

Qianhailin Electronic Technology

Co. , LTD

Antenna Specification for Approval

Customer Name: Yujinlong

Product Name: 2.4G wire overall length; span 40mm

Antenna Type: Wire Antenna

Part NO. : 17-0.10-1.6

Write By: Wang

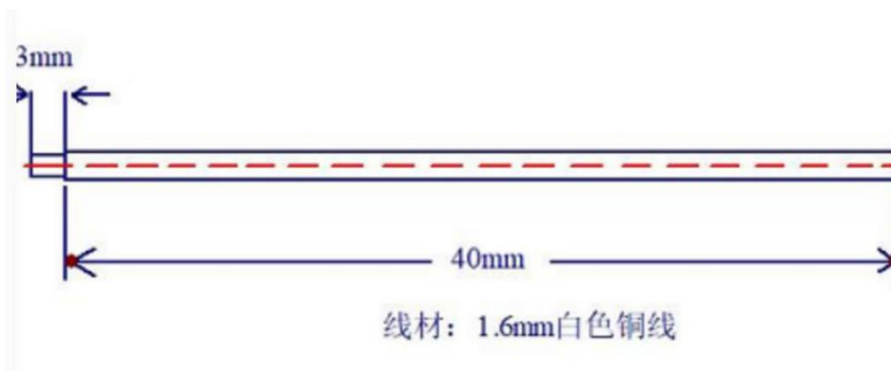
Issued Date: 2025.04.23

client:

R&D Dept	Business Dept	Approved By

Qian Hailin Electronic Technology

R&D Dept	Engineer Dept	Approval



备注：2.4G 天线规格为 17 芯 0.10 外径 1.6MM 电子导线，白色，长度为 40MM,线头剥皮 3MM 上锡。符合环保标准：欧盟 EN71(19E)、ROHS、PAHS、6P~16P、欧美 CPSIA、HR4040。

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 白色

Connector Type : NO

Dimension

C. Environmental

Operation Temperature - 30 °C ~ + 80 °C

Storage Temperature - 30 °C ~ + 85 °C

Test Equipment & Conditions

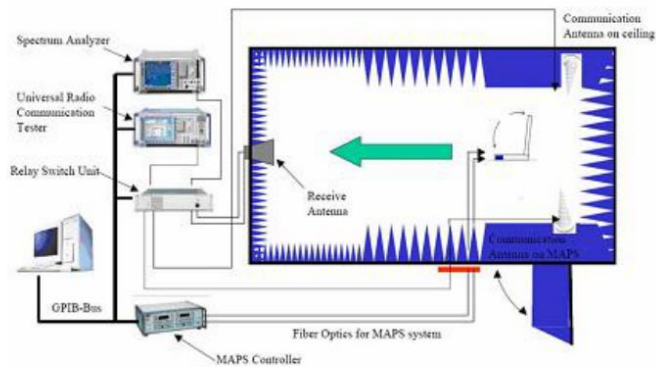
1. Network Analyzers :

Agilent 8753D 5071B

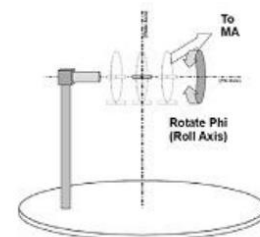
2. Communications Test Set:

Agilent E5515C

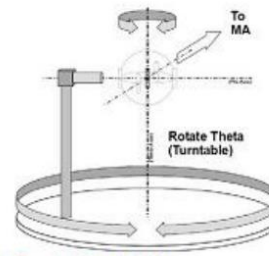
3. 3D Chamber Test System Efficiency & Gain



(Testing by 3D anechoic chamber)



Phi axis test



Theta axis test

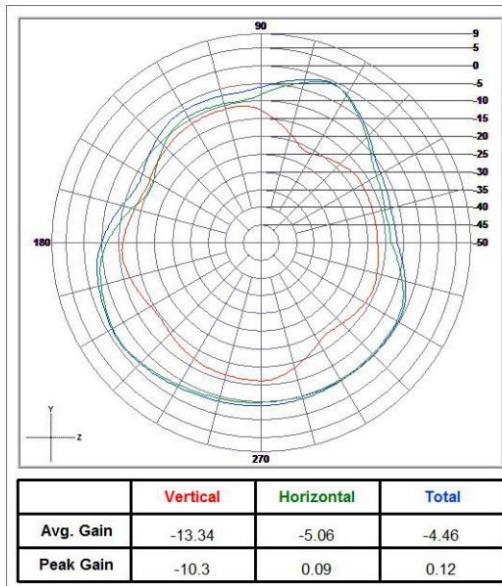
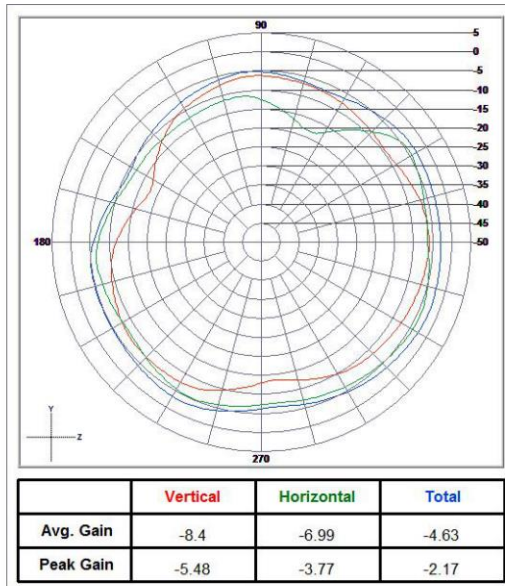
Efficiency & Gain

