

# TA011 - Datasheet

## Specifications

- Part Number: TA011
- Frequency: 868 MHz, 869 MHz, 902-928 MHz
- Antenna Gain:

| Frequency<br>(MHz) | Antenna Gain<br>(dB) |
|--------------------|----------------------|
| 868                | 3.23                 |
| 902                | 1.68                 |
| 916                | 0.40                 |
| 928                | 0.38                 |

Table 1: Antenna Gain

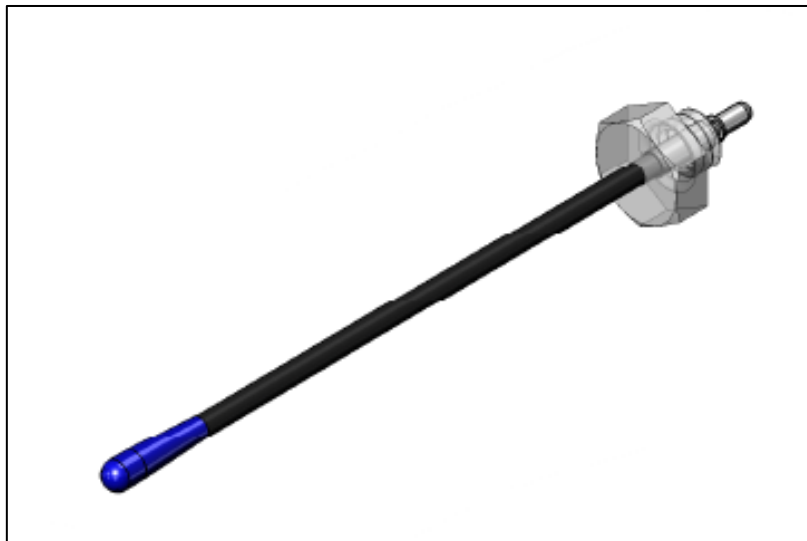


Figure 1: Antenna TA011

**Note:** TA011 antenna is not used in Wireless Radio Anemometer Sensor.

Trimble Inc.  
5475 Kellenburger Road , Building 2, Dayton,  
Ohio 45424, United States

## Radiation Pattern

- XY Plane - 868 MHz

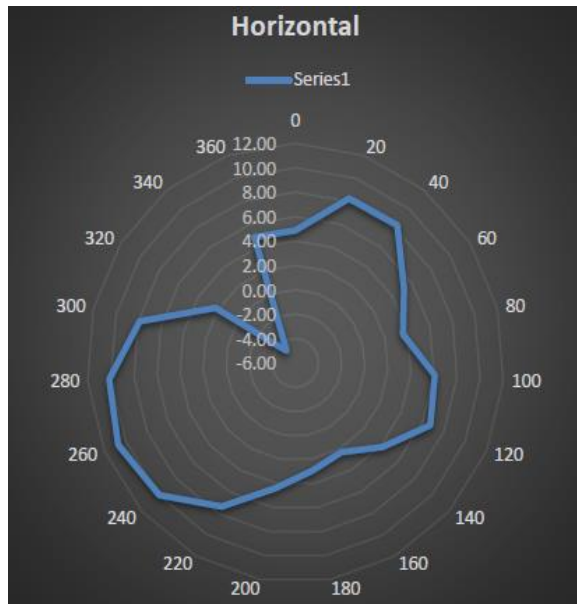
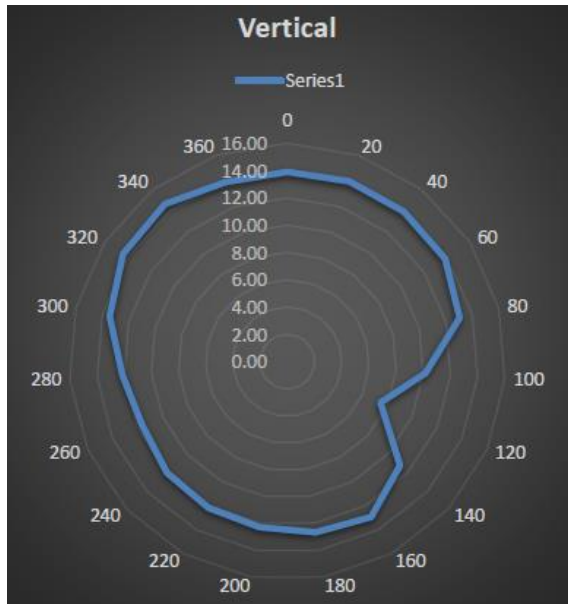


