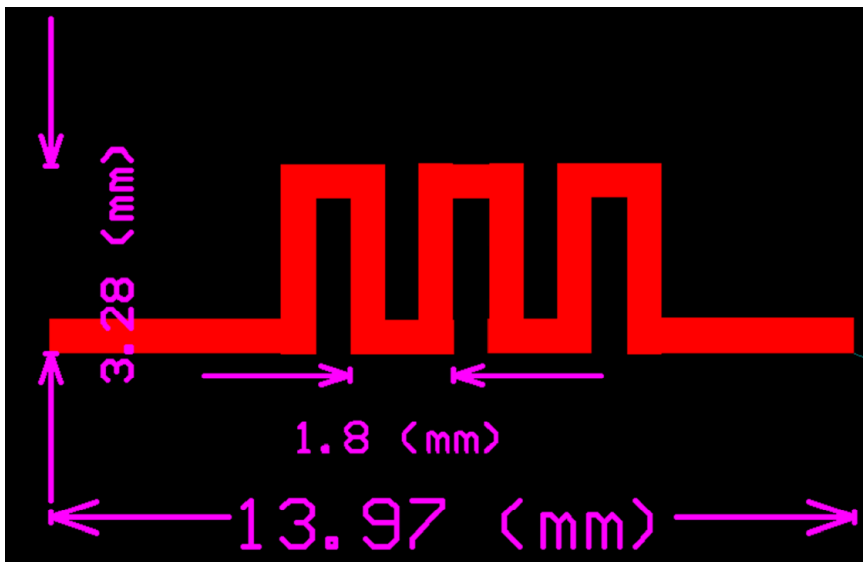


Antenna Specification

Specifications

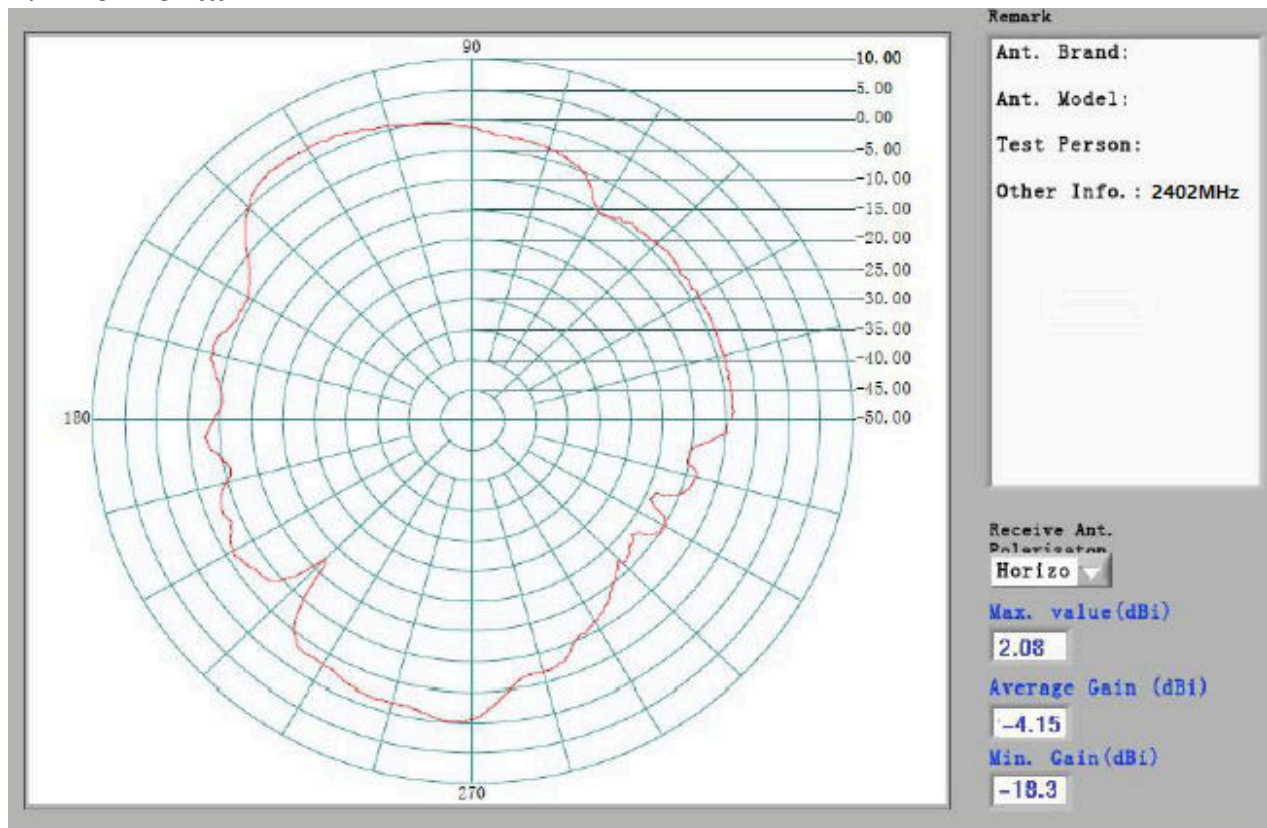
| ITEM | SPEC. | |
|----------------------|------------------|----------|
| Model Name | IBM 2.4 GHz | |
| Center Frequency | 2402 MHz | 2.08 dBi |
| | 2440 MHz | 1.83 dBi |
| | 2480 MHz | 1.15 dBi |
| MAX. GAIN | 2.08dBi | |
| Polarization | Horizontal | |
| Azimuth Beam Pattern | Omni-directional | |
| Impedance | 50 Ω | |
| Antenna Length | 13.97mm | |

Antenna Photo & Length

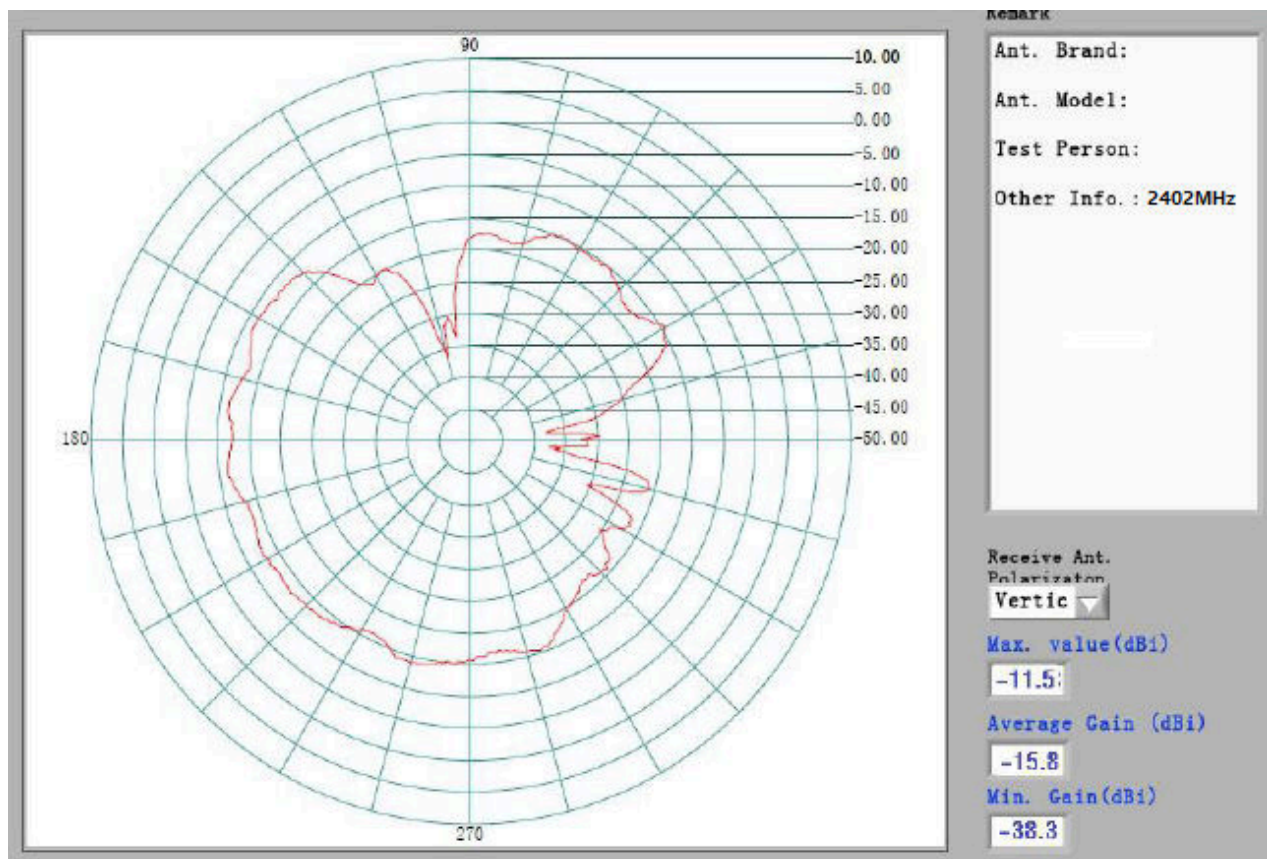


1. Main antenna : 2402 MHz

1.1 Horizontal

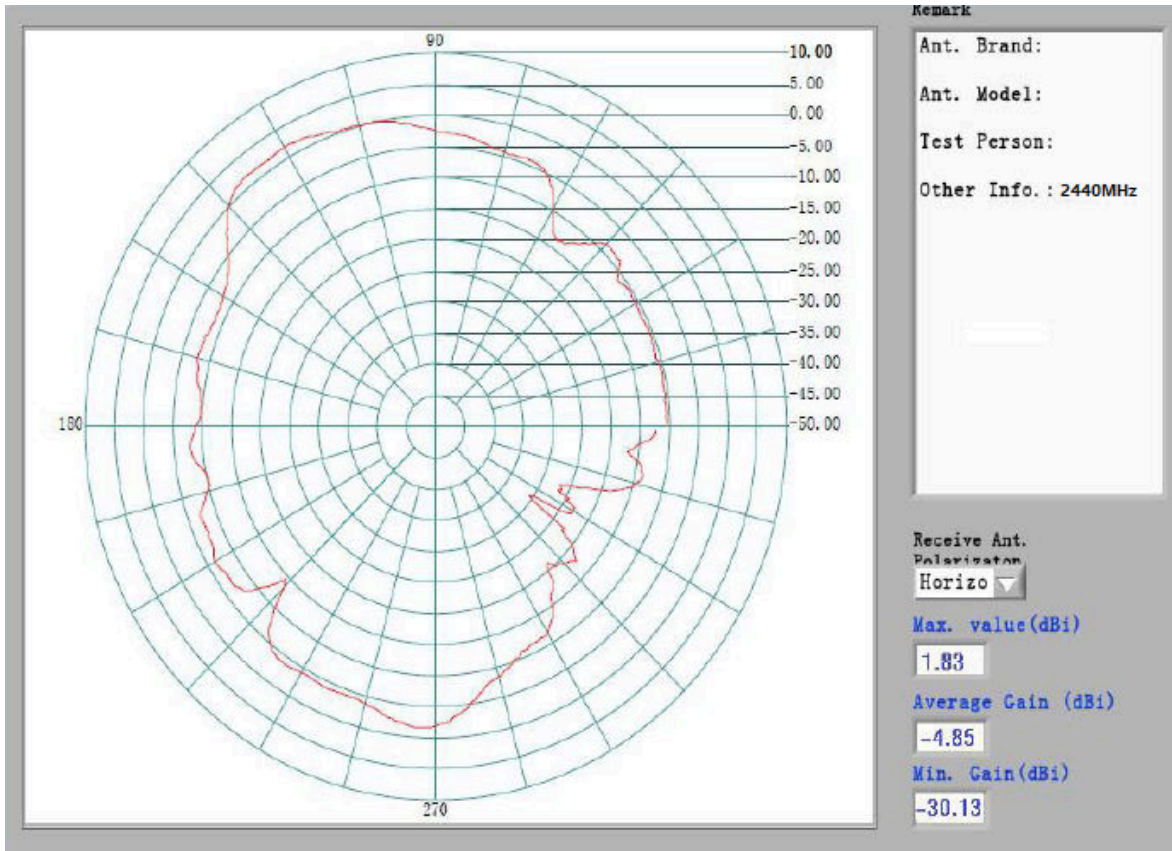


1.2 Vertical

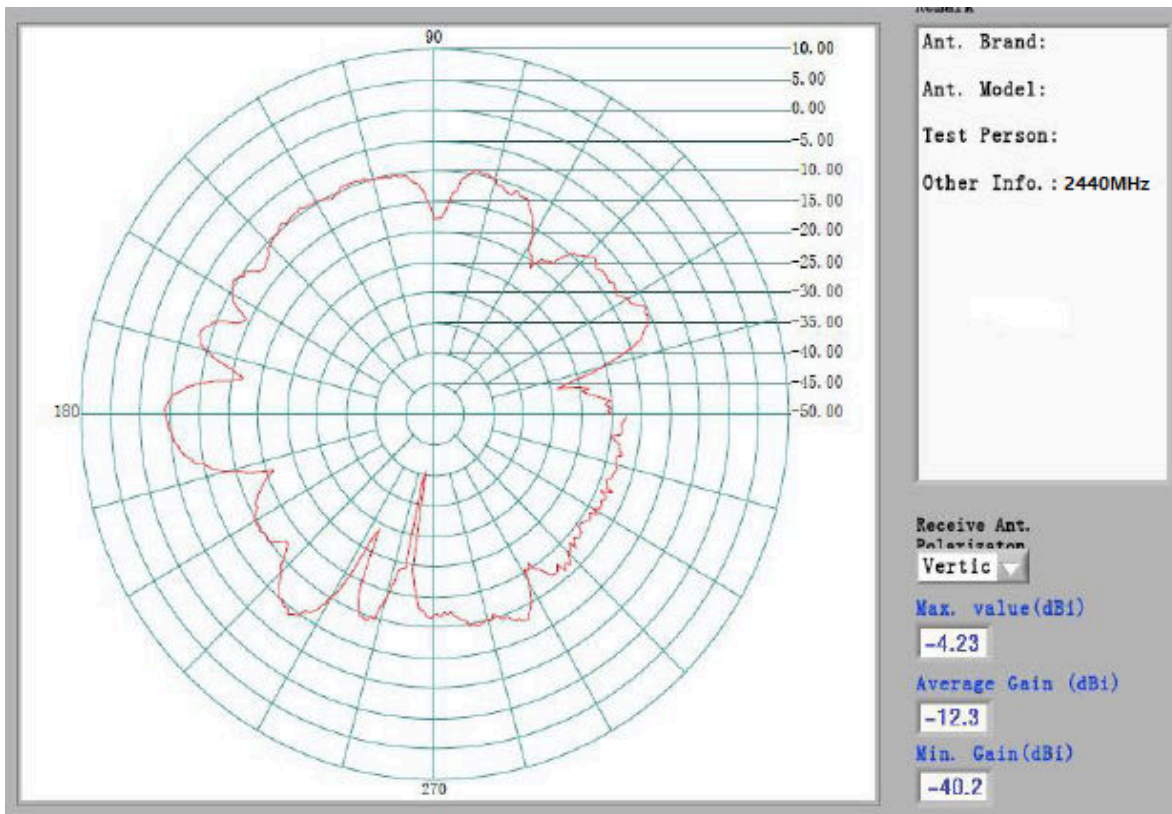


2. Main antenna : 2440 MHz

2.1 Horizontal

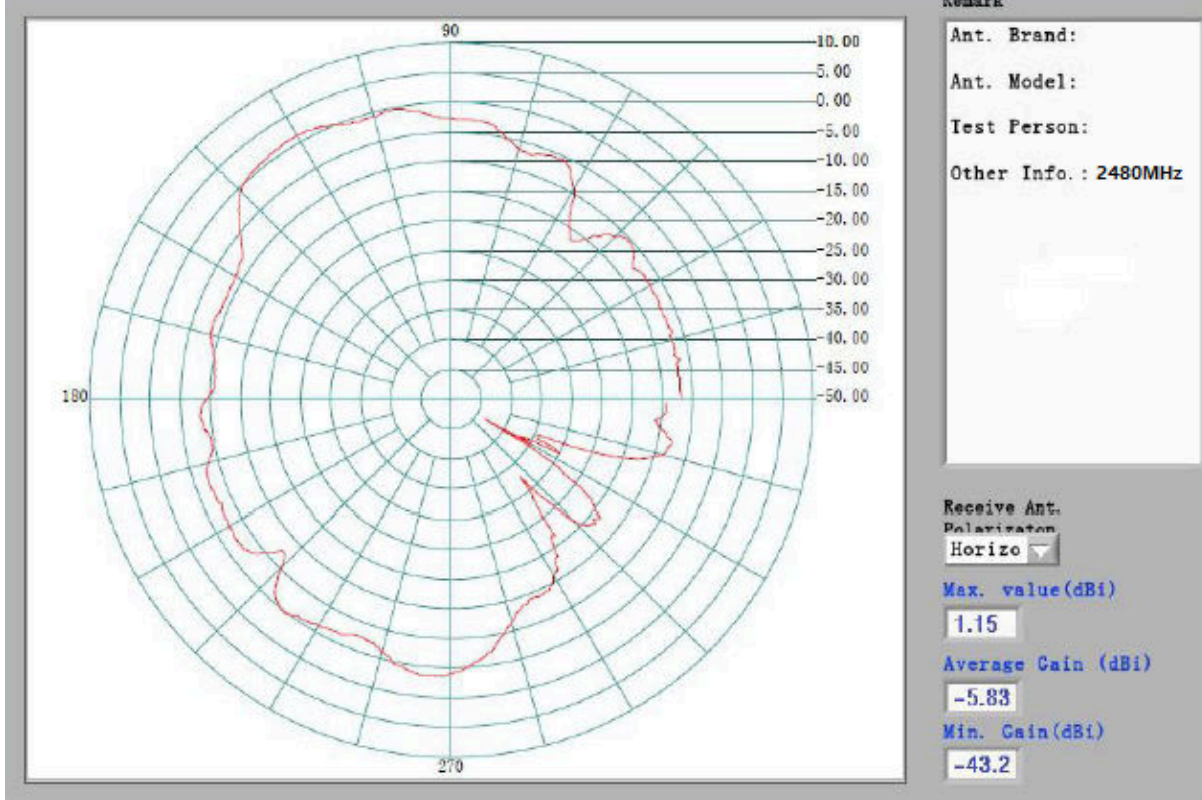


1.2 Vertical

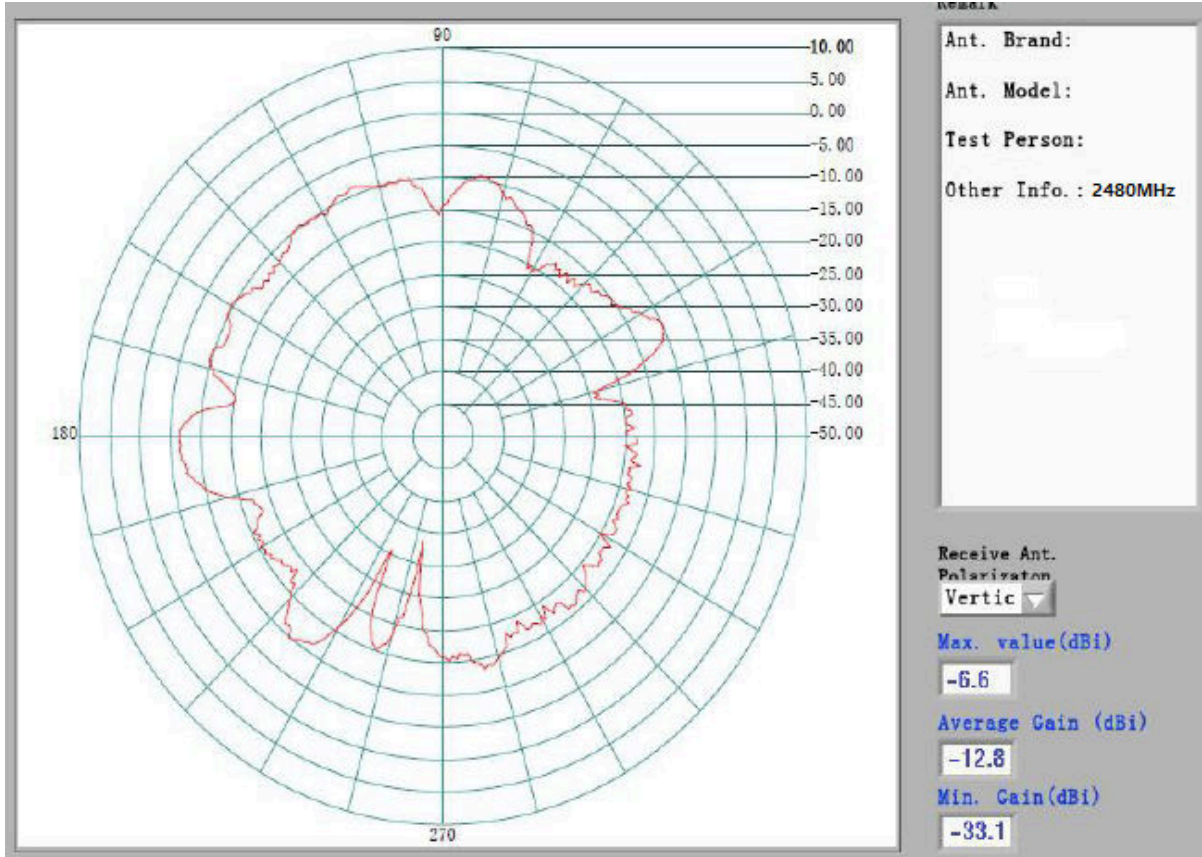


3. Main antenna : 2480 MHz

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 |