

汕头市三何电子有限公司

天线规格承认书

Antenna Specification for Approval

客户名称

Customer Name: 汕头市正一电子 Shantou Zhengyi

Electronics

产品名称:

Product Name: 2.4G天线 全长35mm红色 2.4G antenna, total
length 35 mm, red

制造商名管:

manufacturer Name: 汕头市三何电子有限公司 Shantou Sanhe

Electronics Co., Ltd.

产品检测机构:

Product Testing institutions: 汕头万田 Wantian,

Shantou

天线类型:

Antenna type: 单极性天线 Unipolar antenna

天线款式:

Antenna style: 全方向性 All-directional

客 户:

工程R&D Dept	采购Business Dept	承认 Approved By
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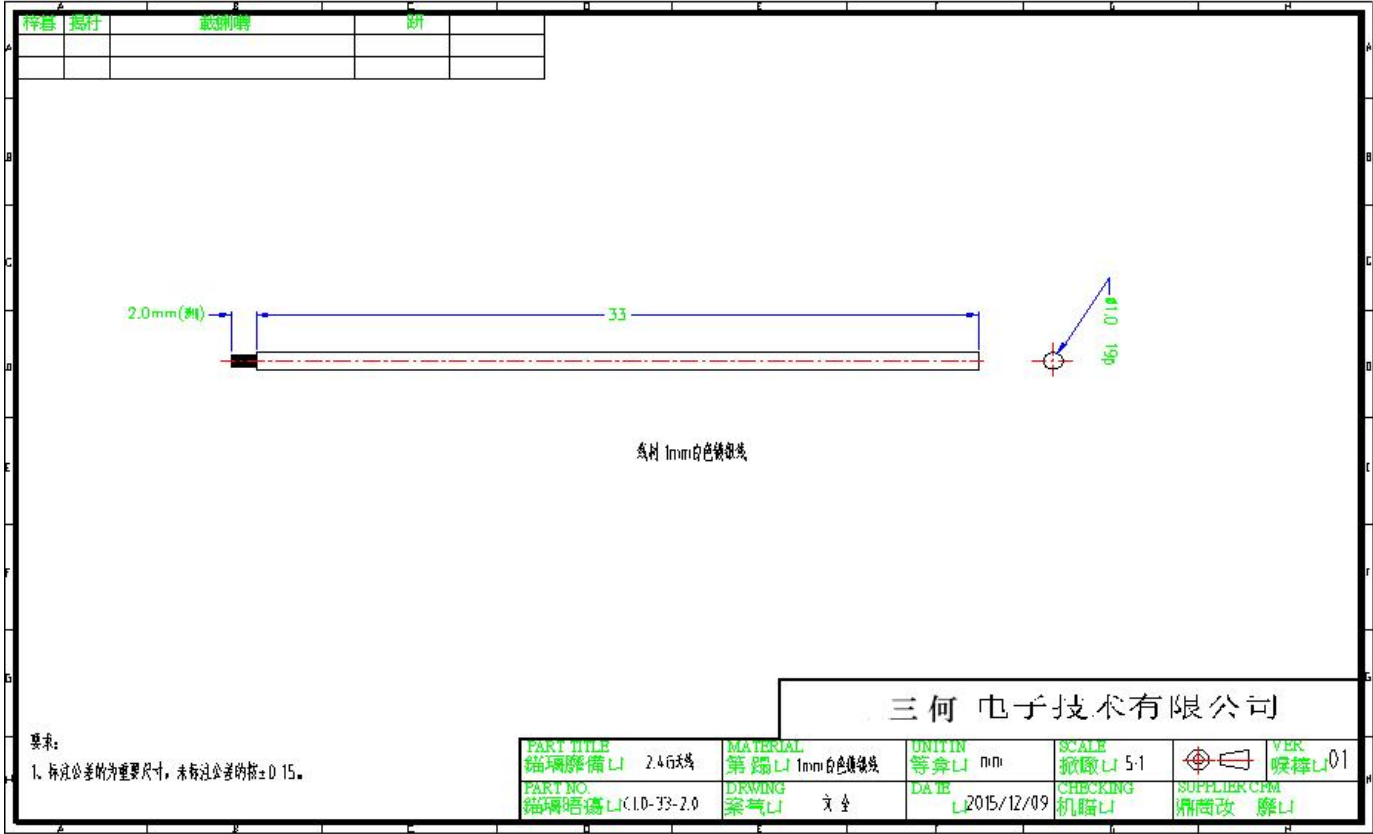
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汕头市龙湖区桂安路8号8楼南侧

