

# Antenna specification

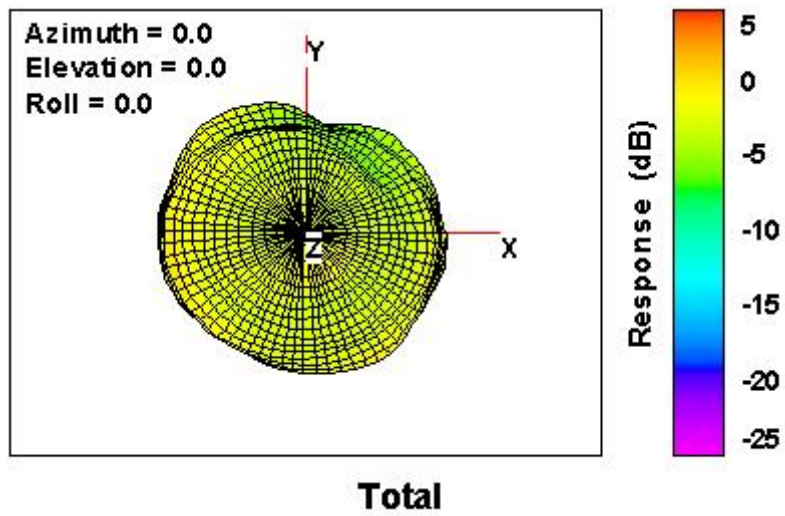
## Summary

|                         |                                            |         |         |          |         |         |
|-------------------------|--------------------------------------------|---------|---------|----------|---------|---------|
| ITEM                    | Mouse ANT SPEC                             |         |         |          |         |         |
| Model Name              | AMM001                                     |         |         |          |         |         |
| Center<br>Frequency     | Horizontal                                 |         |         | Vertical |         |         |
|                         | 2403MHz                                    | 2442MHz | 2480MHz | 2403MHz  | 2442MHz | 2480MHz |
|                         | 1.586                                      | 1.88    | 1.125   | 1.4005   | 1.8153  | 1.1942  |
| MAX. Gain               | 1.88dBi                                    |         |         |          |         |         |
| Polarization            | Horizontal and Vertical                    |         |         |          |         |         |
| Azimuth Beam<br>Pattern | Omni-directional                           |         |         |          |         |         |
| Impedance               | 50 Ohm                                     |         |         |          |         |         |
| Antenna Length          | 18.2mm                                     |         |         |          |         |         |
| Manufacture             | Mining Base Co., Ltd.                      |         |         |          |         |         |
| Address                 | 2-14-8 Itabashi, Itabashi-ku, Tokyo, Japan |         |         |          |         |         |

## Antenna Photo & Length (mm)

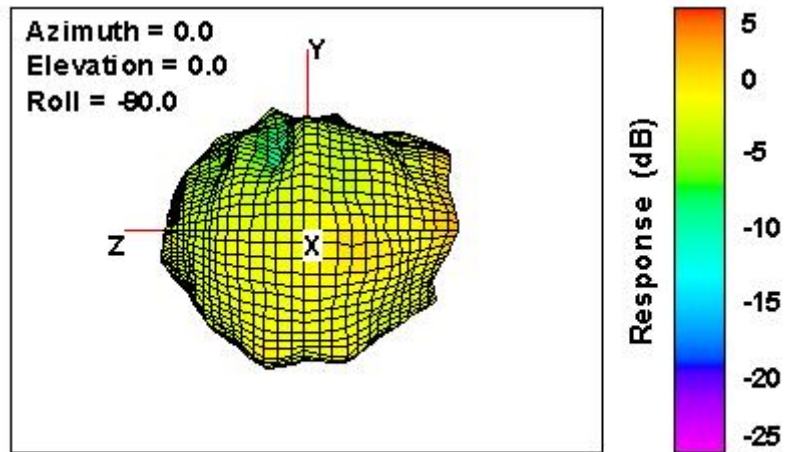


Horizontal: 2403 MHz 2442 MHz 2480 MHz  
Power (dBm)



| Frequency<br>(MHz) | Gain(dBi) |          |         |
|--------------------|-----------|----------|---------|
|                    | Max       | Min      | Avg     |
| 2403               | 1.586     | -21.3958 | -3.3185 |
| 2441               | 1.880     | -21.758  | -2.3596 |
| 2480               | 1.125     | -21.685  | -2.2756 |

Vertical: 2403 MHz 2442 MHz 2480 MHz  
Power (dBm)



**Total**

| Frequency<br>(MHz) | Gain(dBi) |          |          |
|--------------------|-----------|----------|----------|
|                    | Max       | Min      | Avg      |
| 2403               | 1.4005    | -20.3669 | -3.15539 |
| 2441               | 1.8153    | -23.6034 | -2.896   |
| 2480               | 1.1942    | -20.6662 | -2.25276 |