

Antenna Specification for Approval

Customer Name: _____.

address: _____.

Product Name: _____ 2.4G antenna _____.

产品料号:

Part NO.: _____ C113H-IPXLXW-30 _____.

制 表:

Write By: _____ Zhou Min _____.

日 期:

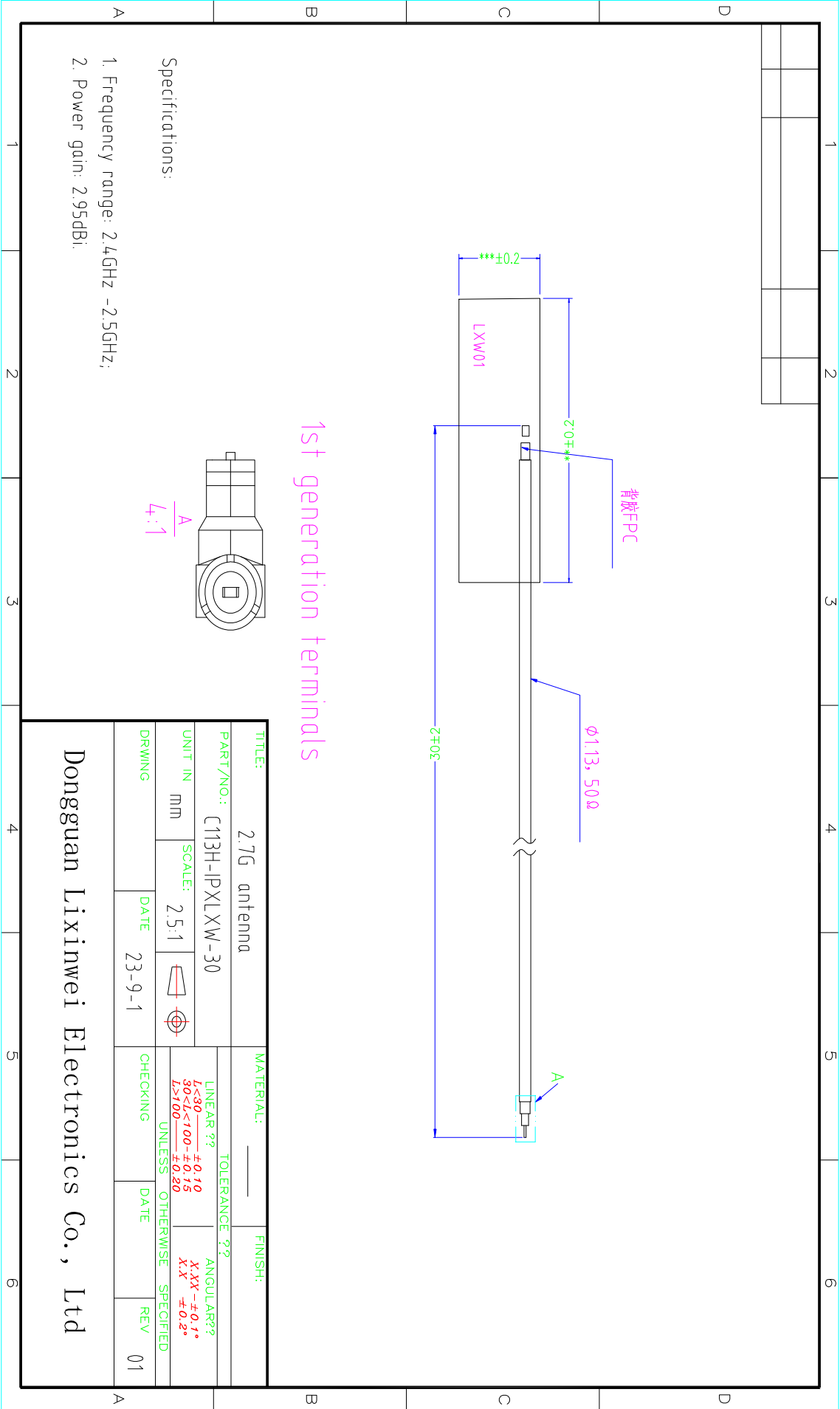
Issued Date: _____ 2025-11-7 _____.

customer

R&D Dept	Business Dept	Approved By

supplier

R&D Dept	Engineer Dept	Approval



Product Specification

A. Electrical Characteristics

Frequency 2400MHz ~2500MHz

VSWR <2.0

Efficiency >77.98%

Impedance 50 Ohm

Polarization Line

Gain 2.95DBi

B. Material & Mechanical Characteristics

Material of Radiator Cu

Cable Type 1.13 black

Connector Type : IPEX1

Dimension

C. Environmental

Operation Temperature - 30 °C ~ + 80 °C

Storage Temperature - 30 °C ~ + 85 °C

Test Equipment & Conditions

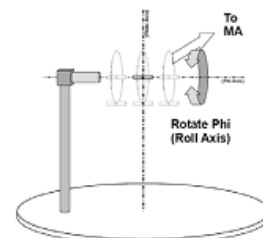
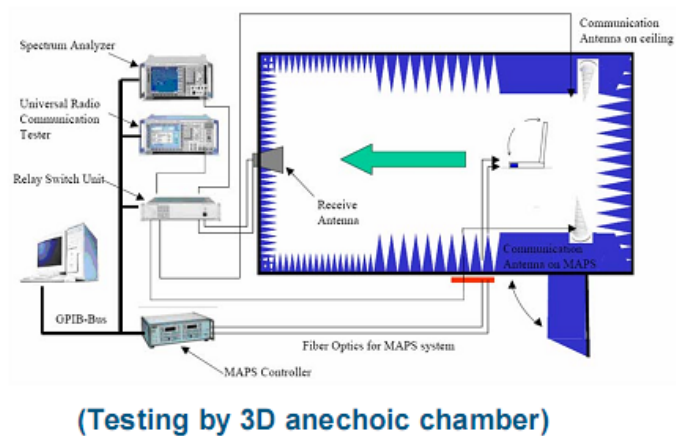
1. Network Analyzers :

Agilent 8753D 5071B

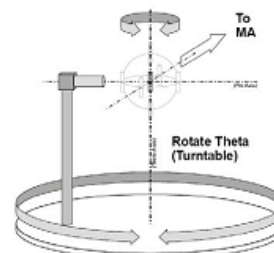
2. Communications Test Set:

Agilent E5515C

3. 3D Chamber Test System



Phi axis test



Theta axis test

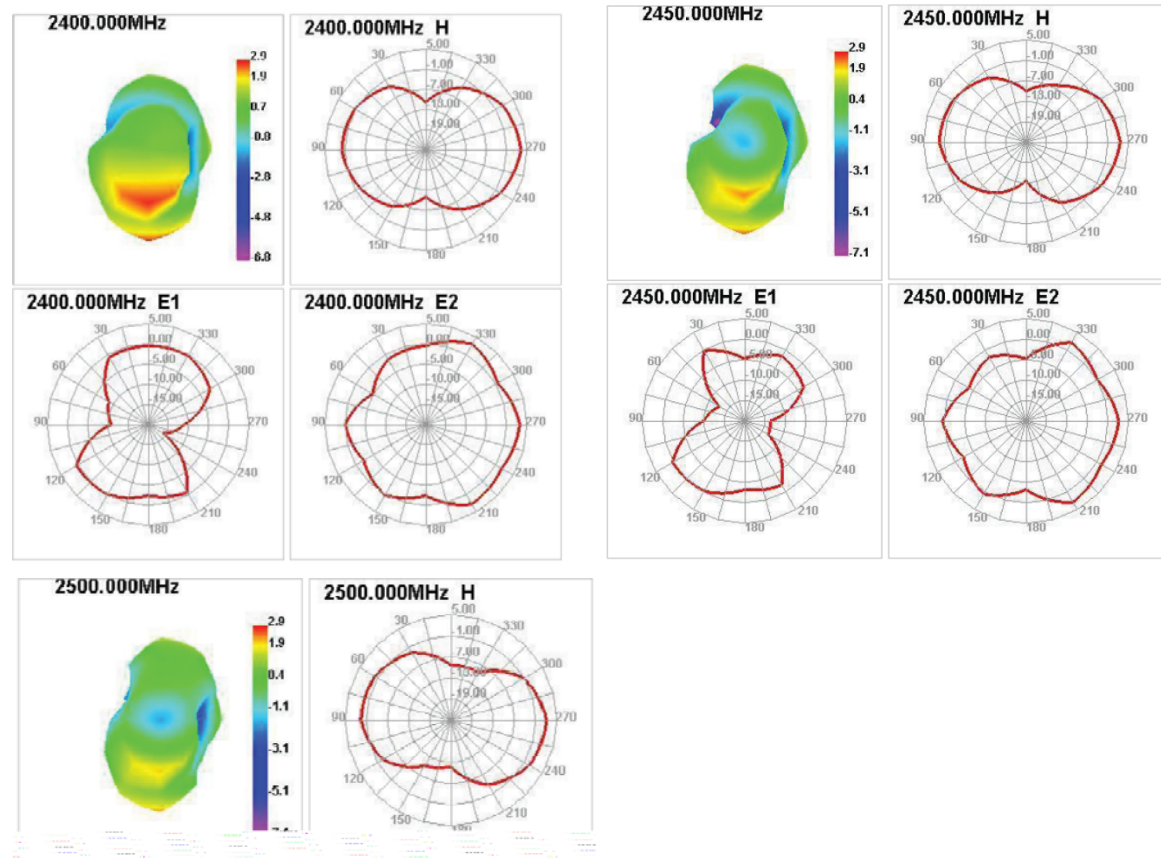
Efficiency & Gain

Fre (MHz)	Eff (%) (dB)	Gain (dB)
2400	77.98	2.95
2410	76.29	2.81
2420	76.4	2.82
2430	76.97	2.88
2440	77.13	2.91
2450	72.8	2.93
2460	71.47	2.88
2470	69.96	2.68
2480	71.42	2.68
2490	75.64	2.93
2500	72.65	2.87

S11



Radiation Pattern:



Manufacturer:Yunjie Zhiyan (Shenzhen) Technology Co., Ltd.
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