

易达线材天線規格承認書

Yida wire antenna specification recognition

客戶名稱：
Customer Name:

客戶名稱：
Product Name: 2.4G 天線 全長33黑色

客戶型號 / 廠商：
Product Name:

產品料號：
Part NO.: 7芯 * 0.1 * 1.2

製表：
Write By:

日期
Issued Date: 2024-03-21

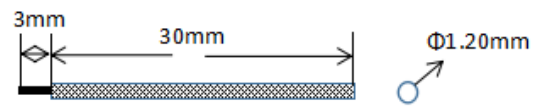
地址
Adress: 广东省汕头市澄海区上华镇蛟头叶村易达电子有限公司

客戶 customer

研發 R&D Dept	採購 Business Dept	承認 Approved By

创鑫线材Chuangxin wire rod 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 Black

Connector Type : NO

Dimension

C. Environmental

Operation Temperature - 30 ℃ ~ + 80 ℃

Storage Temperature - 30 °C ~ + 85 °C

Test Equipment & Conditions

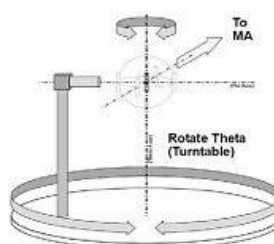
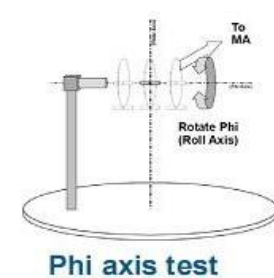
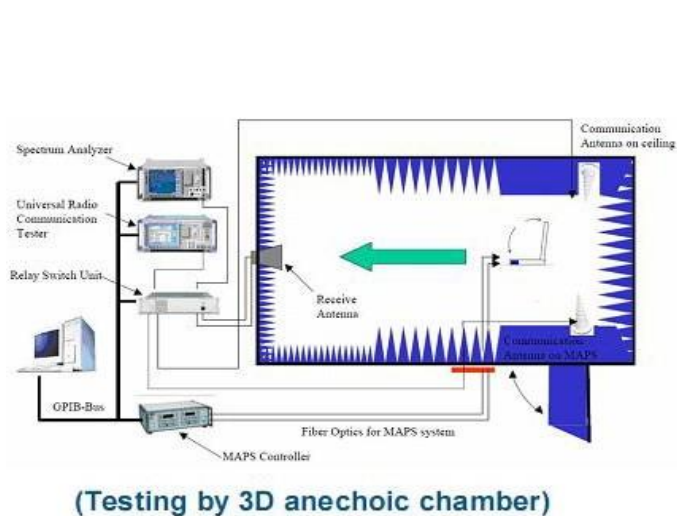
1. Network Analyzers :

Agilent 8753D 5071B

2. Communications Test Set:

Agilent E5515C

3. 3D Chamber Test System



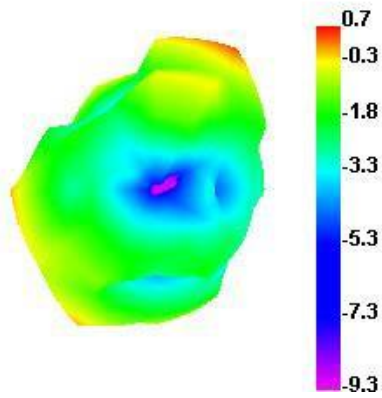
Theta axis test

Effiency &Gain

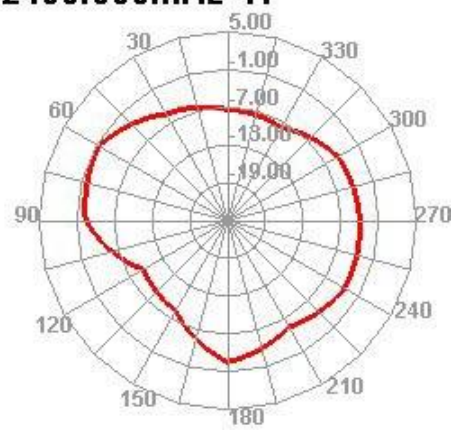
Freq (MHz)	Effi (%)	Gain (dBi)
2400	23.66	0.47
2410	23.19	0.38
2420	23.03	0.49
2430	22.41	0.42
2440	21.67	0.45
2450	20.24	0.52
2460	20.61	0.51
2470	21.41	0.59
2480	23.89	0.56
2490	26.46	0.53
2500	25.73	0.46

