

Hewei Electronics Factory

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 Internal Antenna

客户型号:

Product Name: _____

产品料号:

Part NO.: _____ PVC17*0.1*1.25

制表:

Write By: _____

日期:

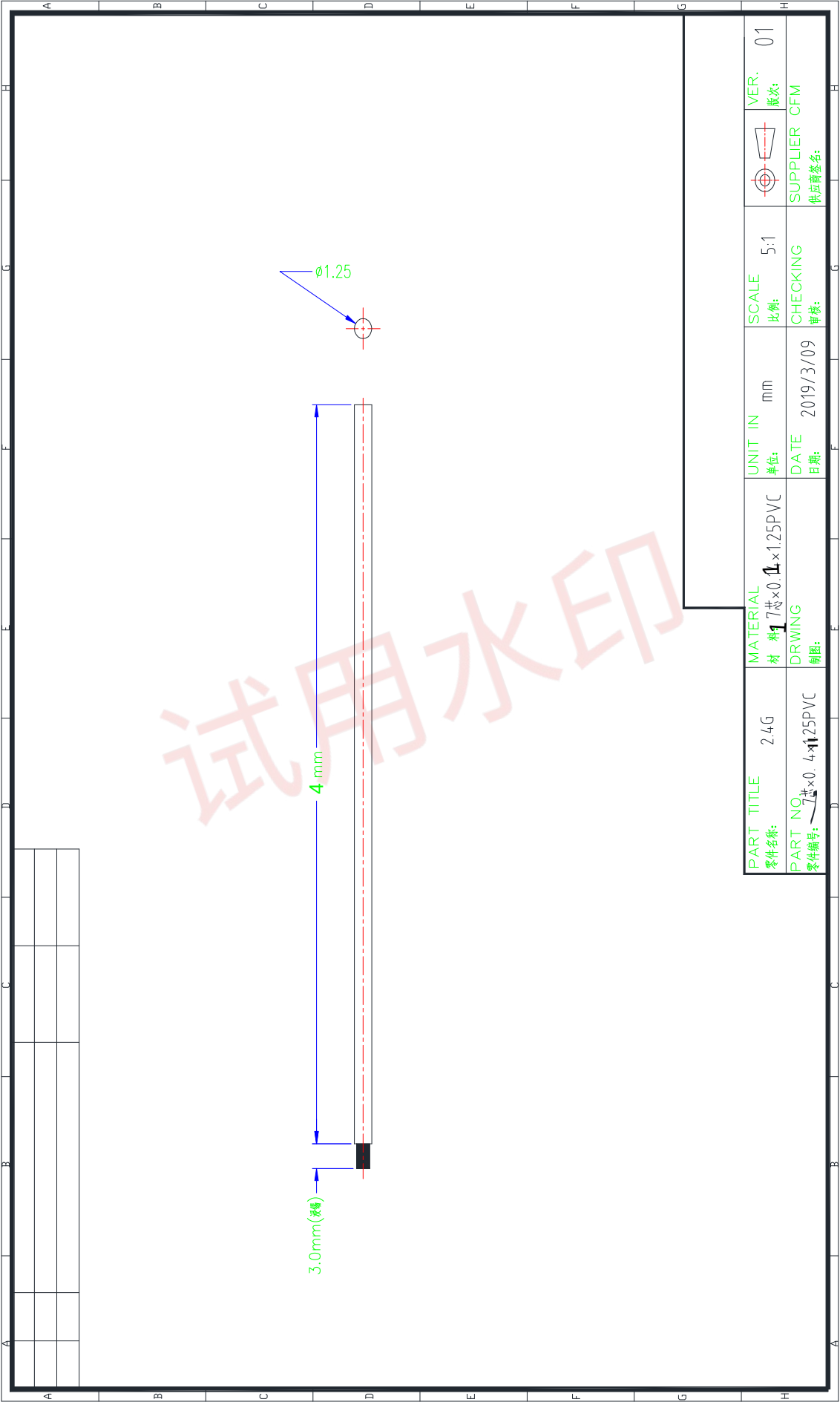
Issued Date: _____ 2025-04-12

Customer:

工程R&D Dept	采购Business Dept	承认 Approved By

Hewei Electronics:

研发R&D Dept	工程 Engineer Dept	审核 Approval



Product Specification

A. Electrical Characteristics

Frequency 2400MHz ~2500MHz VSWR

<1.0

Efficiency >22%

Impedance 50 Ohm

Polarization Line

Gain 0.17dBi

B. Material & Mechanical Characteristics

Material of Radiator Cu

Cable Type 1.25

Connector Type : NO

Dimension

C. Environmental

Operation Temperature - 30 °C ~ + 80 °C

Storage Temperature - 30 °C ~ + 85 °C

Test Equipment & Conditions

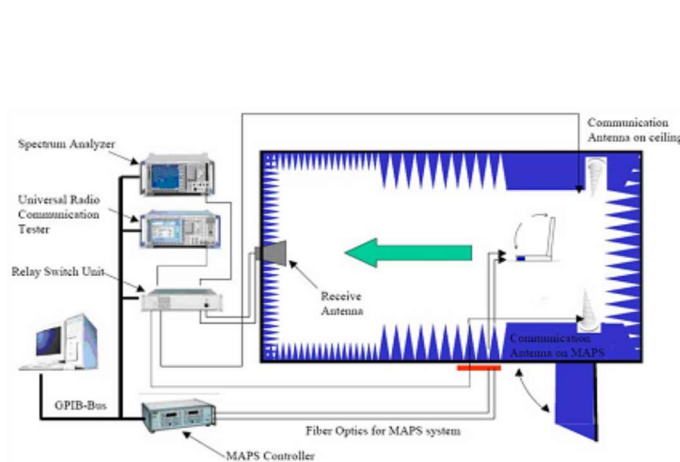
1. Network Analyzers :

Agilent 8753D 5071B

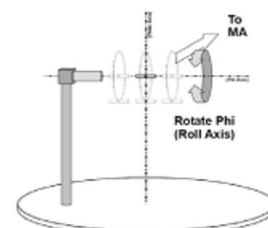
2. Communications Test Set:

Agilent E5515C

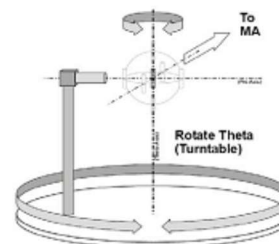
3. 3D Chamber Test System



(Testing by 3D anechoic chamber)



Phi axis test

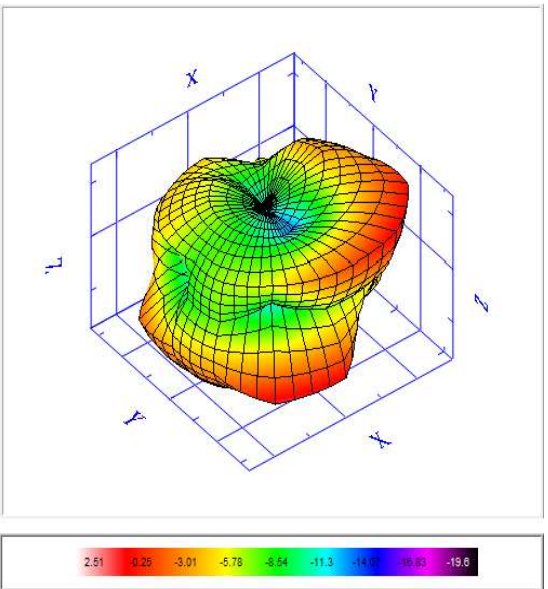
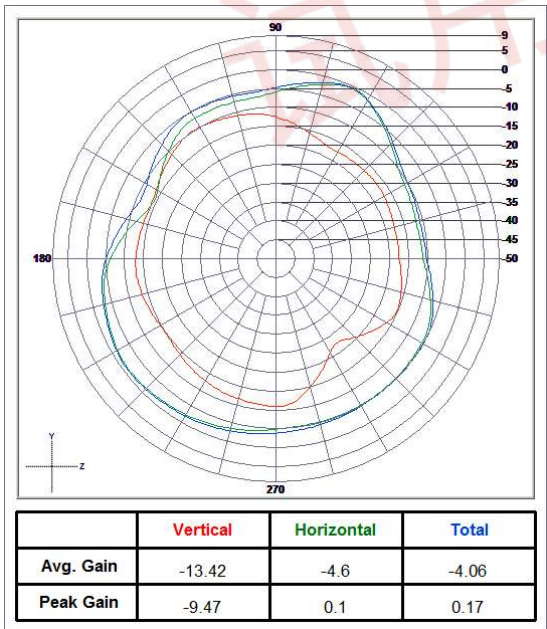
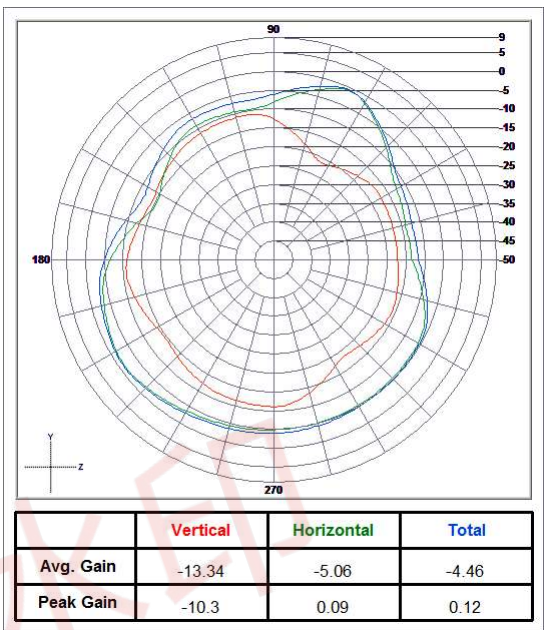
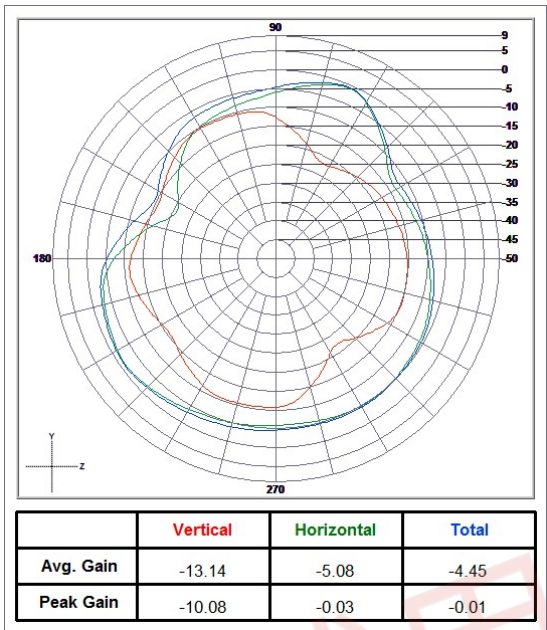


