

创鑫线材天線規格承認書

Antenna Specification for Approval

制造商名稱：
Maker Name: Huayu Electronic Factory

客戶名稱：
Product Name: 2.4G 天線 全長40白色

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

產品料號：
Part NO.: 17芯 * 0.1 * 1.6

製表：
Write By: 陈玉

日期
Issued Date: 2023-12-05

地址
Address: 2F of Xinnuo Building, XincuoLiao, Longhu District, Shantou City, Guangdong

客戶customer

研發 R&D Dept	採購 Business Dept	承認 Approved By

创鑫线材supplie

研發 R&D Dept	工程 Engineer Dept	審核 Approval



Product Specification

A. Electrical Characteristics

Frequency 2400MHz ~2500MHz

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

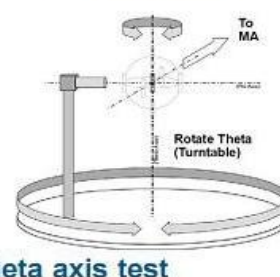
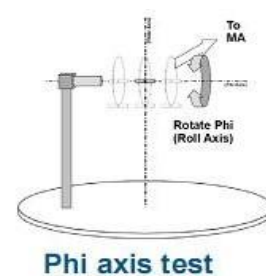
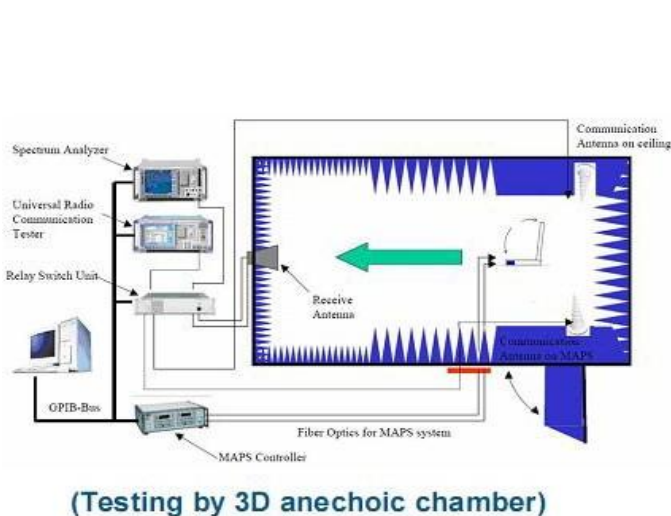
1. Network Analyzers :

Agilent 8753D 5071B

2. Communications TestSet:

Agilent E5515C

3. 3D Chamber TestSystem

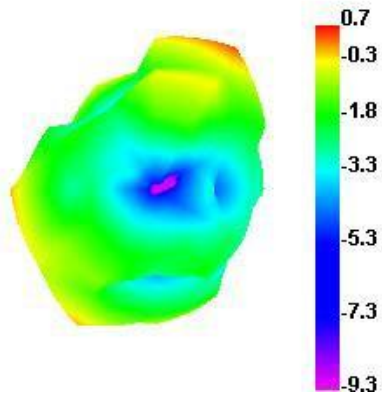


Efficiency & Gain

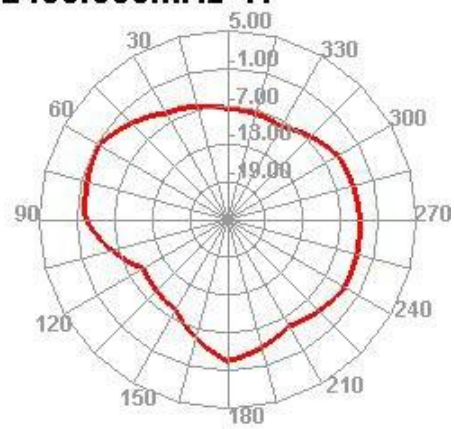
Freq (MHz)	Effi (%)	Gain (dBi)
2400	23.66	0.47
2410	23.19	0.38
2420	23.03	0.49
2430	22.41	0.42
2440	21.67	0.45
2450	20.24	0.52
2460	20.61	0.51
2470	21.41	0.59
2480	23.89	0.56
2490	26.46	0.53
2500	25.73	0.46

Radiation Pattern

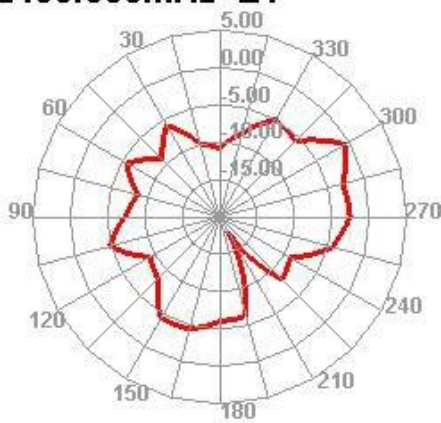
2400.000MHz



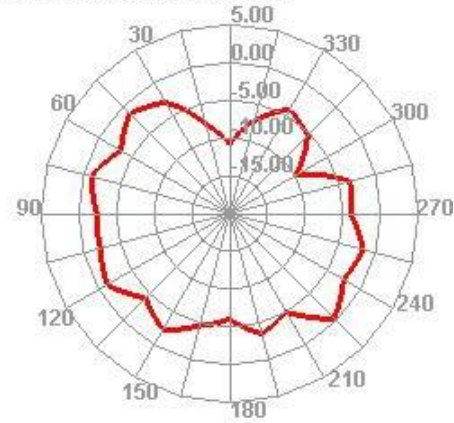
2400.000MHz H



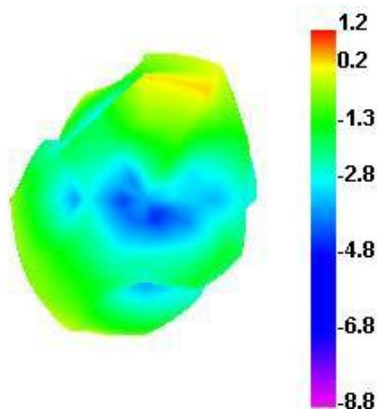
2400.000MHz E1



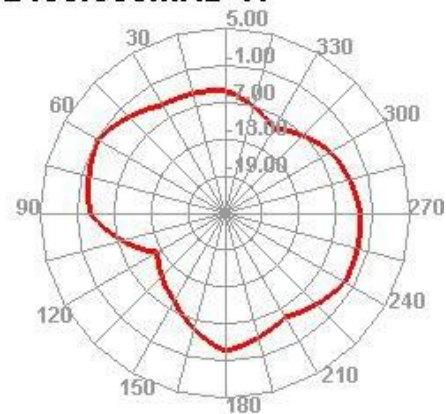
2400.000MHz E2



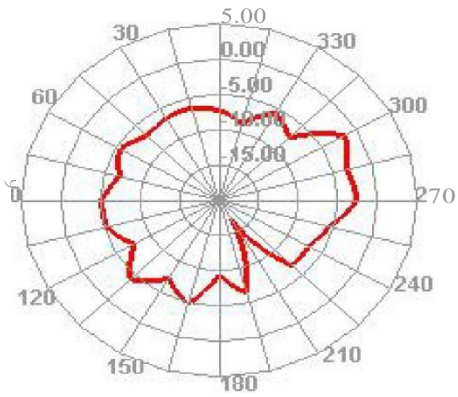
2450.000MHz



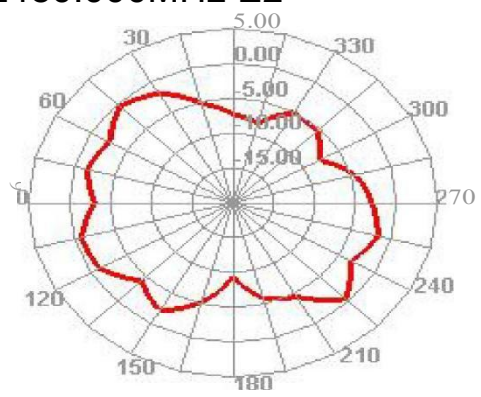
2450.000MHz H



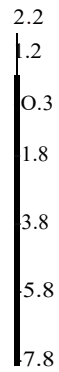
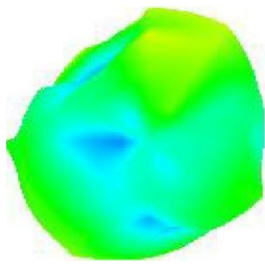
2450.000MHz E1



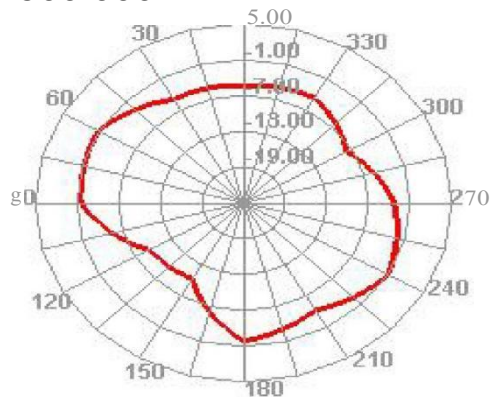
2450.000MHz E2



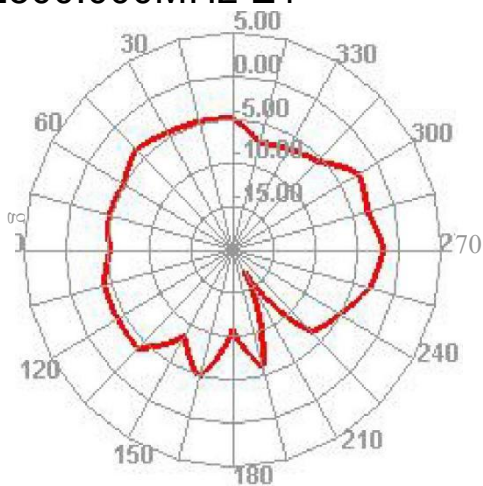
2500.000MHz



2500.000MHzH



2500.000MHz E1



2500.000MHz E2

