

东莞市利信威电子有限公司

天线规格承认书

Antenna Specification for Approval

客户名称

Customer Name: 蓝速电子

产品名称: _

Product Name: C113H-11.51.530-150

客户型号:

Product Name: _____

产品料号:

Part NO.: C113H-11.51.530-150

制表:

Write By: 周敏

日期:

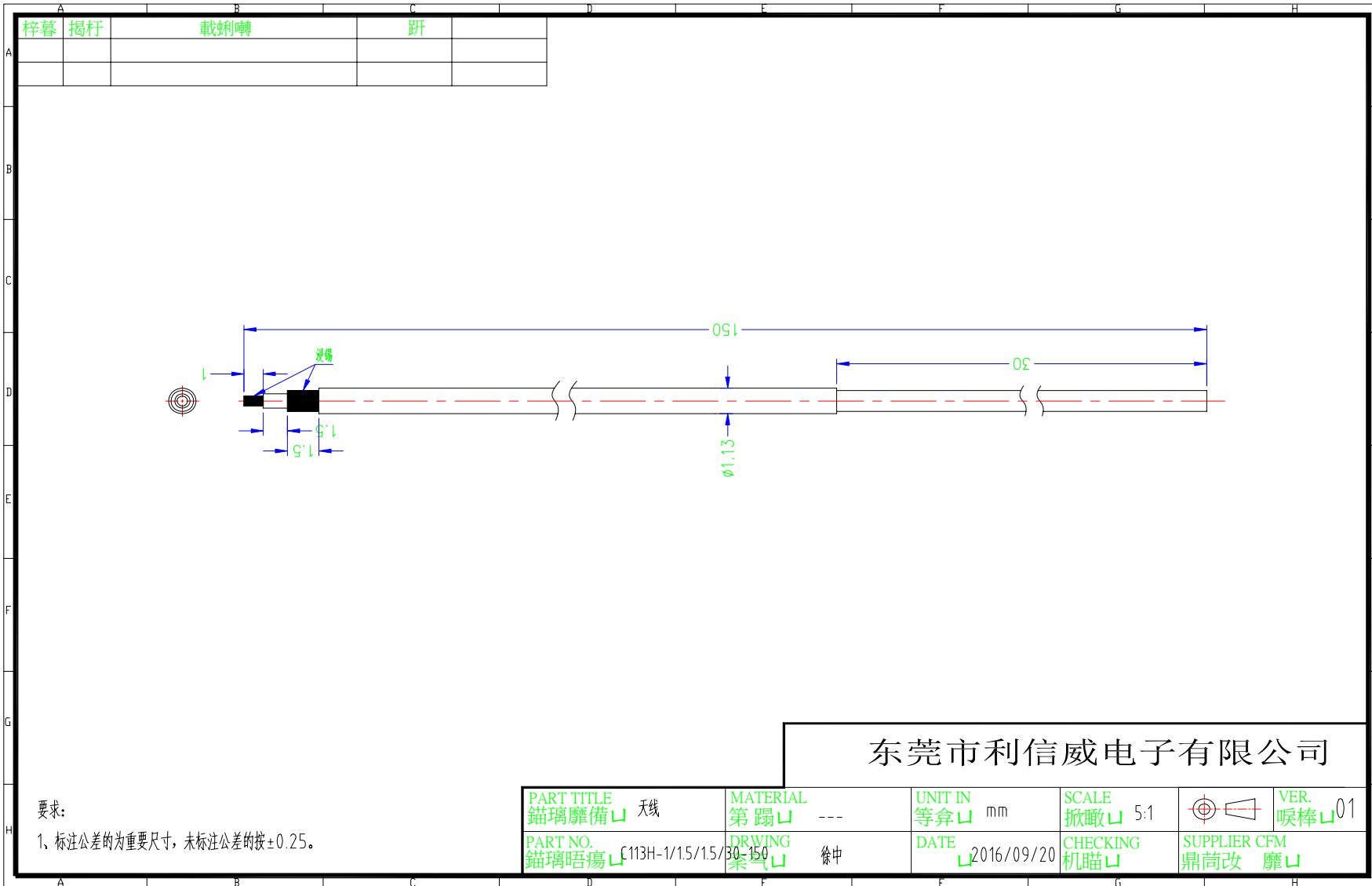
Issued Date: 2016-9-20

客 户:

工程R&D Dept	采购Business Dept	承认 Approved By

利 信 威

研发R&D Dept	工程 Engineer Dept	审核 Approval



东莞市利信威电子有限公司

要求:

1、标注公差的重要尺寸，未标注公差的按±0.25。

PART TITLE 锚璃靡備 □ 天线	MATERIAL 第踢 □ ---	UNIT IN 等奔 □ mm	SCALE 掀瞰 □ 5:1	VER. 喉棒 □ 01
PART NO. 锚璃唔瘍 □ C113H-1/1.5/1.5/30-150	DRAWING 泰气 □ 徐中	DATE 2016/09/20	CHECKING 机瞄 □	SUPPLIER CFM 鼎商改 靡 □

Product Specification

A. Electrical Characteristics Frequency

2400MHz ~2500MHz VSWR <3.0

Efficiency >50%

Impedance 50 Ohm

Polarization Line

Gain 0.17DBi

B. Material & Mechanical Characteristics

Material of Radiator Cu

Cable Type 1.13 黑色

Connector Type : NO

Dimension

C. Environmental

Operation Temperature - 30 °C ~ + 80 °C

Storage Temperature - 30 °C ~ + 85 °C

Test Equipment & Conditions

1. Network Analyzers :

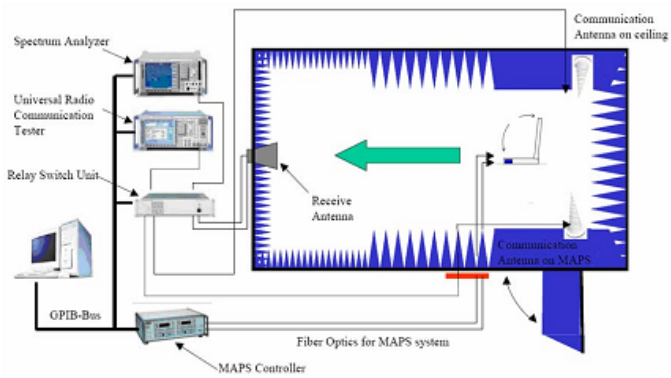
Agilent 8753D 5071B

2. Communications Test Set:

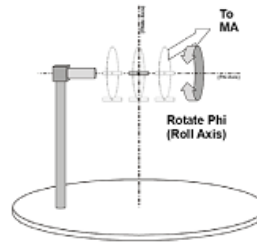
Agilent E5515C

3. 3D Chamber Test System

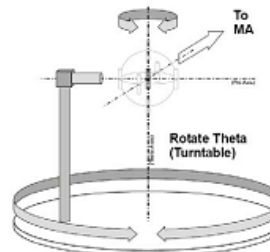
Efficiency &Gain



(Testing by 3D anechoic chamber)



Phi axis test

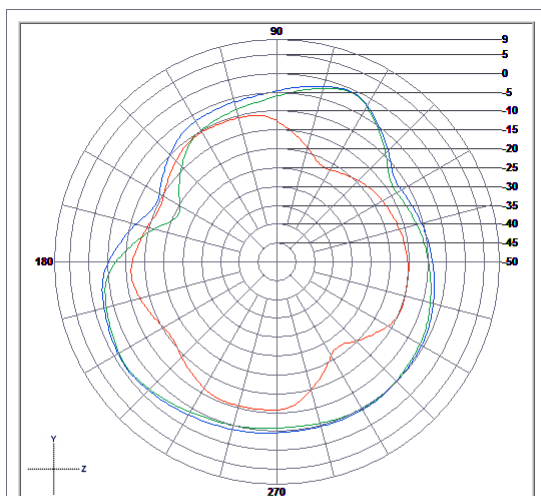


Theta axis test

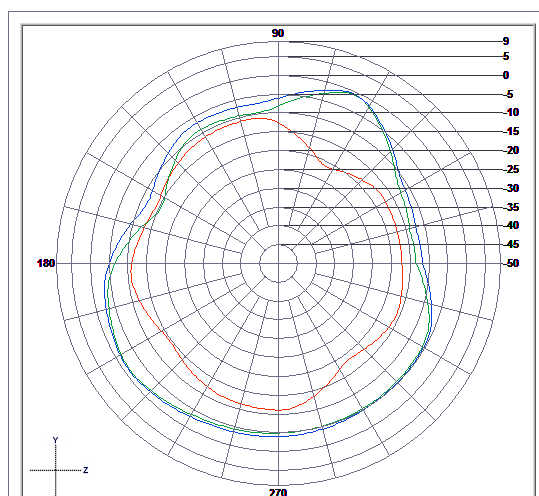
Efficiency & Gain

2.40	-0.01
2.440	0.12
2.48	0.17

Radiation Pattern:



	Vertical	Horizontal	Total
Avg. Gain	-13.14	-5.08	-4.45
Peak Gain	-10.08	-0.03	-0.01



	Vertical	Horizontal	Total
Avg. Gain	-13.34	-5.06	-4.46
Peak Gain	-10.3	0.09	0.12

