

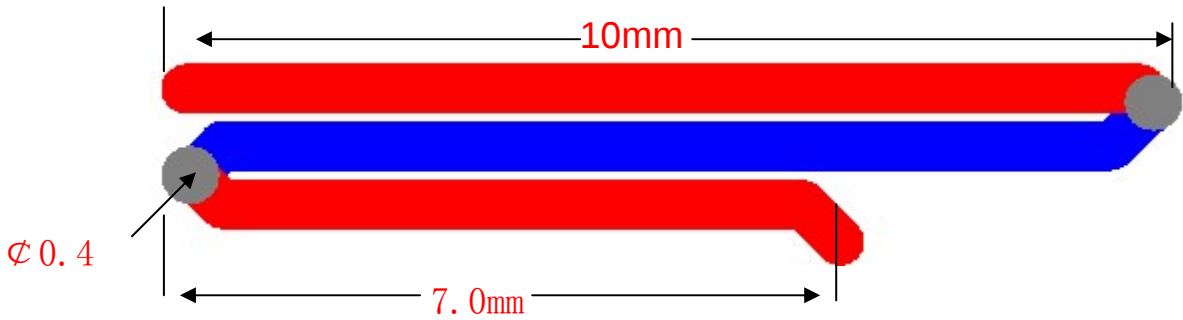
# ANTENNA SPECIFICATION

## Specifications

### Summary

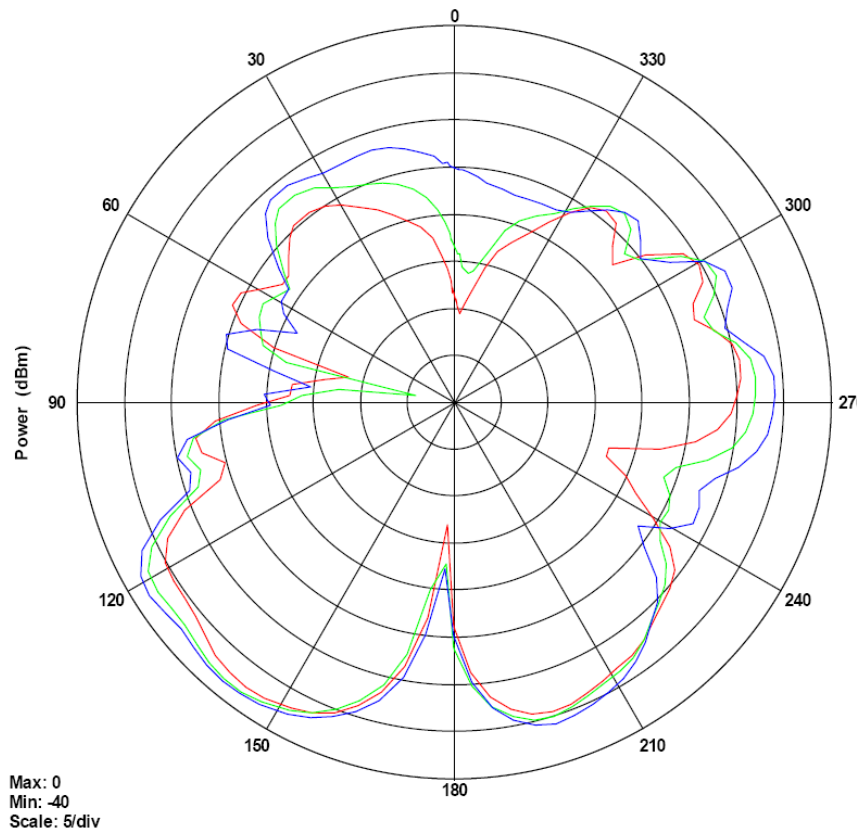
| ITEM                 | SPEC.                     |         |         |          |         |         |
|----------------------|---------------------------|---------|---------|----------|---------|---------|
| Model Name           |                           |         |         |          |         |         |
| Center Frequency     | Horizontal                |         |         | Vertical |         |         |
|                      | 2408MHz                   | 2440MHz | 2478MHz | 2408MHz  | 2440MHz | 2478MHz |
|                      | -2.64                     | -1.89   | -1.66   | -7.09    | -4.70   | -3.15   |
| MAX. Gain            | -1.66                     |         |         |          |         |         |
| Polarization         | Horizontal and Vertical   |         |         |          |         |         |
| Azimuth Beam Pattern | Omni-directional          |         |         |          |         |         |
| Impedance            | 50 Ohm                    |         |         |          |         |         |
| Antenna Length       | 27mm                      |         |         |          |         |         |
| Manufacture          | Mosart Semiconductor Corp |         |         |          |         |         |

