

Chuangxin wire rod

Antenna Specification for Approval

Address: 4th Floor, Building B, Dalang Hongyuan Industrial Zone,
Longhua Town, Bao'an District, Shenzhen City

客戶名稱 :
Product Name: 2.4G antenna Full length 40 white

客戶型號 / 廠商 :
Product Name: CI-GS01 / CinEma

產品料號 :
Part NO.: 17 cores * 0.1 * 1.6

Telephone : 0755-28176169

日期
Issued Date: 2023-12-04

地址
Address : Second Floor, Xinnuo Building, Jintai Neighborhood Committee, Xinculiao,
Longhu District, Shantou, Guangdong Province

客戶customer

研發 R&D Dept	採購 Business Dept	承認 Approved By

Chuangxin wire rod supplie

研發 R&D Dept	工程 Engineer Dept	審核 Approval



Product Specification

A. Electrical Characteristics

Frequency 2410MHz ~2470MHz

VSWR <3.0

Efficiency >20%

Impedance 50 Ohm

Gain 0.59DBi

Polarization mode: linear polarization

B. Material & Mechanical Characteristics

Material of Radiator Cu

Cable Type 1.4 white

Connector Type : NO

Dimension

C. Environmental

Operation Temperature - 30 °C ~ + 80 °C

Storage Temperature - 30 °C ~ + 85 °C

Test Equipment & Conditions

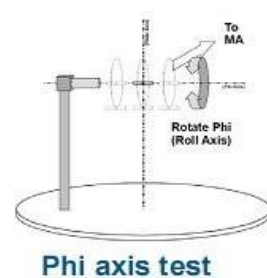
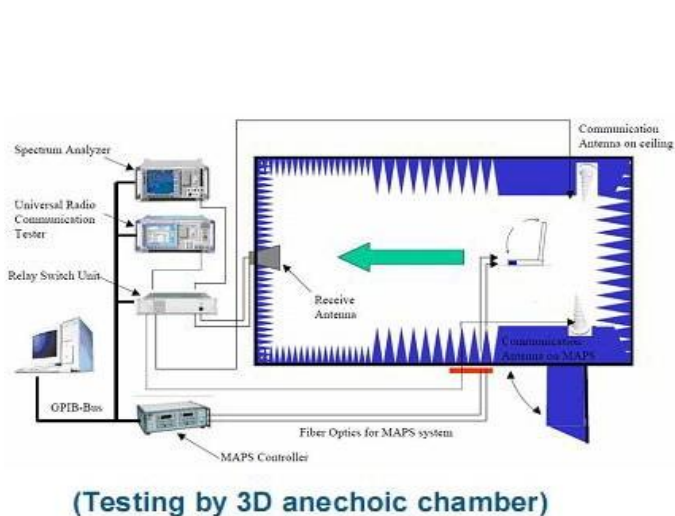
1. Network Analyzers :

Agilent 8753D 5071B

2. Communications Test Set:

Agilent E5515C

3. 3D Chamber Test System



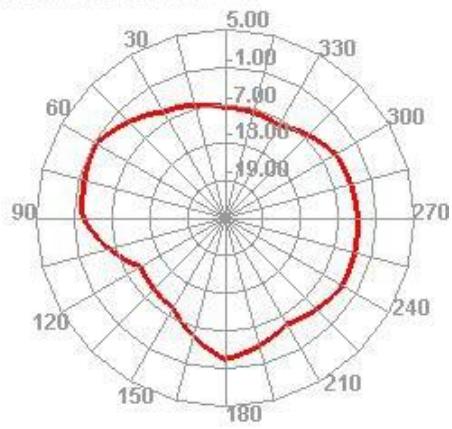
Effiency &Gain

Freq (MHz)	Effi (%)	Gain (dBi)
2410	23.19	0.38
2420	23.03	0.49
2430	22.41	0.42
2440	21.67	0.45
2450	20.24	0.52
2460	20.61	0.51
2470	21.41	0.59