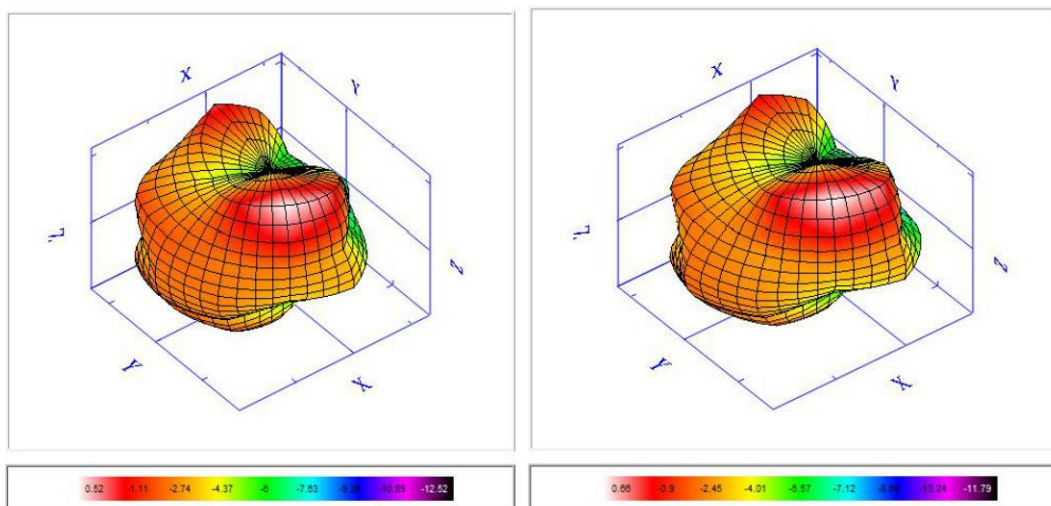
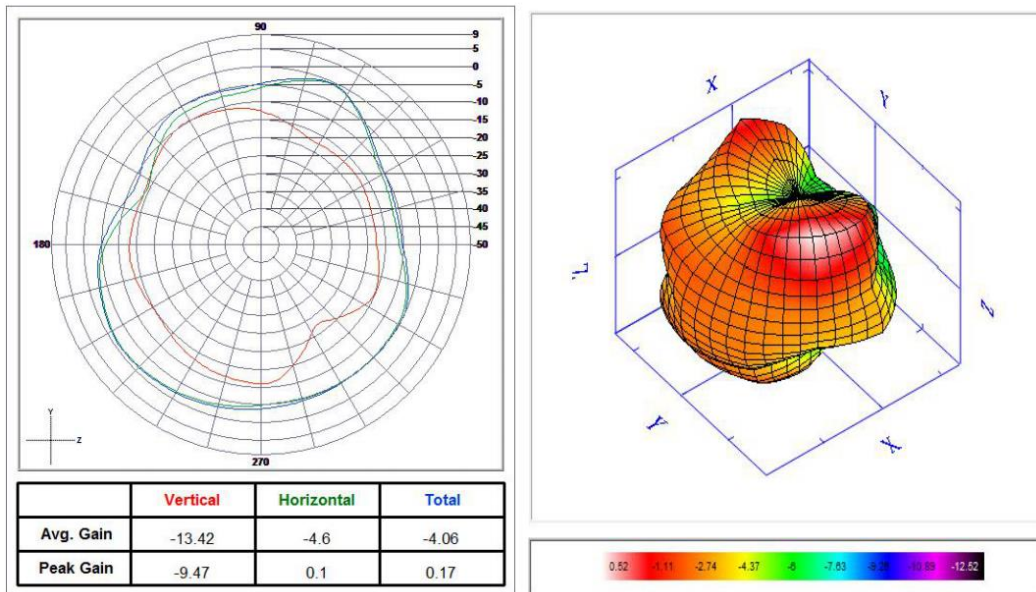
2.40 -0.00

2.440 -0.11

2.48 -0.13

Radiation Pattern:





Manufacturer: Qian Hailin Electronic Technology Co., LTD. Chenghai District, Shantou City

Address: No.16, Lane 2, Customs, Chenghua Street, Chenghai District, Shantou City