

Dongguan Lixinwei Electronics Co., Ltd

Antenna Specification for Approval

Customer Name: 德新成

Address: _____

Product Name: 2.4G antenna length 33

Part NO. : C14-33-3

Write By: Zhou Min

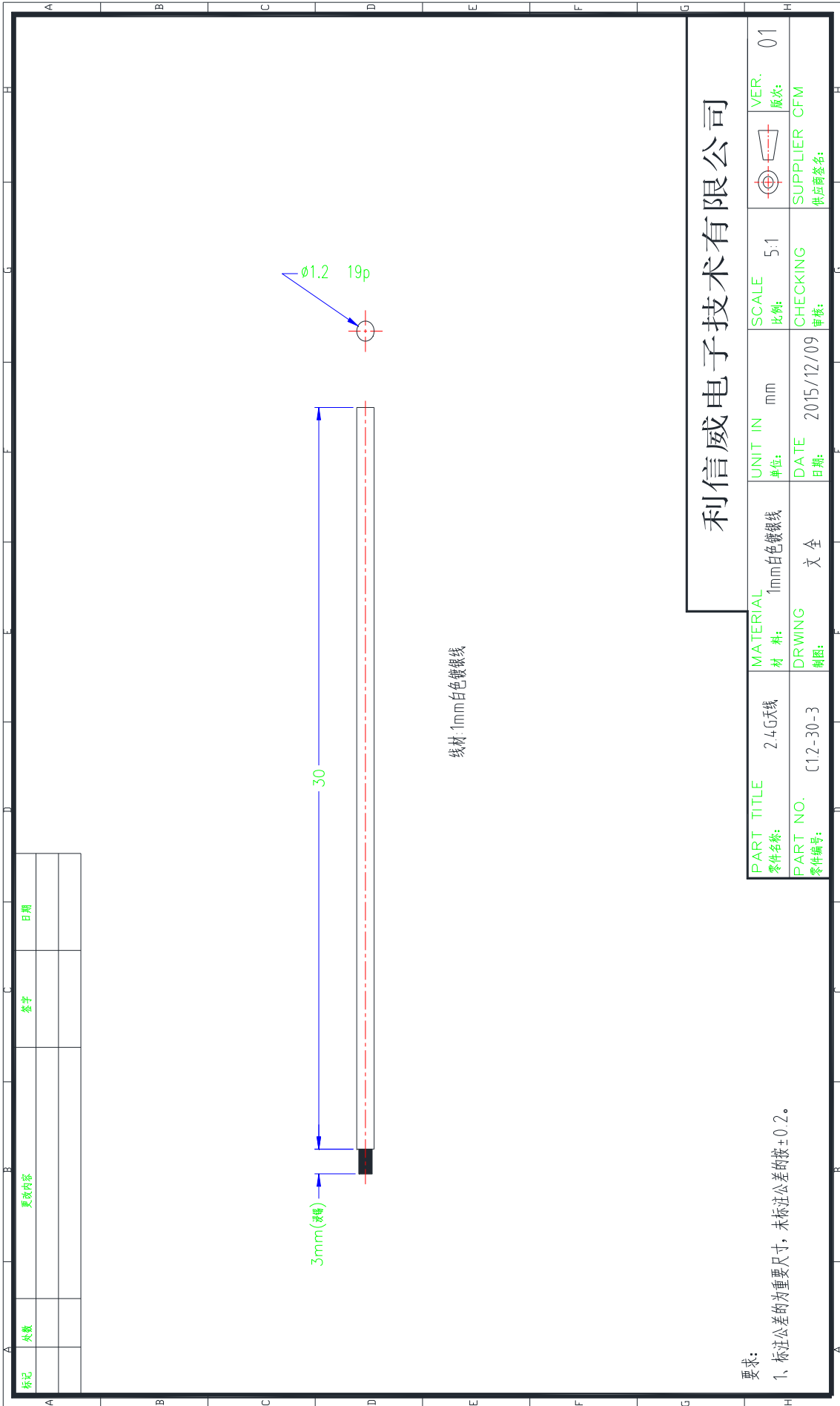
Issued Date: 2021-6-25

Customer :

R&D Dept	Business Dept	Approved By

Supplier

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



标记	数量	更改内容	签字	日期

利信威电子技术有限公司

要求：
1、标注公差为重要尺寸，未标注公差的按±0.2。

PART TITLE 零件名称:	2.4G天线	MATERIAL 材 料:	1mm白色镀银线	UNIT IN 单位:	mm	SCALE 比例:	5:1	VER. 版本:	01
PART NO. 零件编号:	C12-30-3	DRWING 制图:	文 全	DATE 日期:	2015/12/09	CHECKING 审核:		SUPPLIER CFM 供应商签名:	

Product Specification

A. Electrical Characteristics

Frequency 2400MHz ~2500MHz

VSWR <3.0

Efficiency >30%

Impedance 50 Ohm

Polarization Line

Gain: 0.58dBi

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

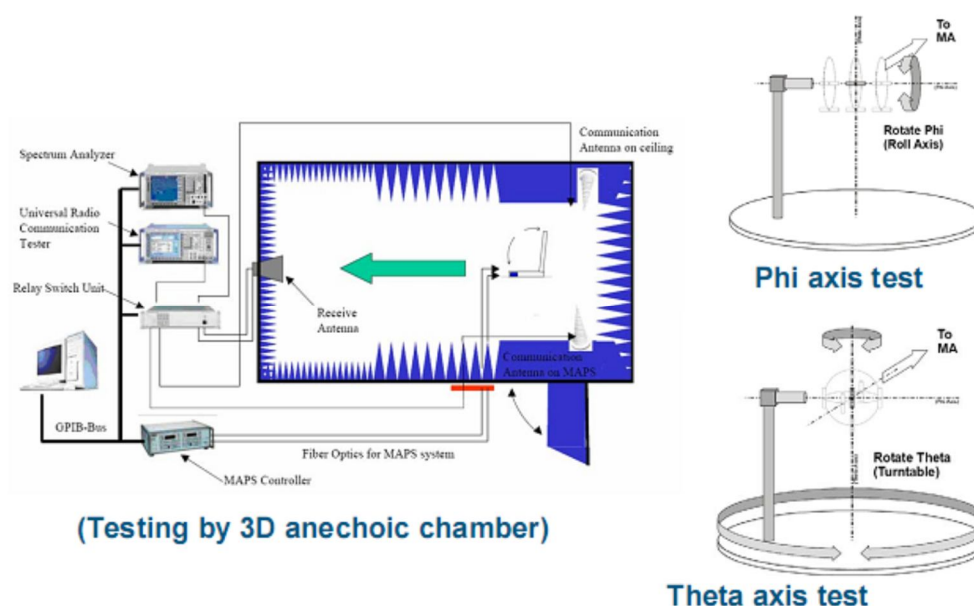
1. Network Analyzers :

Agilent 8753D 5071B

2. Communications Test Set:

Agilent E5515C

3. 3D Chamber Test System



(Testing by 3D anechoic chamber)

Theta axis test

Peak Gain & Efficiency

2.40GHZ	0.41 dBi	26.5%
2.440 GHZ	0.58 dBi	29.7%
2.48 GHZ	0.51 dBi	29.1 %

Radiation Pattern:

