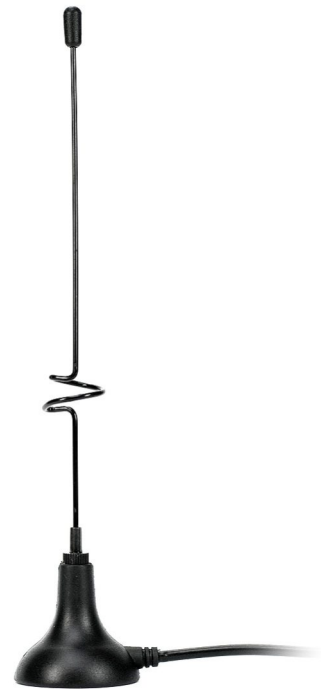


2J3415M-433

433 MHz ISM Magnetic Mount

Key Features

- 433 MHz ISM
- 433-435 MHz
- Magnetic Mount
- Low Profile
- Ground Plane Dependent
- Dimensions $\varnothing 31 \times 164$ mm
- Customized 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)	~-23.2
VSWR	~1.1:1
Efficiency (%)	~61.7
Peak Gain (dBi)	~2.1
Average Gain (dB)	~-2.2
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 60 x 60 cm Metal Plate

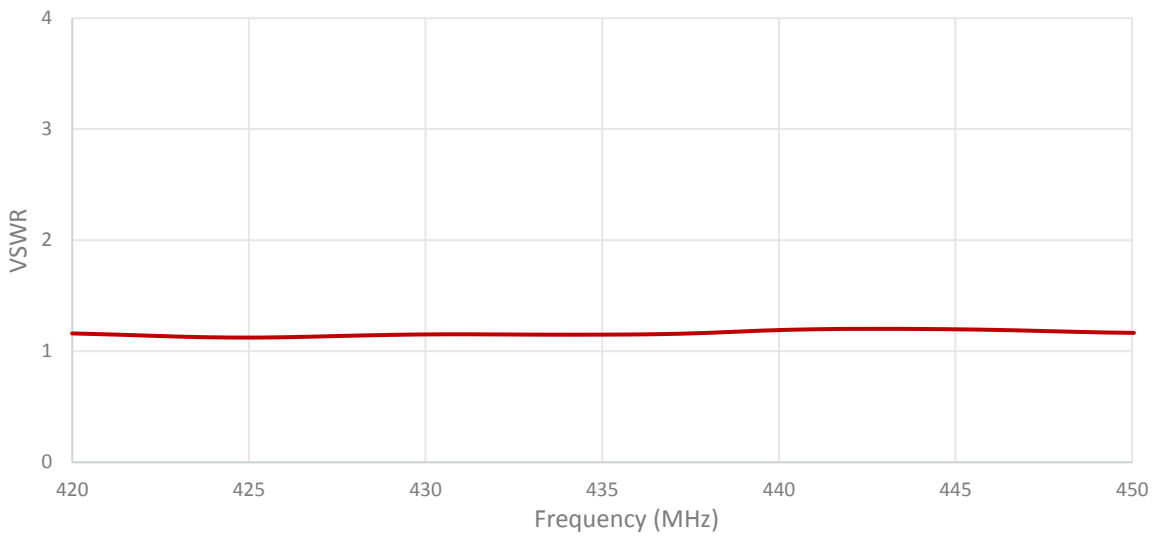
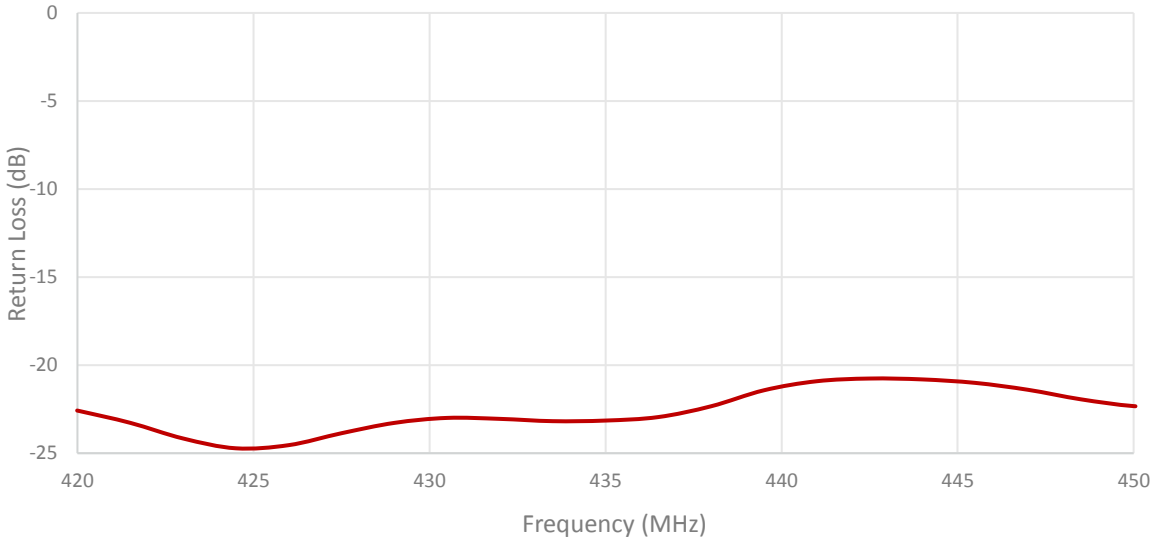
200cm of RG174 Cable

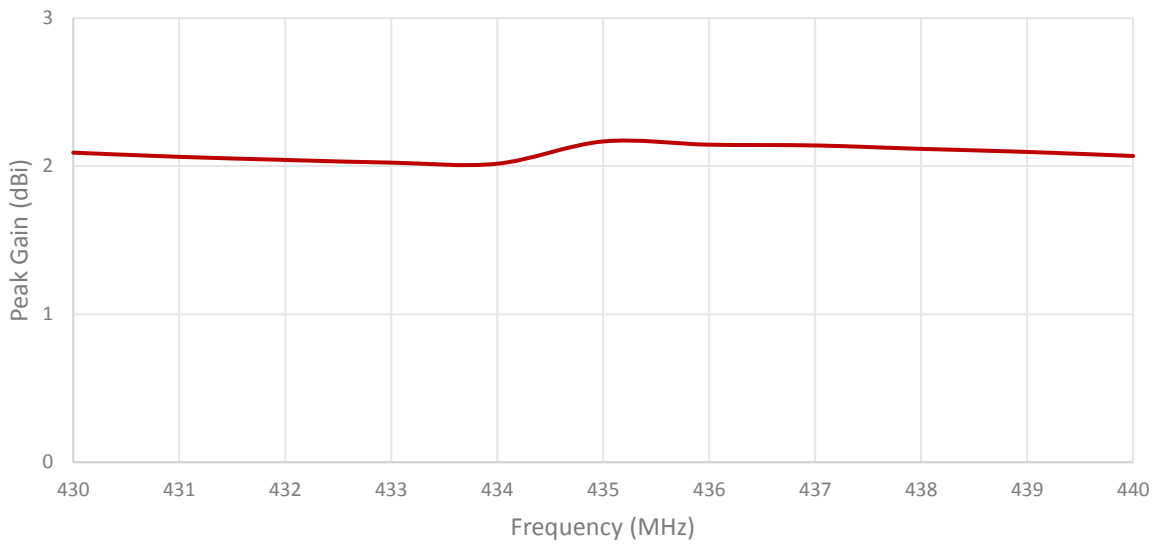
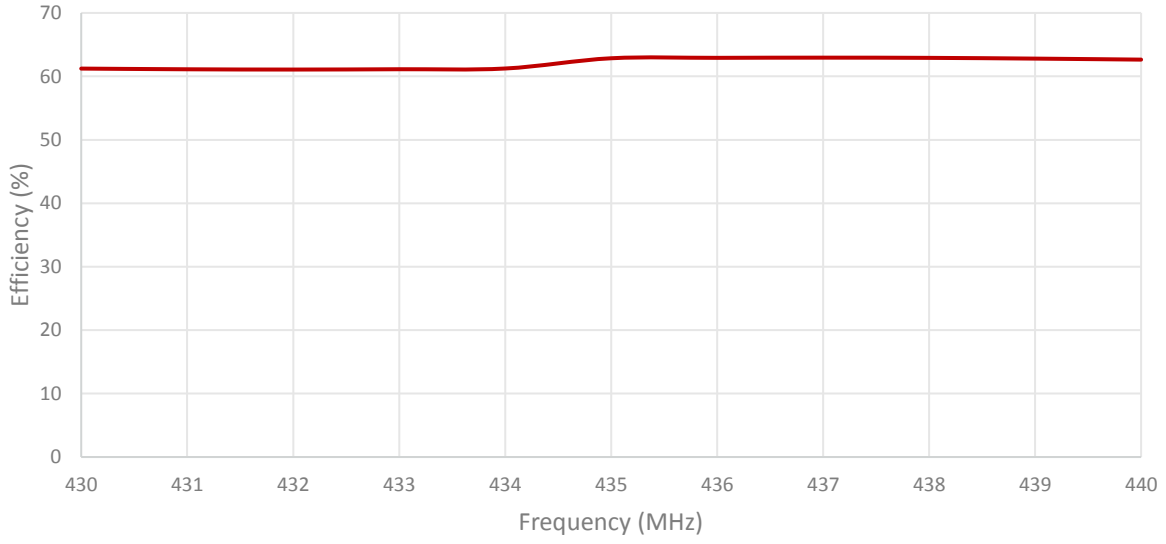
Measured in Certified CTIA 3D Anechoic Chamber

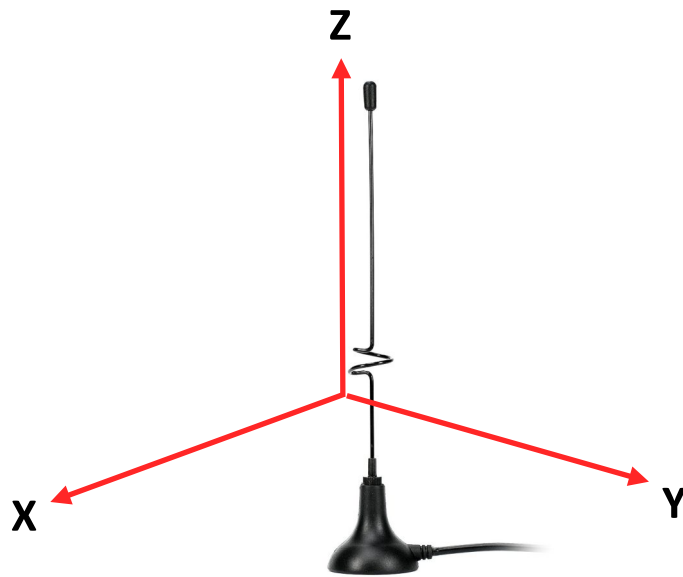
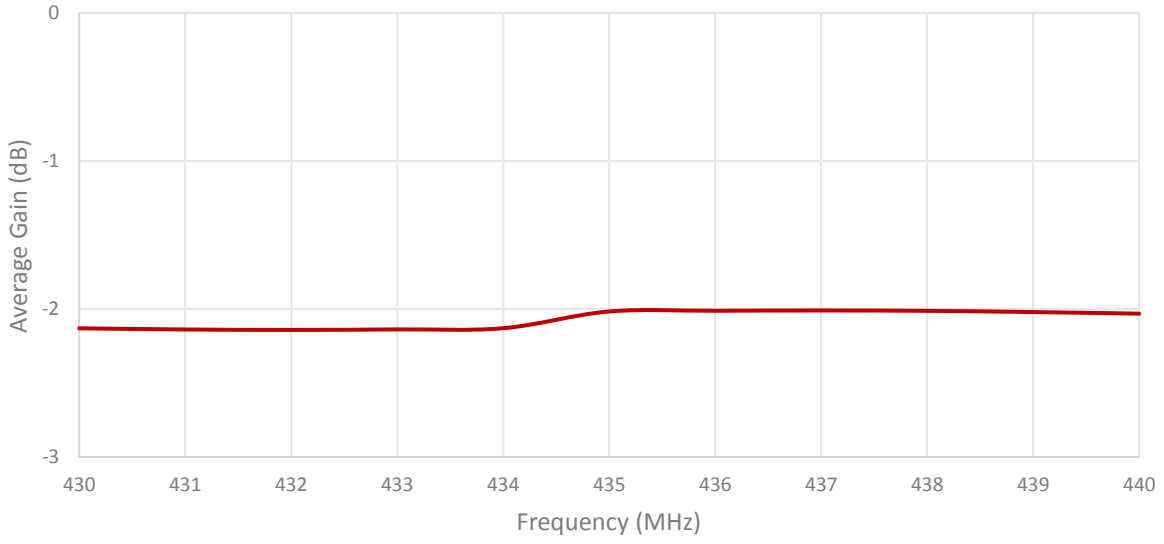
2. Mechanical and environmental specifications

Specifications	2J3415M-433
Mounting Type	Magnetic Mount
Dimensions (mm)	Ø 31 × 164
Radome	ABS/TPE
Radome color	Black
Antenna Base	Zamak
Operating Temperature (C)	-40 to +85
Storage Temperature (C)	-40 to +85
Substance Compliance	RoHS

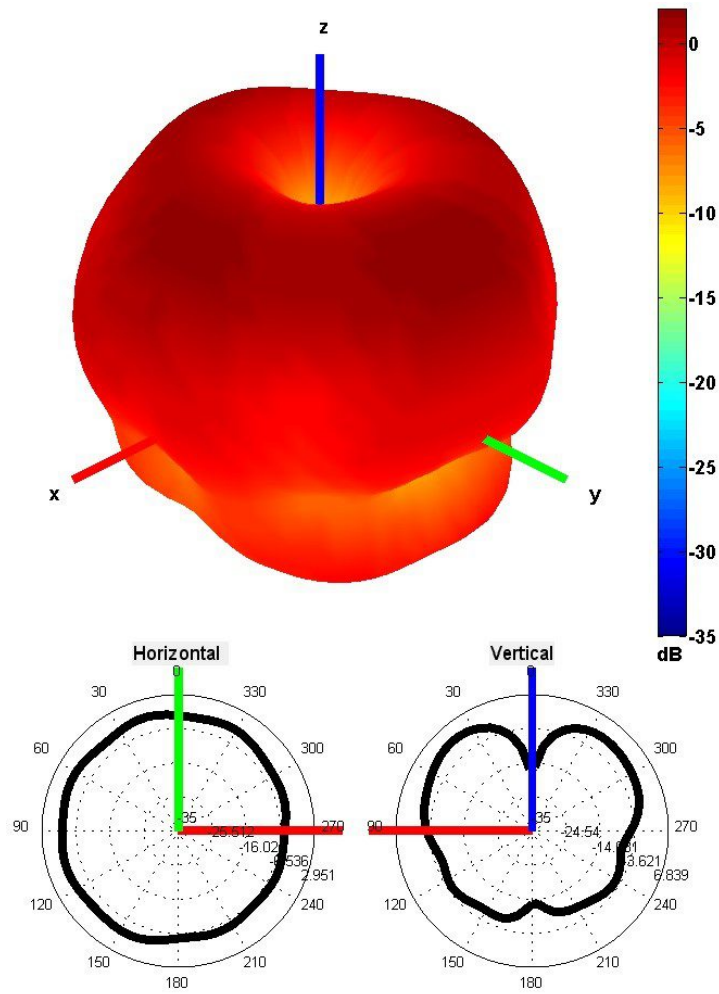
3. Antenna parameters





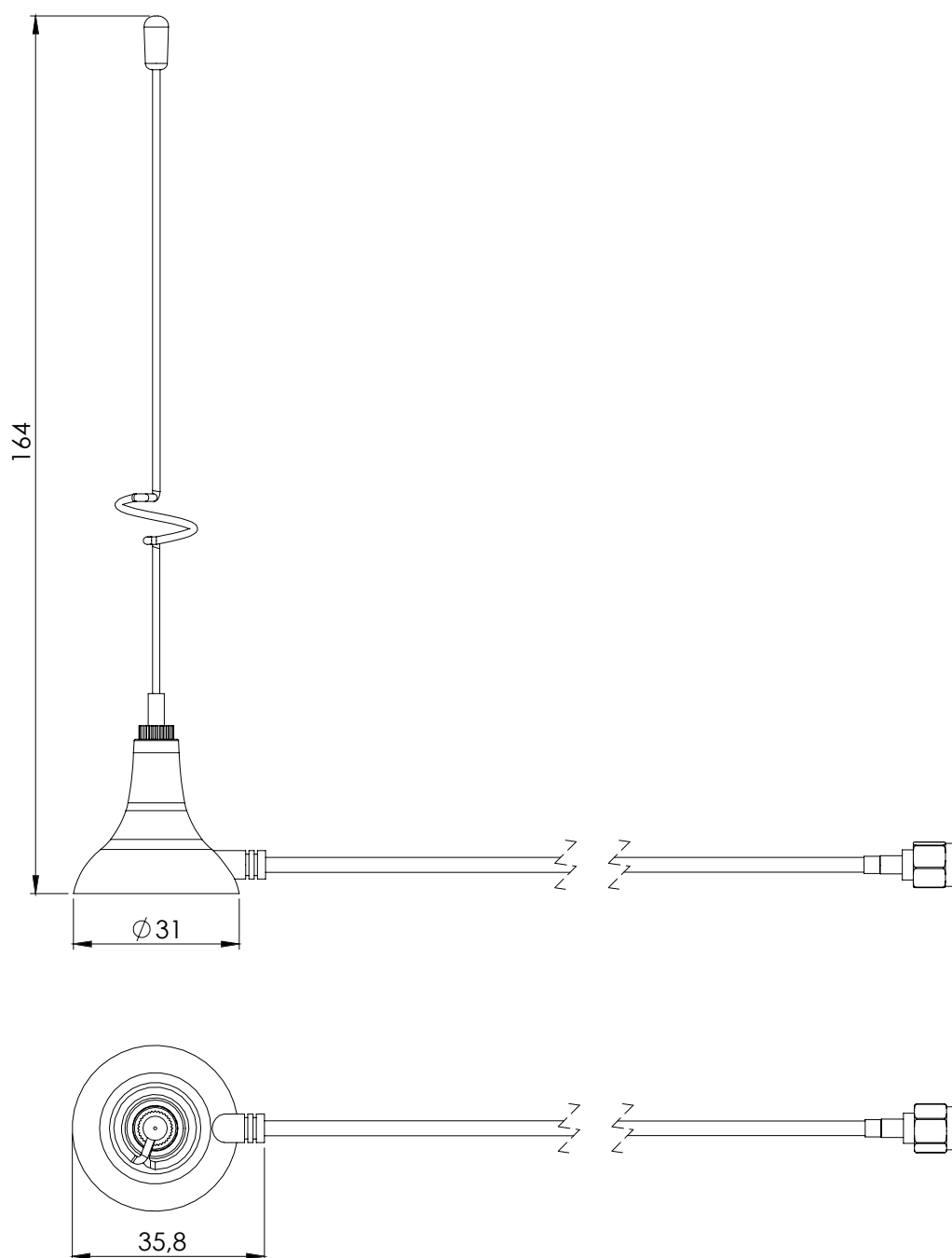


Radiation pattern reference



433 MHz Radiation pattern

4. Antenna drawings



5. Antenna Images

