

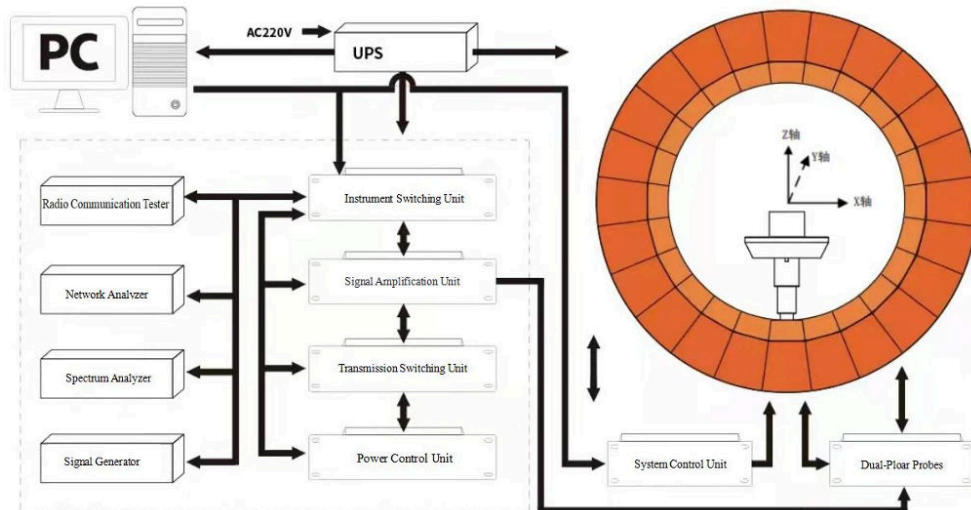
## 1. 概述

|                |                                     |
|----------------|-------------------------------------|
| Product Name   | 表贴调光模组                              |
| Product model  | 表贴调光模组                              |
| Antenna Type   | PCB Antenna                         |
| Test Items     | Gain; Efficiency; Radiation Pattern |
| Test Frequency | 2400-2500MHz                        |
| Test Standard  | ANSI/IEEE Std 149-1979              |

## 2. 测试环境

|                            |       |
|----------------------------|-------|
| Temperature (°C)           | 25    |
| Humidity (%RH)             | 60    |
| Atmospheric Pressure (kPa) | 100.5 |

