

汕头市成发电子有限公司

天线规格承认书

Antenna Specification for Approval

客户名称

Customer Name: 科纳信息科技有限公司

产品名称: _

Product Name: 2.4G 天线 全长35透明

客户型号:

Product Name:

产品料号:

Part NO.: C1.1-27-3

制 表:

Write By: 张 敏

日 期:

Issued Date: 2022-12-30

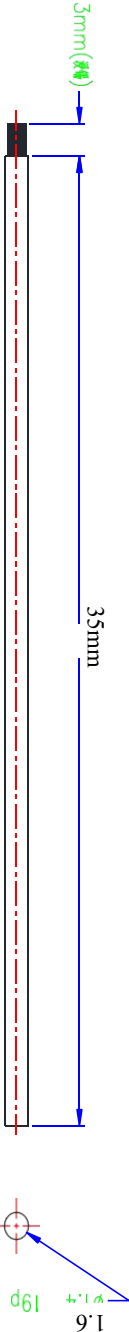
客 户:

工程R&D Dept	采购Business Dept	承认 Approved By

成发电子

研发R&D Dept	工程 Engineer Dept	审核 Approval

标题	数量	更改内容	签字	日期



线材1.6mm白色

成发电子有限公司

PART TITLE	2.4G天线	MATERIAL	材料: 1mm白色镀银线	UNIT IN	单位: mm	SCALE	比例: 5:1	SUPPLIER CFM	供应商签名:	VER.	版本: 01
PART NO.	C1.2-27-3	DRAWING	制图: 文全	DATE	2020/4/28	CHECKING	审核:				
零件编号:											

要求:
1. 标注公差为重要尺寸, 未标注公差按±0.2。

Product Specification

A. Electrical Characteristics

Frequency 2400MHz ~2500MHz

VSWR <1.0

Efficiency >20%

Impedance 50 Ohm

Polarization Line

Gain 0DBi

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

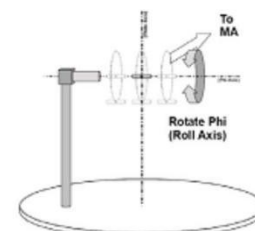
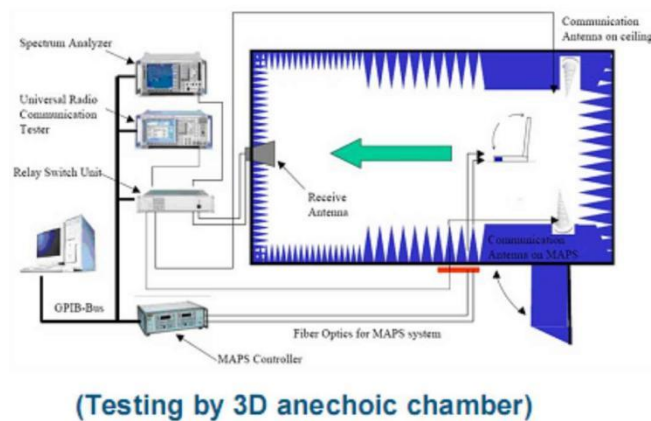
1. Network Analyzers :

Agilent 8753D 5071B

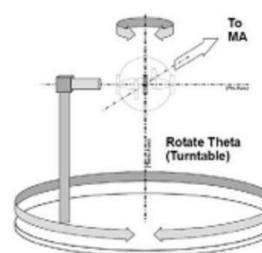
2. Communications Test Set:

Agilent E5515C

3. 3D Chamber Test System



Phi axis test

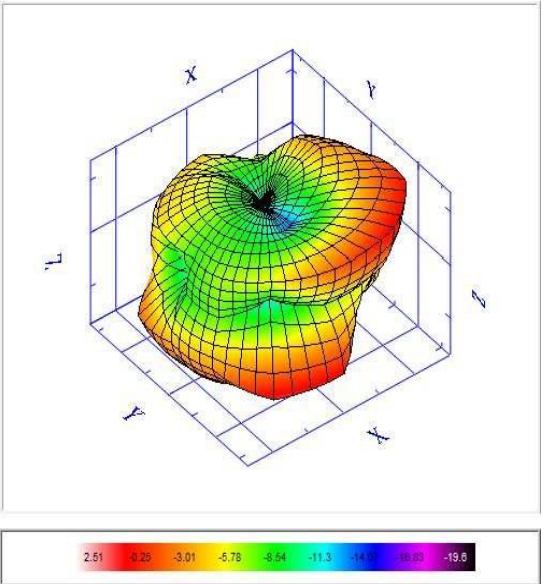
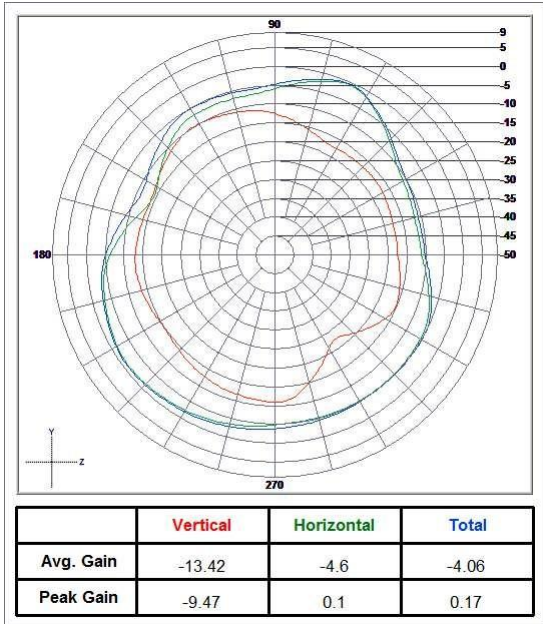
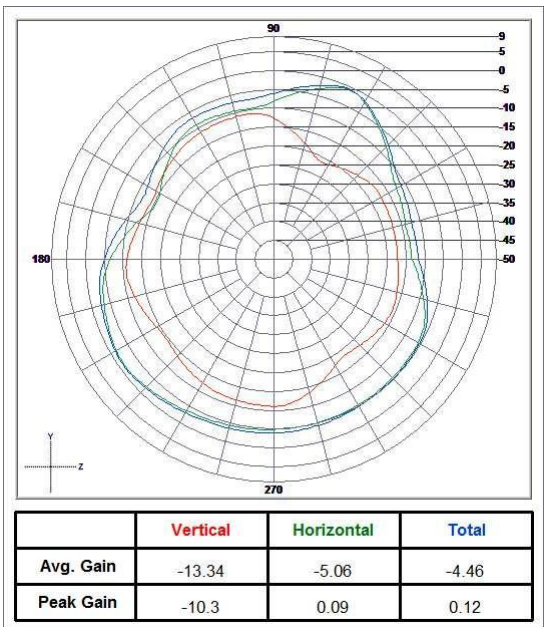
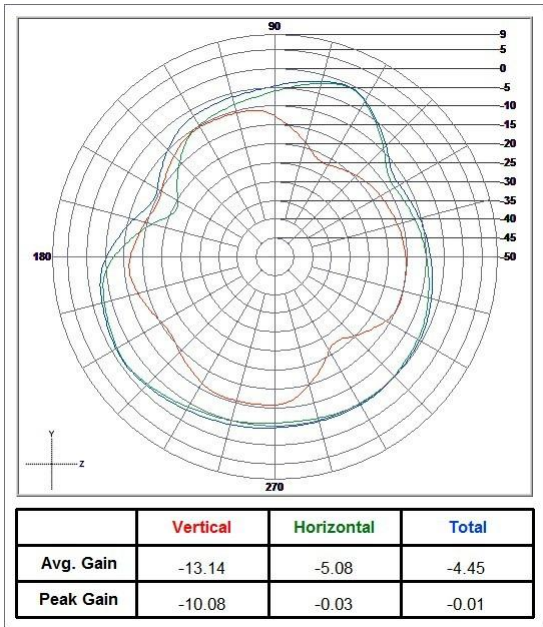


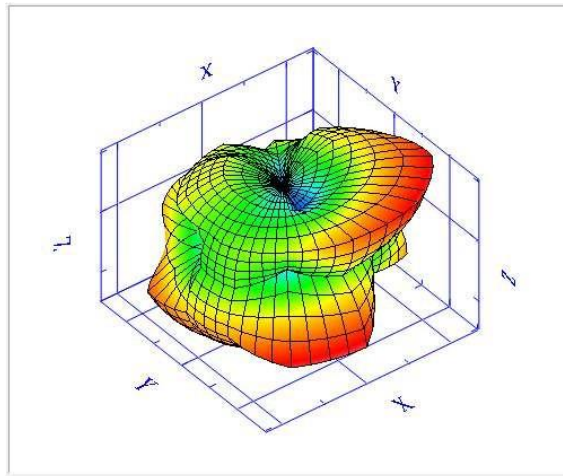
Theta axis test

Effiency &Gain

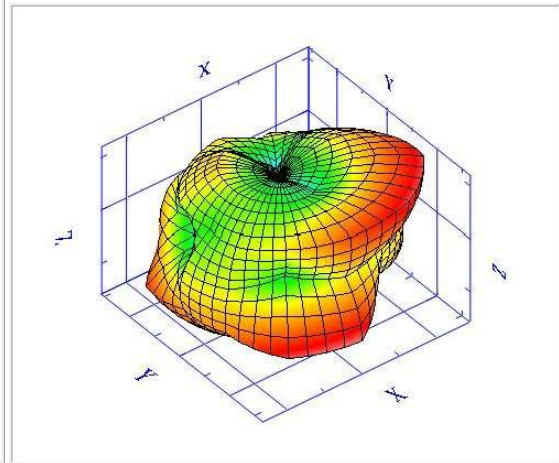
2.40	-0.01
2.440	0.12
2.48	0.17

Radiation Pattern:





2.12 -0.5 -2.73 -5.16 -7.58 -10.01 -12.44 -14.86 -17.29



1.98 -0.58 -3.14 -5.7 -8.26 -10.81 -13.37 -15.93 -18.49