation Temperature - 30 °C ~ + 80 °C

Storage Temperature - 30 °C ~ + 85 °C

Test Equipment & Conditions

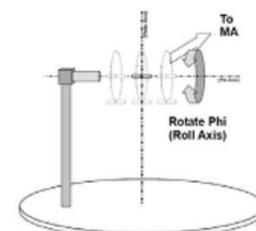
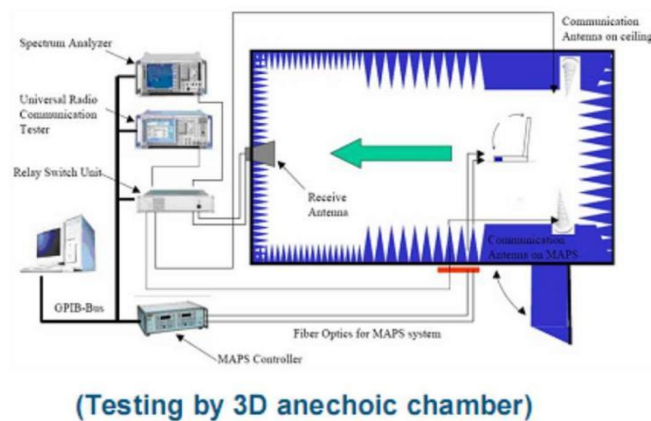
1. Network Analyzers :

Agilent 8753D 5071B

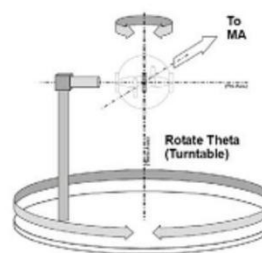
2. Communications Test Set:

Agilent E5515C

3. 3D Chamber Test System



Phi axis test

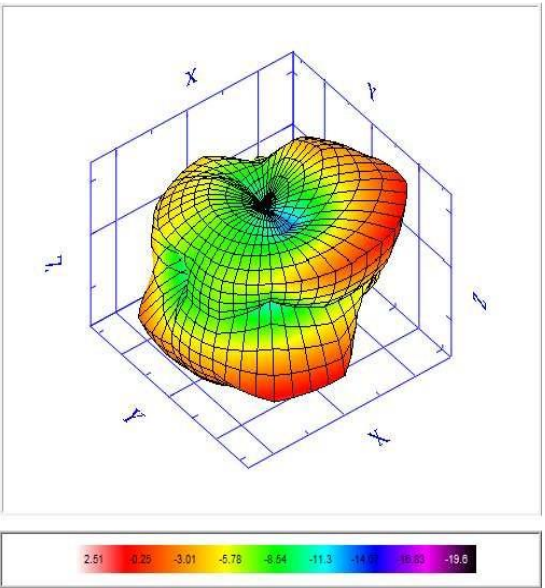
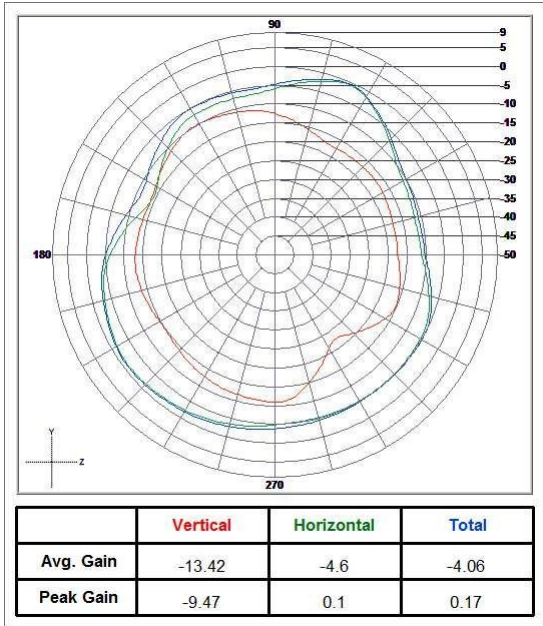
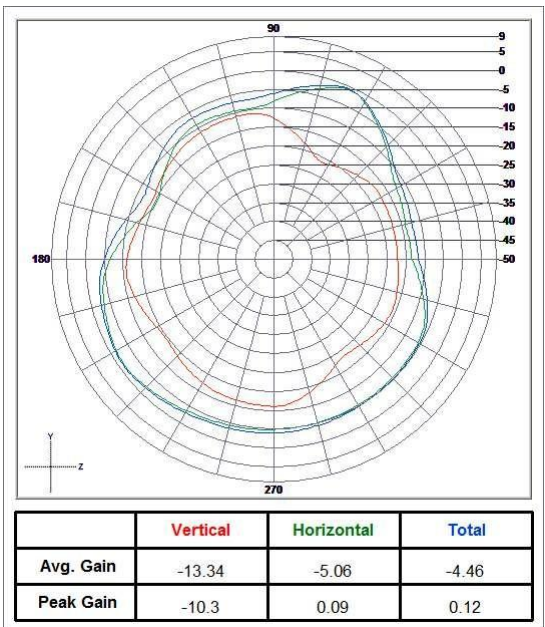
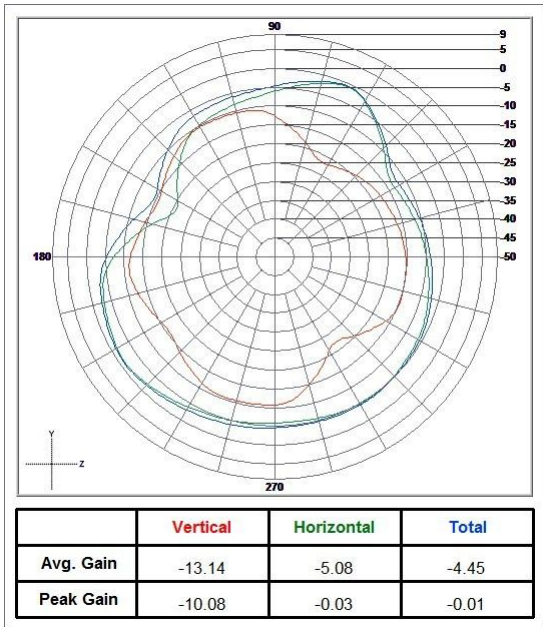


