

深圳市利信辉电子有限公司

天线规格承认书

Antenna Specification for Approval

客户名称

Customer Name: SHANTOU CHENGHAI DISTRICT FEIYU TOY FACTORY

产品名称:

Product Name: 2.4G antenna length 35mm white

客户型号:

Product Name:

产品料号:

Part NO.: C10-35-2.5

制表:

Write By:

日期:

Issued Date:

客户:

工程R&D Dept	采购Business Dept	承认 Approved By

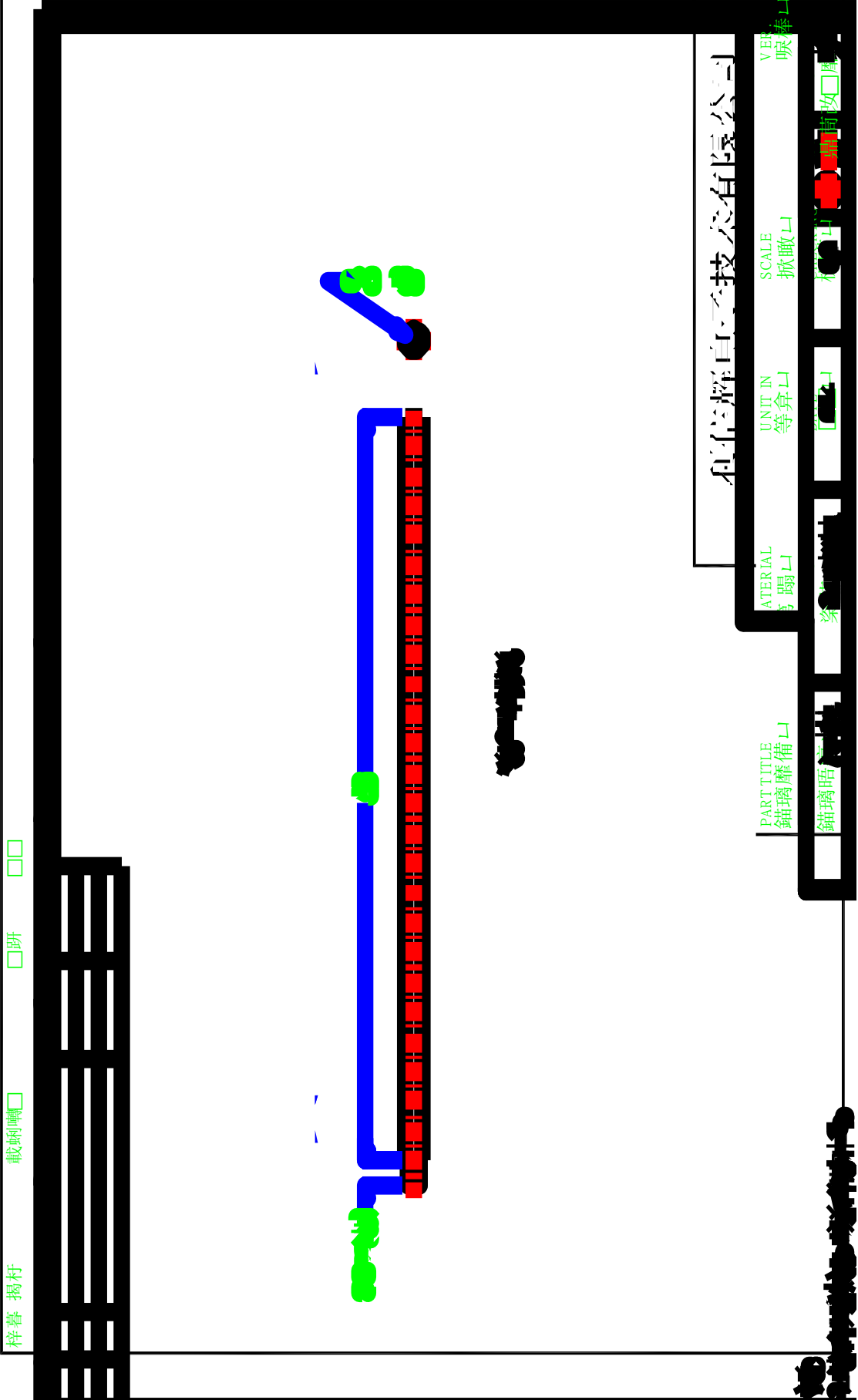
利信辉

研发R&D Dept	工程 Engineer Dept	审核 Approval

梓幕 揭杆

載刺輓

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Product Specification

A. Electrical Characteristics

Frequency 2400MHz ~2500MHz

VSWR <3.0

Efficiency >30%

Impedance 50 Ohm

Polarization Line

Gain 0.17DBi

B. Material & Mechanical Characteristics

Material of Radiator Cu

Cable Type 1.0 19P 白色

Connector Type : NO

Dimension

C. Environmental

Operation Temperature - 30 ℃ ~ + 80 ℃

Storage Temperature - 30 ℃ ~ + 85 ℃

Test Equipment & Conditions

1. Network Analyzers :

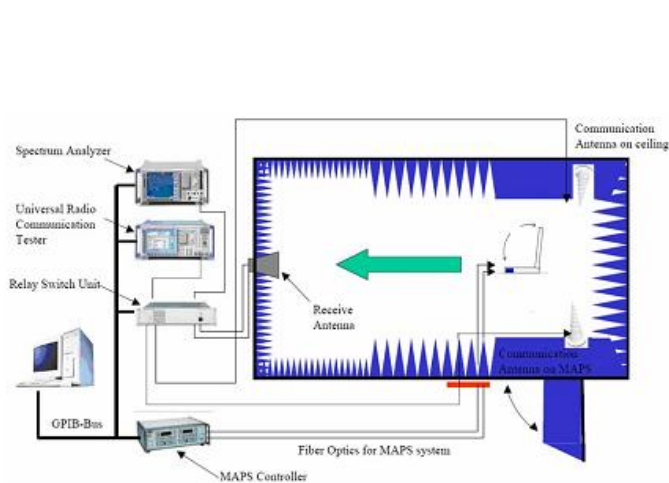
Agilent 8753D 5071B

2. Communications Test Set:

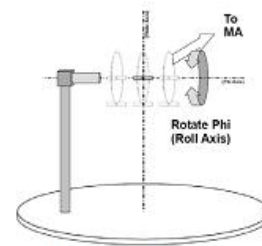
Agilent E5515C

3. 3D Chamber Test System

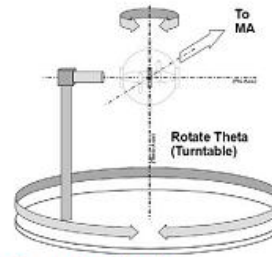
Efficiency&Gain



(Testing by 3D anechoic chamber)



Phi axis test

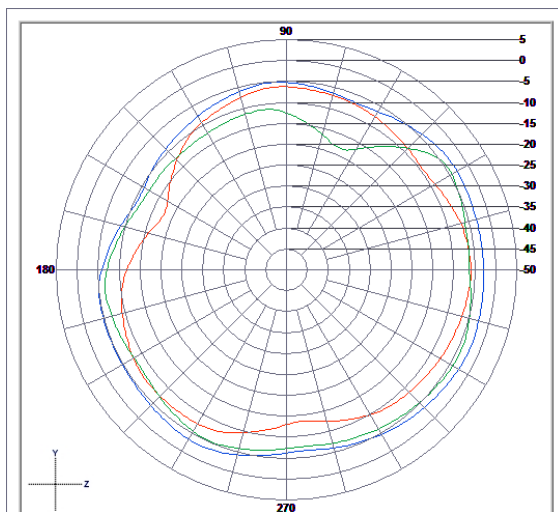


Theta axis test

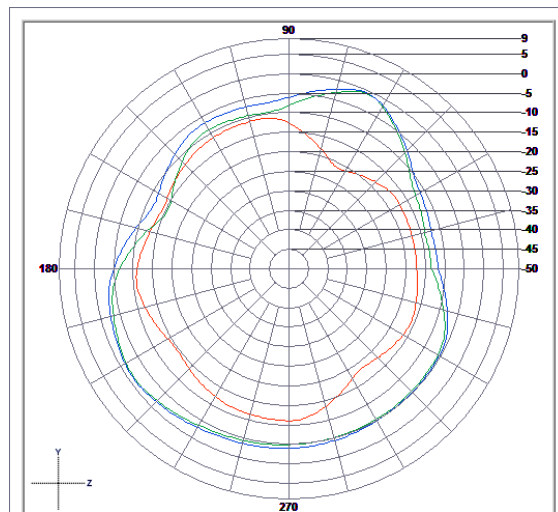
Efficiency&Gain

2.40	-0.00
2.440	-0.11
2.48	-0.13

Radiation Pattern:



	Vertical	Horizontal	Total
Avg. Gain	-8.4	-6.99	-4.63
Peak Gain	-5.48	-3.77	-2.17



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