South side of the 8th floor, No. 8
Gui'an Road, Longhu District, Shantou
City.

研发R&D Dept	工程 Engineer Dept	审核 Approval



Product Specification

- A. Electrical Characteristics
- Frequency 2400MHz ~2500MHz
- VSWR <3.0
- Efficiency >30%

Impedance 50 Ohm

Polarization Line

Gain 0DBi

B. Material & Mechanical Characteristics

Material of Radiator Cu

Cable Type 1.0 19P 黑色. 红色. 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 :

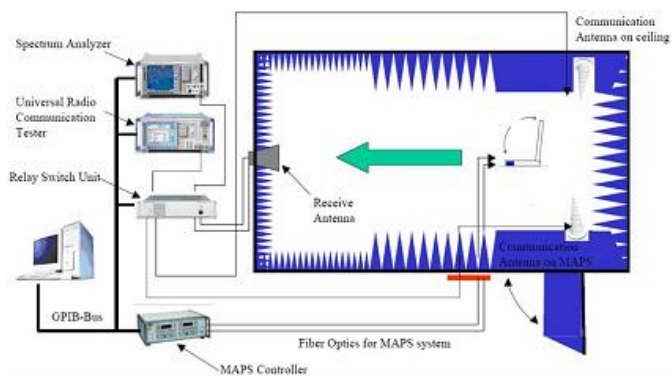
Agilent 8753D 5071B

2. Communications Test Set:

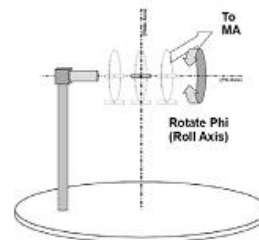
Agilent E5515C

3. 3D Chamber Test System

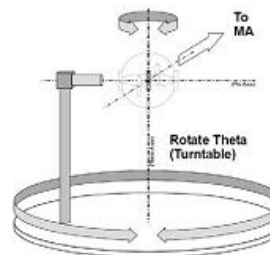
Efficiency & Gain



(Testing by 3D anechoic chamber)



