

## 2J5215P-433

433 MHz ISM Adhesive Mount

### Key Features

#### 433MHz ISM

- 433-435 MHz

Adhesive Mount

Flexible Housing

Compact Size

High Performance

Customizable Cable and Connector

Dimensions 117.4 x 12.5 x 6.5 mm



## 1. Antenna and electrical specifications

Parameters	433 MHz ISM Antenna
<b>Standards</b>	ISM, LoRa
<b>Band (MHz)</b>	433 MHz
<b>Frequency (MHz)</b>	433-435
<b>Return Loss (dB)</b>	~-11.0
<b>VSWR</b>	~1.8:1
<b>Efficiency (%)</b>	~42.6
<b>Peak Gain (dBi)</b>	~1.5
<b>Average Gain (dB)</b>	~-3.7
<b>Impedance (Ohm)</b>	50
<b>Polarisation</b>	Linear
<b>Radiation Pattern</b>	Omni-Directional
<b>Max. Input Power (W)</b>	50
<b>Connector Type</b>	SMA-Male Standard (Other Connectors Available)
<b>Cable Length</b>	300 cm Standard (Any Cable Length Available)
<b>Cable Type</b>	RG174 Standard (Other Cables Available)

### Antenna Measurement Conditions:

Mounted on 30 x 30 x 0.25 cm ABS Plate

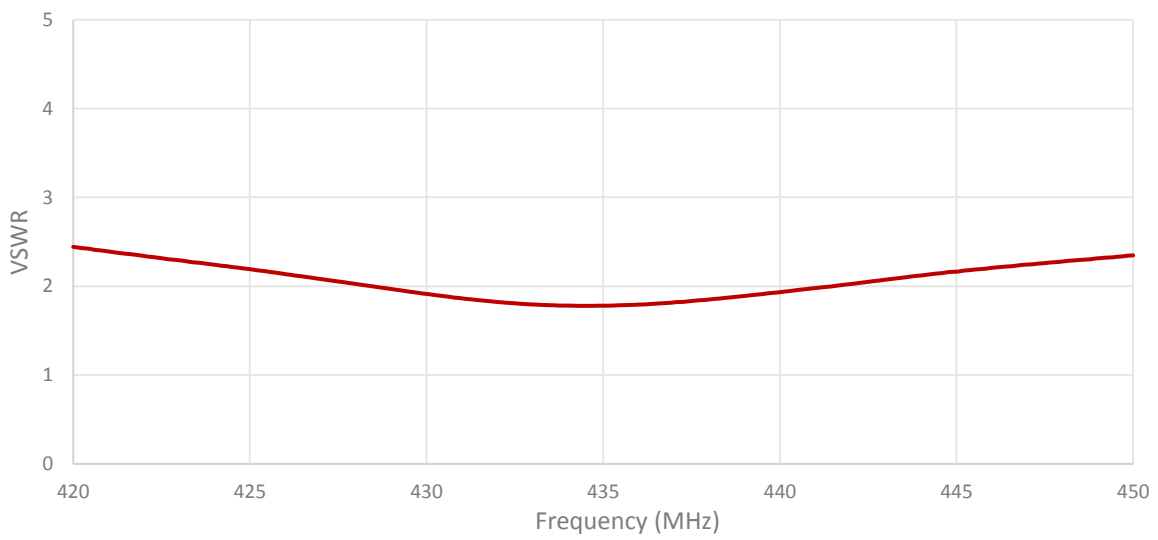
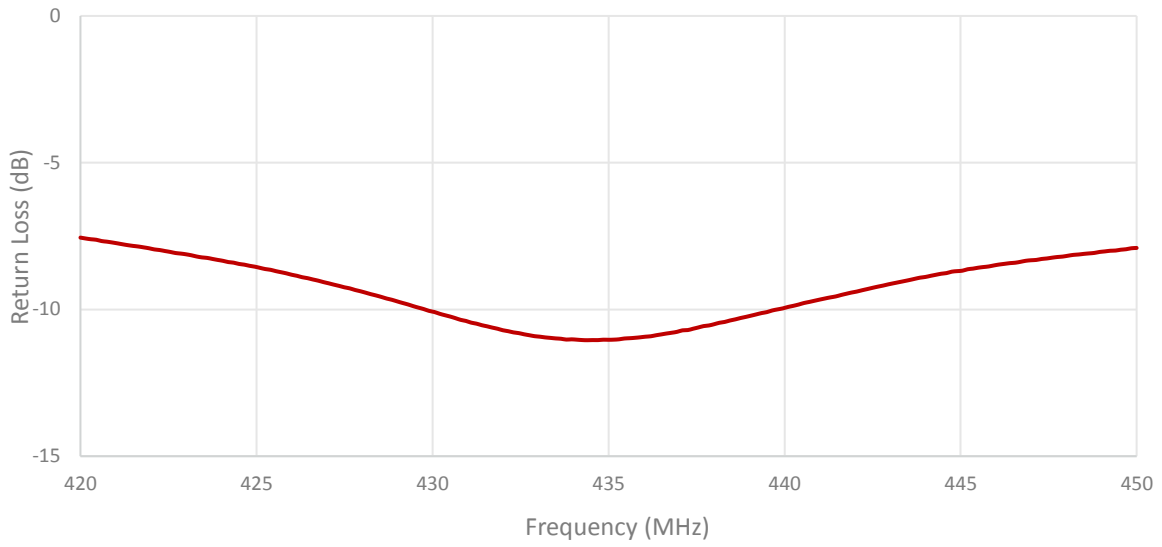
200 cm RG174 Cable

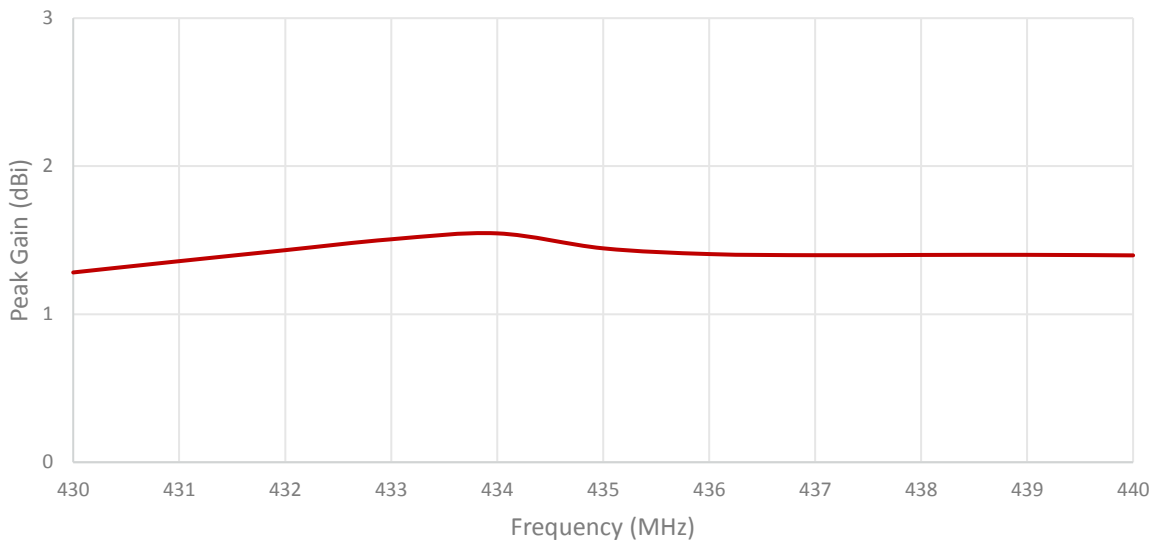
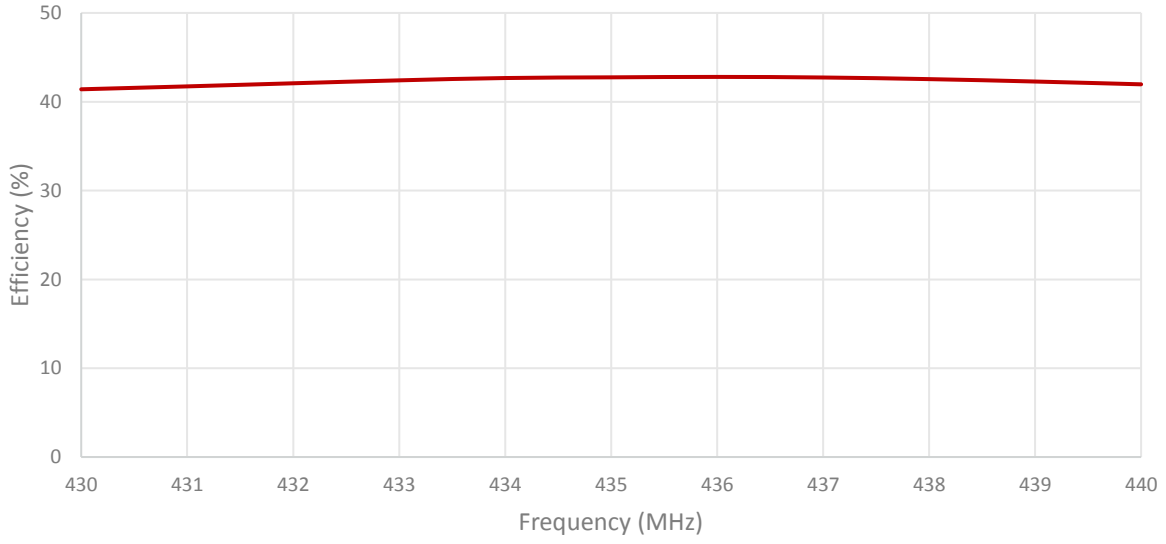
Measured in Certified CTIA 3D Anechoic Chamber