Figure 2: Antenna Radiation Pattern – 868 MHz

- XY Plane - 902 MHz

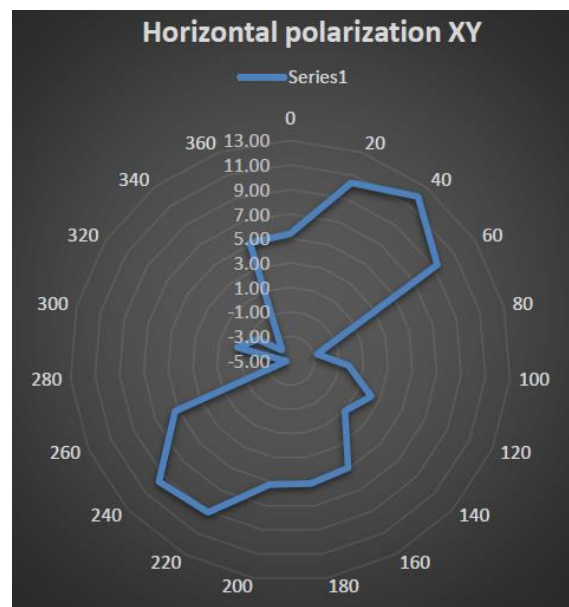
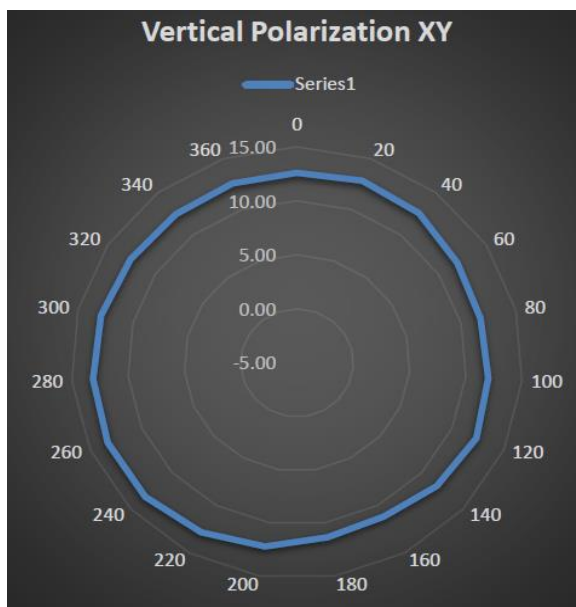