Phi axis test



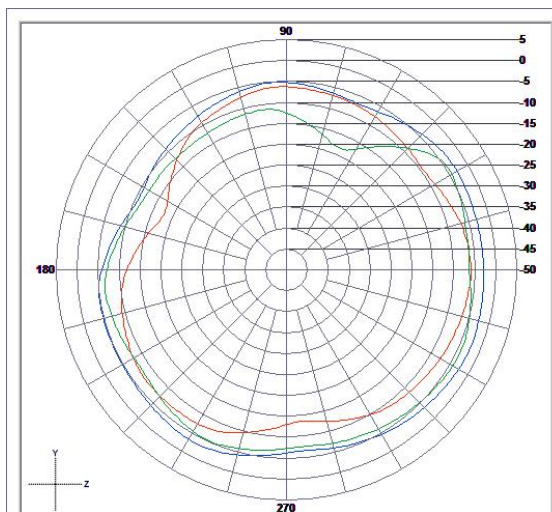
Theta axis test

Efficiency & Gain

2.40	-0.00
2.440	-0.11
2.48	-0.13

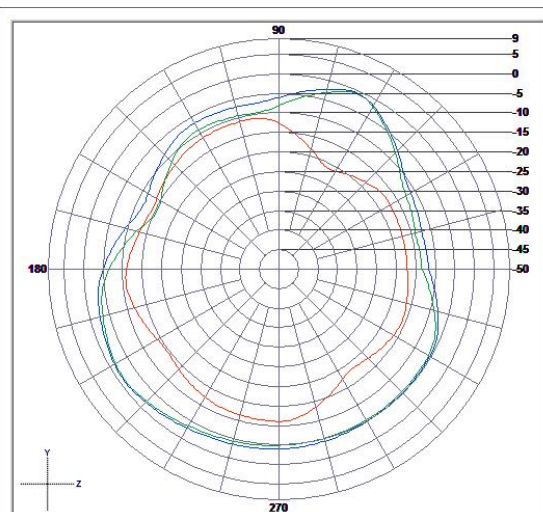
Radiation Pattern:

2400MHz



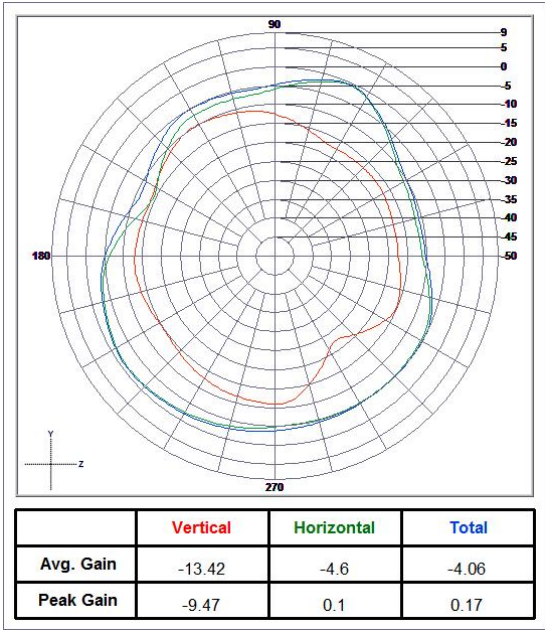
	Vertical	Horizontal	Total
Avg. Gain	-8.4	-6.99	-4.63
Peak Gain	-5.48	-3.77	-2.17

2440MHz

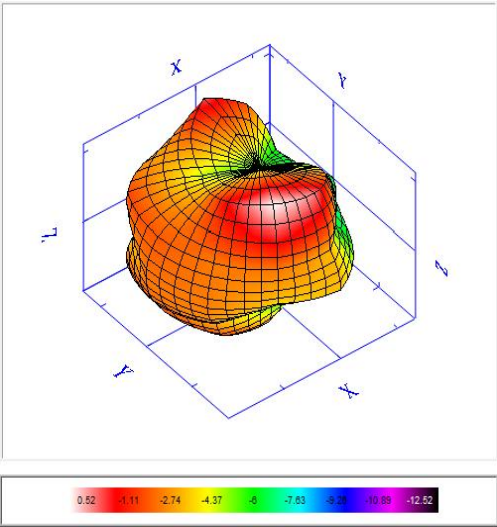


	Vertical	Horizontal	Total
Avg. Gain	-13.34	-5.06	-4.46
Peak Gain	-10.3	0.09	0.12

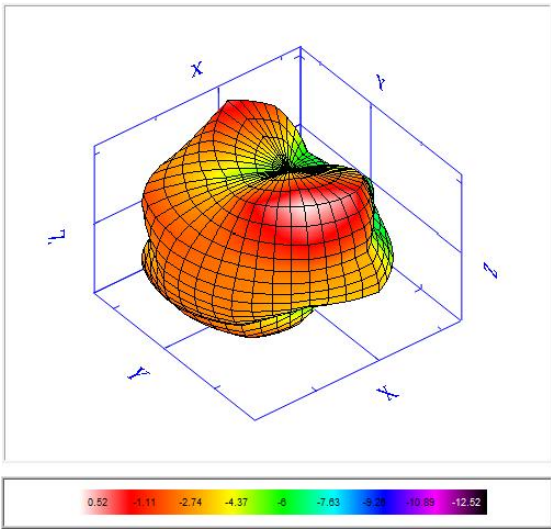
2480MHz



2400MHz



2440MHz



2480MHz

