

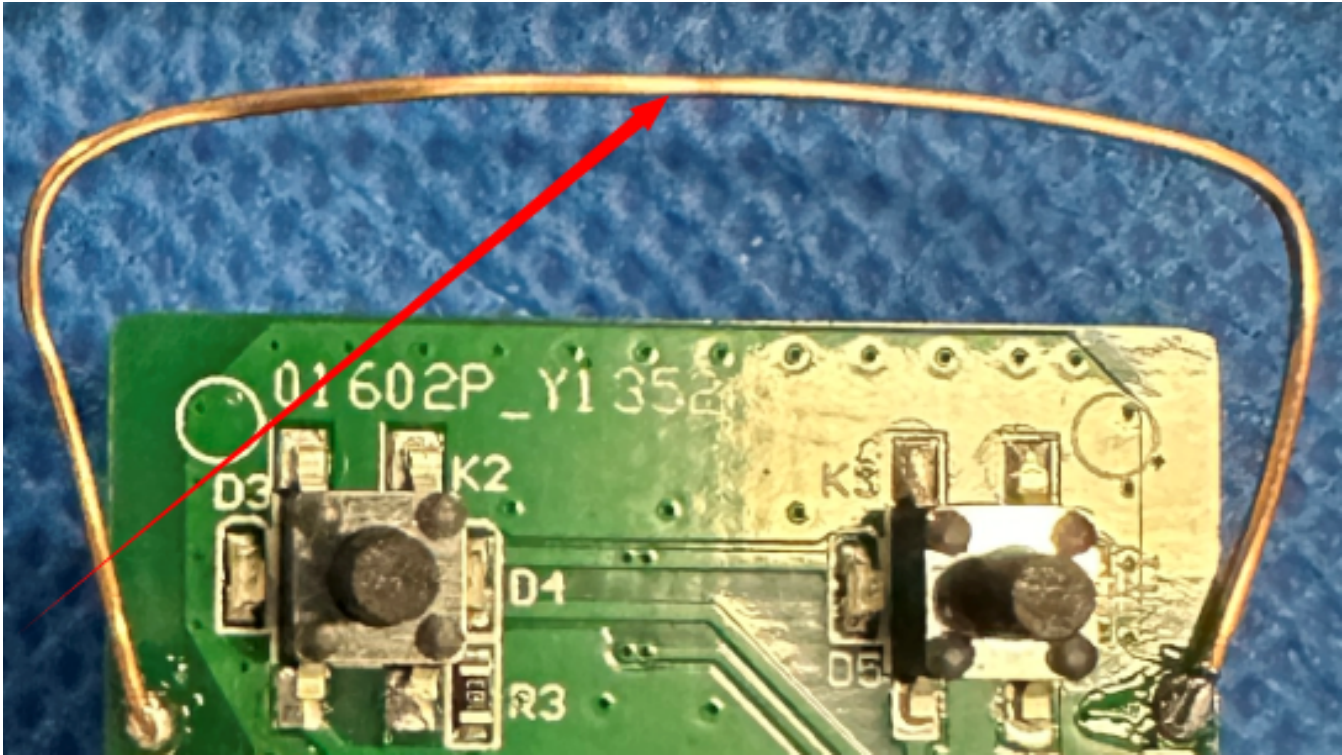
# Antenna Specification

## Summary

|                      |                         |           |           |           |           |           |
|----------------------|-------------------------|-----------|-----------|-----------|-----------|-----------|
| ITEM                 | ANT SPEC                |           |           |           |           |           |
| Model Name           | 433.89ANT               |           |           |           |           |           |
| Center Frequency     | Horizontal              |           |           | Vertical  |           |           |
|                      | 433.89MHz               | 483.89MHz | 533.89MHz | 433.89MHz | 483.89MHz | 533.89MHz |
|                      | 0.07                    | -0.76     | -0.58     | -0.42     | -0.33     | -1.26     |
| MAX. Gain            | 0 dBi                   |           |           |           |           |           |
| Polarization         | Horizontal and Vertical |           |           |           |           |           |
| Azimuth Beam Pattern | Omni-directional        |           |           |           |           |           |
| Impedance            | 50 Ohm                  |           |           |           |           |           |
|                      |                         |           |           |           |           |           |

