

## 2JW0315-868-C675B

868 MHz ISM Connector Mount

### Key Features

- 868 MHz ISM
- 863-870 MHz
- Connector Mount
- Ground Plane Independent
- Hinged Connector
- Dimensions 113 × Ø 10 mm



## 1. Antenna and electrical specifications

Parameters	868 MHz ISM Antenna
<b>Standards</b>	ZigBee, ISM, SIGFOX, LoRa
<b>Band (MHz)</b>	868 MHz
<b>Frequency (MHz)</b>	863-870
<b>Return Loss (dB)</b>	~-13.9
<b>VSWR</b>	~1.5:1
<b>Efficiency (%)</b>	~36.8
<b>Peak Gain (dBi)</b>	~0.7
<b>Average Gain (dB)</b>	~-4.3
<b>Impedance (Ohm)</b>	50
<b>Polarisation</b>	Linear
<b>Radiation Pattern</b>	Omni-Directional
<b>Max. Input Power (W)</b>	25
<b>Connector Type</b>	SMA-Male Standard

### Antenna Measurement Conditions:

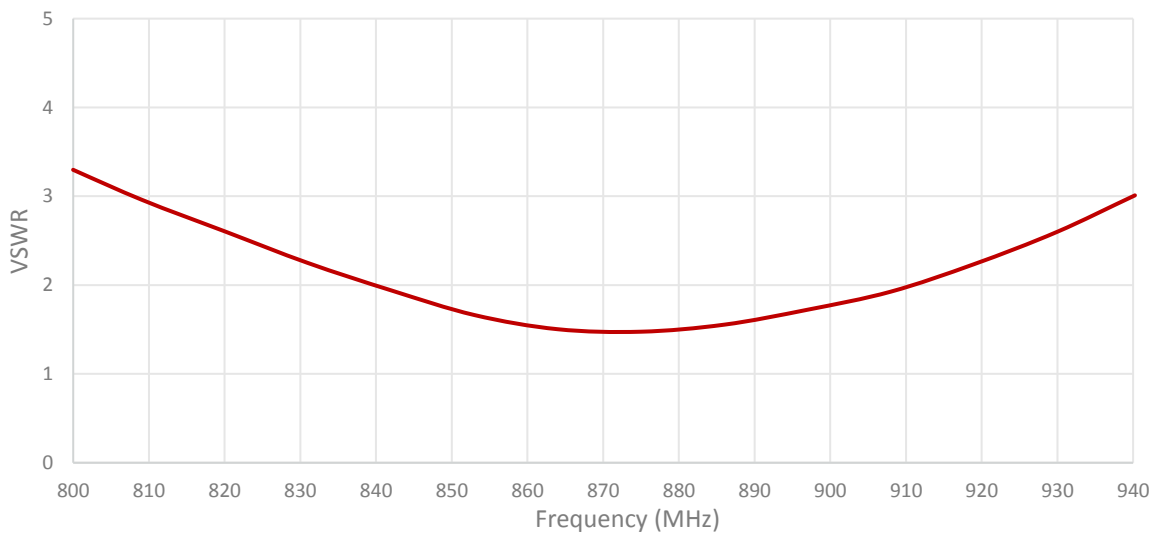
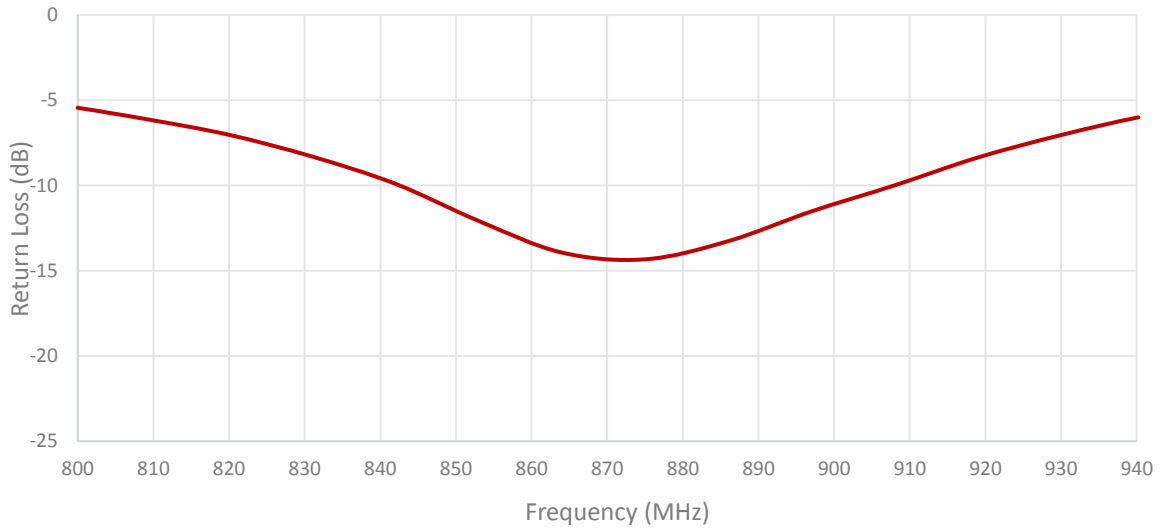
Free Space

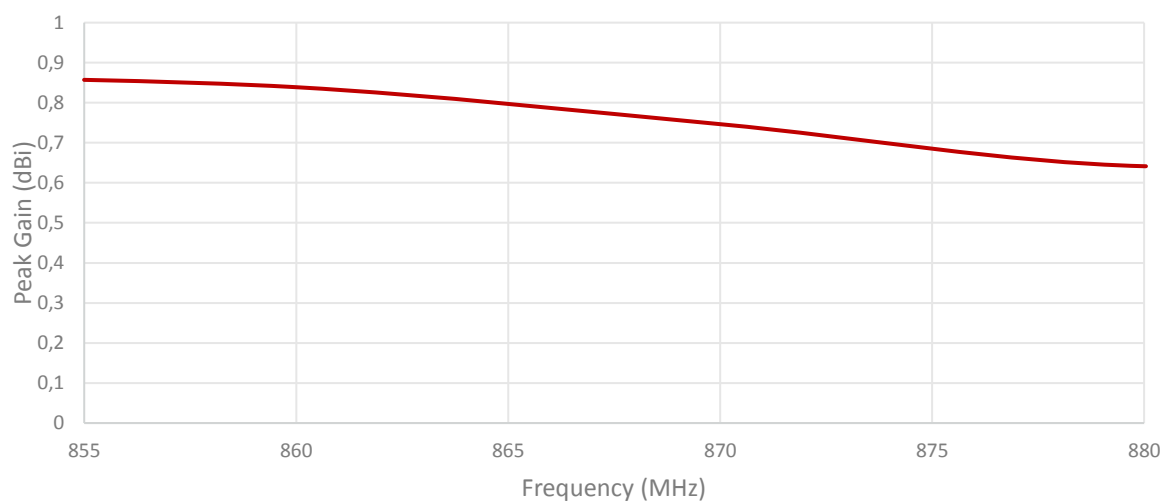
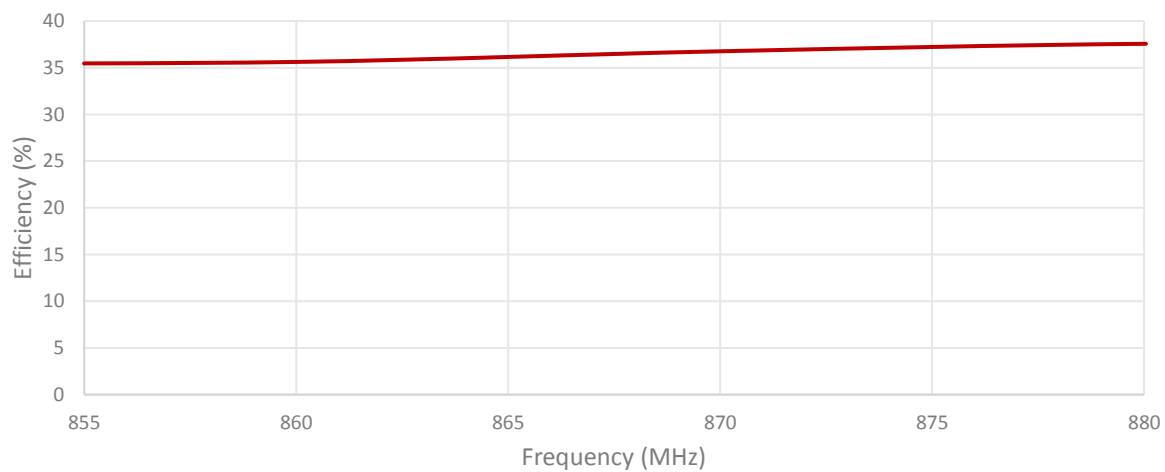
Measured in Certified CTIA 3D Anechoic Chamber

