

Antenna Specification for Approval

Product Name: 2.4G antenna with a total length of 40 white
CI-GS01 / CinEma

Part NO. : 17 cores * 0.1 * 1.6

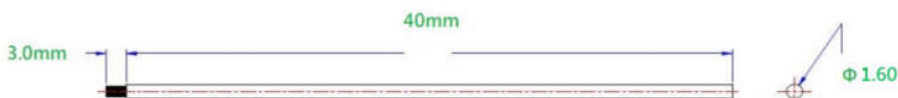
Antenna Type: Wire Antenna

Write By: Yu Chen

Issued Date: 2023-12-04

Supplie: Chuangxin Wire

Adress: 2nd Floor, Xinnuo Building, Jintai Neighborhood Committee,
Xincuo liao, Longhu District, Shantou, Guangdong Province



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

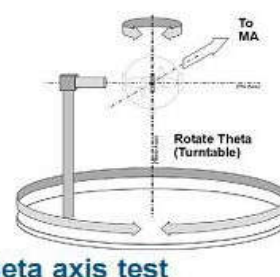
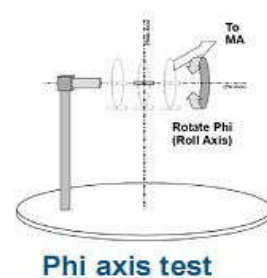
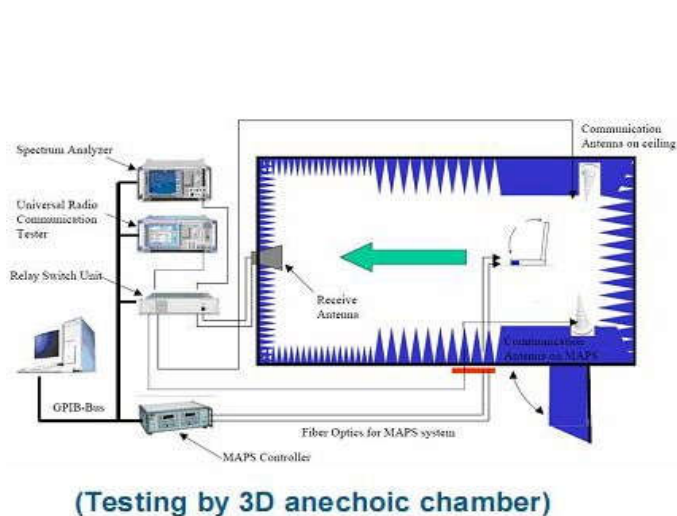
1. Network Analyzers :

Agilent 8753D 5071B

2. Communications TestSet:

Agilent E5515C

3. 3D Chamber TestSystem

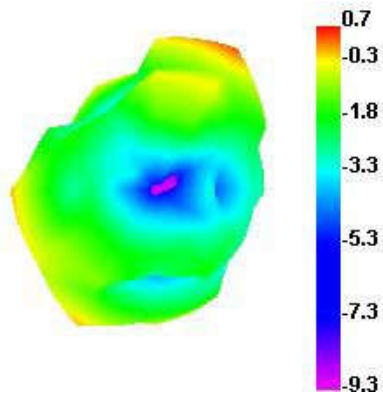


Effiency &Gain

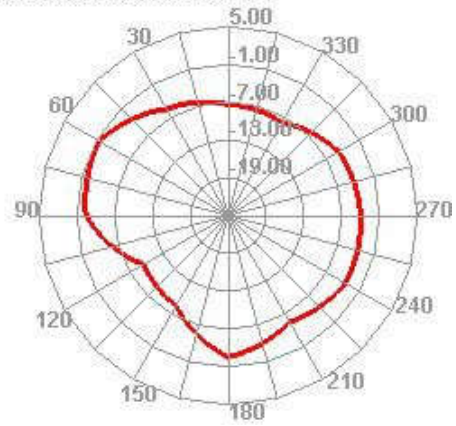
Freq (MHz)	Effi (%)	Gain (dBi)
2400	23.66	0.47
2410	23.19	0.38
2420	23.03	0.49
2430	22.41	0.42
2440	21.67	0.45
2450	20.24	0.52
2460	20.61	0.51
2470	21.41	0.59
2480	23.89	0.56
2490	26.46	0.53
2500	25.73	0.46

