

创鑫线材天线规格书

Antenna Specification

Product name : 2.4G antenna, full length 40, white color.

品名 : 2.4G 天线 全长40白色

Product model: CI-GS01 / CinEma

产品型号

Part No. : 17 * 0.1 * 1.6

产品料号 : 17芯 * 0.1 * 1.6

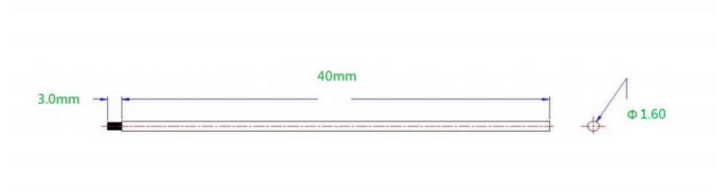
Issued Date: 2023/12/4

Antenna Manufacturer name: Shantou Chuangxin Wire Co., Ltd.

天线制造商名称: 汕头创鑫线材有限公司

Address: 2nd floor, Xinnuo Building, Xin'ouliao Jintai Residents Committee, Longhu District, Shantou City, Guangdong Province

地址: 广东省汕头市龙湖区辛厝寮金泰居委新诺楼二楼



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

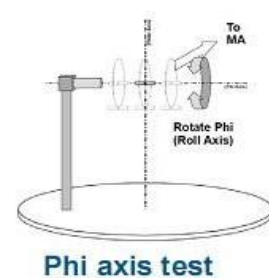
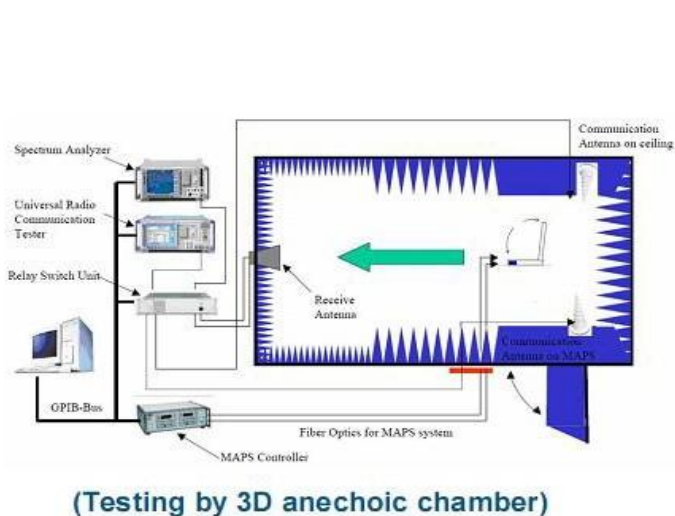
1. Network Analyzers :

Agilent 8753D 5071B

2. Communications Test Set:

Agilent E5515C

3. 3D Chamber Test System

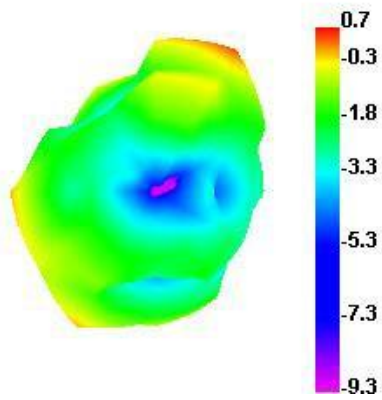


Effiency &Gain

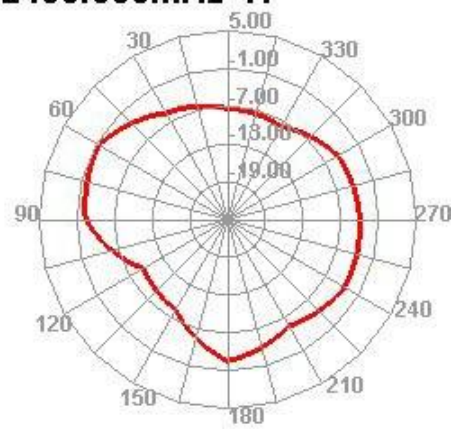
Freq (MHz)	Effi (%)	Gain (dBi)
2400	23.66	0.47
2410	23.19	0.38
2420	23.03	0.49
2430	22.41	0.42
2440	21.67	0.45
2450	20.24	0.52
2460	20.61	0.51
2470	21.41	0.59
2480	23.89	0.56
2490	26.46	0.53
2500	25.73	0.46