### Antenna Photo & Length (mm)



Horizontal:

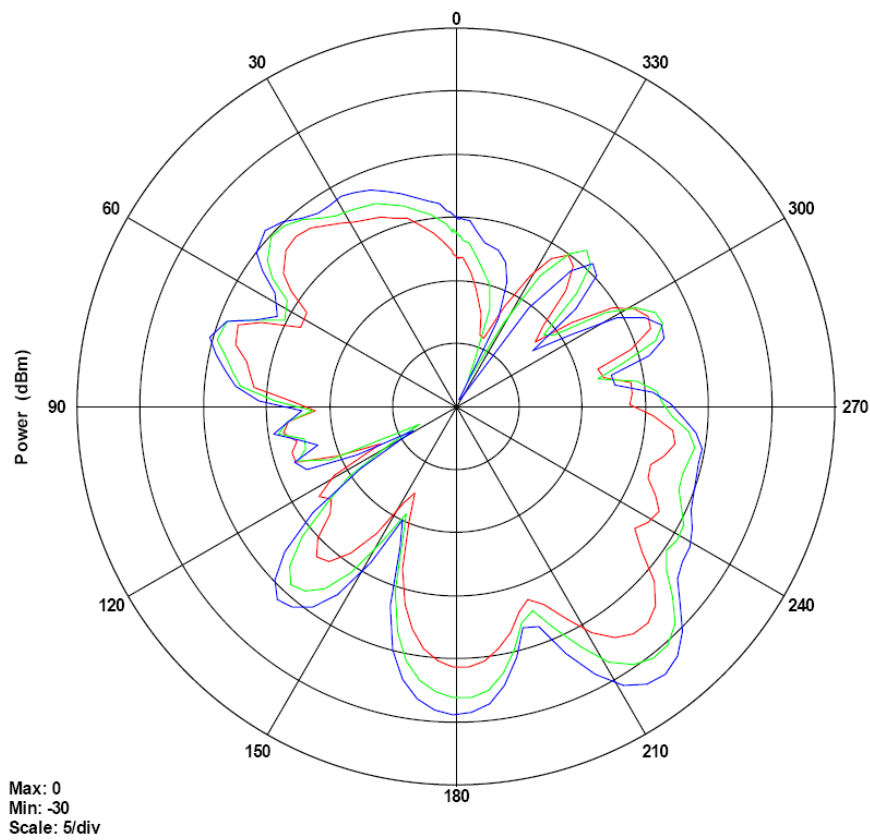
2408MHz    2440MHz    2478MHz



| Frequency<br>(MHz) | Gain(dBi) |          |          |
|--------------------|-----------|----------|----------|
|                    | Max.      | Min.     | Avg.     |
| 2408               | -2.64776  | -30.6718 | -9.77028 |
| 2440               | -1.89964  | -35.918  | -8.87095 |
| 2478               | -1.66516  | -24.7457 | -7.99065 |

**Vertical:**

**2408MHz**      **2440MHz**      **2478MHz**



| Frequency<br>(MHz) | Gain(dBi) |          |          |
|--------------------|-----------|----------|----------|
|                    | Max.      | Min.     | Avg.     |
| 2408               | -7.09317  | -24.1891 | -13.5194 |
| 2440               | -4.7048   | -27.8246 | -11.666  |
| 2478               | -3.1576   | -29.4867 | -10.5684 |

