

隆杰电源有限公司

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天线 全长35mm透明色

客户型号:

Product Name:

产品料号:

Part NO.: 17芯*0.12*1.4PVC

制表:

Write By: 周敏

日期:

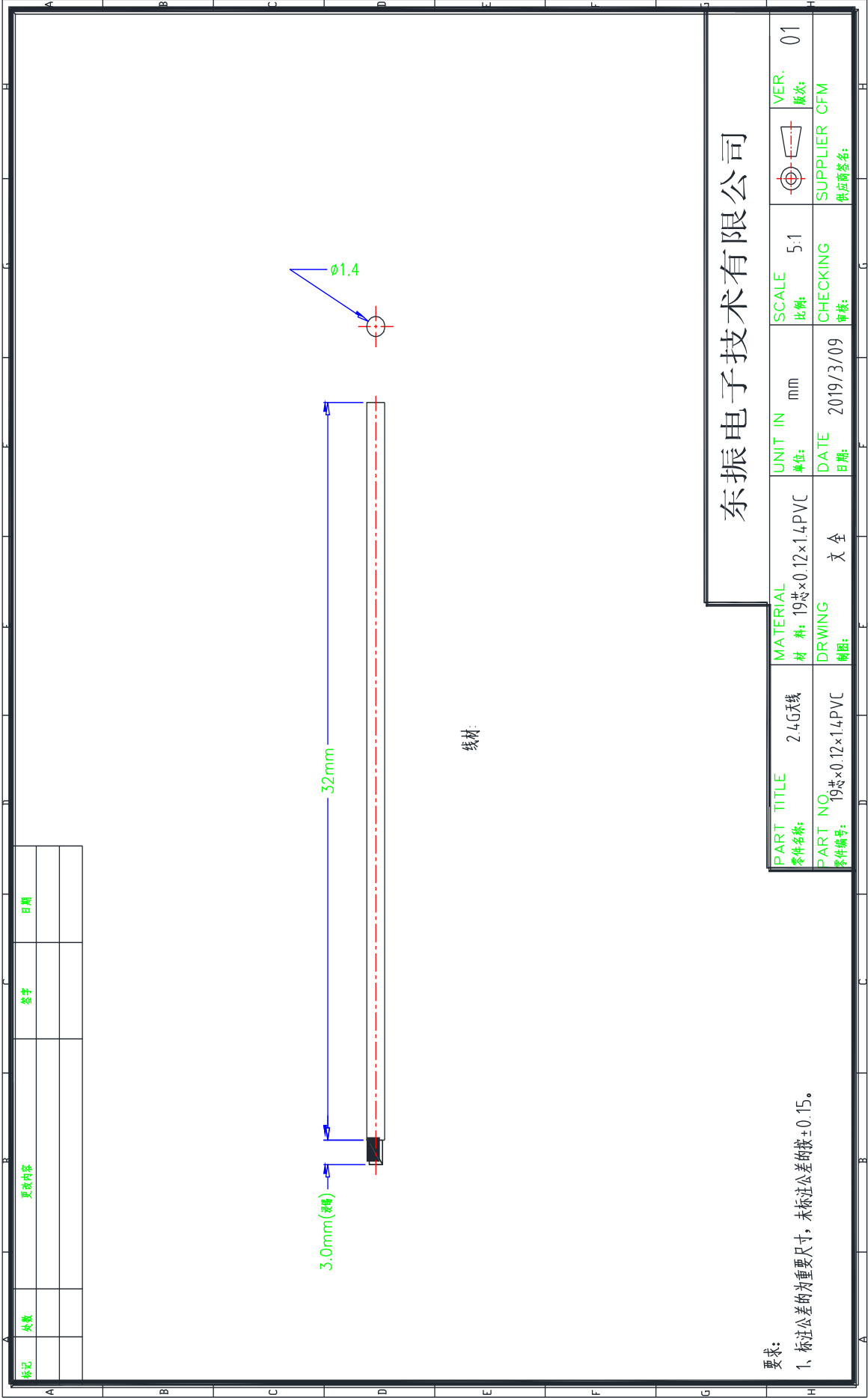
Issued Date: 2024-08-04

客户:

工程R&D Dept	采购Business Dept	承认 Approved By

隆杰电源

研发R&D Dept	工程 Engineer Dept	审核 Approval



要求:

1、标注公差的为重要尺寸，未标注公差的按±0.15。

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 1.4白色

Connector Type : NO

Dimension

C. Environmental

Operation Temperature - 30 °C ~ + 80 °C

Storage Temperature - 30 °C ~ + 85 °C

Test Equipment & Conditions

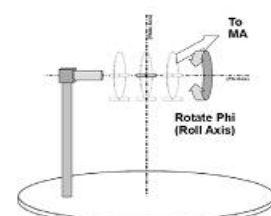
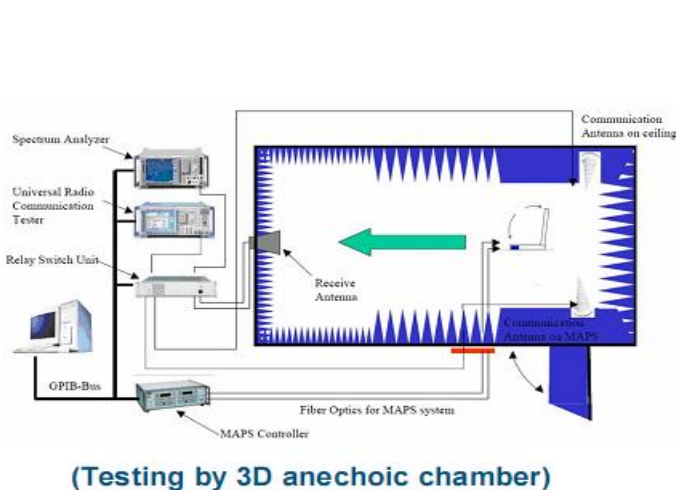
1. Network Analyzers :

Agilent 8753D 5071B

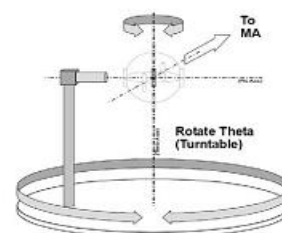
2. Communications Test Set:

Agilent E5515C

3. 3D Chamber Test System



Phi axis test

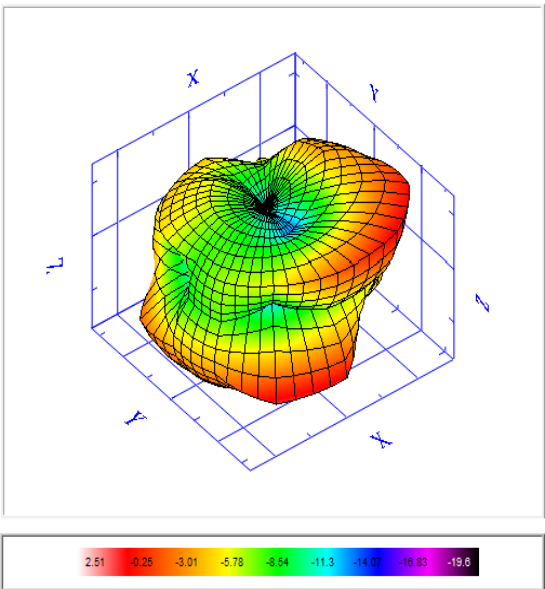
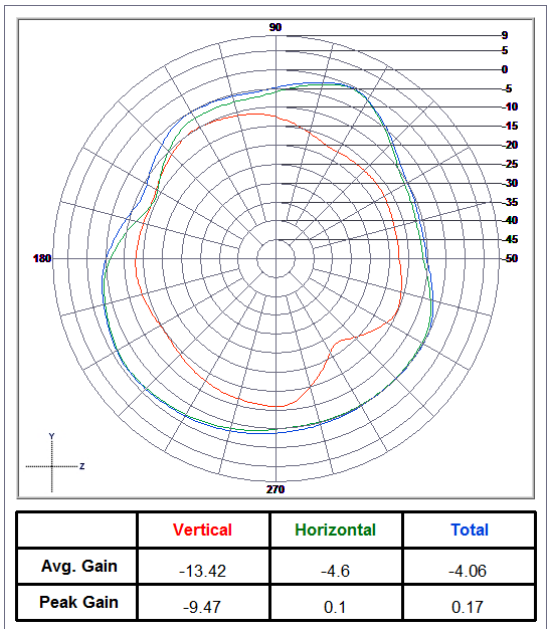
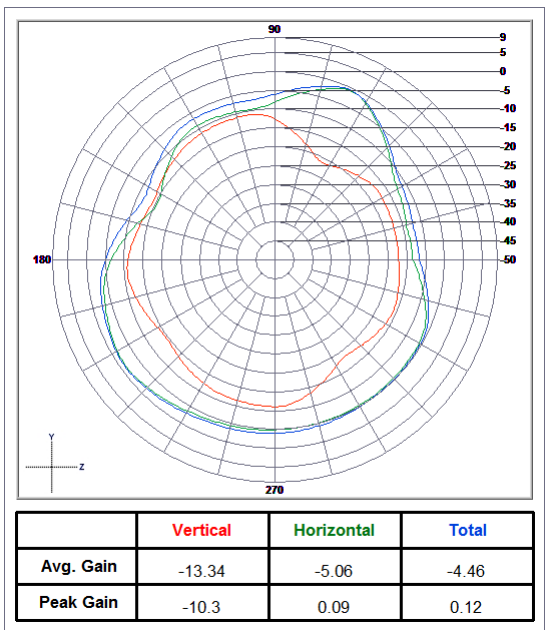
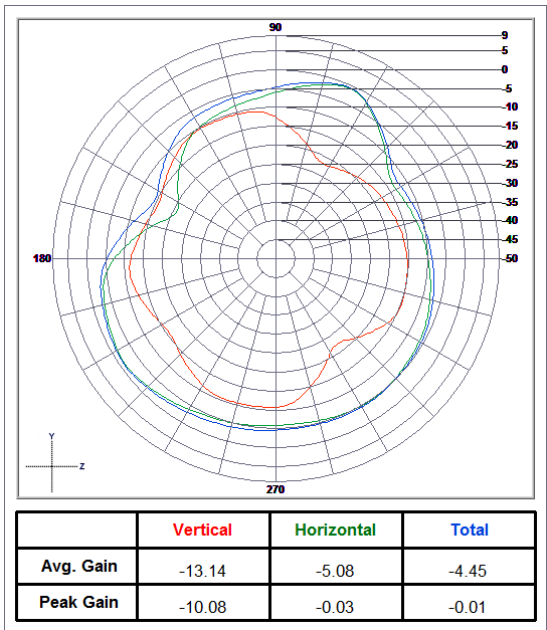