Radiation Pattern

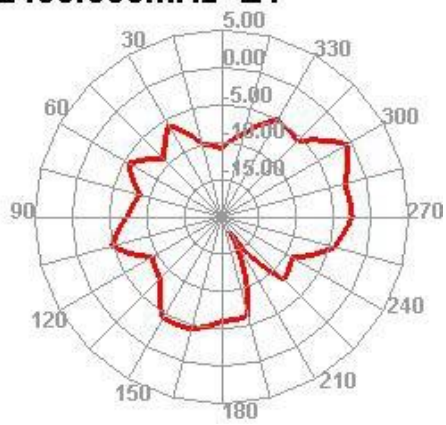
2400.000MHz



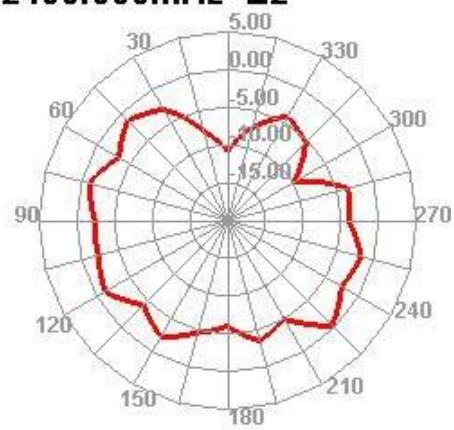
2400.000MHz H



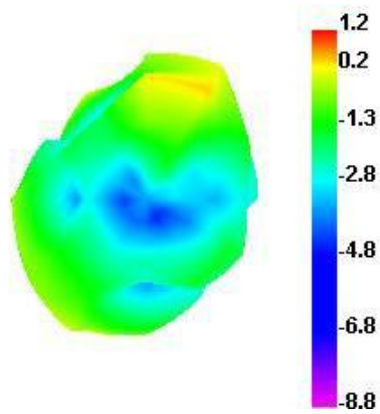
2400.000MHz E1



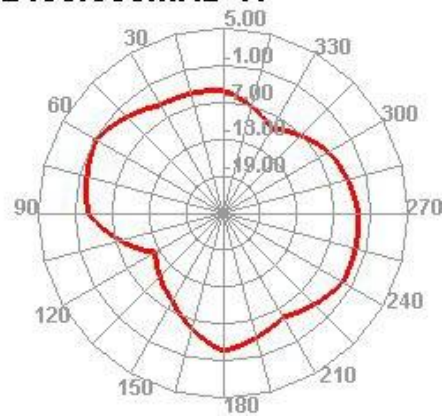
2400.000MHz E2



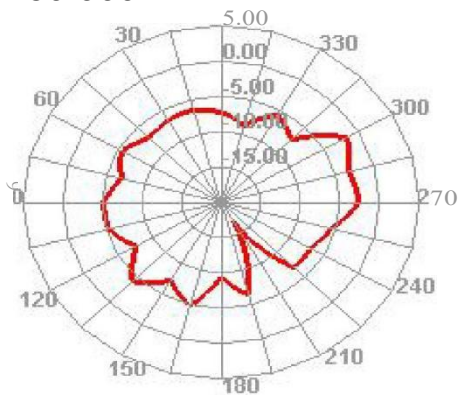
2450.000MHz



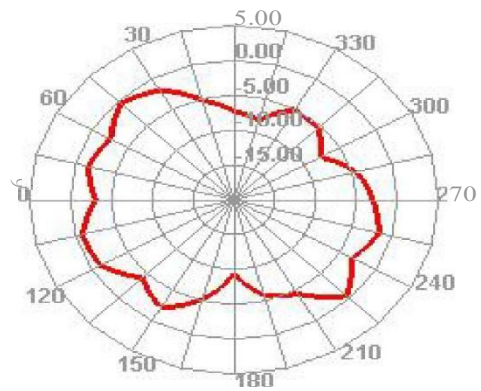
2450.000MHz H



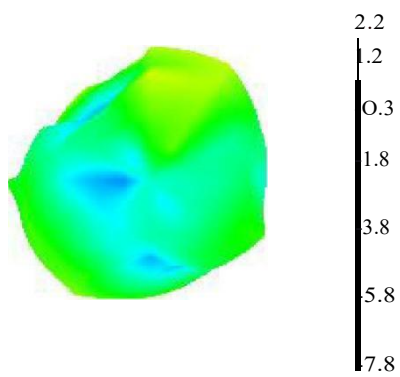
2450.000MHz E1



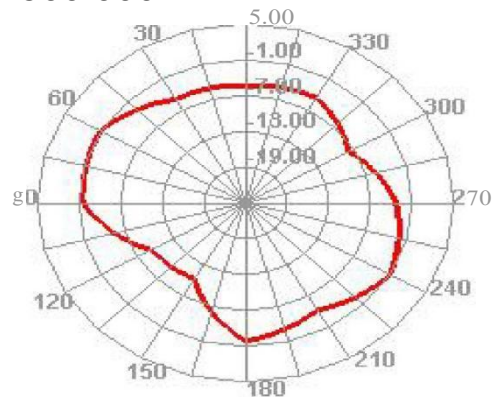
2450.000MHz E2



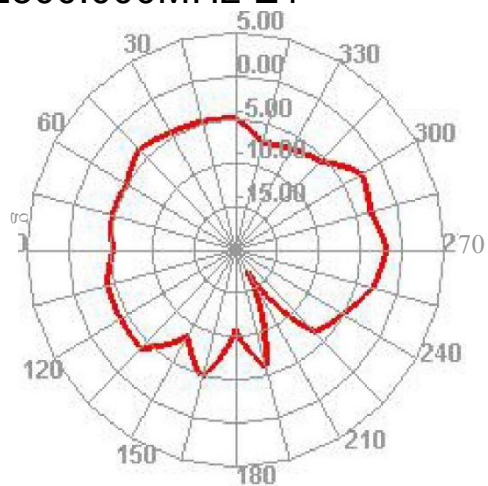
2500.000MHz



2500.000MHz H



2500.000MHz E1



2500.000MHz E2

