

2J0710-C708N

433 MHz ISM Connector Mount

Key Features

433 MHz ISM
- 433-435 MHz
Connector Mount
Ground Plane Dependent
Low Profile
Dimensions 13.2 x 54.6 mm



1. Antenna and electrical specifications

| Parameters | 433 MHz ISM Antenna |
|-----------------------------|---------------------|
| Standards | ISM, LoRa |
| Band (MHz) | 433 MHz |
| Frequency (MHz) | 433-435 |
| Return Loss (dB) | ~-13.2 |
| VSWR | ~1.6:1 |
| Efficiency (%) | ~50 |
| Peak Gain (dBi) | ~-1.1 |
| Average Gain (dB) | ~-3.0 |
| Impedance (Ohm) | 50 |
| Polarisation | Linear |
| Radiation Pattern | Omni-Directional |
| Max. Input Power (W) | 25 |
| Connector Type | SMA-Male Standard |

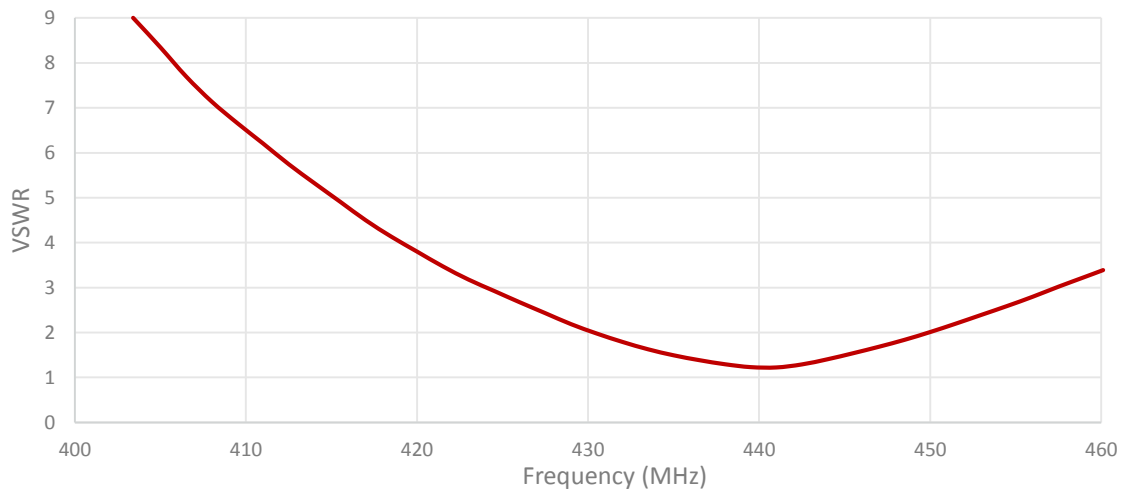
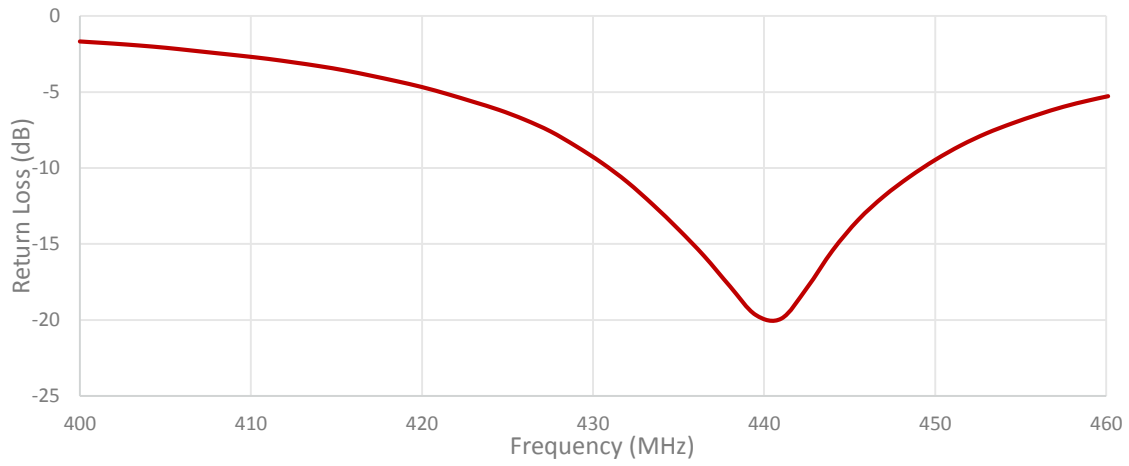
Antenna Measurement Conditions:

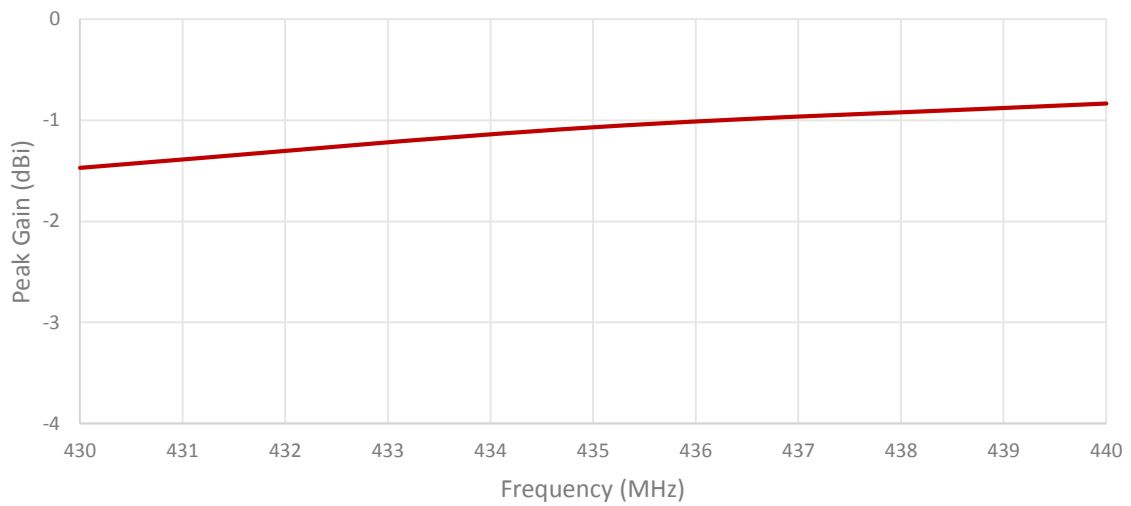
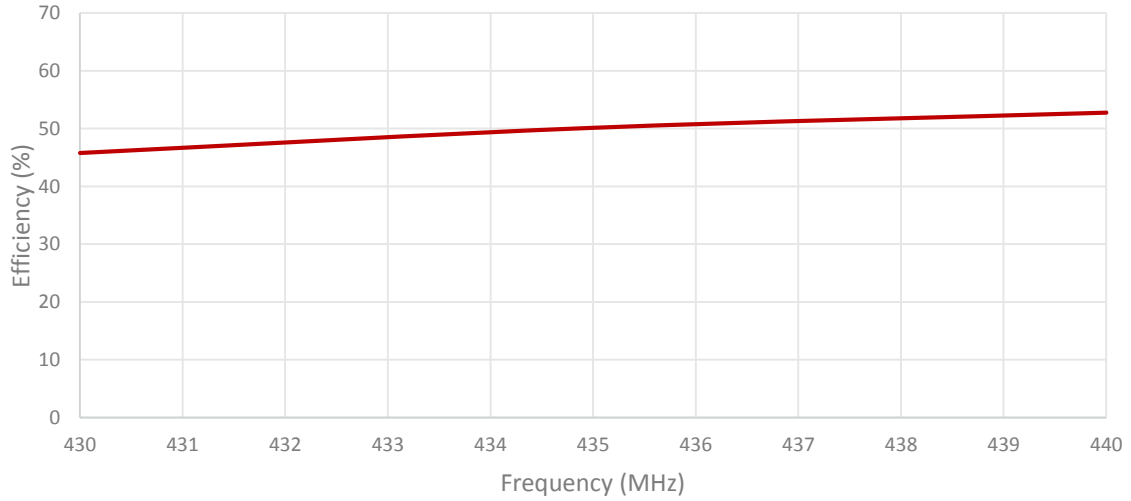
Mounted on Ground Plane of 150x50 mm
 Measured in Certified CTIA 3D Anechoic Chamber

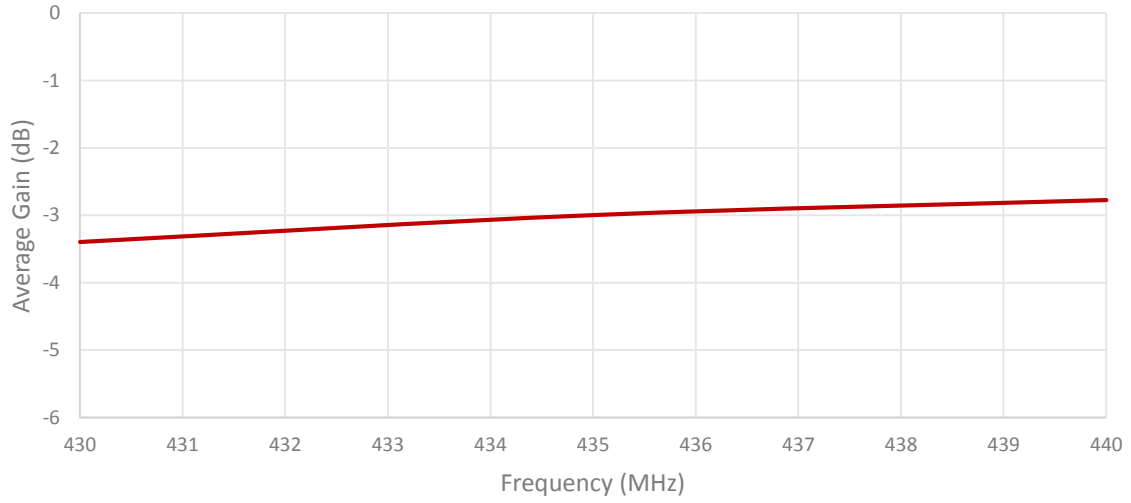
2. Mechanical and environmental specifications

| Specifications | 2J0710-C708N |
|----------------------------------|-----------------|
| Mounting Type | Connector Mount |
| Dimensions (mm) | 13.2 x 54.6 |
| Radome | TPE |
| Radome color | Black |
| Operating Temperature (C) | -40 to +85 |
| Storage Temperature (C) | -40 to +85 |
| Substance Compliance | RoHS |

