

Shenzhen Future Miracle Artificial Intelligence Technology Co., Ltd

Antenna Specification for Approval

客户名称

Customer Name: _____

产品名称: _

Product Name: 2.4G Antenna

客户型号:

Product Name: _____

产品料号:

Part NO.: C113H-11125-90

制表:

Write By: Xiao Yunlian

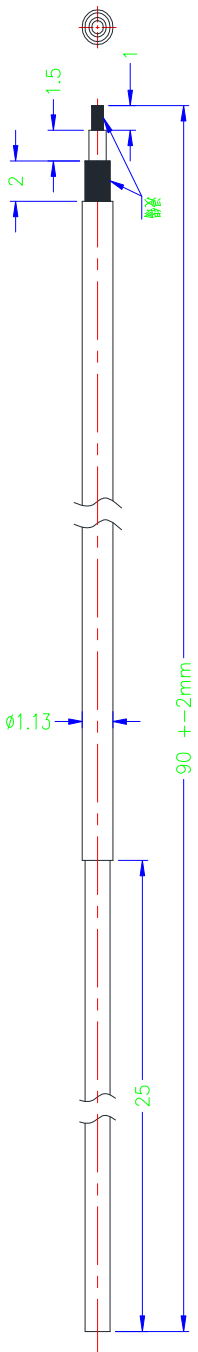
日期:

Issued Date: 2023-9-19

工程R&E Dept	采购Business Dept	承认 Approved By

研发R&D Dept	工程 Engineer Dept	审核 Approval

标记	次数	更改内容	签字	日期



东莞市利信威电子有限公司

PART TITLE	天线	MATERIAL	---	UNIT IN	mm	SCALE	5:1	SUPPLIER	CFM	VER.	01
零件名称:		材料:		单位:		比例:		供应商:		版本:	
PART NO.	C113H-11125-90	DRAWING	文全	DATE	2018/0603	CHECKING		SUPPLIER			
零件编号:		制图:		日期:		审核:		供应商签名:			

要求:
1. 标注公差为重要尺寸, 未标注公差按按±0.15。

Product Specification

A. Electrical Characteristics

Frequency 2402MHz-2480MHz

VSWR <3.0

Efficiency >38%

Impedance 50 Ohm

Polarization I ine

Gain 2dBi

B. Material & Mechanical Characteristics

Material of Radiator Cu

Cable Type 1.13

Connector Type : NO

Dimension

C. Environmental

Operation Temperature - 30 °C ~ + 80 °C

Storage Temperature - 30 °C ~ + 85 °C

Test Equipment & Conditions

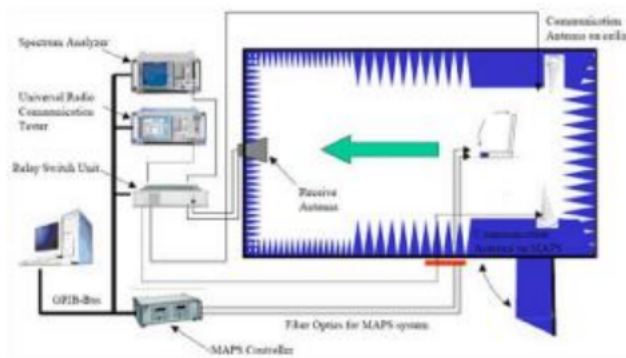
1. Network Analyzers :

Agilent 8753D 5071B

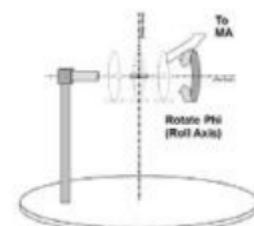
2. Communications Test Set:

Agilent E5515C

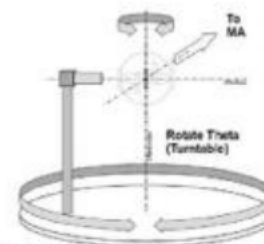
3. 3D Chamber Test System



(Testing by 3D anechoic chamber)



Phi axis test



Theta axis test

Efficiency & Gain

2.40	1.01
2.440	1.12
2.48	2.00

Radiation Pattern:

