

2J5415HP-433

433 MHz Wall/Adhesive

Key Features

433MHz ISM

- 433-435 MHz

Wall/Adhesive

High Gain

Ground Plane Independent

Dimensions 60 × 112.5 × 11.3 mm

Customizable Cable and Connector



1. Antenna and electrical specifications

Parameters	433 MHz ISM Antenna
Standards	ISM, LoRa
Band (MHz)	433 MHz
Frequency (MHz)	433-435
Return Loss (dB)	~-20.3
VSWR	~1.2:1
Efficiency (%)	~46.5
Peak Gain (dBi)	~2.4
Average Gain (dB)	~-3.3
Impedance (Ohm)	50
Polarisation	Linear
Radiation Pattern	Omni-Directional
Max. Input Power (W)	50
Connector Type	SMA-Male Standard (Other Connectors Available)
Cable Length	300 cm Standard (Any Cable Length Available)
Cable Type	RG174 Standard (Other Cables Available)

Antenna Measurement Conditions:

Mounted on 30 x 30 cm Plastic Plate

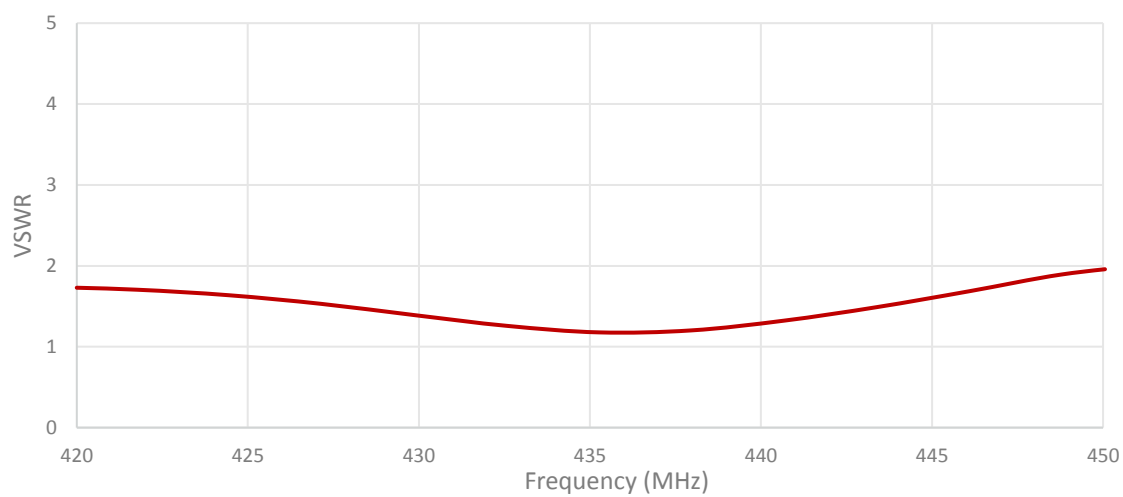
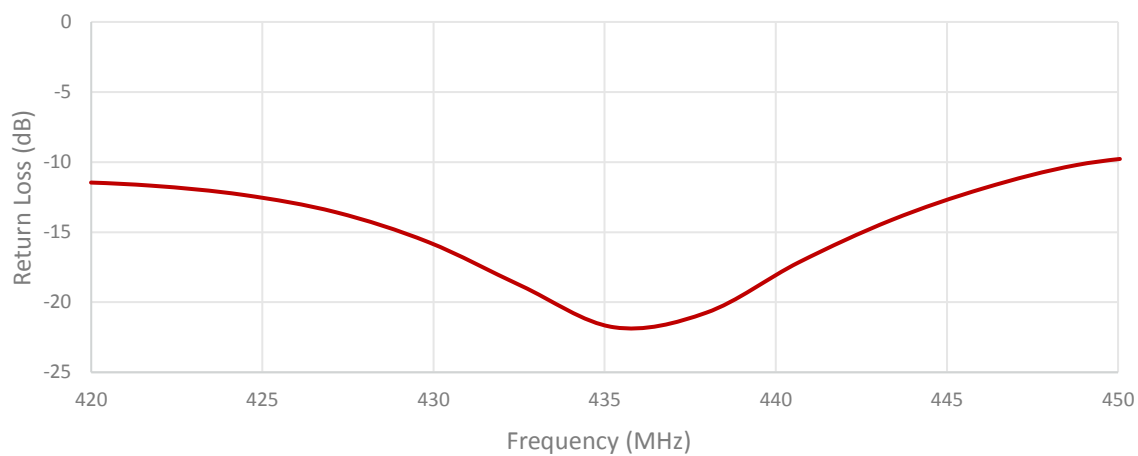
200cm of RG174 Cable

