

2J7715M-433

433MHz ISM Magnetic Mount

Key Features

433 MHz ISM
- 433-435 MHz
Magnetic Mount
High Performance
Ground Plane Dependent
Customizable Cable and Connector
Dimensions: Ø 54 x 68.2 mm
Certificates: IP67, IP69, IK09



1. Antenna and electrical specifications

Parameters	433 MHz ISM Antenna
Standards	ISM, LoRa
Band (MHz)	433 MHz
Frequency (MHz)	433-435
Return Loss (dB)	~-20.7
VSWR	~1.2:1
Efficiency (%)	~41.1
Peak Gain (dBi)	~2.3
Average Gain (dB)	~-3.9
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	LL100 Standard (Other Cables Available)

Antenna Measurement Conditions:

Mounted on 60 x 60 cm Ground Plane

LL100 200 cm Cable Length

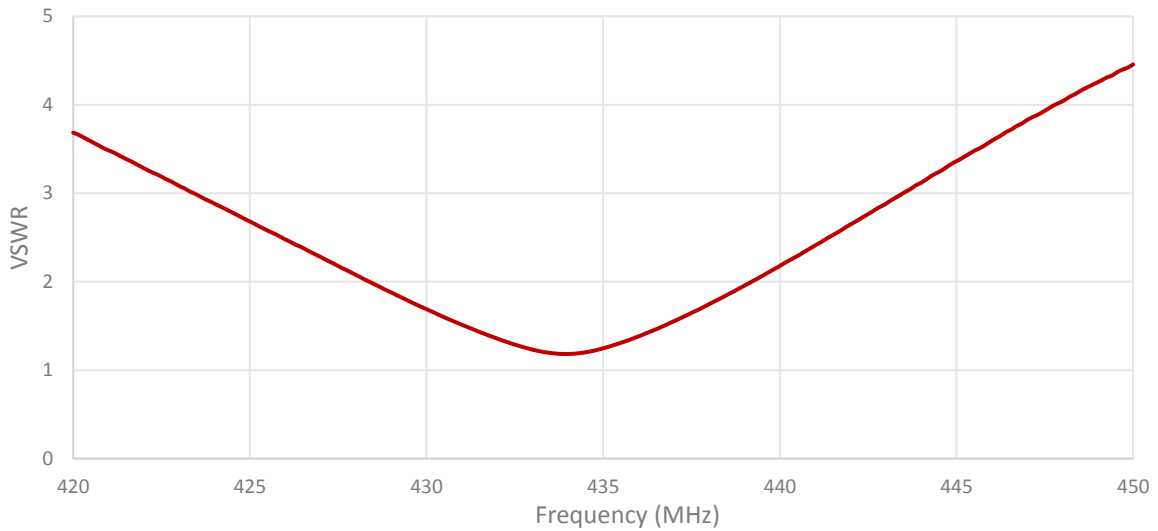
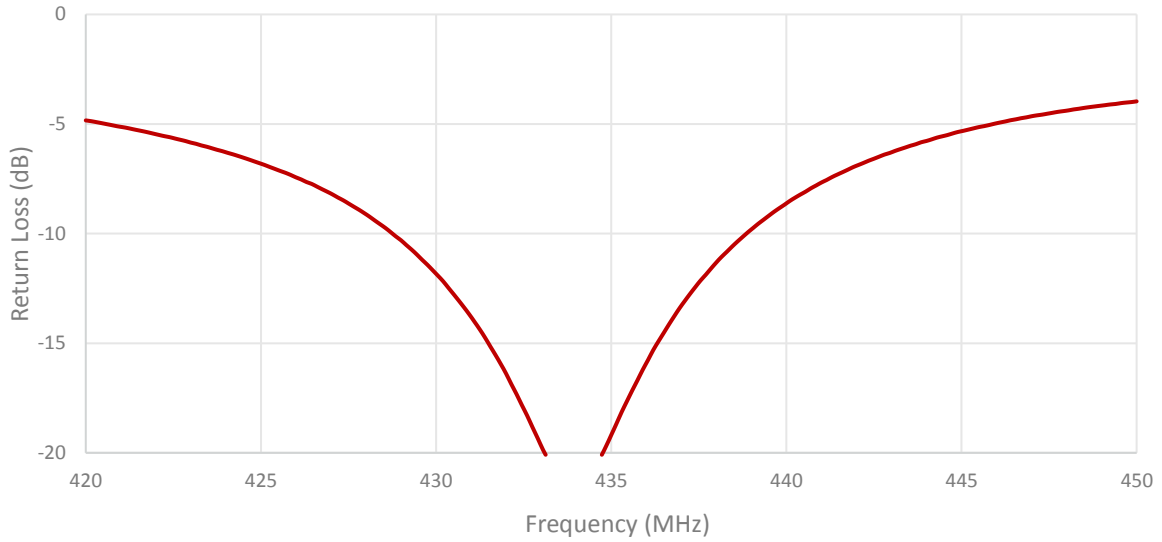
Measured in Certified CTIA 3D Anechoic Chamber

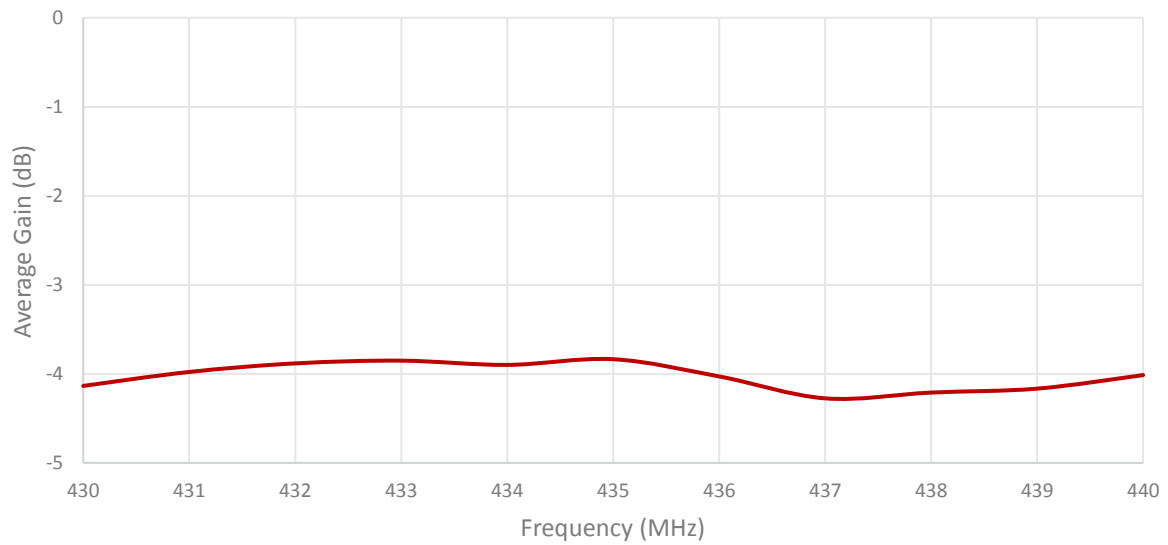
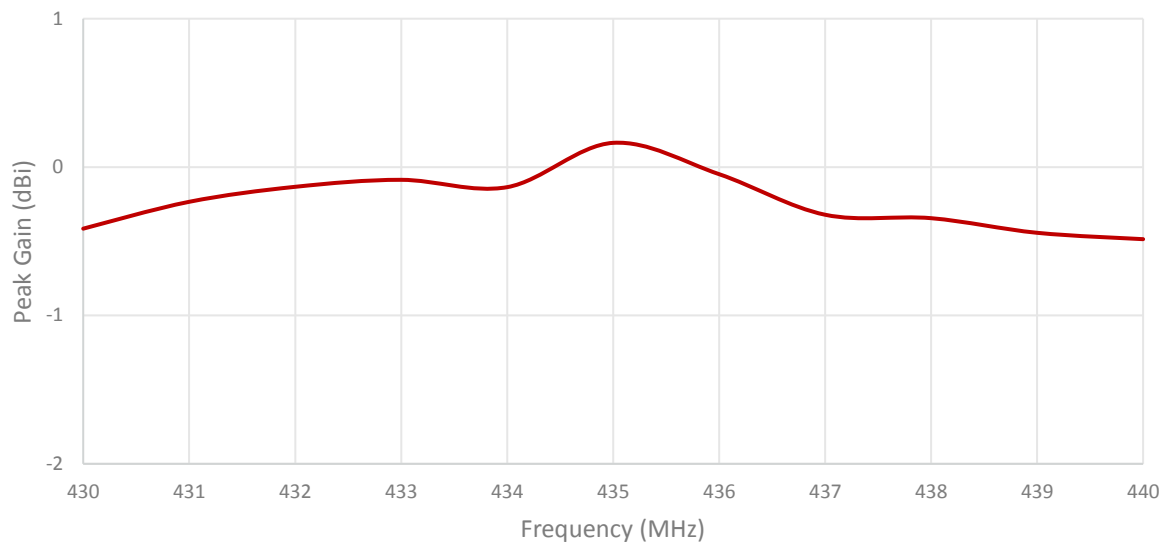
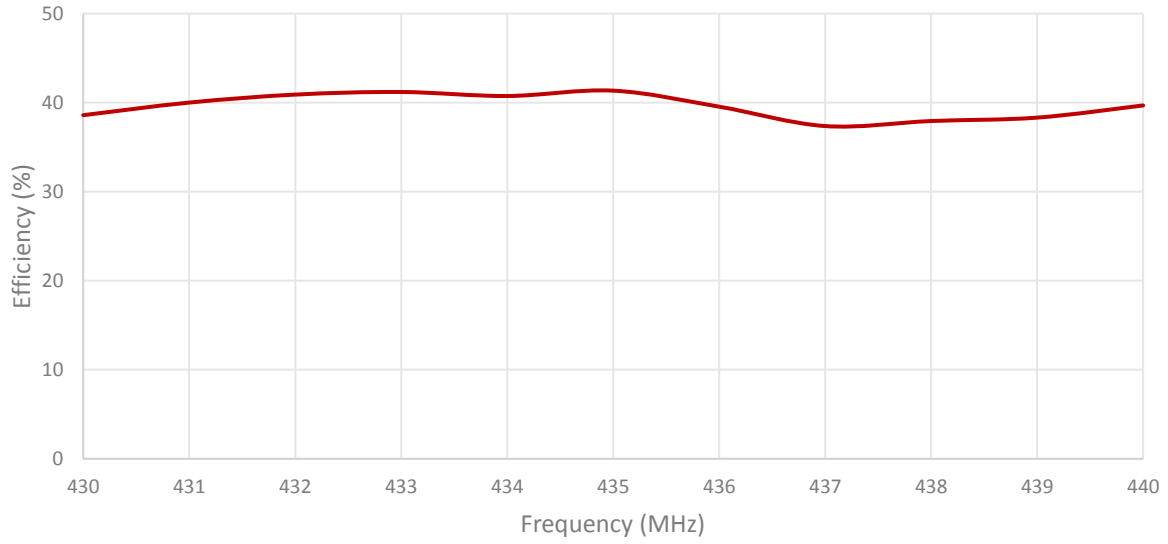
2. Mechanical and environmental specifications

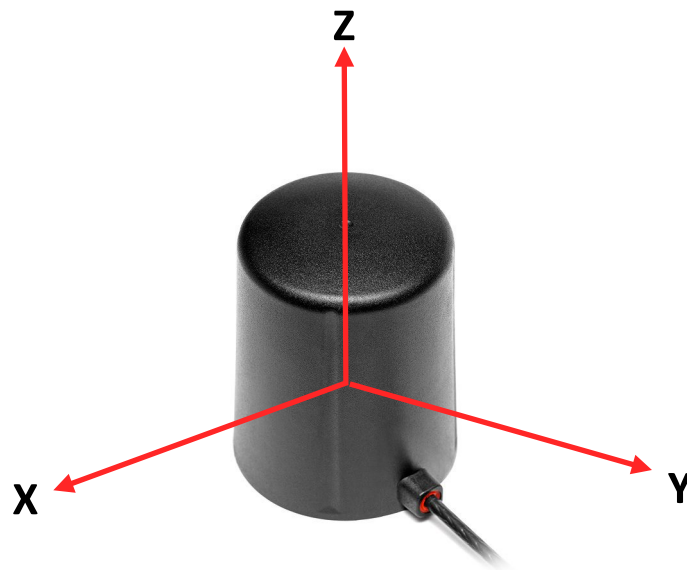
Specifications	2J7715M-433
Mounting Type	Magnetic Mount
Dimensions (mm)	Ø 54 x 68.2
Radome Type	ASA
Radome Color	Black
Antenna Base	Zamak
Operating Temperature (C)	-40 to +85
Storage Temperature (C)	-40 to +85
Substance Compliance	RoHS
Certificates	IP67, IP69, IK09

3. Antenna parameters

Cable 1: 433 MHz ISM

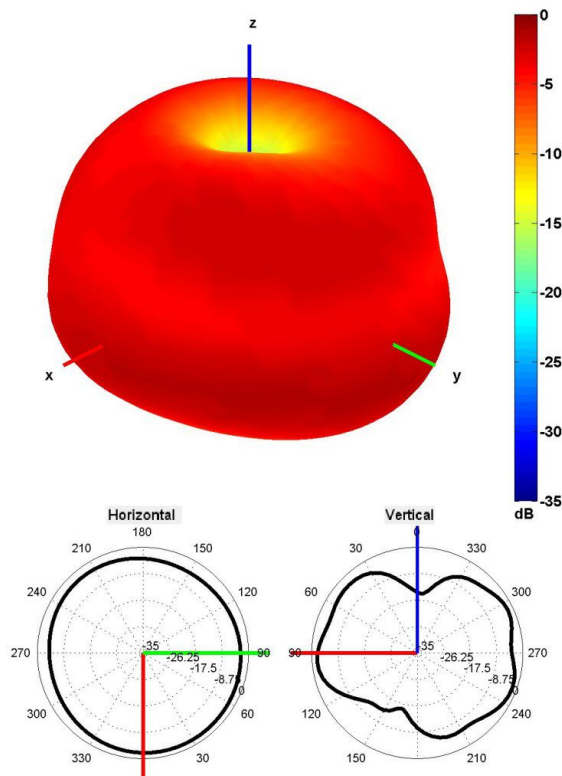






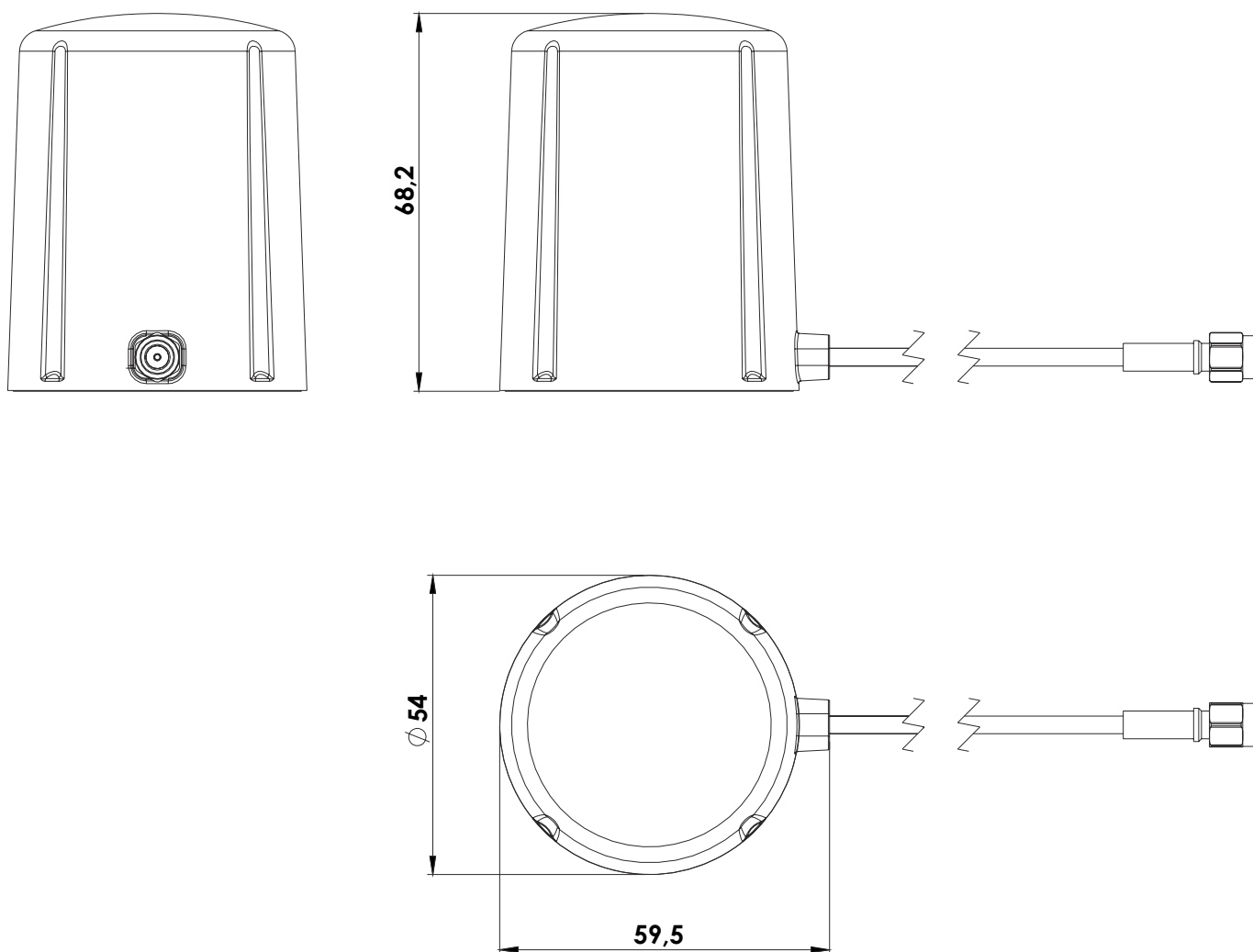
Radiation pattern reference

Cable 1: 433 MHz ISM



433 MHz Radiation pattern

4. Antenna drawings



5. Antenna Images

