

# Antenna Specification for Approval

Manufacturer: GuangDong XinYu Technology Industrial Co.,Ltd

Address: Laimei Industrial zone, Chenghai District, Shantou, Guangdong, China

Product Name: 2.4G天线 全长35mm白色

客户型号:

Product Name: \_\_\_\_\_

产品料号:

Part NO.: C10-35-2.5

制 表:

Write By: 

日 期:

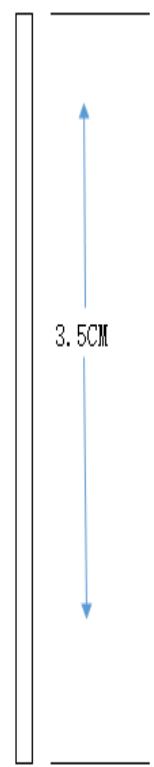
Issued Date: 2022-3-20

## 客 户:

工程R&D Dept	采购Business Dept	承认 Approved By

新鹏达

研发R&D Dept	工程 Engineer Dept	审核 Approval



# Product Specification

## A. Electrical Characteristics

Frequency 2400MHz ~2500MHz

VSWR <3.0

Efficiency >30%

Impedance 50 Ohm

Polarization Line

Gain 0.17dBi

## B. Material & Mechanical Characteristics

Material of Radiator Cu

Cable Type 1.0 19P 黑色

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

# Efficiency & Gain

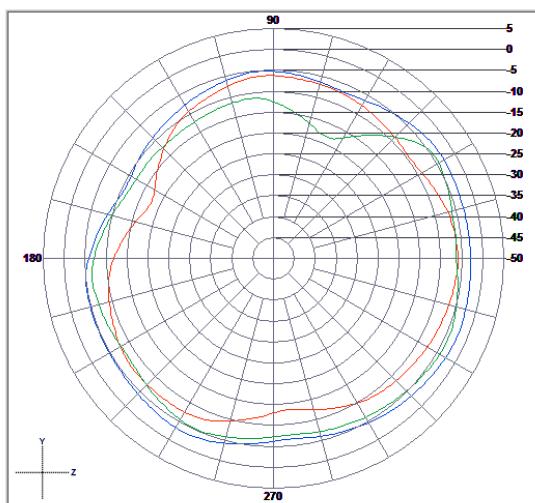
## Efficiency & Gain

2.40 -2.17dBi

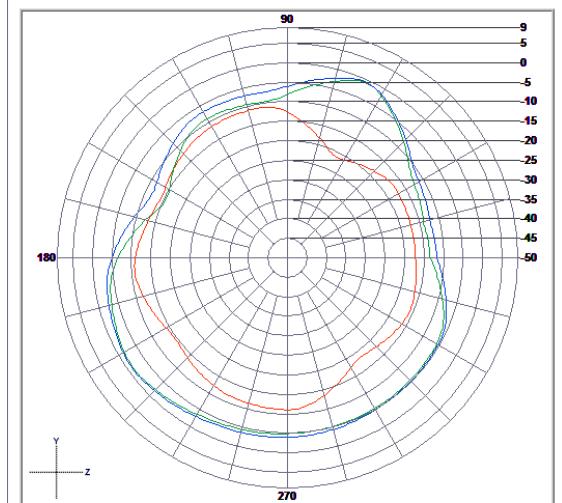
2.440 0.12dBi

2.48 0.17dBi

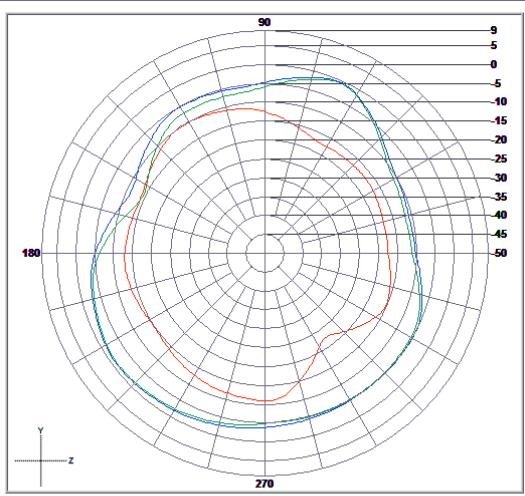
## Radiation Pattern:



	Vertical	Horizontal	Total
Avg. Gain	-8.4	-6.99	-4.63
Peak Gain	-5.48	-3.77	-2.17



	Vertical	Horizontal	Total
Avg. Gain	-13.34	-5.06	-4.46
Peak Gain	-10.3	0.09	0.12



	Vertical	Horizontal	Total
Avg. Gain	-13.42	-4.6	-4.06
Peak Gain	-9.47	0.1	0.17