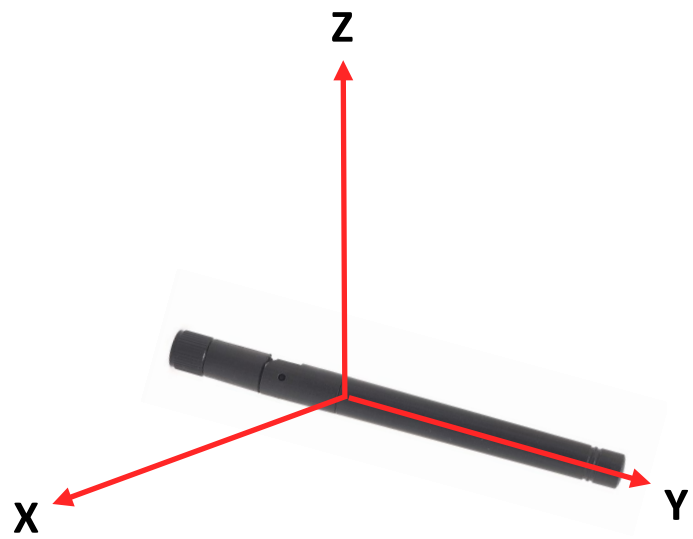
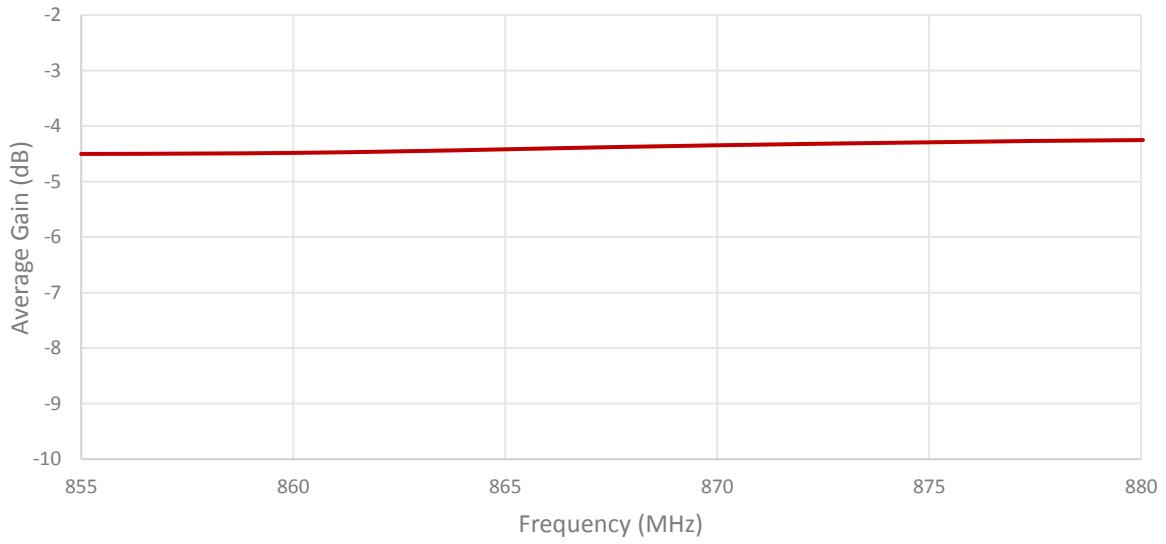
## 2. Mechanical and environmental specifications

Specifications	2JW0315-868-C675B
<b>Mounting Type</b>	Connector Mount
<b>Dimensions (mm)</b>	113 × Ø 10
<b>Radome</b>	ABS UV Stable
<b>Radome color</b>	Black
<b>Connector Feature</b>	Hinged
<b>Operating Temperature (C)</b>	-40 to +85
<b>Storage Temperature (C)</b>	-40 to +85
<b>Substance Compliance</b>	RoHS

