

Antenna Specification for Approval

客户名称

Customer Name: L00GIC

产品名称: _

Product Name: 2.4GCopper tube Antenna 130MM

客户型号:

Product Name: _____

产品料号:

Part NO.: C130H-IPXBT44-111-26-130R

制 表:

Write By: _____

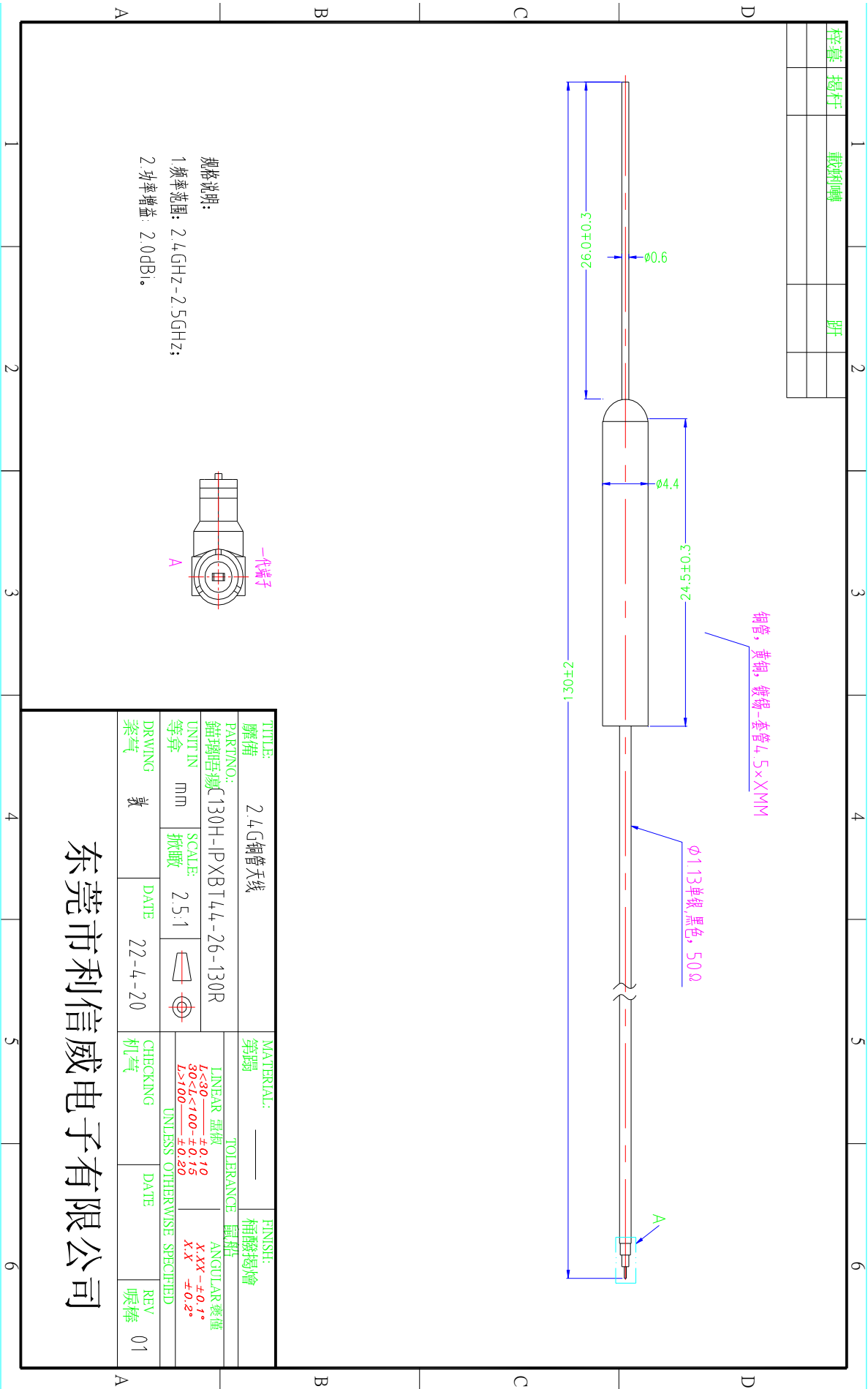
日 期:

Issued Date: 2022-4-25

Clientele

工程R&D Dept	采购Business Dept	承认 Approved By

研发R&D Dept	工程 Engineer Dept	审核 Approval



Product Specification

A. Electrical Characteristics

Frequency 2400MHz ~2500MHz

VSWR <2.0

Efficiency >75%

Impedance 50 Ohm

Polarization Line

Gain 2.97DBi

B. Material & Mechanical Characteristics

Material of Radiator Cu

Cable Type 1.13 黑色

Connector Type : IPEX1

Dimension

C. Environmental

Operation Temperature - 30 °C ~ + 80 °C

Storage Temperature - 30 °C ~ + 85 °C

Test Equipment & Conditions

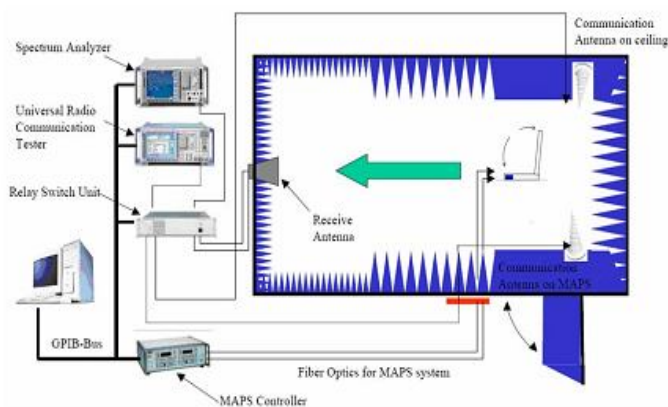
1. Network Analyzers :

Agilent 8753D 5071B

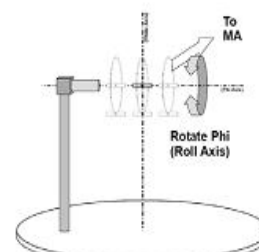
2. Communications Test Set:

Agilent E5515C

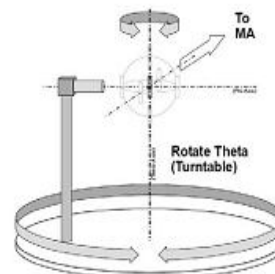
3. 3D Chamber Test System



(Testing by 3D anechoic chamber)



