

Customer Name: _____

Address: _____

Product Name: _____ 2.4G antenna

Part NO.: _____ SMA-2.4G-3DB

Write By: _____ Zhou Min

Issued Date: _____ 2025-4-8

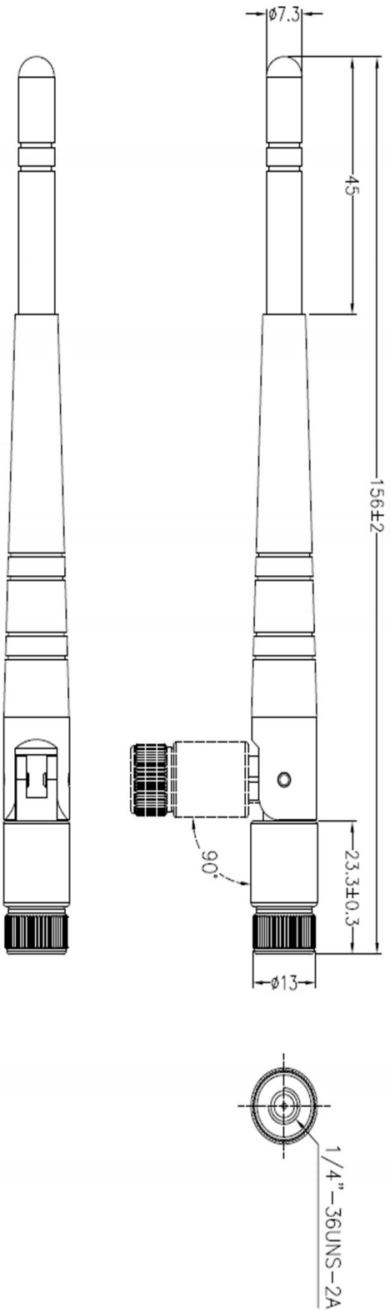
Customer:

R&D Dept	Business Dept	Approved By

Supplier

R&D Dept	Engineer Dept	Approval
Ni Sheng	Zhang Ming	xiong

标记	处数	更改内容	签字	日期
A				



技术要求:

1. 尺寸要求符合图纸, 打“×”的高度尺寸, 未标注公差按公差 ± 0.5 .
2. 材质XXXX, 表面XXXX.
3. 外观不能有XXXX等不良.
4. 环保要求能通过“RoHS, REACH, PAHs, BCP65”认证.

PART TITLE	USE IN	MATERIAL	UNIT IN	SCALE	SUPPLIER	VER.
零件名称: XXXX	适用机种: XXXX	材料: XX	单位: mm	比例: 1:1	供应商签名:	版次: 01
PART NO.	NUMBER	DRIVING	DATE	CHECKING		
零件编号: XXXXXXXXXXXX	用量: XX	绘图: XXX	日期: 2025.04.16	审核:		

Product Specification

A. Electrical Characteristics

Frequency 2400MHz ~2500MHz

VSWR <2.0

Efficiency >65%

Impedance 50 Ohm

Polarization Line

Gain 3.28DBi

B. Material & Mechanical Characteristics

Material of Radiator Cu

Cable Type

Connector Type : SMA

Dimension

C. Environmental

Operation Temperature - 30 °C ~ + 80 °C

Storage Temperature - 30 °C ~ + 85 °C

Test Equipment & Conditions

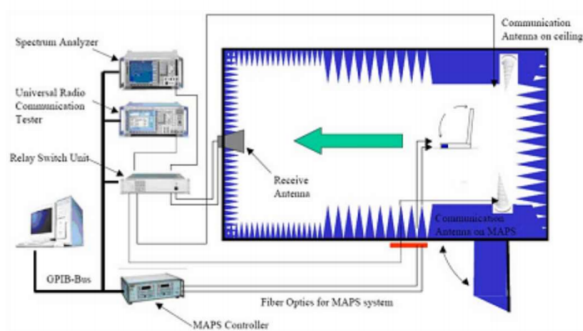
1. Network Analyzers :

Agilent 8753D 5071B

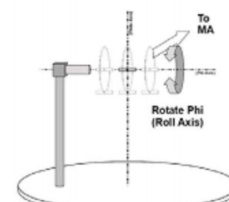
2. Communications Test Set:

Agilent E5515C

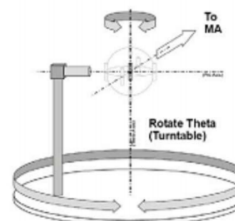
3. 3D Chamber Test System



(Testing by 3D anechoic chamber)

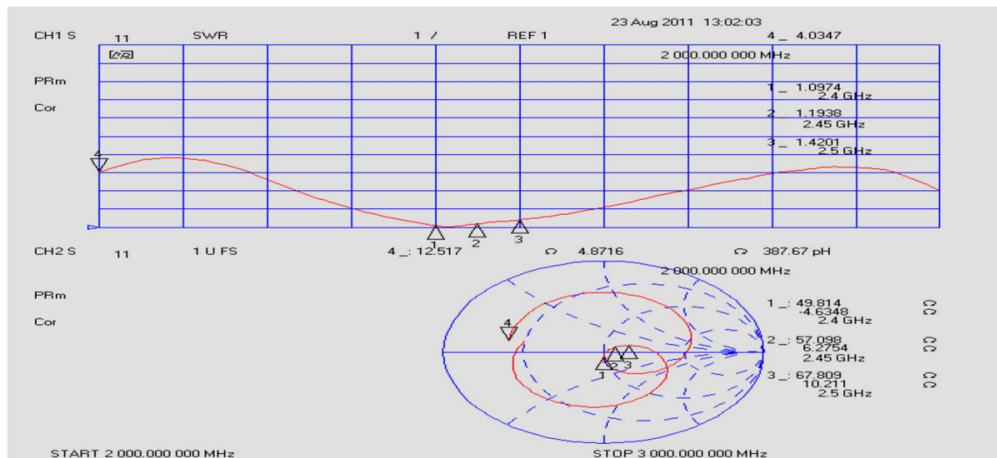


Phi axis test



Theta axis test

S11



Radiation Pattern:

