

深圳市利信辉电子有限公司

深圳市宝安区新安街道兴东社区71区宗泰绿凯智荟园

天线规格承认书

Antenna Specification for Approval

客户名称

Customer Name: 正杰电子

产品名称:

Product Name: 2.4G天线全长35mm白色

产品料号:

Part NO.: C10-35-2.5

制表:

Write By: 李瑞

日期:

Issued Date: 2021.9.4

客户:

工程R&D Dept	采购Business Dept	承认 Approved By
李工	张燕	王伟

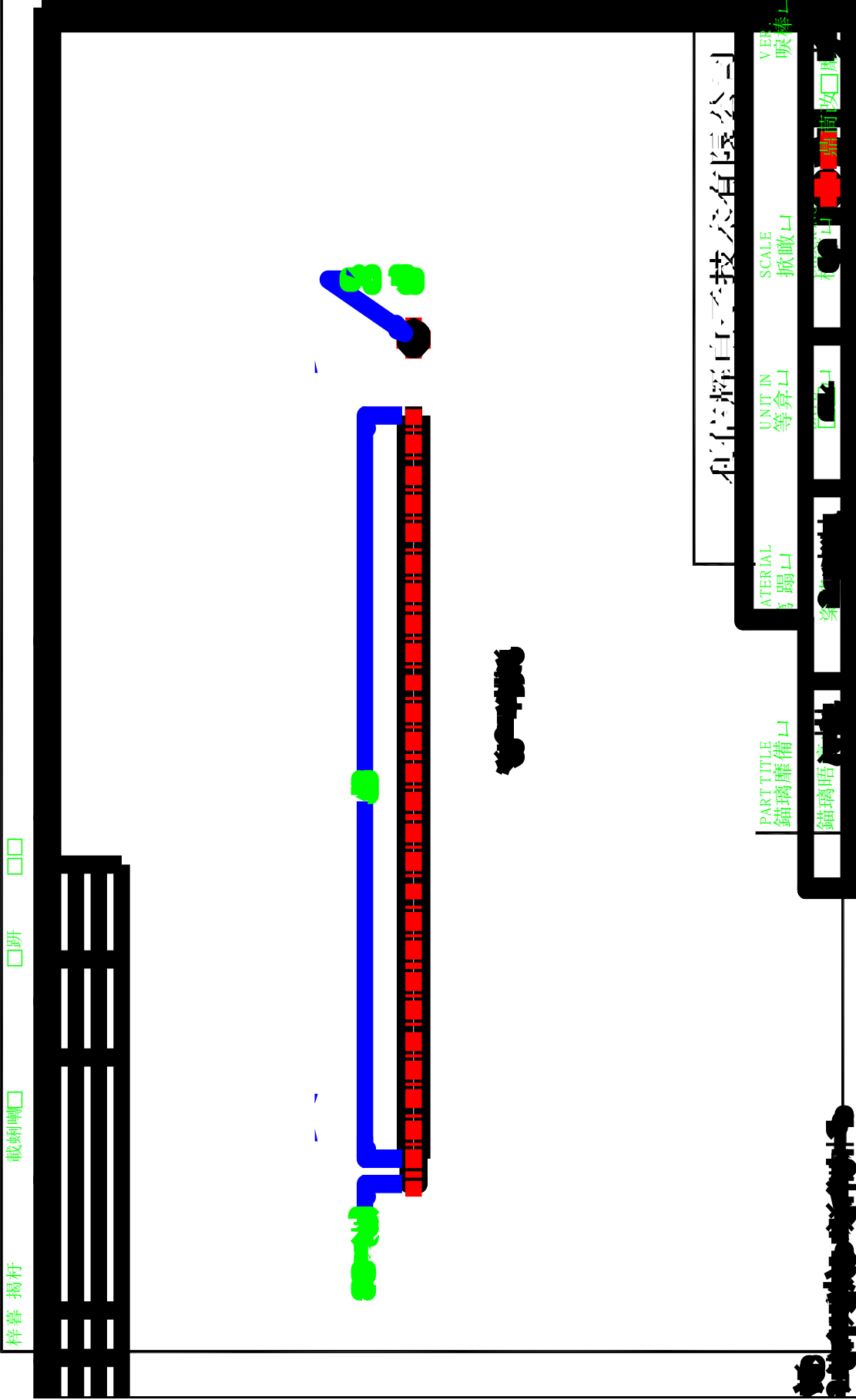
利信辉

研发R&D Dept	工程 Engineer Dept	审核 Approval
赵工	韦工	李志杰

梓幕 揭杆

載刺輞

脚



PART TITLE
錨玻璃備

MATERIAL
脚

UNIT IN
等算

SCALE
撤瞰

VER
咲奉

錨玻璃備

脚

等算

撤瞰

咲奉

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 °C ~ + 80 °C

Storage Temperature - 30 °C ~ + 85 °C

Test Equipment & Conditions

1. Network Analyzers :

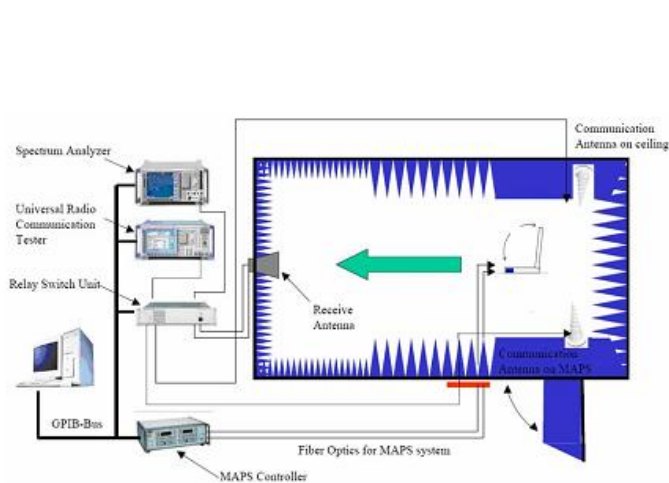
Agilent 8753D 5071B

2. Communications Test Set:

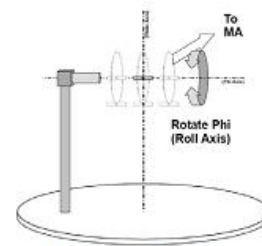
Agilent E5515C

3. 3D Chamber Test System

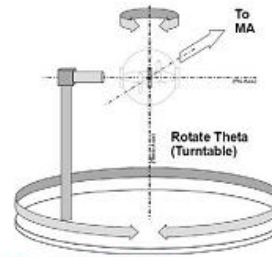
Efficiency&Gain



(Testing by 3D anechoic chamber)



Phi axis test



Theta axis test

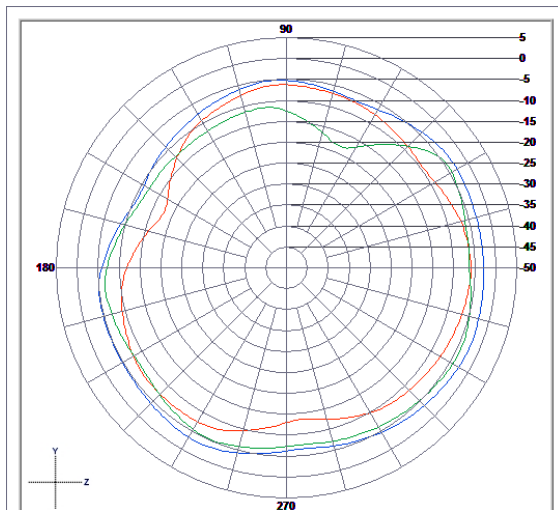
Efficiency&Gain

2.40 -2.17

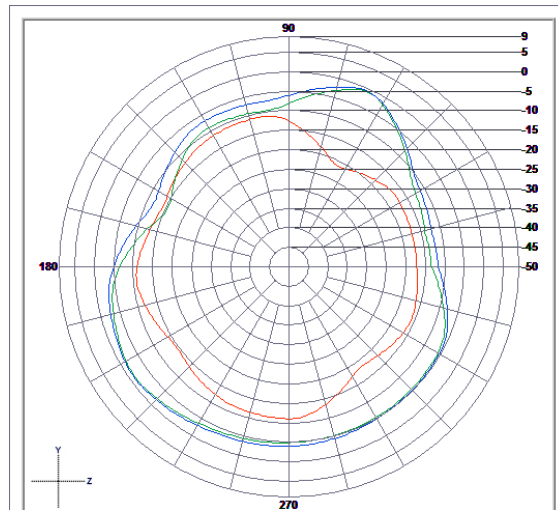
2.440 0.12

2.48 0.17

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