Radiation Pattern

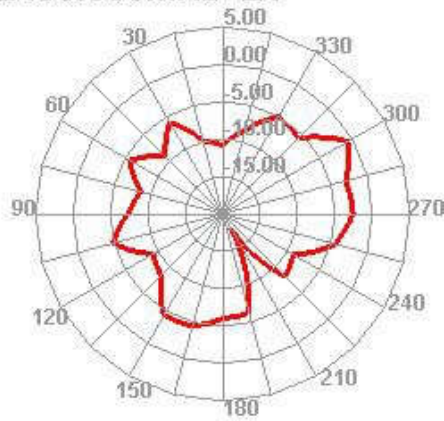
2400.000MHz



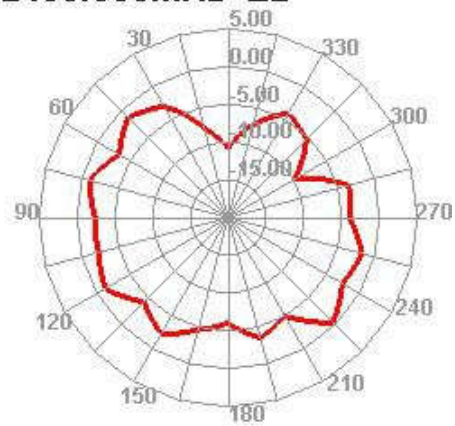
2400.000MHz H



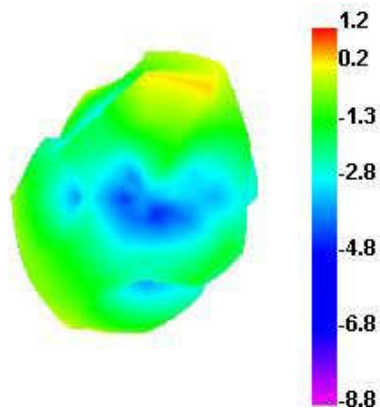
2400.000MHz E1



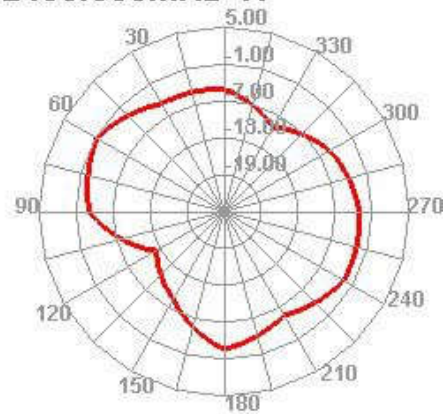
2400.000MHz E2



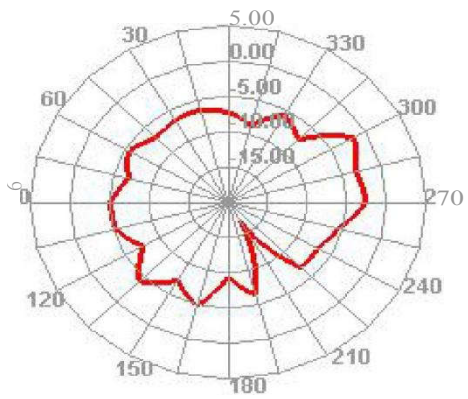
2450.000MHz



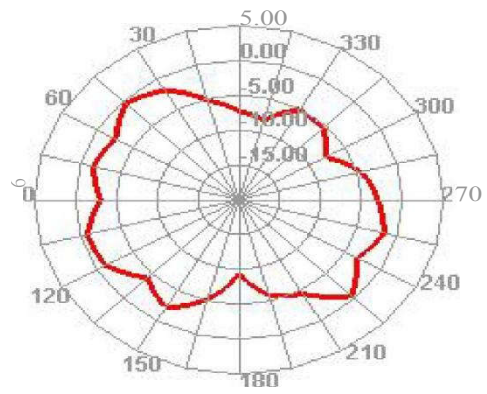
2450.000MHz H



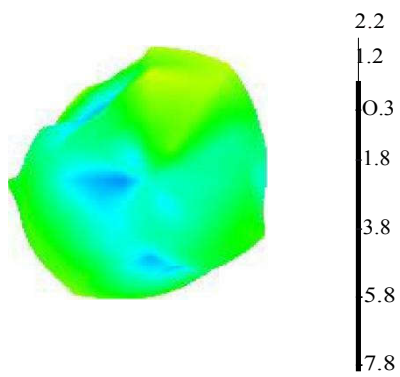
2450.000MHz E1



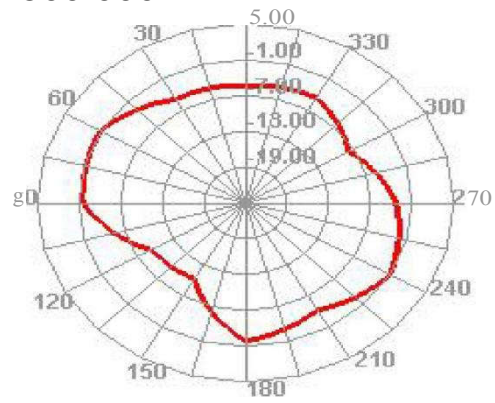
2450.000MHz E2



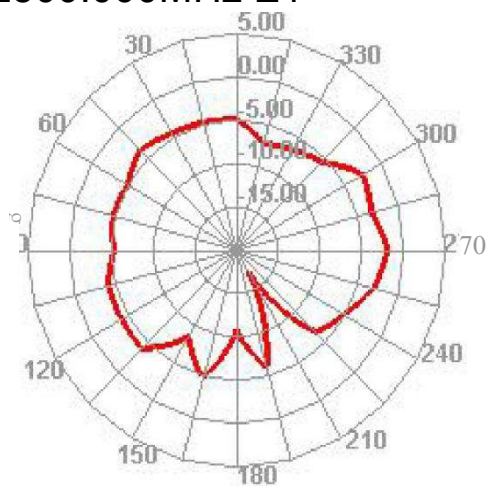
2500.000MHz



2500.000MHzH



2500.000MHz E1



2500.000MHz E2

