

## 2JW0315-433-C675B

433 MHz ISM Connector Mount

### Key Features

#### 433 MHz ISM

- 433-435 MHz

Connector Mount

Ground Plane Dependent

Hinged Connector

Dimensions Ø 10 × 113 mm



## 1. Antenna and electrical specifications

| Parameters           | 433 MHz ISM Antenna |
|----------------------|---------------------|
| Standards            | ISM                 |
| Band (MHz)           | 433 MHz             |
| Frequency (MHz)      | 433-435             |
| Return Loss (dB)     | ~-10.3              |
| VSWR                 | ~1.9:1              |
| Efficiency (%)       | ~53.9               |
| Peak Gain (dBi)      | ~0.2                |
| Average Gain (dB)    | ~-2.7               |
| Impedance (Ohm)      | 50                  |
| Polarisation         | Linear              |
| Radiation Pattern    | Omni-Directional    |
| Max. Input Power (W) | 25                  |
| Connector Type       | SMA-Male Standard   |

### Antenna Measurement Conditions:

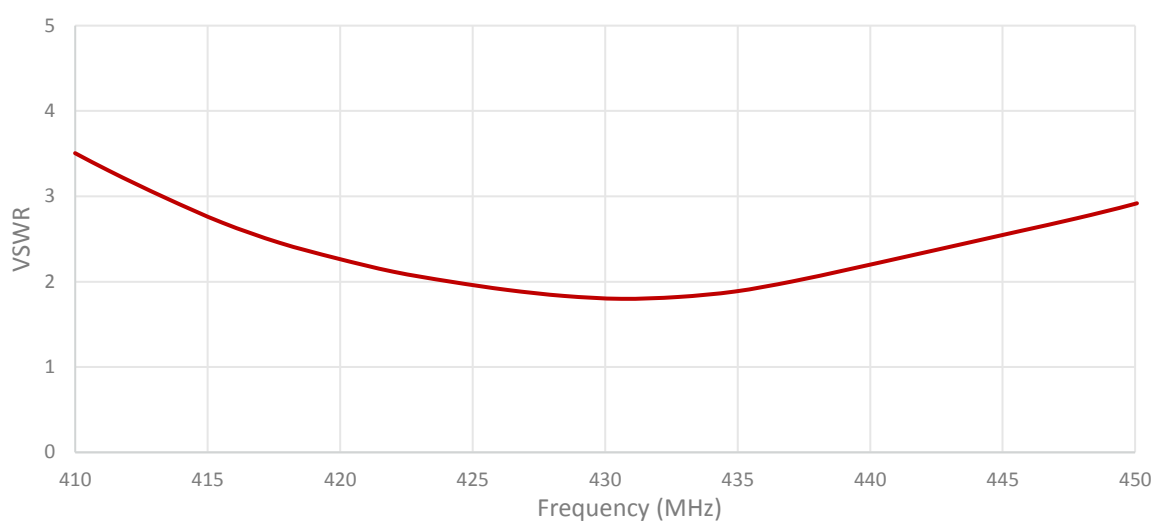
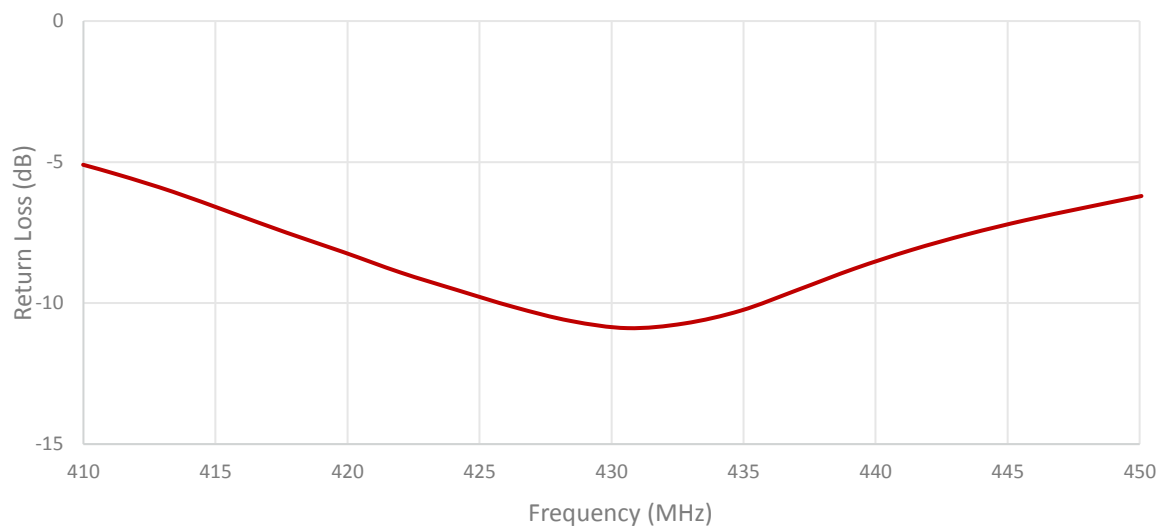
Mounted on Ground Plane of 150x50 mm

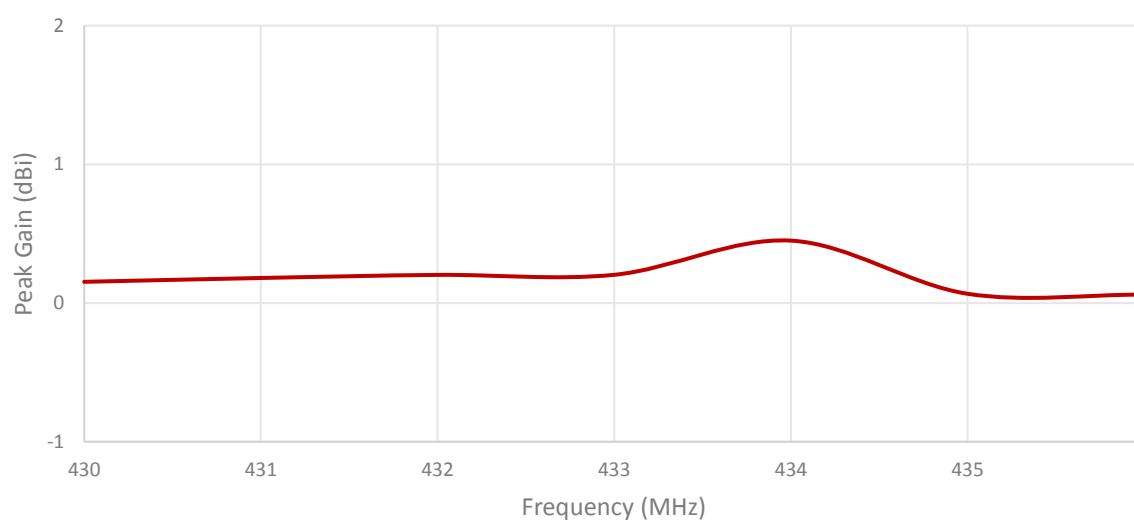
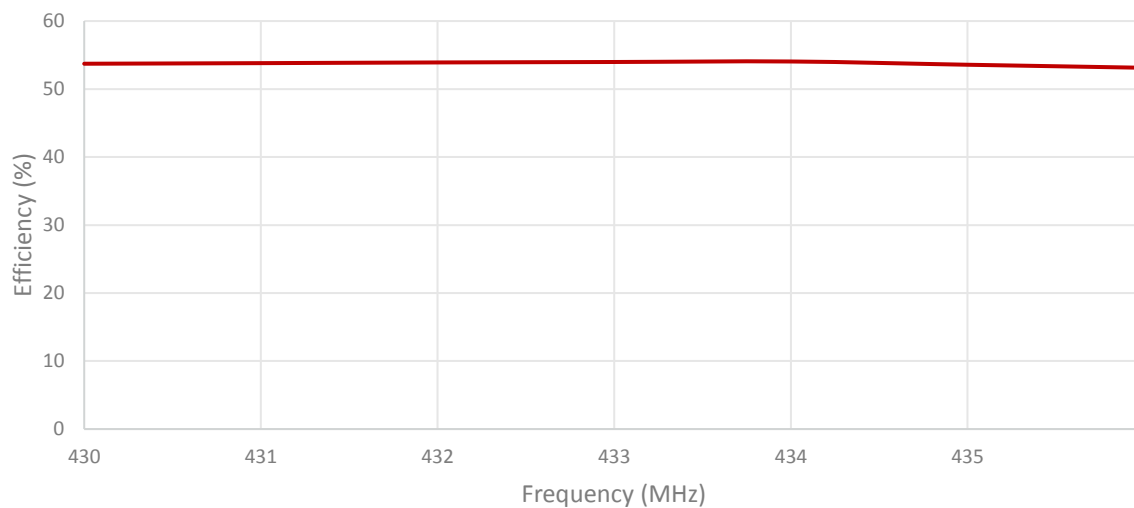
Measured in Certified CTIA 3D Anechoic Chamber

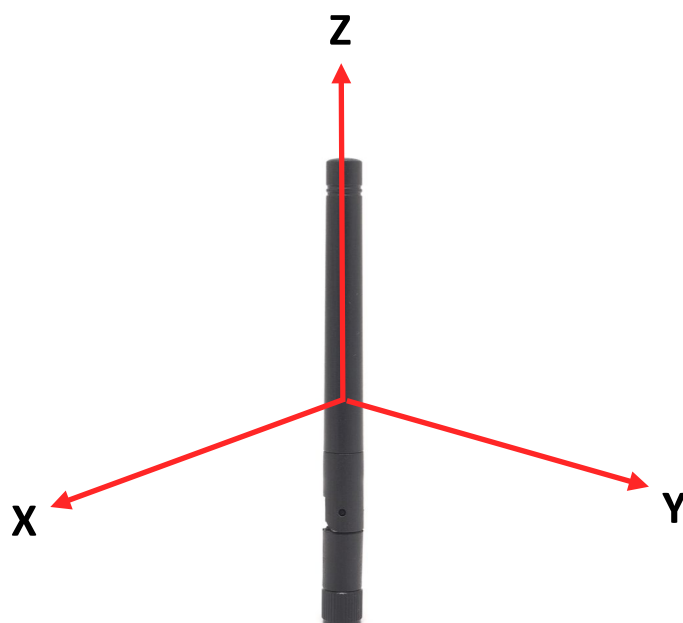
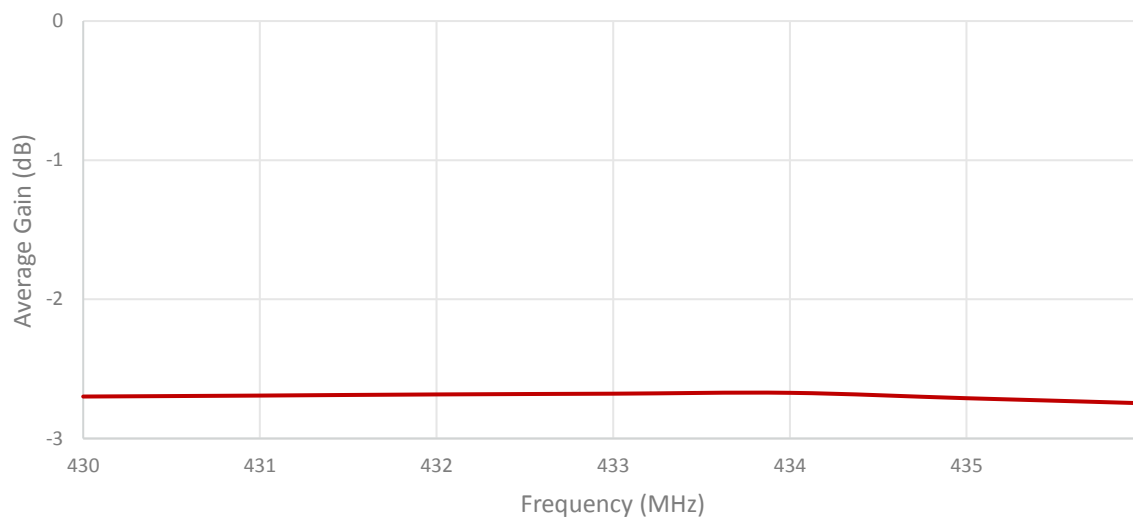
## 2. Mechanical and environmental specifications

| Specifications            | 2JW0315-433-C675B |
|---------------------------|-------------------|
| Mounting Type             | Connector Mount   |
| Dimensions (mm)           | Ø 10 × 113        |
| Radome                    | ASA               |
| Radome color              | Black             |
| Connector Feature         | Hinged            |
| Operating Temperature (C) | -40 to +85        |
| Storage Temperature (C)   | -40 to +85        |
| Substance Compliance      | RoHS              |

