

LXH

Antenna Specification for Approval

Customer Name:

Product Name: 2.4G antenna 35mm white

Product Name:

Part NO. : 19PIN*0.12*1.4PVC

Write By:

Issued Date: FEB-15-2023

Customer:

R&D Dept	Business Dept	Approved By

LXH

R&D Dept	Engineer Dept	Approval

Product Specification

A. Electrical Characteristics

Frequency: 2400MHz ~2500MHz

VSWR: <3.0

Efficiency: >30%

Impedance: 50 Ohm

Polarization Line

Gain: 0.14DBi

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

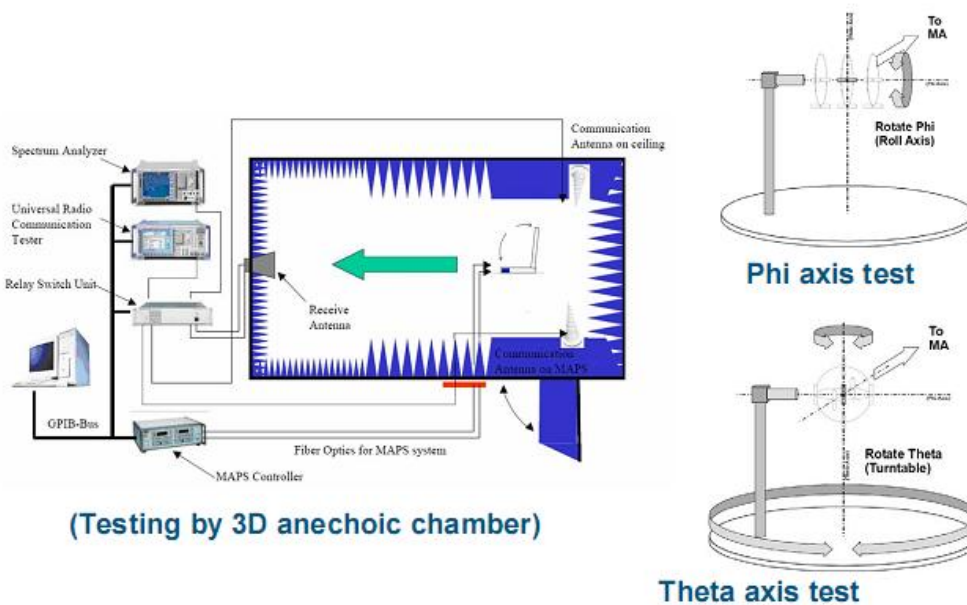
1. Network Analyzers :

Agilent 8753D 5071B

2. Communications Test Set:

Agilent E5515C

3. 3D Chamber Test System

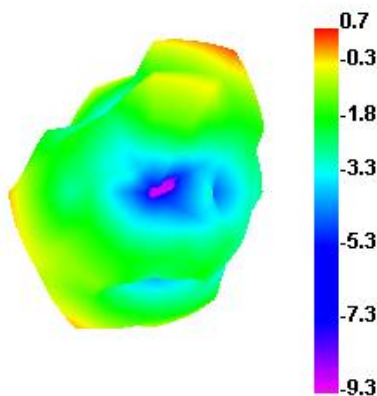


Efficiency &Gain

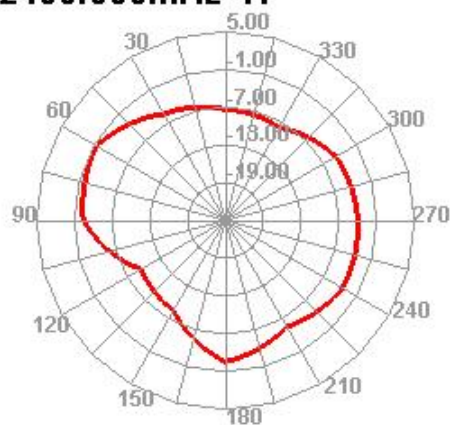
2.40	-0.95
2.450	0.12
2.50	0.14

Radiation Pattern:

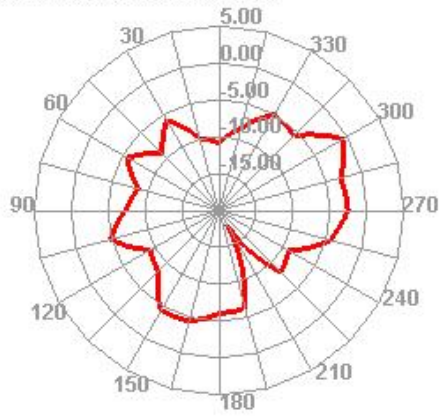
2400.000MHz



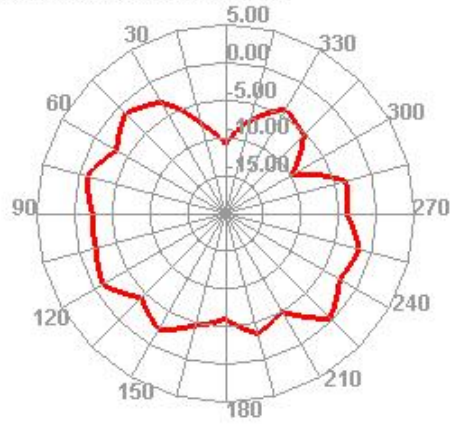
2400.000MHz H



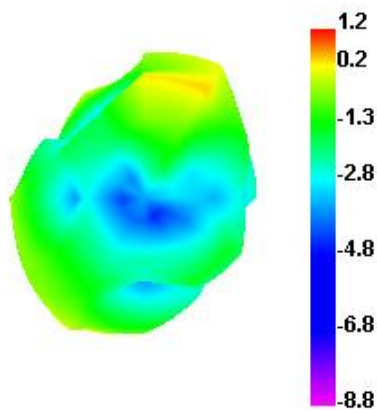
2400.000MHz E1



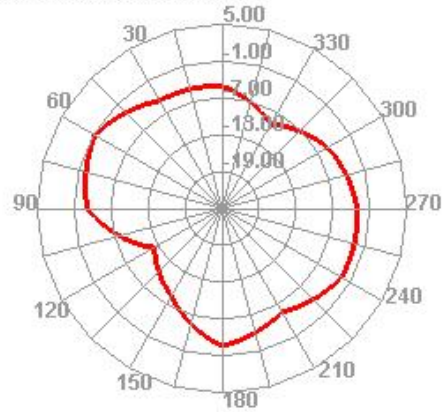
2400.000MHz E2



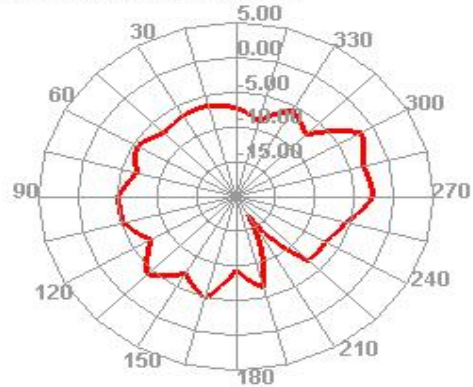
2450.000MHz



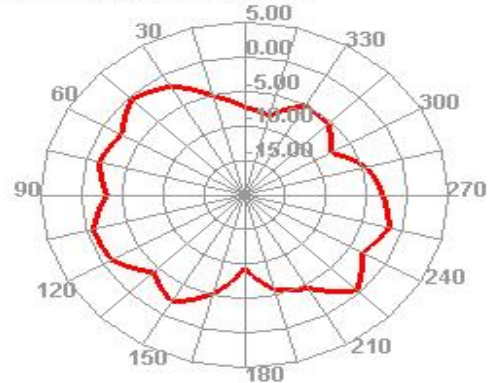
2450.000MHz H



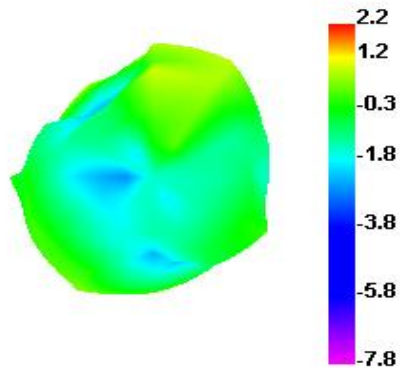
2450.000MHz E1



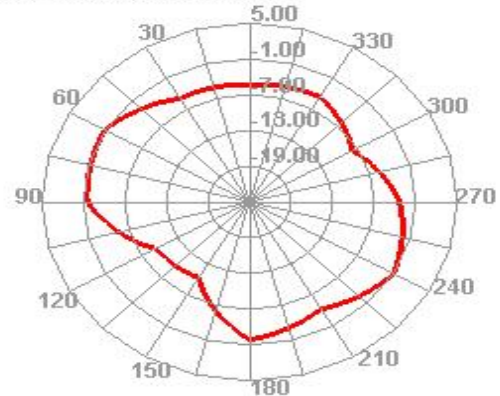
2450.000MHz E2



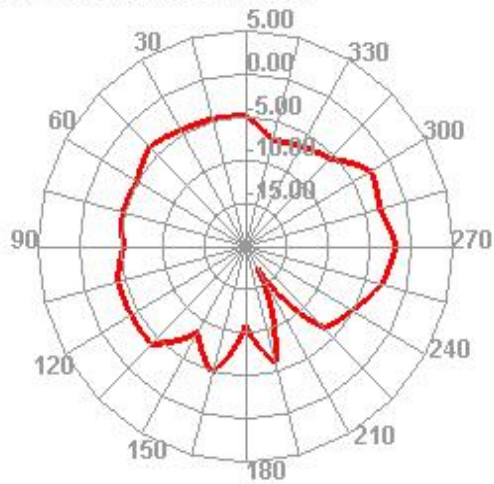
2500.000MHz



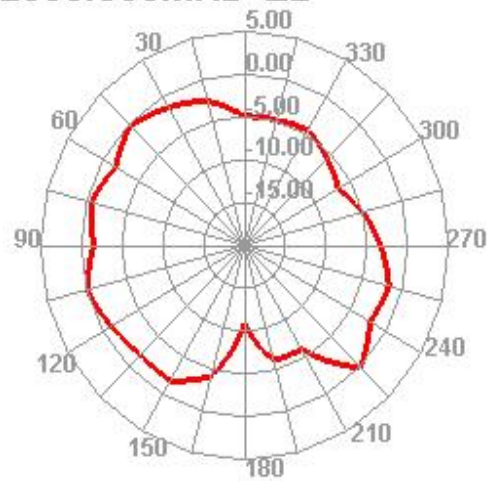
2500.000MHz H



2500.000MHz E1



2500.000MHz E2



Manufacturer : Dongzhen Electronics Factory, Longhu District, Shantou City

Company address: Building 2, Upper Lane 1, Jinfeng North Street, Jinfeng Neighborhood Committee, Xinjin Street, Longhu District, Shantou City

