

2J6615B-915

915 MHz ISM Screw Mount

Key Features

915 MHz ISM
- 902-928 MHz
Screw Mount
Low Profile
Ground Plane Dependent
Customized Cable and Connector
Dimensions 77.3 × 15 mm
Certificates: IP67, IP69K



1. Antenna and electrical specifications

| Parameters | 915 MHz ISM Antenna |
|-----------------------------|---|
| Standards | ZigBee, ISM, SIGFOX, LoRa |
| Band (MHz) | 915 MHz |
| Frequency (MHz) | 902-928 |
| Return Loss (dB) | ~-13.5 |
| VSWR | ~1.5:1 |
| Efficiency (%) | ~33.5 |
| Peak Gain (dBi) | ~0.85 |
| Average Gain (dB) | ~-4.7 |
| Impedance (Ohm) | 50 |
| Polarisation | Linear |
| Radiation Pattern | Omni-Directional |
| Max. Input Power (W) | 25 |
| Connector Type | Most RF Connectors (SMA-Male Standard) |
| Cable Length | Any Cable Length (300cm Standard) |
| Cable Type | Other Cables Available (RG174 Standard) |

Antenna Measurement Conditions:

Mounted on 30x30 cm Metal Plate

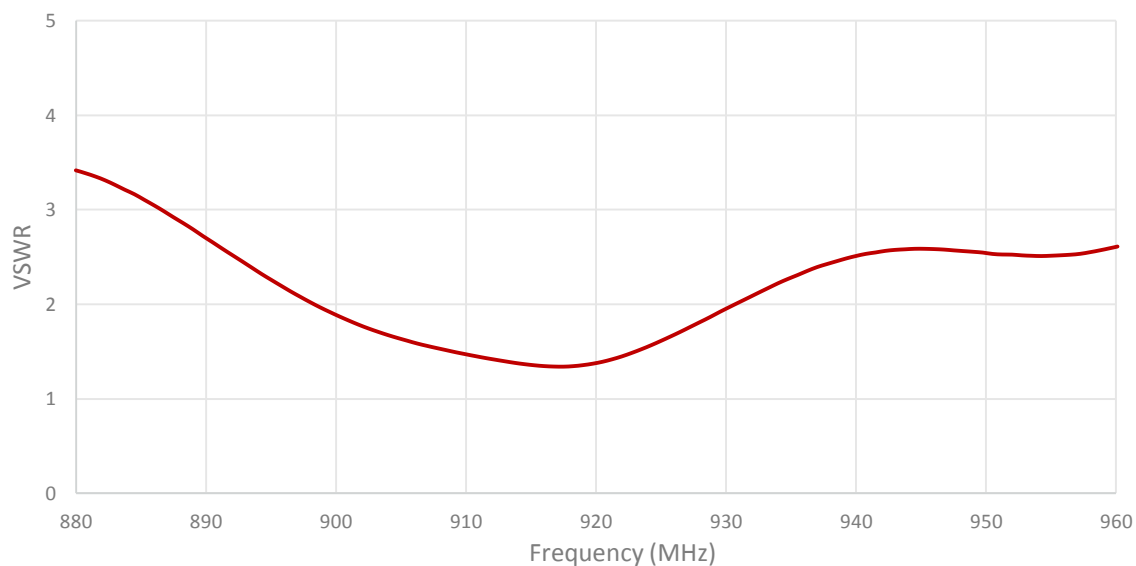
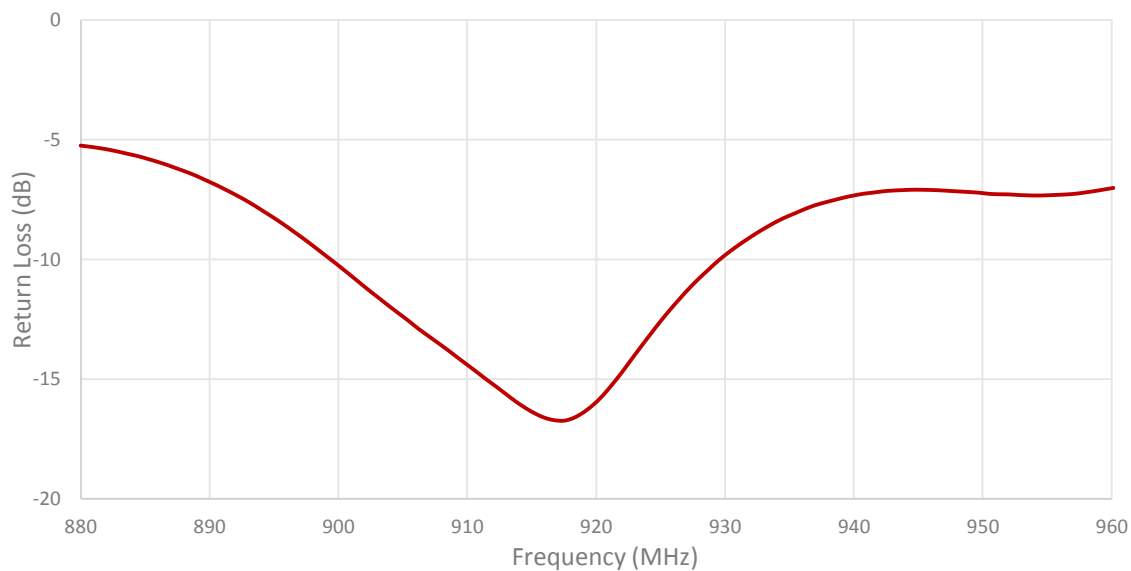
200 cm RG174 Cable