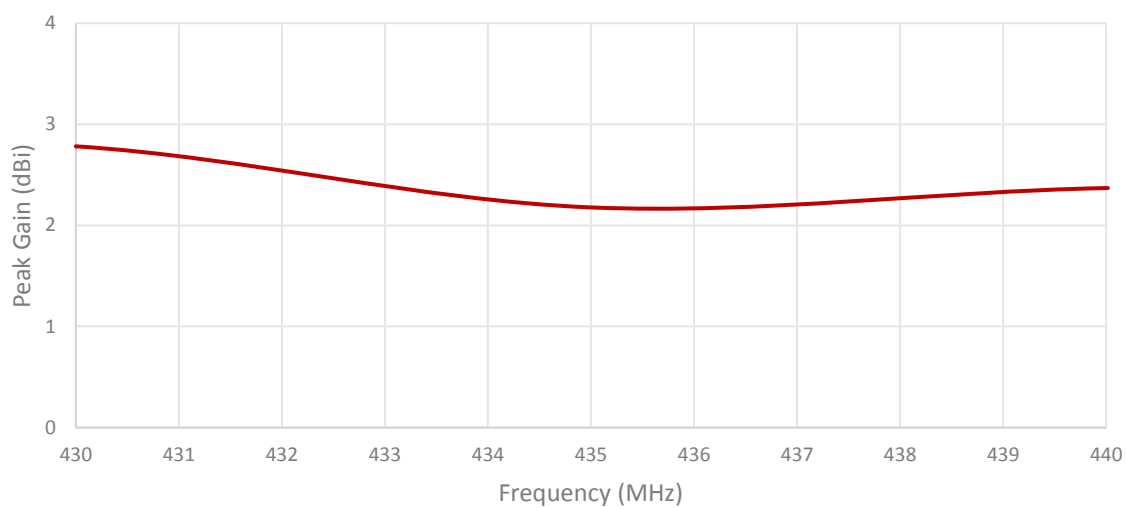
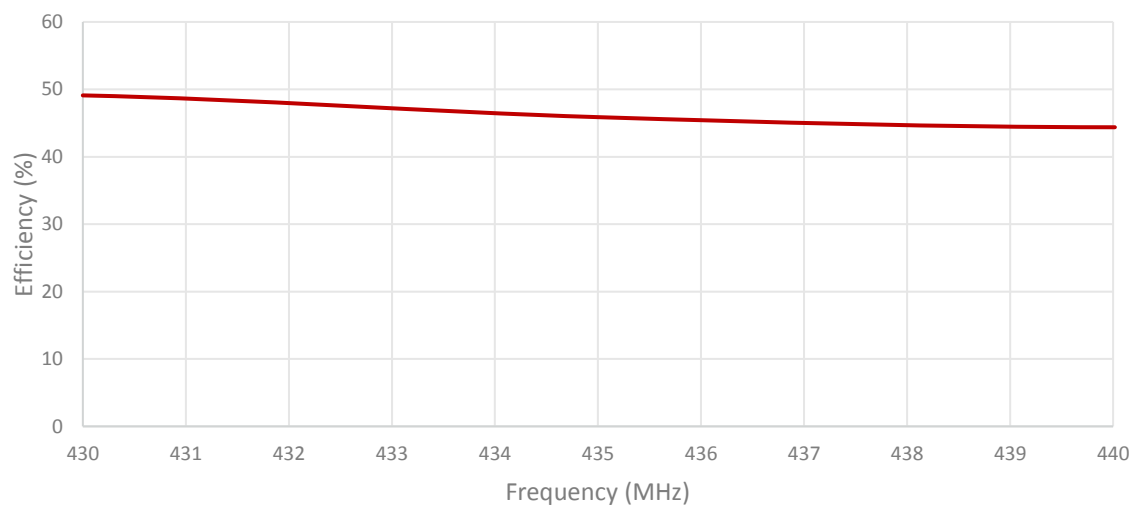
Measured in Certified CTIA 3D Anechoic Chamber

