

Dongguan Lixinwei Electronics Co., Ltd

Antenna Specification for Approval

Customer Name: DeXinCheng

Address: _____

Product Name: 2.4G antenna length 33

Part NO.: C14-33-3

Write By: Zhou Min

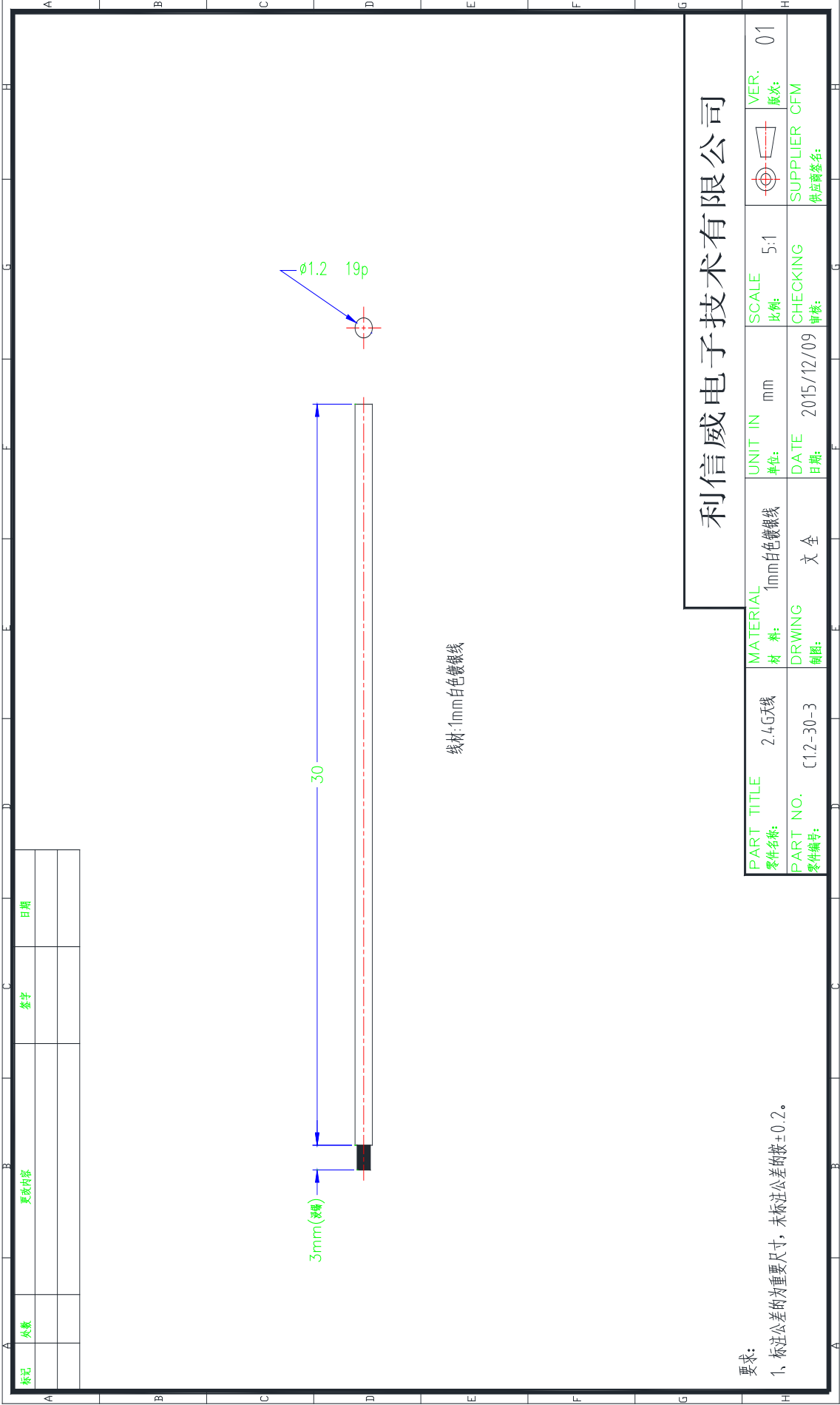
Issued Date: 2021-6-25

Customer:

R&D Dept	Business Dept	Approved By

Supplier

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



Product Specification

A. Electrical Characteristics

Frequency 2400MHz ~2500MHz

VSWR <3.0

Efficiency >30%

Impedance 50 Ohm

Polarization Line

Gain: 2.51dBi

B. Material & Mechanical Characteristics

Material of Radiator Cu

Cable Type: 1.4 black

Connector Type : NO

Dimension

C. Environmental

Operation Temperature - 30 °C ~ + 80 °C

Storage Temperature - 30 °C ~ + 85 °C

Test Equipment & Conditions

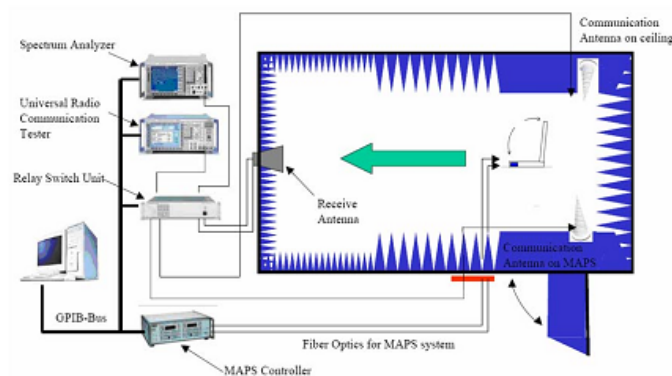
1. Network Analyzers :

Agilent 8753D 5071B

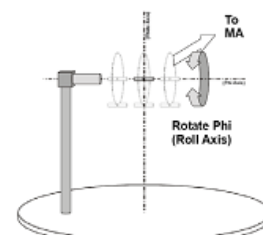
2. Communications Test Set:

Agilent E5515C

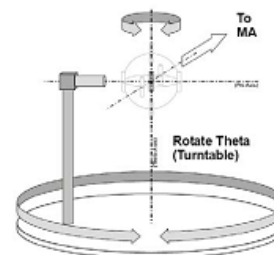
3. 3D Chamber Test System



(Testing by 3D anechoic chamber)



Phi axis test



Theta axis test

Peak Gain & Efficiency

2.400 GHZ	2.51 dBi	26.5%
2.440 GHZ	2.12 dBi	29.7%
2.480 GHZ	1.58 dBi	29.1 %

Radiation Pattern:

