

天线规格承认书

Antenna Specification for Approval

客户名称:

Customer Name: _____

产品名称:

Product Name: 2.4G 天线 全长120mm 白色

2.4G antenna with a full length of 120mm in white

天线类型:

Antenna Type: Wire Antenna

产品料号:

Part NO. : 17-0.10-1.6

制 表:

Write By: Wang

日 期:

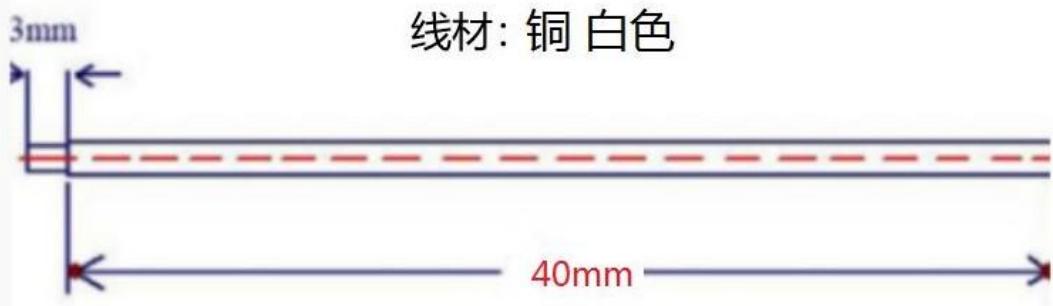
Issued Date: 2024.08.03

客 户:

工程R&D Dept	采购Business Dept	承认 Approved By

宏展环保科技

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 50Ohm

Polarization Line

Gain 0.17DBi

B. Material & Mechanical Characteristics

Material of Radiator Cu

Cable Type 1.0 19P 白色 White

Connector Type :NO

Dimension

C. Environmental

Operation Temperature -30°C~+80°C

Storage Temperature -30°C~+85°C

Test Equipment & Conditions

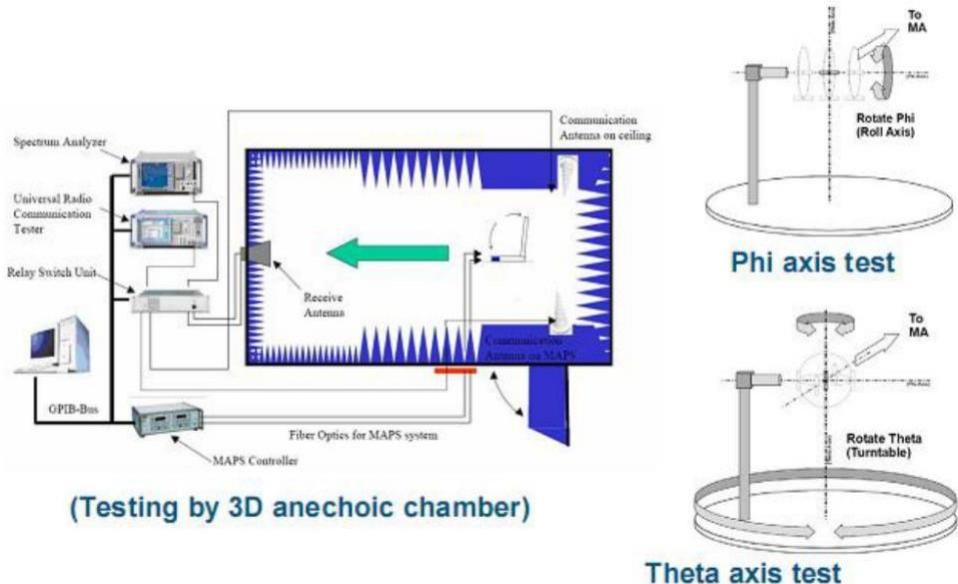
1. Network Analyzers :

Agilent 8753D 5071B

2. Communications Test Set:

Agilent E5515C

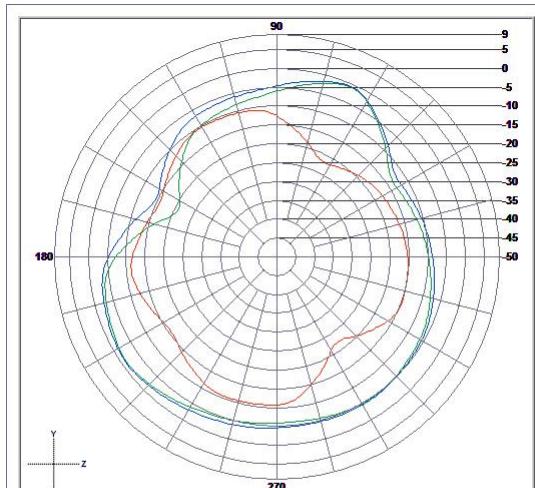
3. 3D Chamber Test System Efficiency & Gain



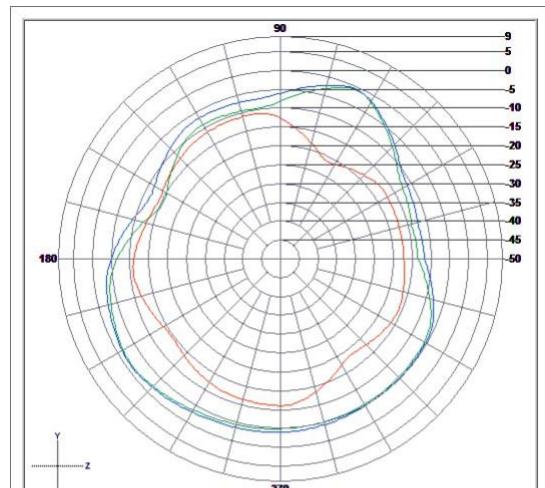
Efficiency & Gain

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