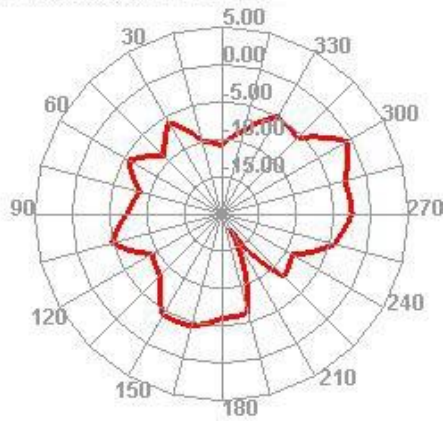
Radiation Pattern

2410-2440-2470

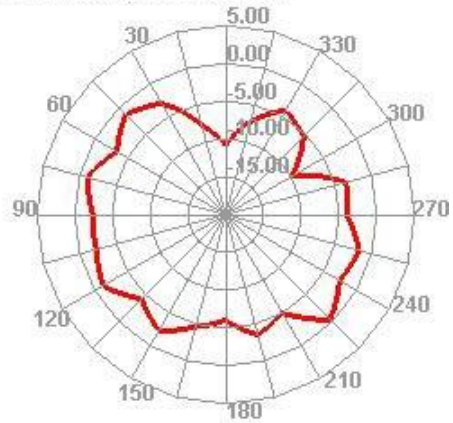
2410.000MHz H



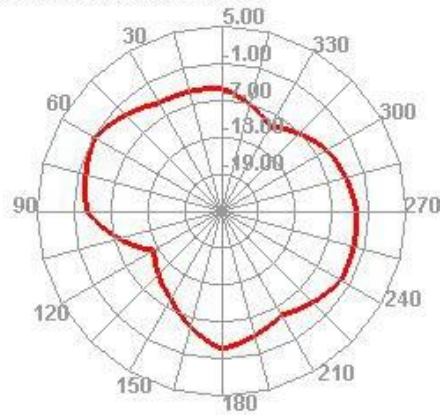
2410.000MHz E1



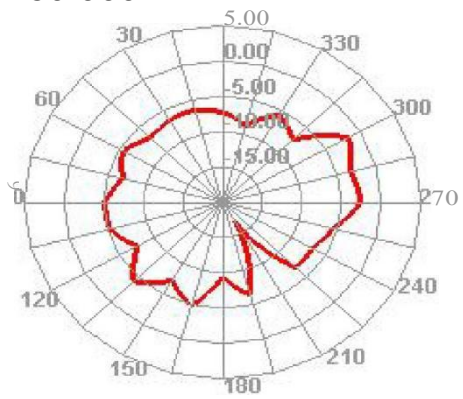
2410.000MHz E2



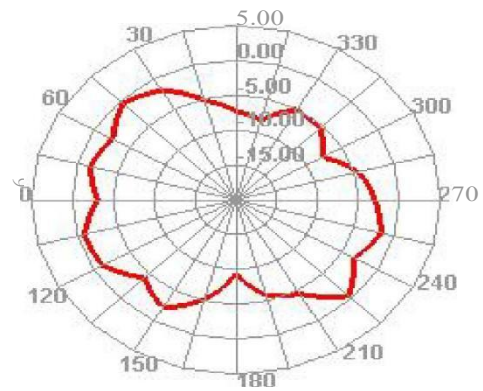
2450.000MHz H



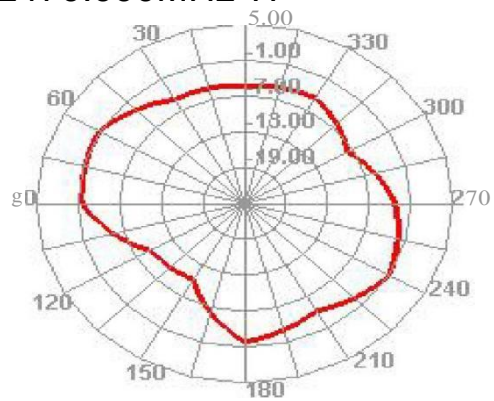
2450.000MHz E1



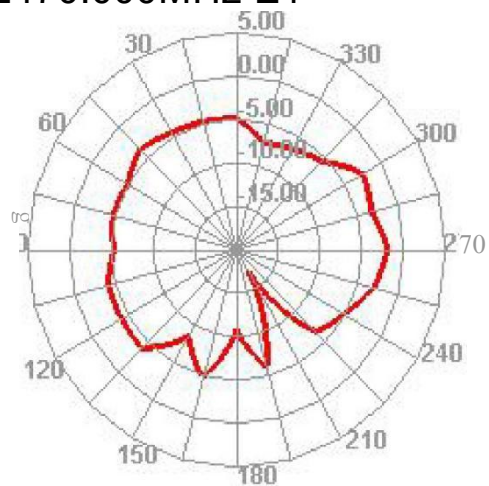
2450.000MHz E2



2470.000MHz H



2470.000MHz E1



2470.000MHz E2