Radiation Pattern

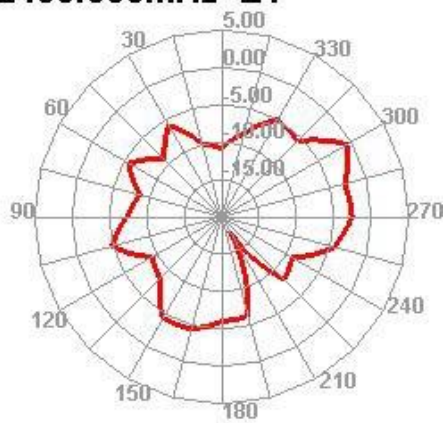
2400.000MHz



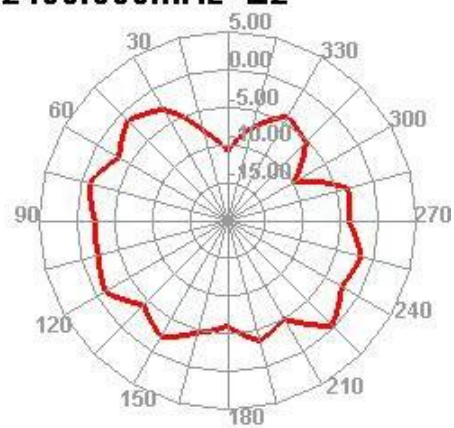
2400.000MHz H



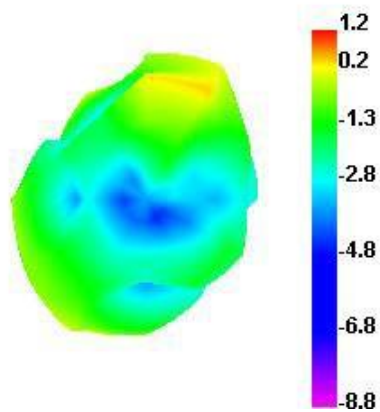
2400.000MHz E1



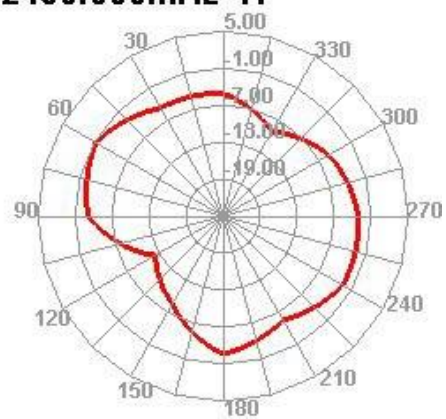
2400.000MHz E2



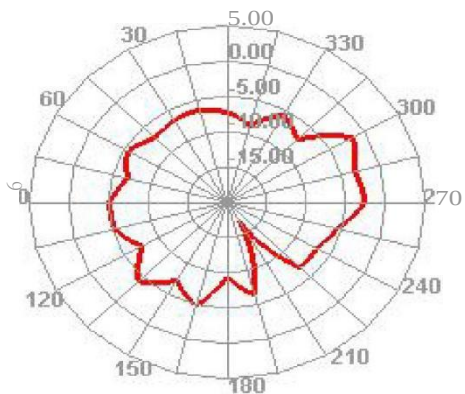
2450.000MHz



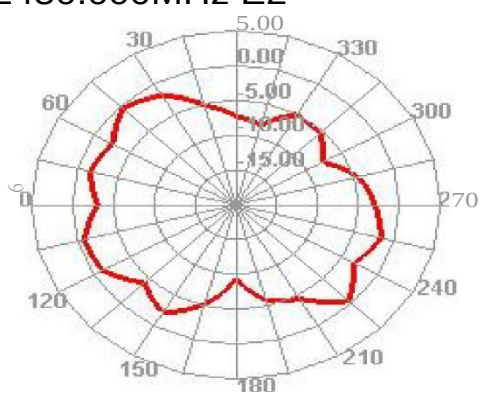
2450.000MHz H



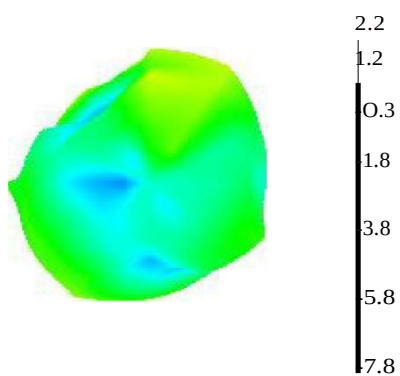
2450.000MHz E1



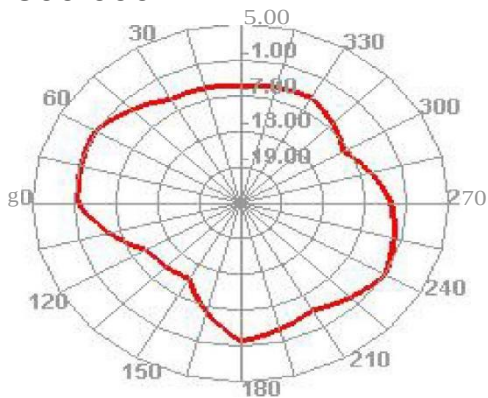
2450.000MHz E2



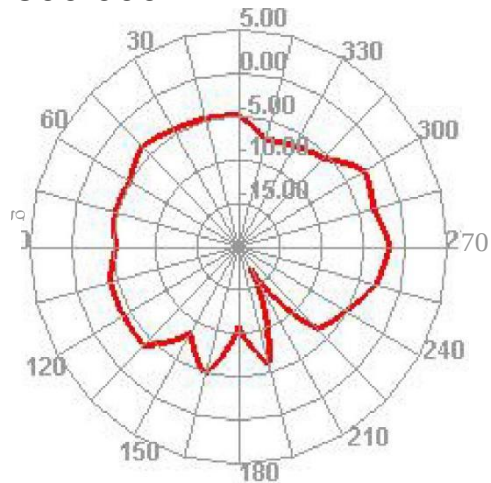
2500.000MHz



2500.000MHz H



2500.000MHz E1



2500.000MHz E2