## Antenna Photo & Length (mm)

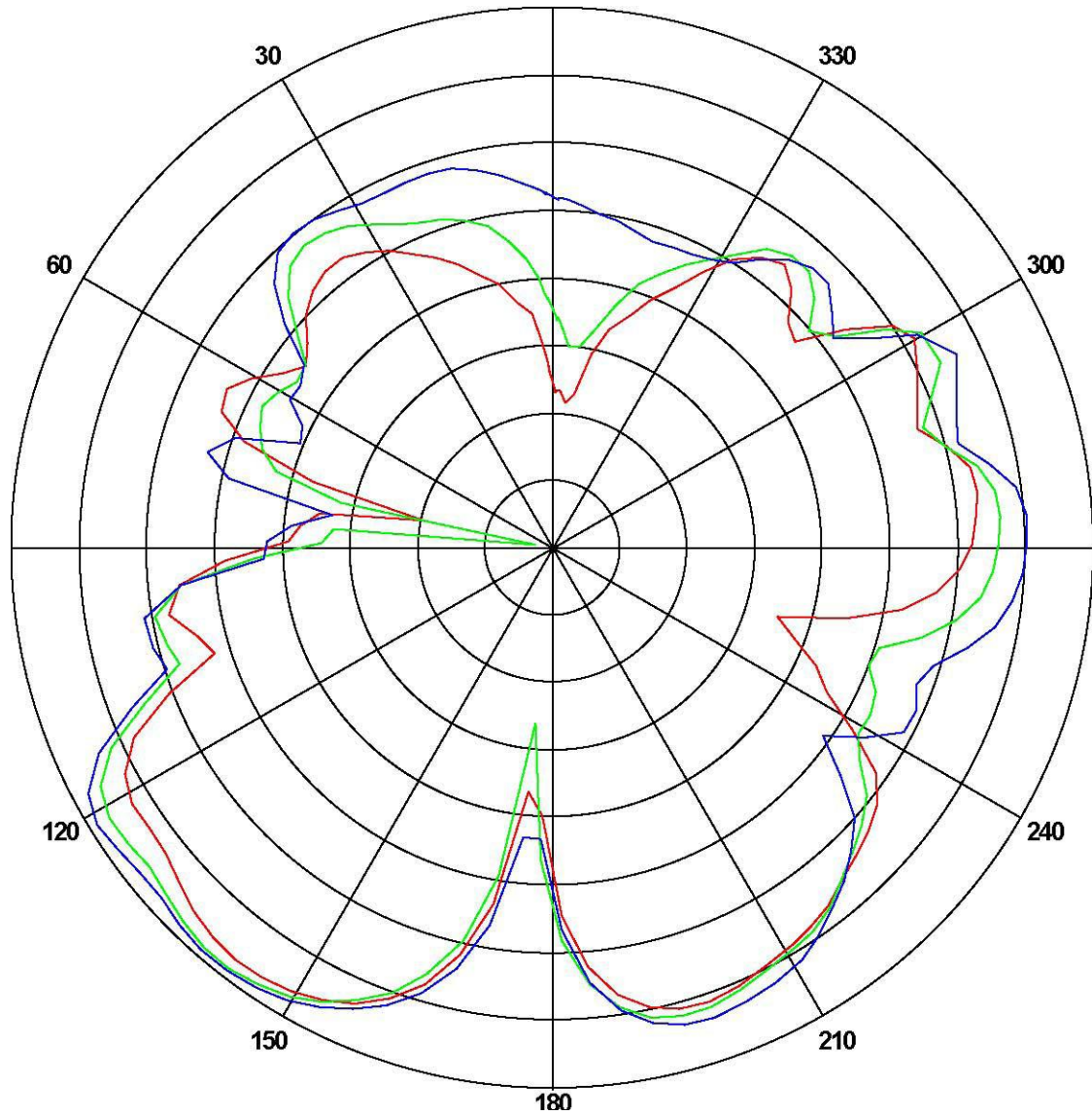
Physical size: 0.6\*65mm



Horizontal: 433.90 MHz 483.90 MHz 533.90 MHz

Power (dBm)

Max: 0 Min: -40 Scale: 5/div

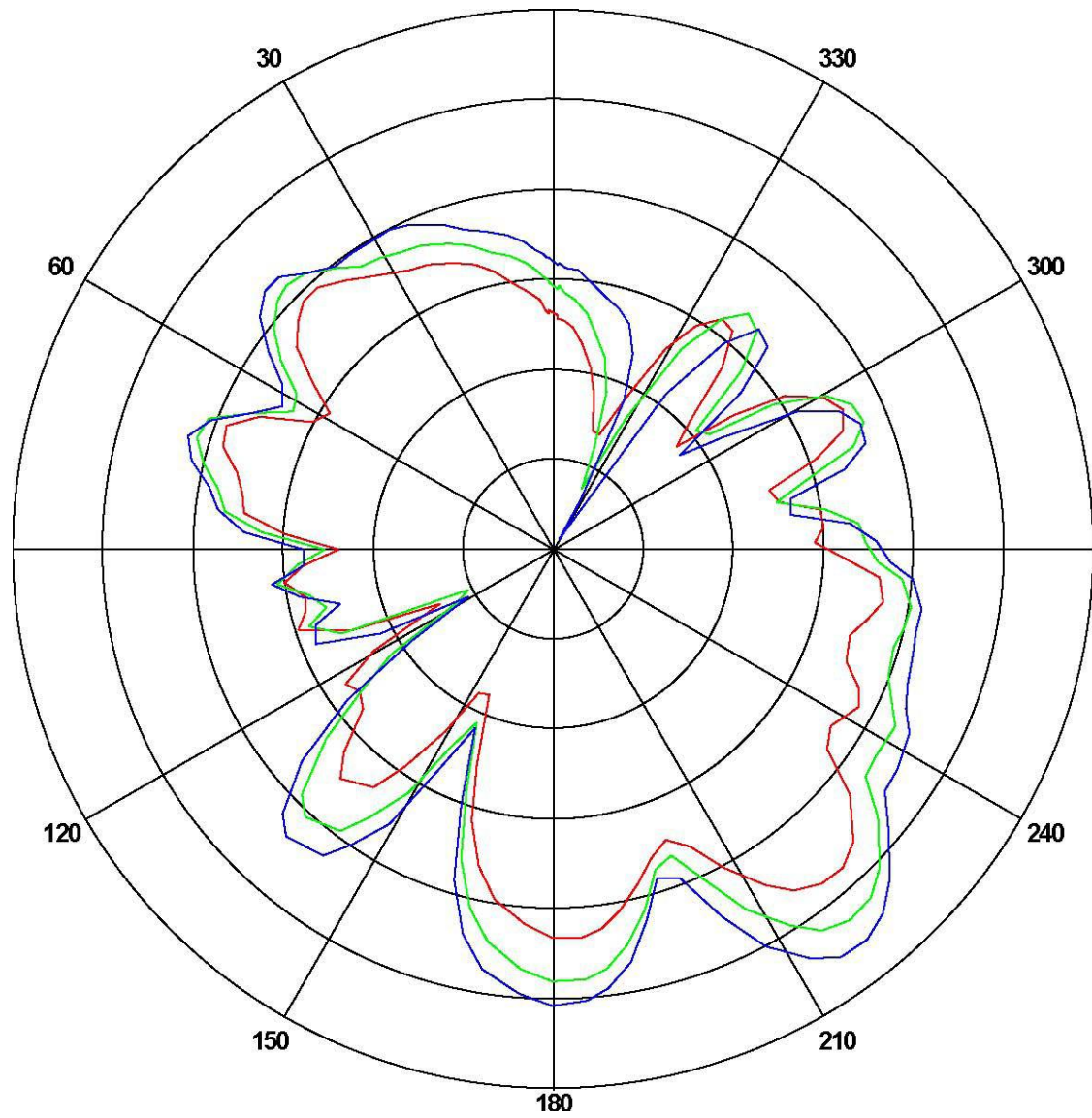


| Frequency<br>(MHz) | Gain(dBi) |          |          |
|--------------------|-----------|----------|----------|
|                    | Max       | Min      | Avg      |
| 433.90             | 0.07660   | -30.0801 | -7.18716 |
| 483.90             | -0.765802 | -36.5604 | -7.48023 |
| 533.90             | -0.585582 | -22.0315 | -6.59127 |

Vertical: 433.90 MHz 483.90 MHz 533.90 MHz

Power (dBm)

Max: 0 Min: -30 Scale: 5/div



| Frequency<br>(MHz) | Gain(dBi) |          |          |
|--------------------|-----------|----------|----------|
|                    | Max       | Min      | Avg      |
| 433.90             | -0.4229   | -22.1424 | -12.4294 |
| 483.90             | -0.3355   | -24.5837 | -10.4702 |
| 533.90             | -1.2617   | -29.5214 | -9.20432 |