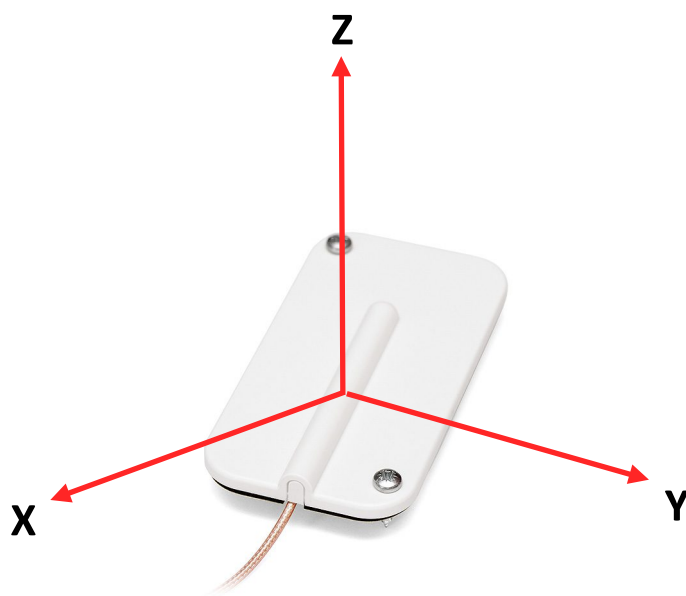
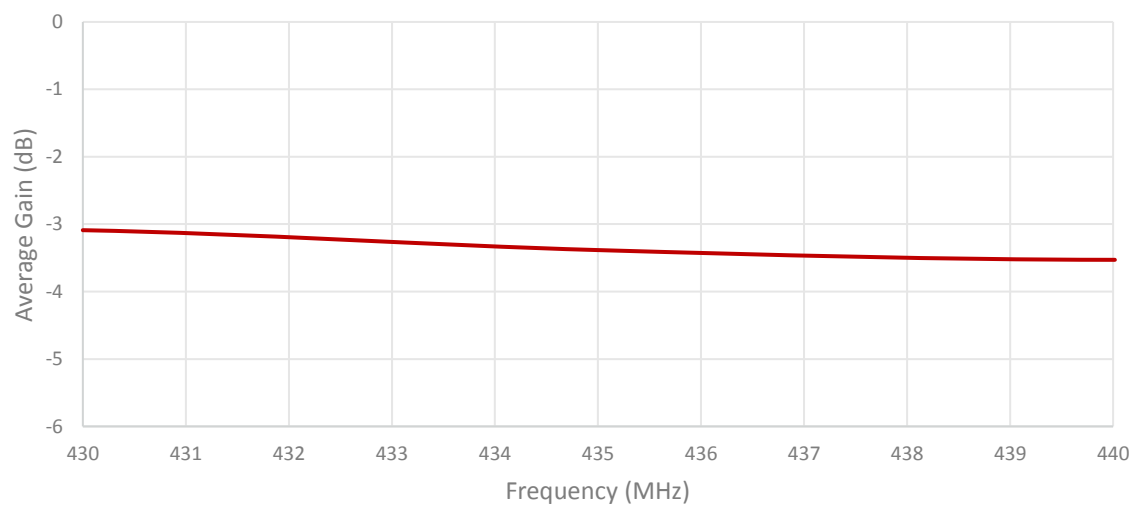
2. Mechanical and environmental specifications

Specifications	2J5415HP-433
Mounting Type	Wall/Adhesive
Dimensions (mm)	60 x 112.5 x 11.3
Radome	PC/ABS UV Stable
Radome color	Black, White
Operating Temperature (C)	-40 to +85
Storage Temperature (C)	-40 to +85
Substance Compliance	RoHS

