

Antenna Specification for Approval

客户名称

Customer Name: \_\_\_\_\_

产品名称: \_

Product Name: 2.4G antenna length 38mm

客户型号:

Product Name:\_\_\_\_\_

产品料号:

Part NO. : C113H-11130-110

制 表:

Write By: 周 敏

日 期:

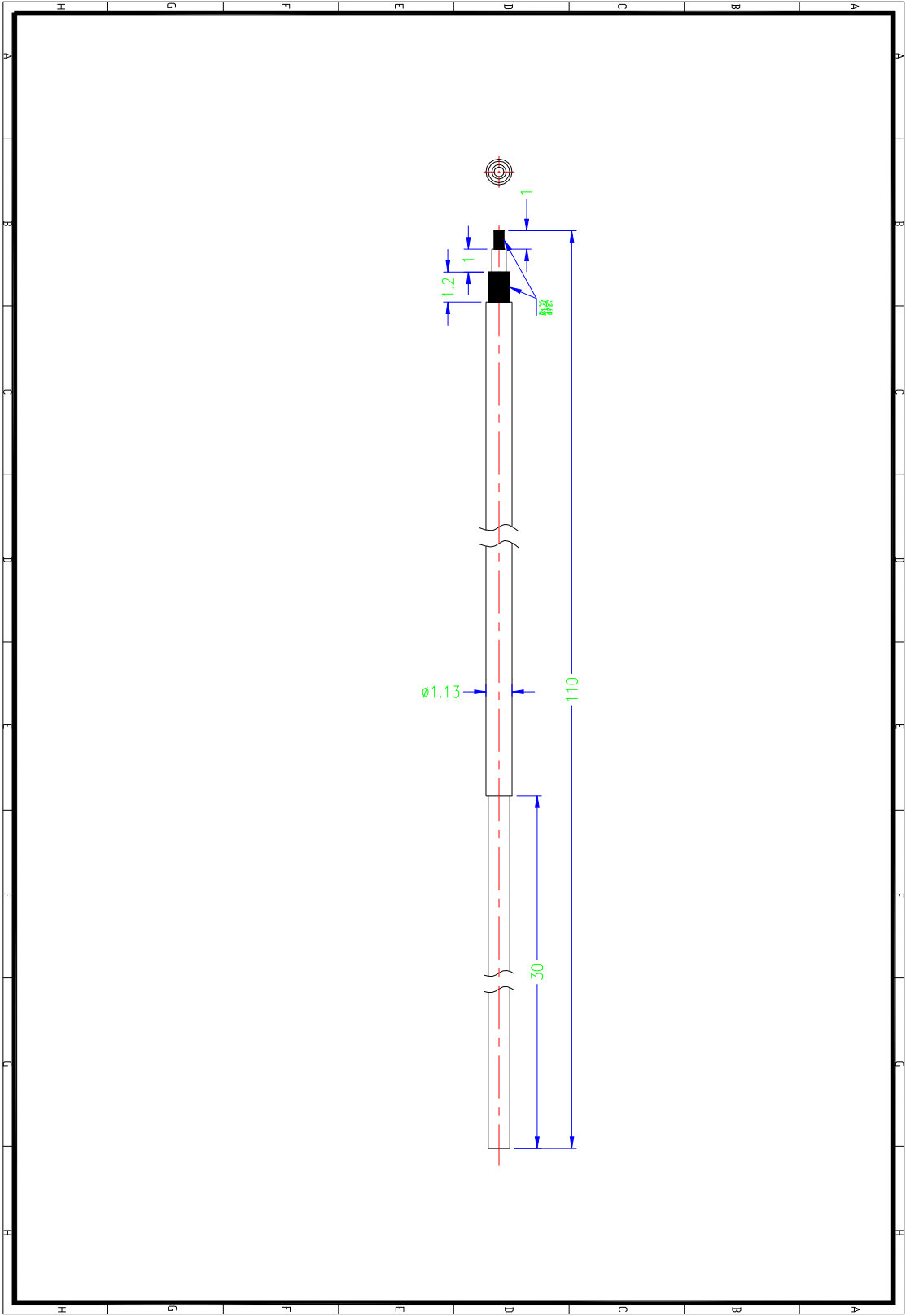
Issued Date: 2022-8-20

correspondent:

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

LI XIN HUI

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



# Product Specification

## A. Electrical Characteristics

**Frequency 2400MHz ~2500MHz**

**VSWR <3.0**

**Efficiency >50%**

**Impedance 50 Ohm**

**Polarization Line**

**Gain 0.17DBi**

## B. Material & Mechanical Characteristics

**Material of Radiator Cu**

**Cable Type 1.13 lucency**

**Connector Type : NO**

**Dimension**

## C. Environmental

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

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

# Test Equipment & Conditions

## 1. Network Analyzers :

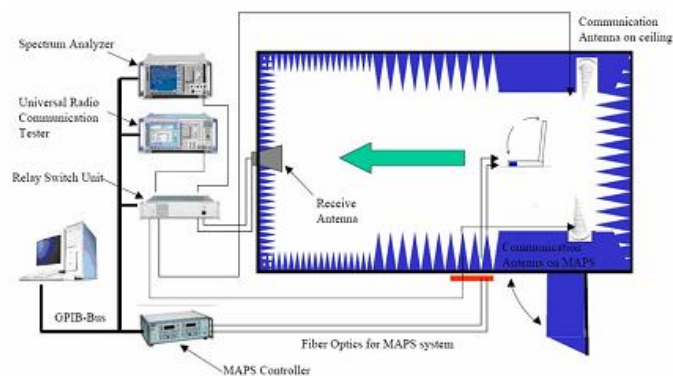
Agilent 8753D 5071B

## 2. Communications Test Set:

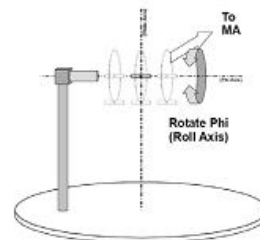
Agilent E5515C

## 3. 3D Chamber Test System

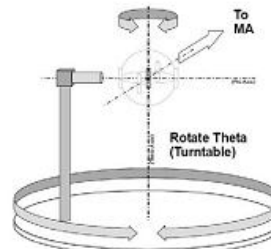
# Effiency &Gain



(Testing by 3D anechoic chamber)



Phi axis test



Theta axis test

## Effiency &Gain

2.40      -0.01

2.440     0.12

2.48      0.17

## Radiation Pattern:

