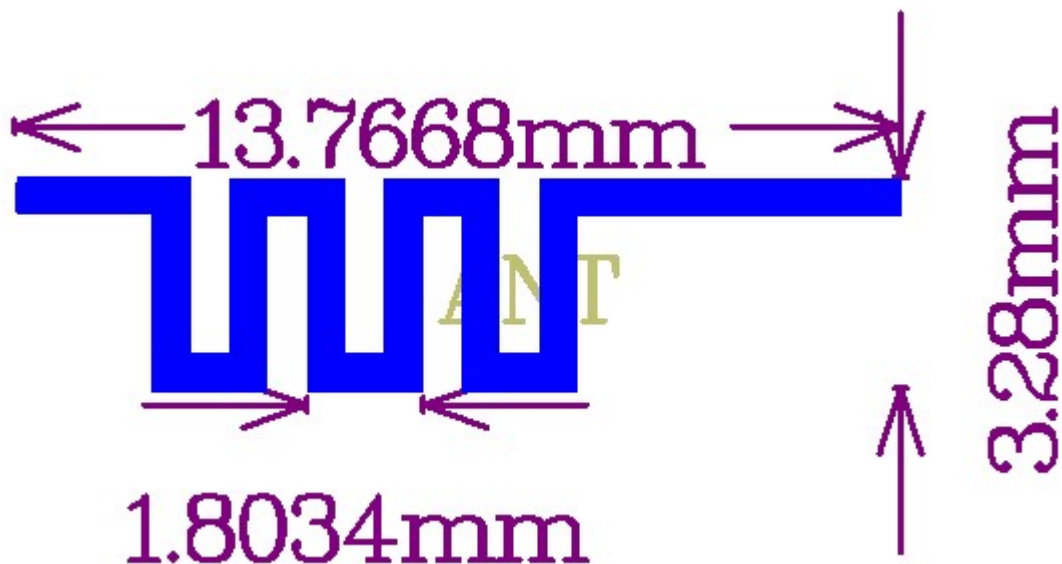


# Antenna Specification

## Specifications

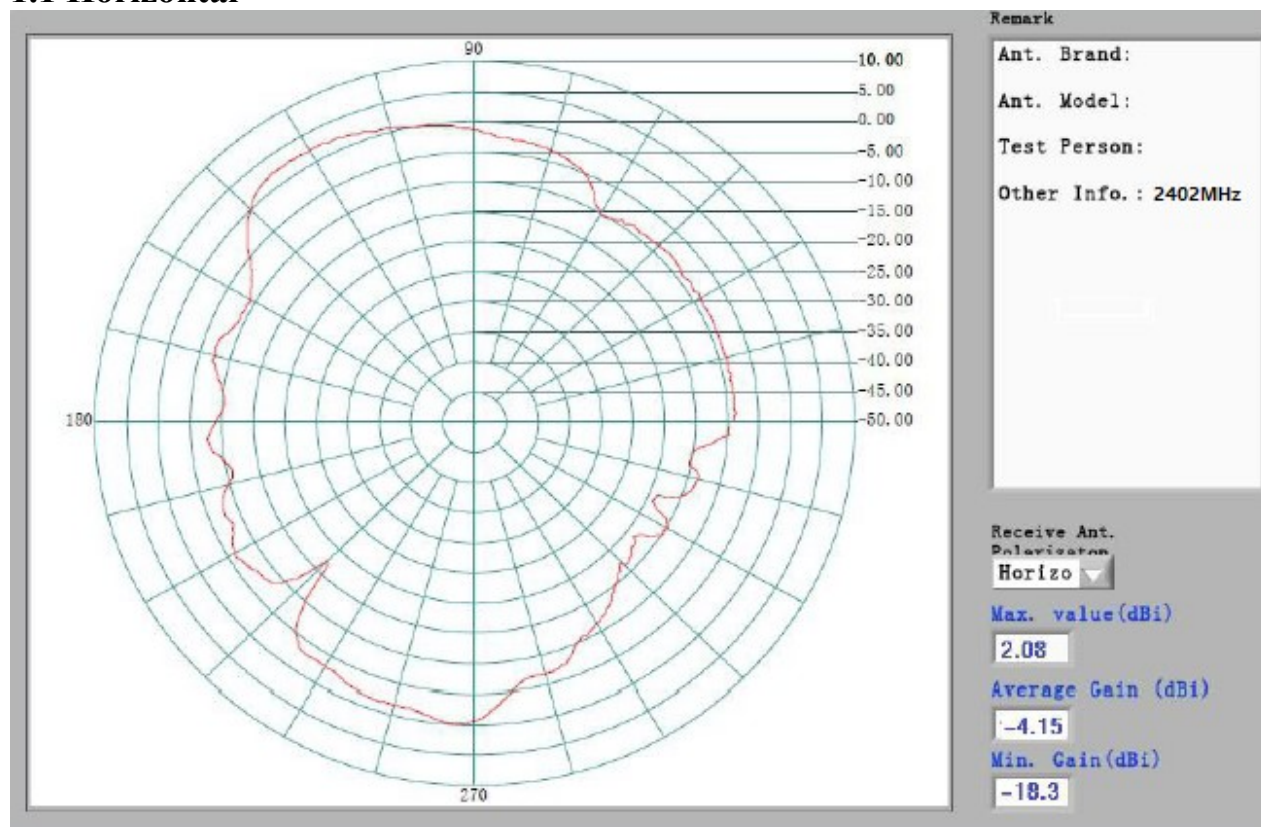
| ITEM                 | SPEC.            |          |
|----------------------|------------------|----------|
| Model Name           | IBM 2.4 GHz      |          |
| Center Frequency     | 2402 MHz         | 2.08 dBi |
|                      | 2440 MHz         | 1.83 dBi |
|                      | 2480 MHz         | 1.15 dBi |
| MAX. GAIN            | 2.08dBi          |          |
| Polarization         | Horizontal       |          |
| Azimuth Beam Pattern | Omni-directional |          |
| Impedance            | 50 $\Omega$      |          |
| Antenna Length       | 13.7668mm        |          |

## Antenna Photo & Length

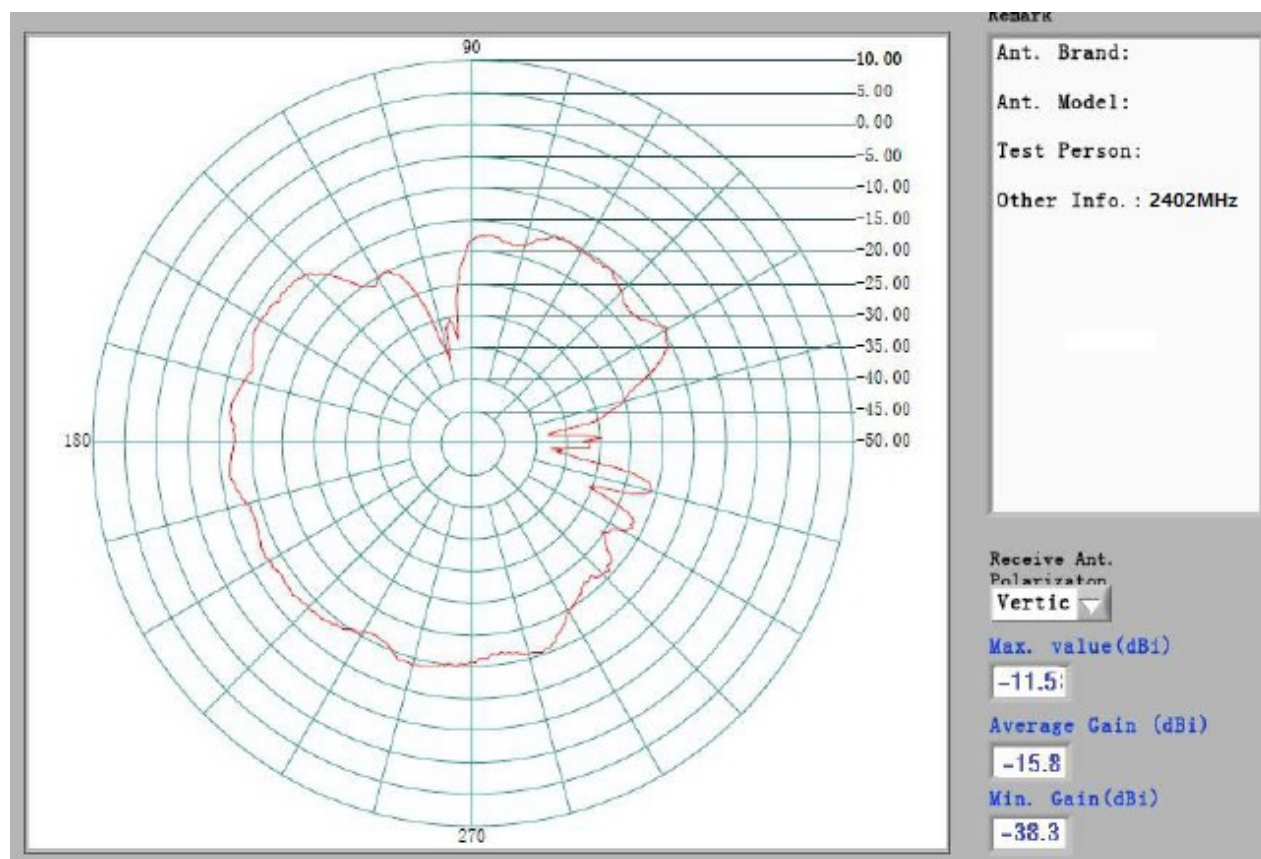


## 1. Main antenna : 2402 MHz

### 1.1 Horizontal

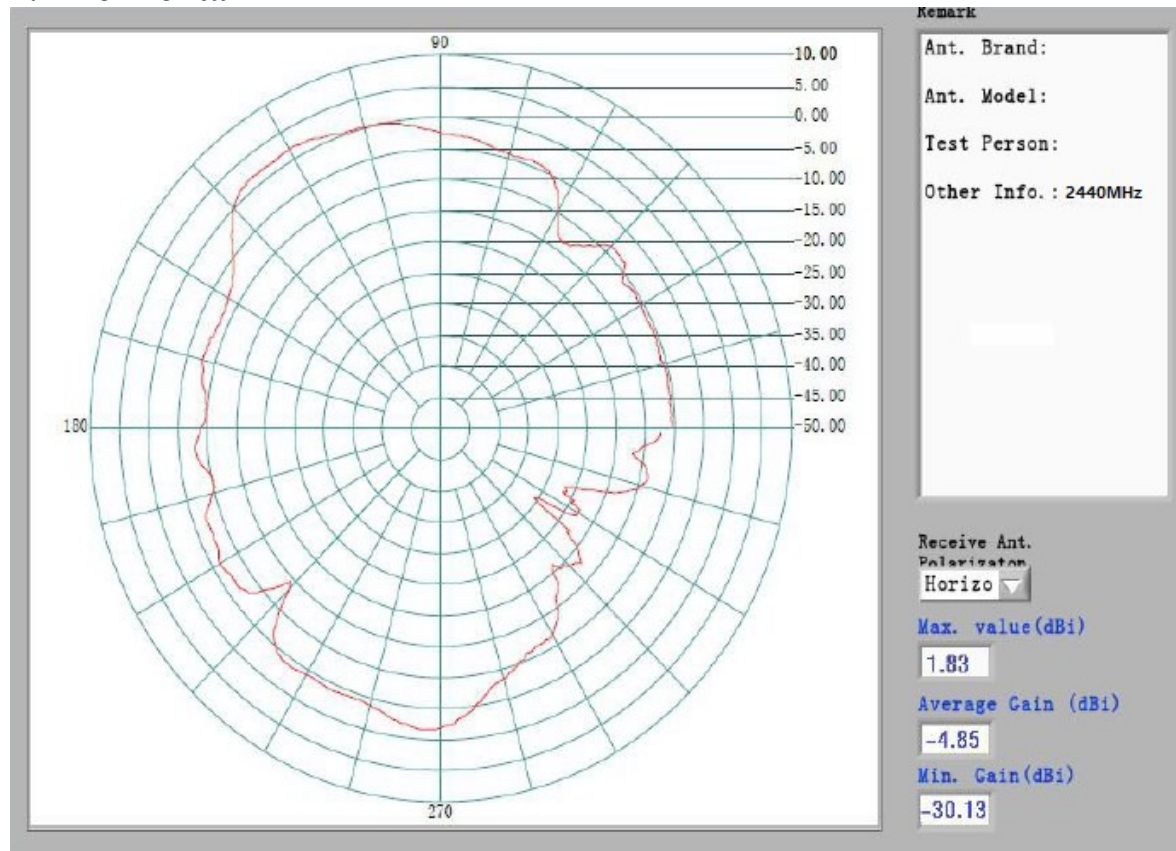


### 1.2 Vertical

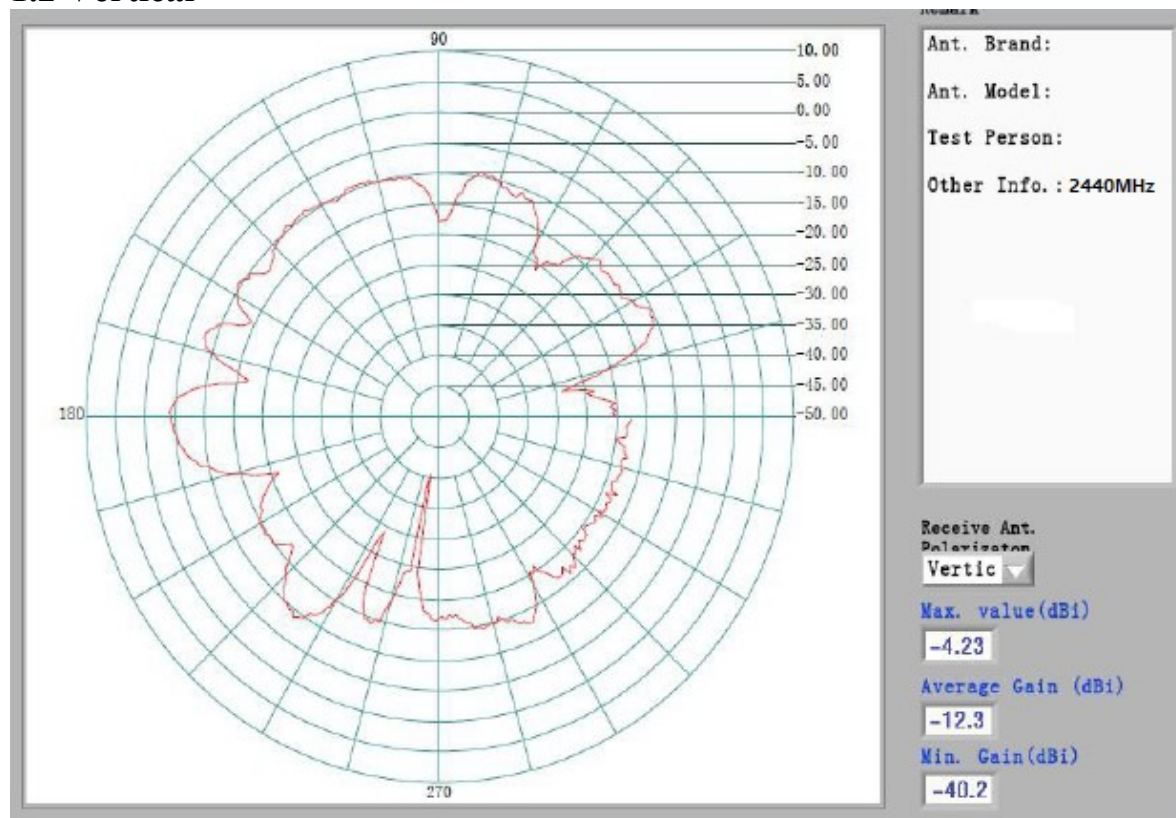


## 2. Main antenna : 2440 MHz

### 2.1 Horizontal

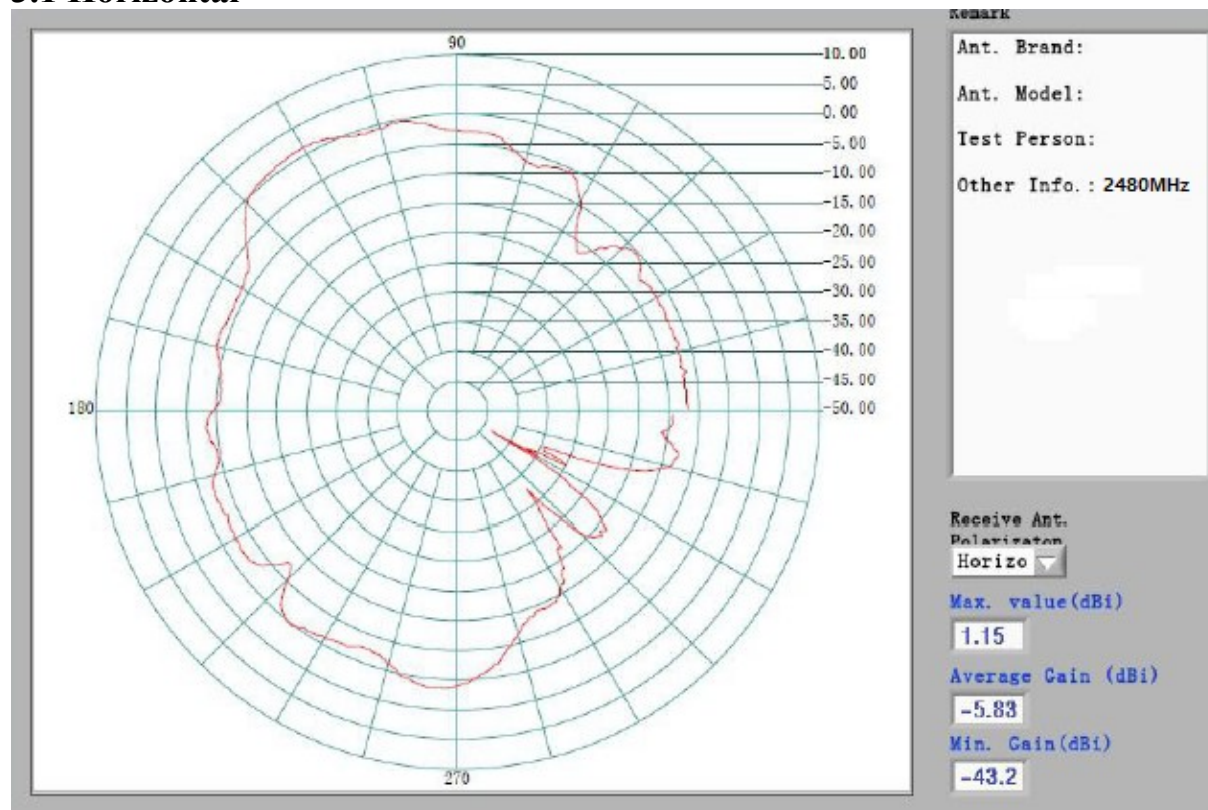


### 1.2 Vertical

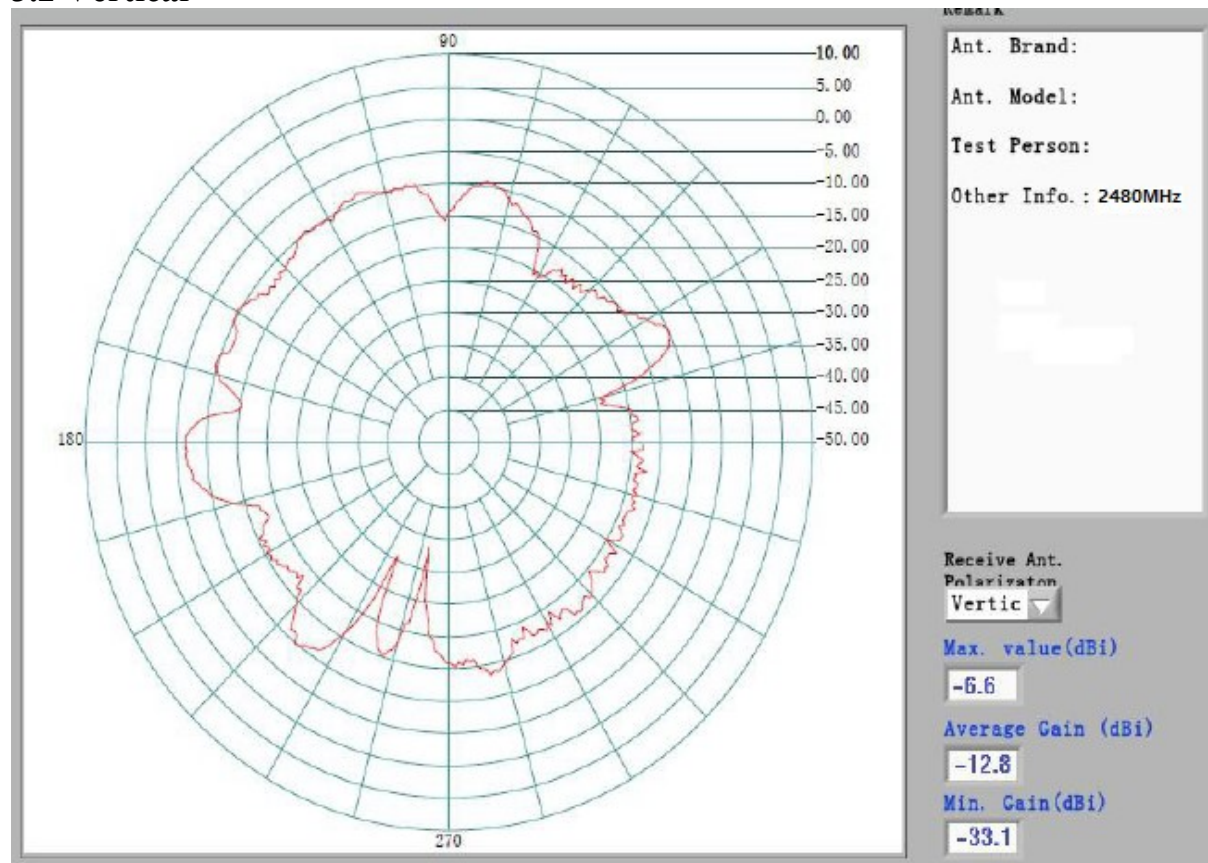


### 3. Main antenna : 2480 MHz

#### 3.1 Horizontal



#### 3.2 Vertical



4. Result

| Center Frequency | Maximum Ant Gain |           |
|------------------|------------------|-----------|
| 2402 MHz         | H                | 2.08 dBi  |
|                  | V                | -11.5 dBi |
| 2440 MHz         | H                | 1.83 dBi  |
|                  | V                | -4.23dBi  |
| 2480 MHz         | H                | 1.15 dBi  |
|                  | V                | -6.6 dBi  |