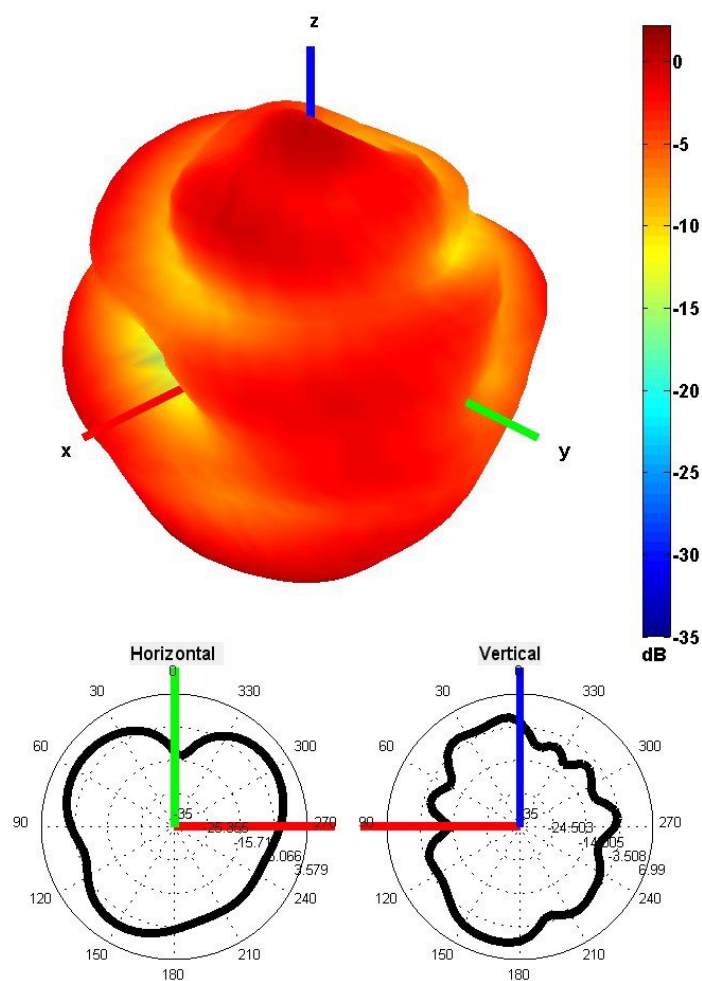
3. Antenna parameters





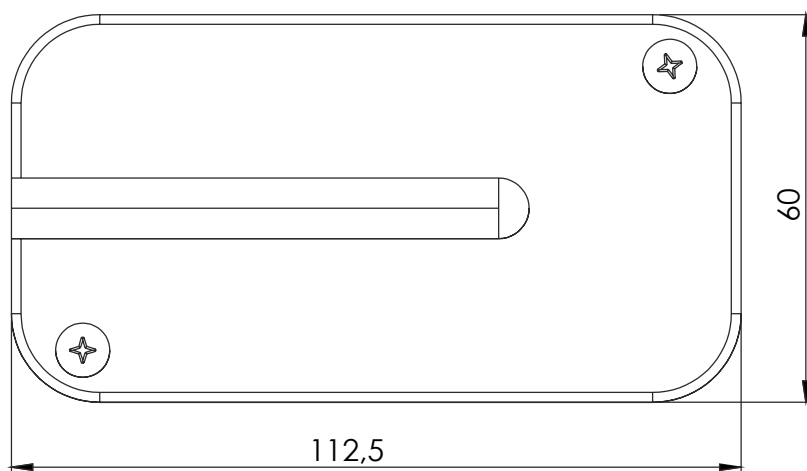
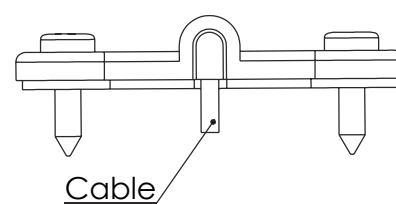
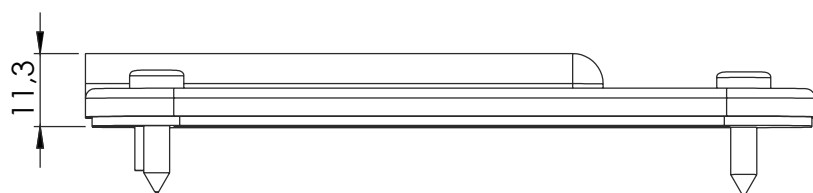


Radiation pattern reference



433 MHz Radiation pattern

4. Antenna drawings



5. Antenna Images