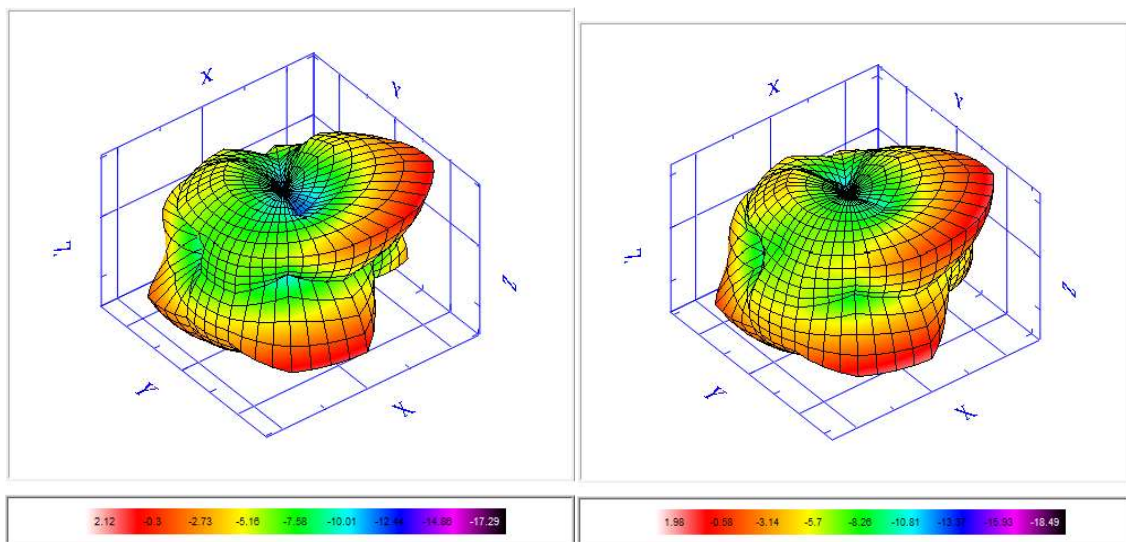
Theta axis test

Efficiency &Gain

2.40	-0.01
2.440	0.12
2.48	0.17

Radiation Pattern:





试用水印