Figure 3: Antenna Radiation Pattern – 902 MHz

- **XY Plane - 916 MHz**

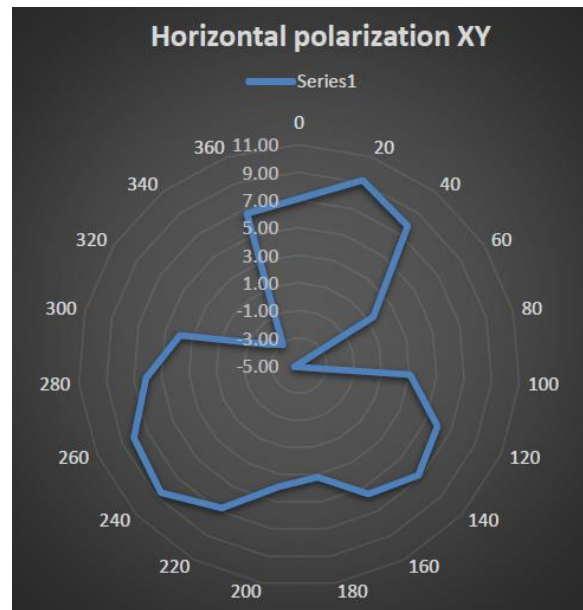
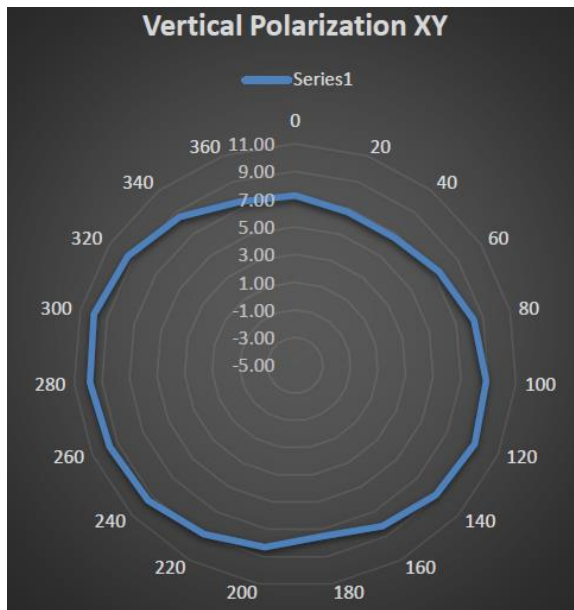


Figure 4: Antenna Radiation Pattern – 916 MHz

- **XY Plane - 928 MHz**

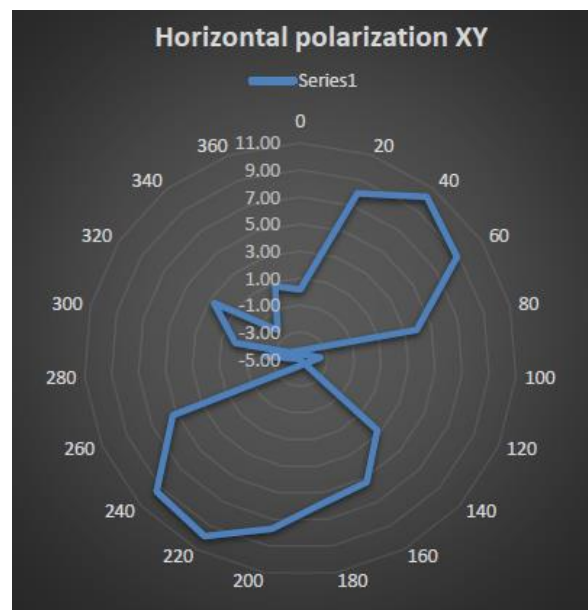
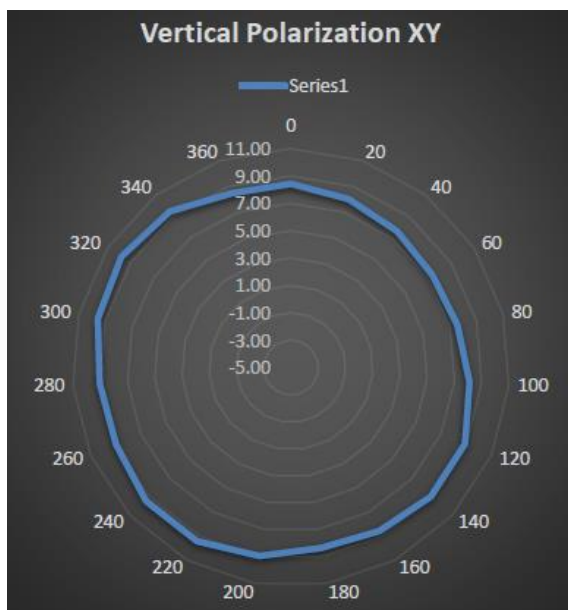


Figure 5: Antenna Radiation Pattern – 928 MHz