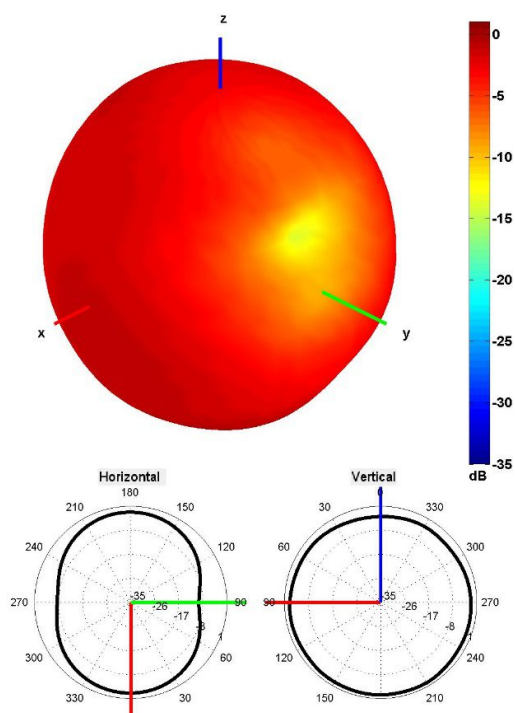
### 3. Antenna parameters





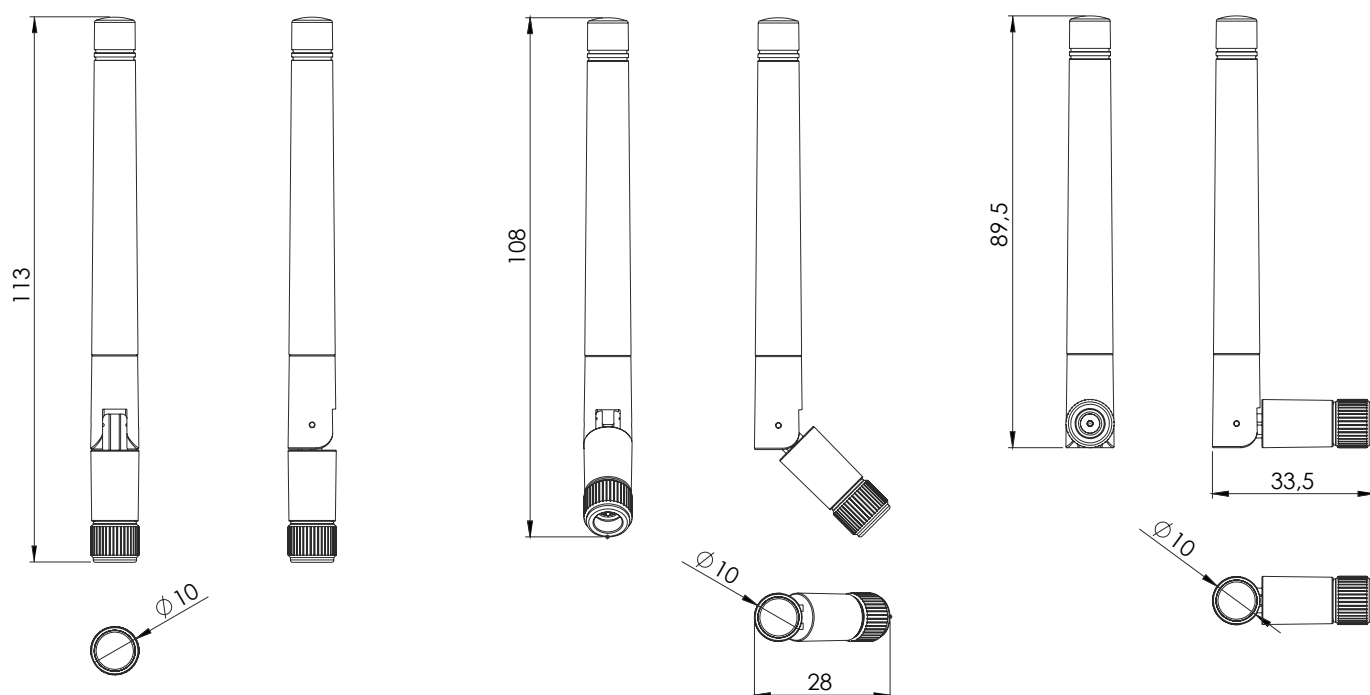


Radiation pattern reference



433 MHz Radiation pattern

## 4. Antenna drawings



## 5. Antenna Images