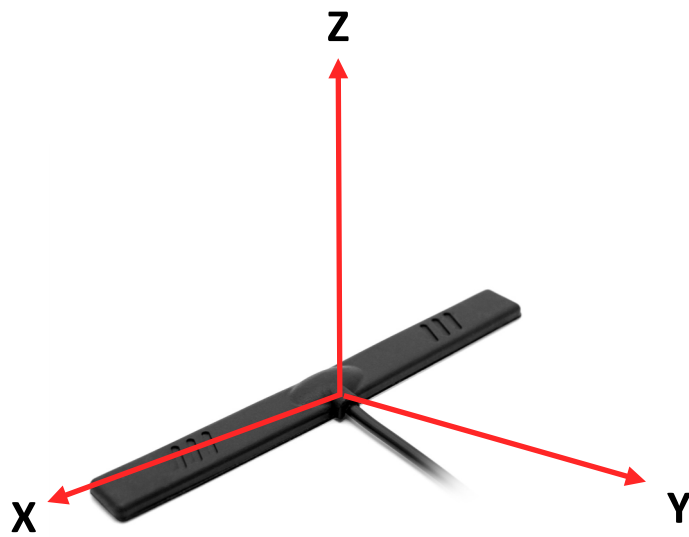
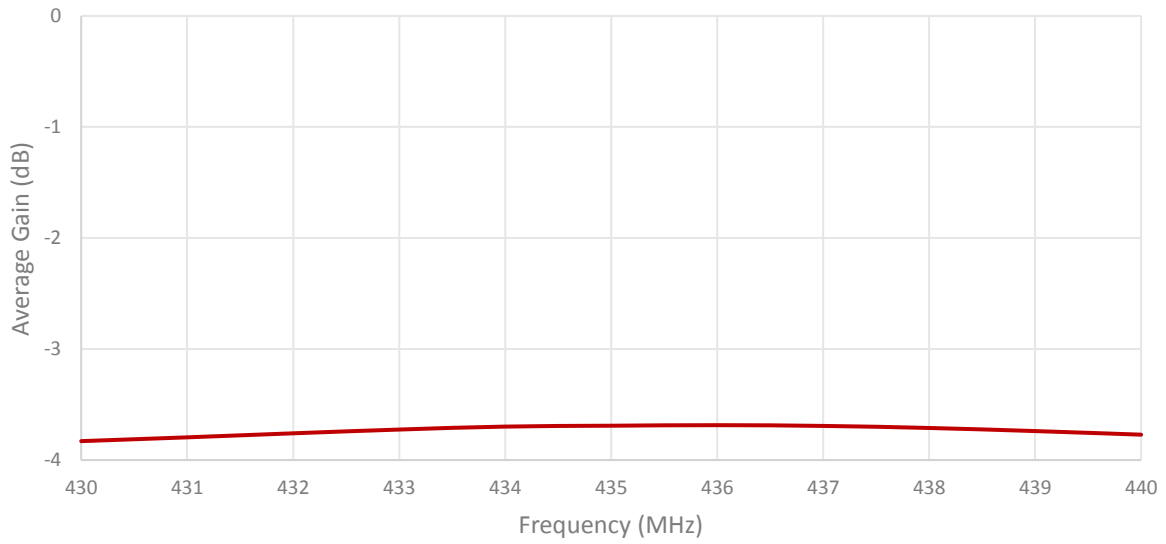
## 2. Mechanical and environmental specifications

Specifications	2J5215P-433
<b>Mounting Type</b>	Adhesive Mount
<b>Dimensions (mm)</b>	117.4 x 12.5 x 6.5
<b>Radome</b>	TPE
<b>Radome color</b>	Black, White
<b>Operating Temperature (C)</b>	-40 to +85
<b>Storage Temperature (C)</b>	-40 to +85
<b>Substance Compliance</b>	RoHS

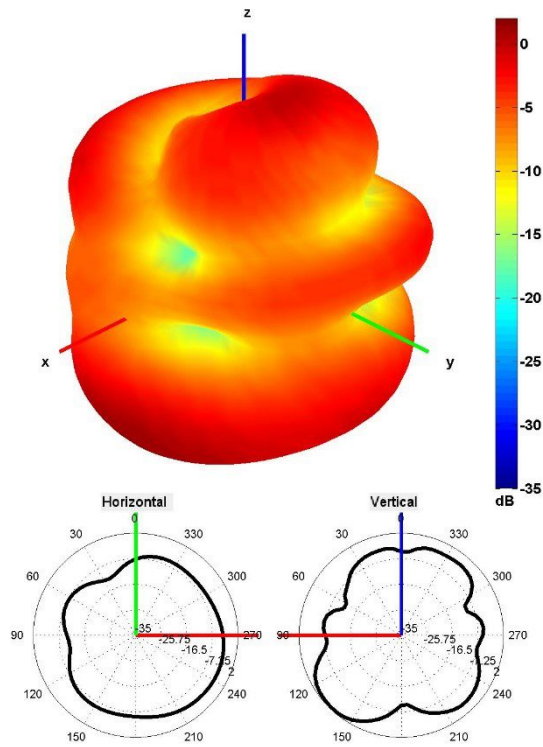
### 3. Antenna parameters





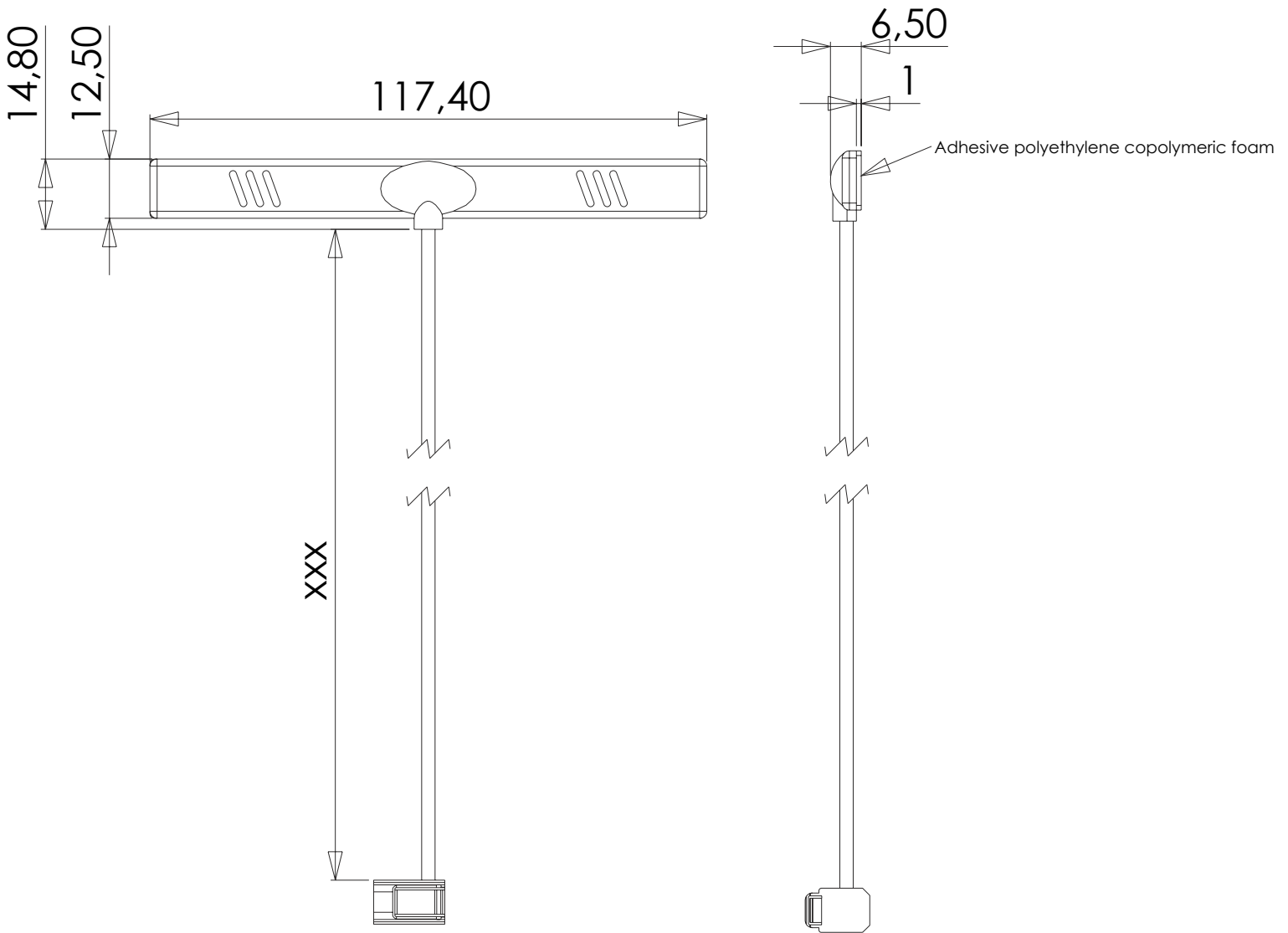


Radiation pattern reference



433 MHz Radiation pattern

#### 4. Antenna drawings



## 5. Antenna Images