## 3. 测试拓扑



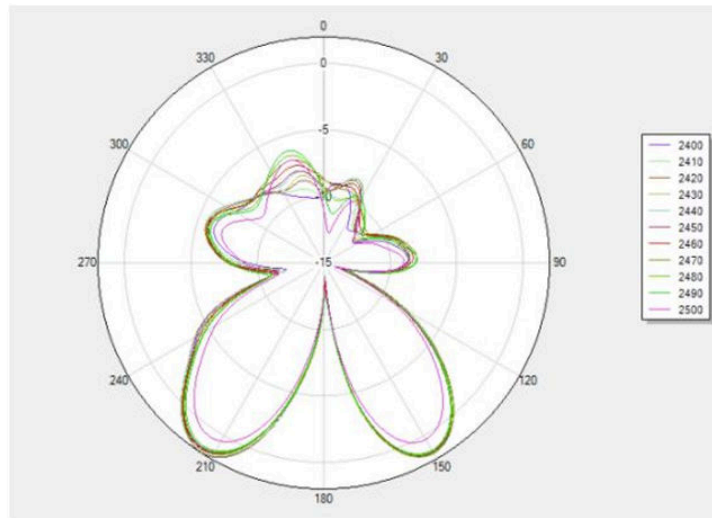
## 4. 测试结果

- 天线增益和效率

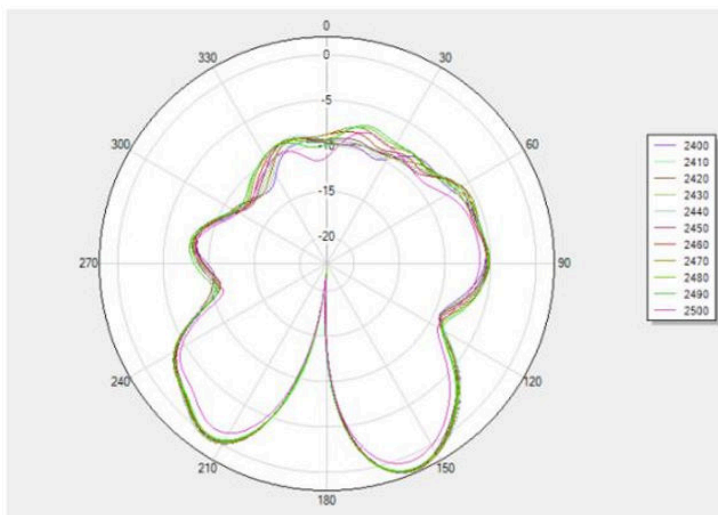
| Frequency(MHz) | PeakGain(dBi) | Efficiency(%) |
|----------------|---------------|---------------|
| 2400           | 2.11          | 32.36         |
| 2410           | 2.18          | 32.3          |
| 2420           | 2.21          | 32.1          |
| 2430           | 2.06          | 32.4          |
| 2440           | 2.07          | 32.9          |
| 2450           | 1.91          | 30.8          |
| 2460           | 2.04          | 30.9          |
| 2470           | 2.09          | 30.7          |
| 2480           | 1.91          | 31.6          |
| 2490           | 1.98          | 30.6          |
| 2500           | 1.03          | 30.5          |

- 天线方向图

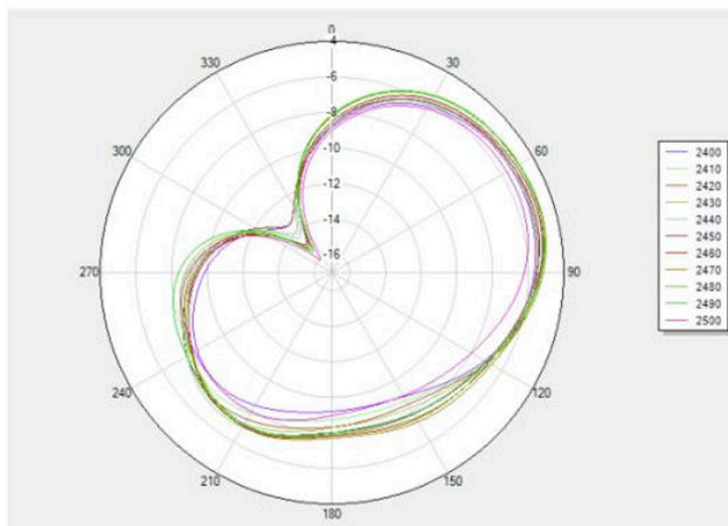
Phi 0 2D



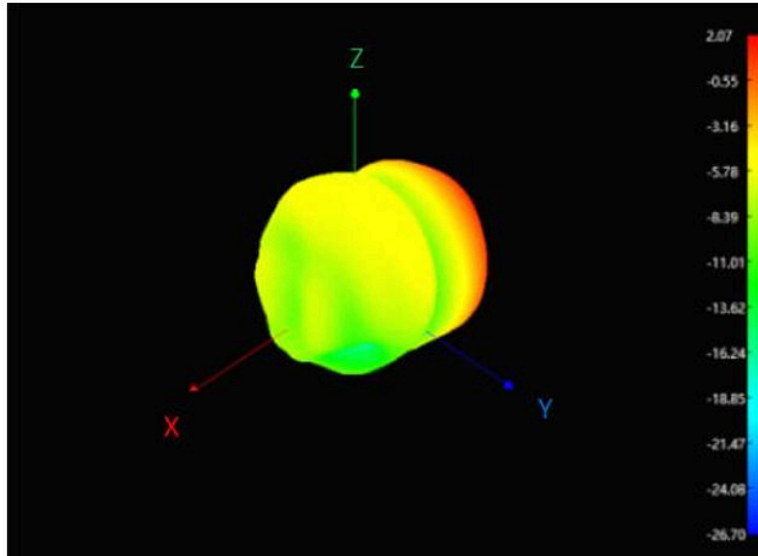
Phi 90 2D



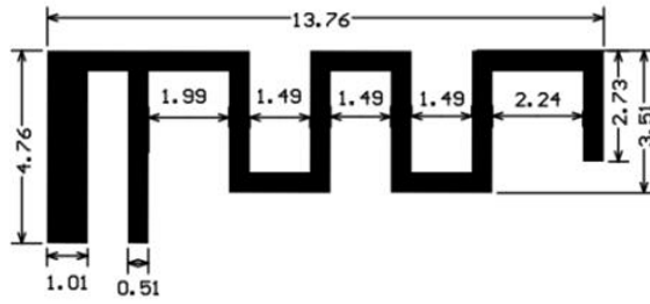
Theta 90 2D



2440MHz 3D



## 5. 天线尺寸



说明：单位 mm