Phi axis test

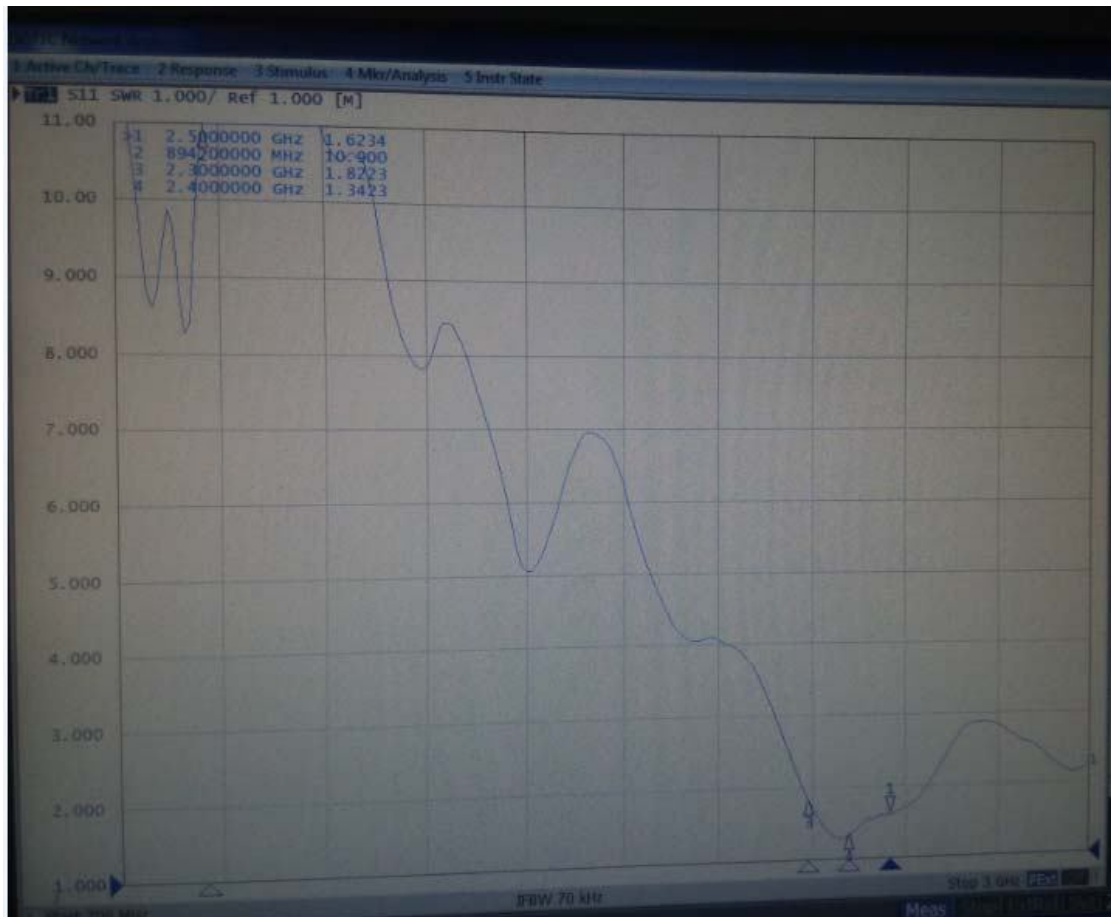


Theta axis test

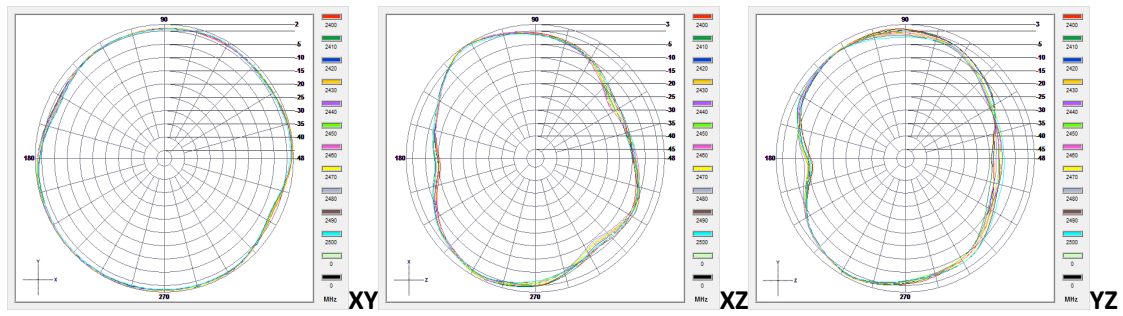
Effiency &Gain

Freq (MHz)	Effi (%%)	Gain (dBi)
2400	73.92	2.41
2410	73.73	2.87
2420	74.52	2.8
2430	72.42	2.97
2440	68.66	2.41
2450	71.22	2.72
2460	73.87	2.87
2470	72.94	2.81
2480	73.46	2.78
2490	68.51	2.73
2500	65.92	2.34

S11



Radiation Pattern:



2400 2410 2420 2430 2440 2450 2460 2470 2480 2490 2500