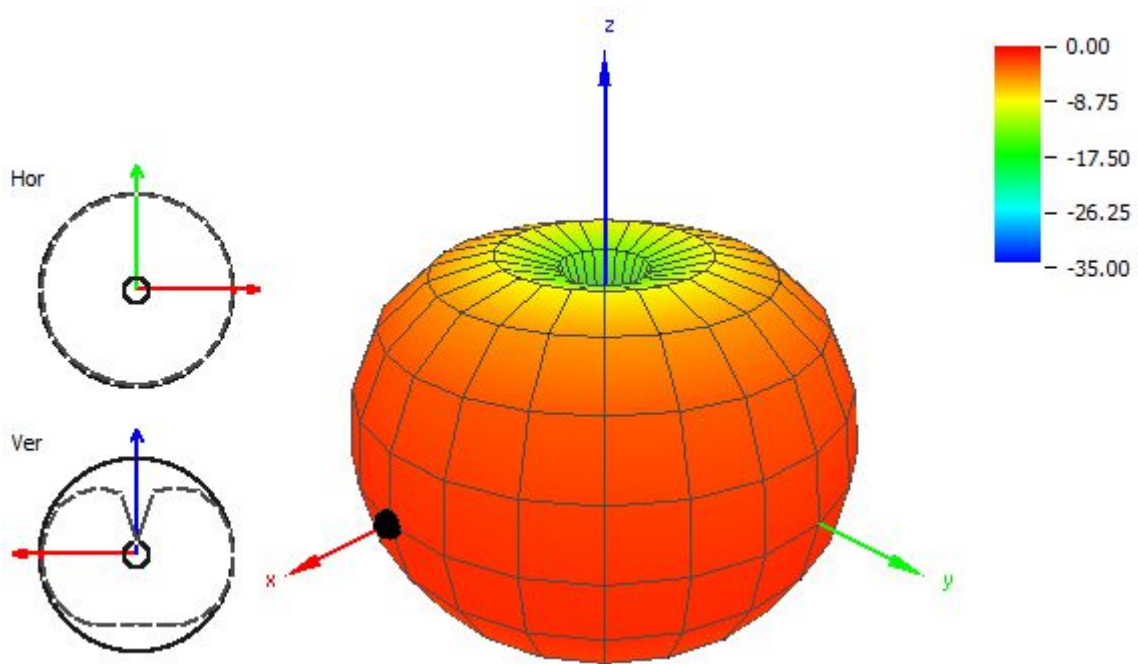
3. Antenna parameters





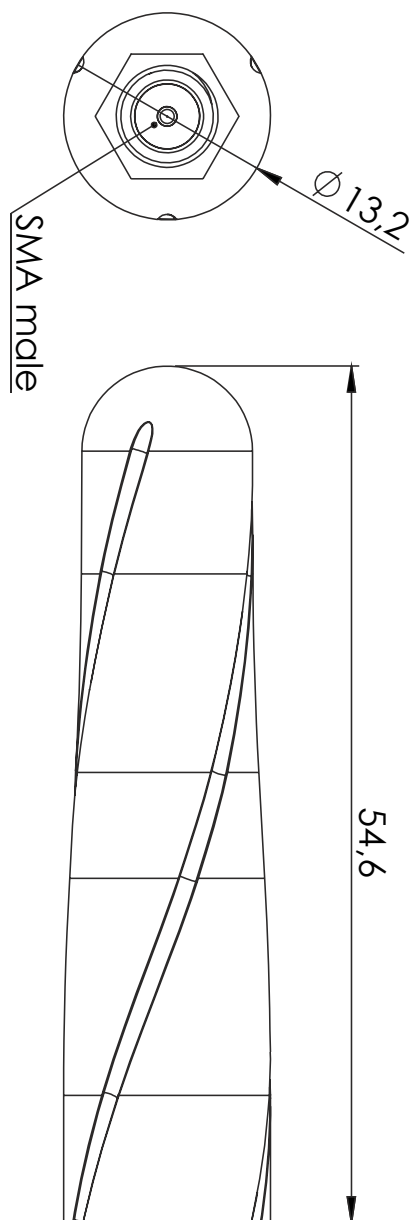


Radiation pattern reference



433 MHz Radiation pattern

4. Antenna drawings



5. Antenna Images

