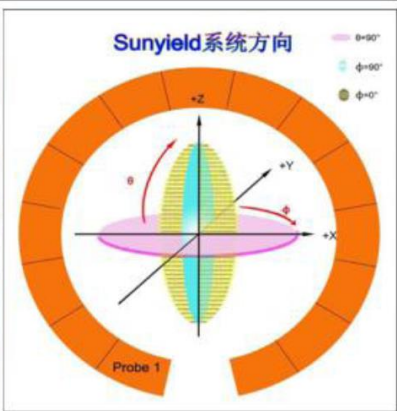


1、Test Environment

Test Environment

SY-16M Test System



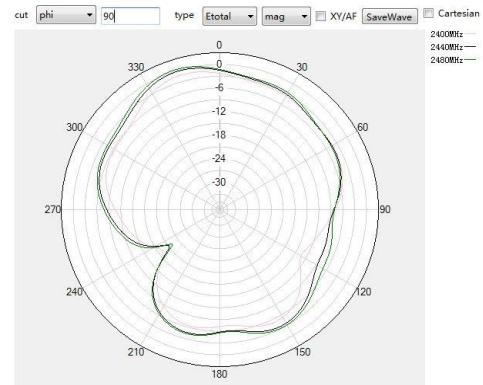
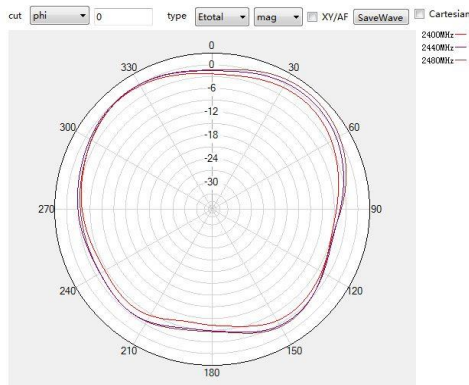
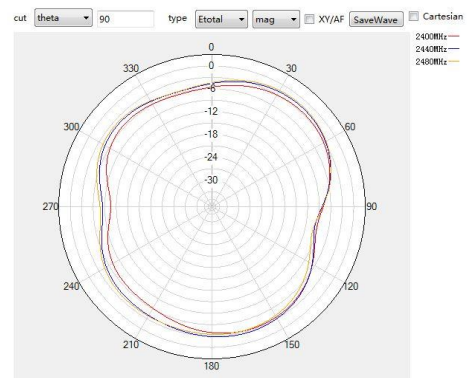
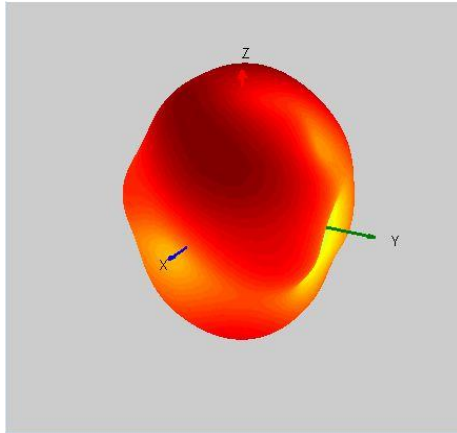


2、Antenna Spec

| Parameter       | Value         |
|-----------------|---------------|
| Frequency Range | 2.4 ~ 2.5 GHz |
| Antenna Gain    | 1.3 dBi       |
| Antenna Type    | PCB Antenna   |

### 3、Test Result

#### 4.1 Passive Test



| Gain & Efficiency |            |                 |                |
|-------------------|------------|-----------------|----------------|
| Frequency (MHz)   | Gain (dBi) | Efficiency (dB) | Efficiency (%) |
| 2400              | -0.13      | -4.20           | 38.02          |
| 2410              | -0.08      | -3.93           | 40.42          |
| 2420              | -0.07      | -3.72           | 42.44          |
| 2430              | 0.05       | -3.70           | 42.68          |
| 2440              | 0.37       | -3.57           | 43.94          |
| 2450              | 0.59       | -3.57           | 43.97          |
| 2460              | 1.08       | -3.35           | 46.22          |
| 2470              | 1.27       | -3.19           | 47.93          |
| 2480              | 1.25       | -3.28           | 47.01          |
| 2490              | 1.30       | -3.24           | 47.42          |
| 2500              | 1.29       | -3.21           | 47.72          |
| MIN               | -0.13      | -4.20           | 38.02          |
| MAX               | 1.30       | -3.19           | 47.93          |
| AVG               | 0.63       | -3.54           | 44.34          |