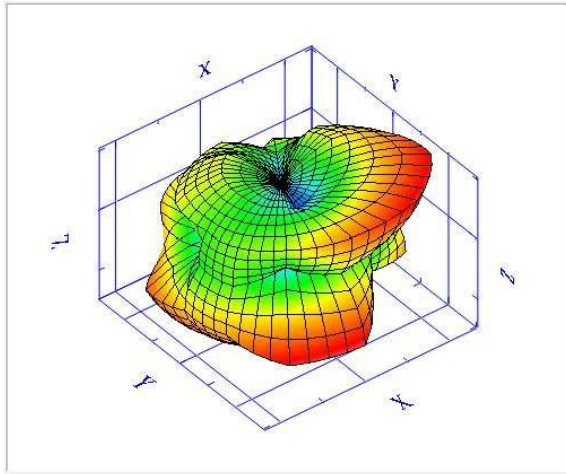
Theta axis test

Frequency &Gain

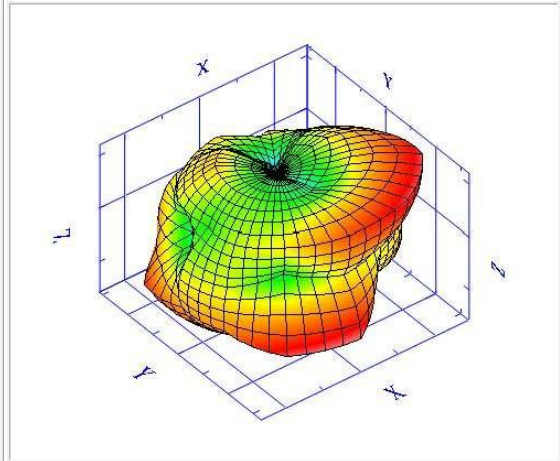
2.40	-0.01
2.440	0.12
2.48	0.17

Radiation Pattern:





2.12 -0.3 -2.73 -5.16 -7.58 -10.01 -12.44 -14.86 -17.29



1.98 -0.38 -3.14 -5.7 -8.26 -10.81 -13.37 -15.93 -18.49