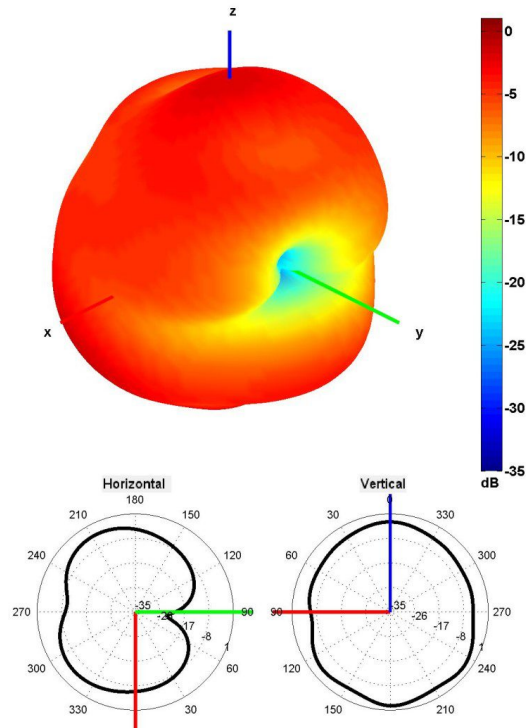
### 3. Antenna parameters





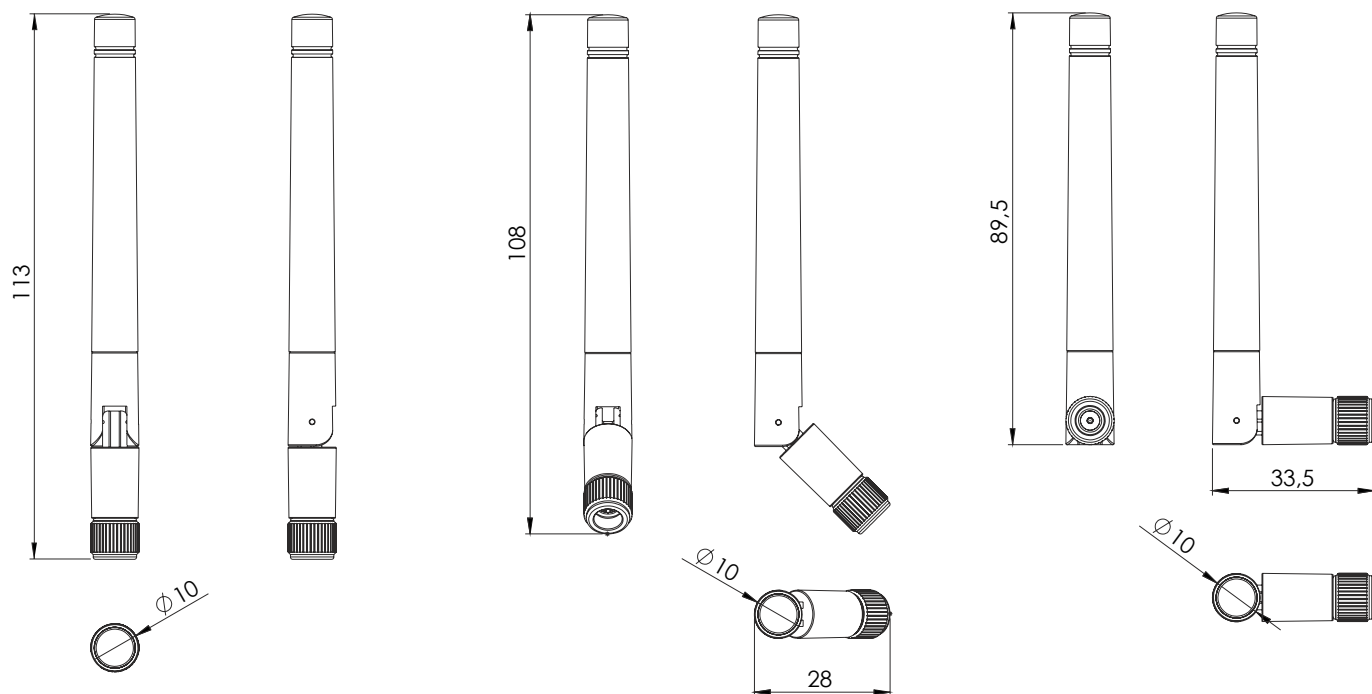


Radiation pattern reference



868 MHz Radiation pattern

## 4. Antenna drawings



5. Antenna Images