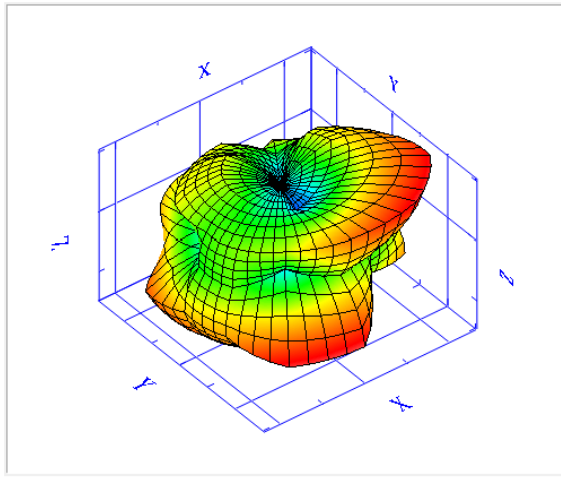
Theta axis test

Effiency&Gain

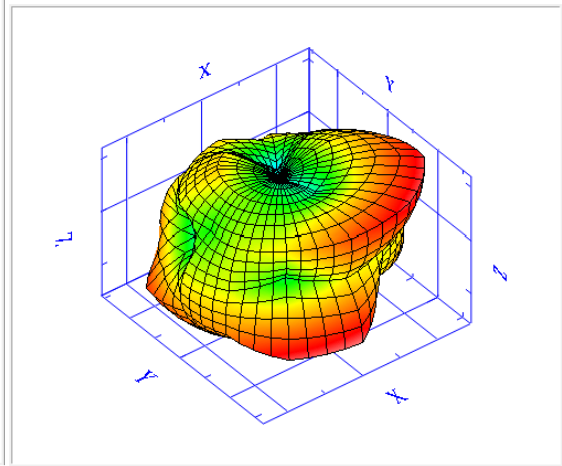
2.40	-0.01
2.440	0.12
2.48	0.17

Radiation Pattern:





2.12 -0.3 -2.73 -6.16 -7.56 -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