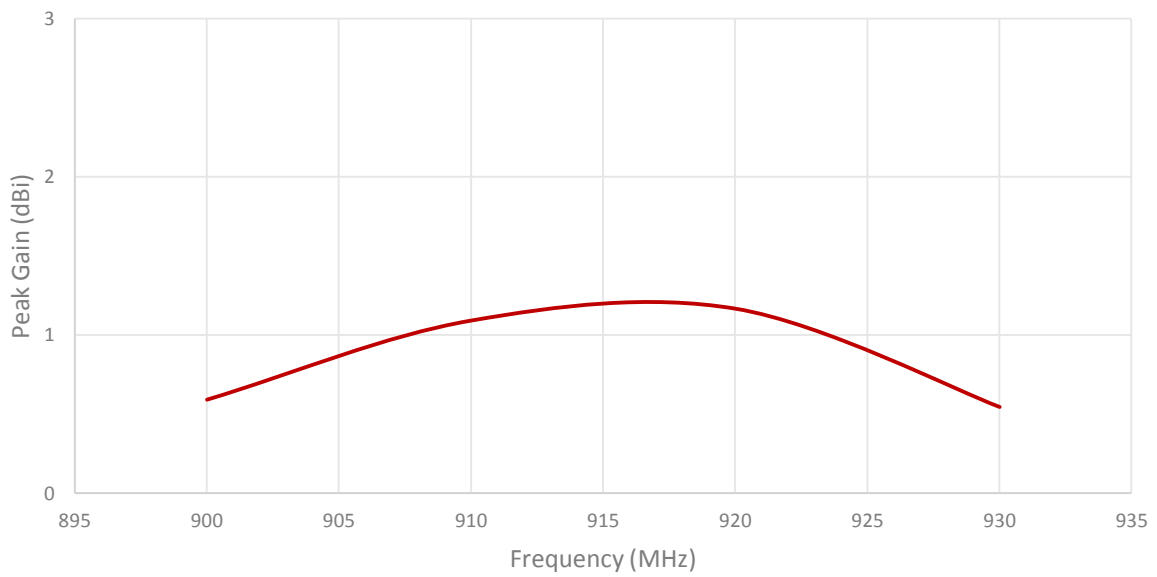
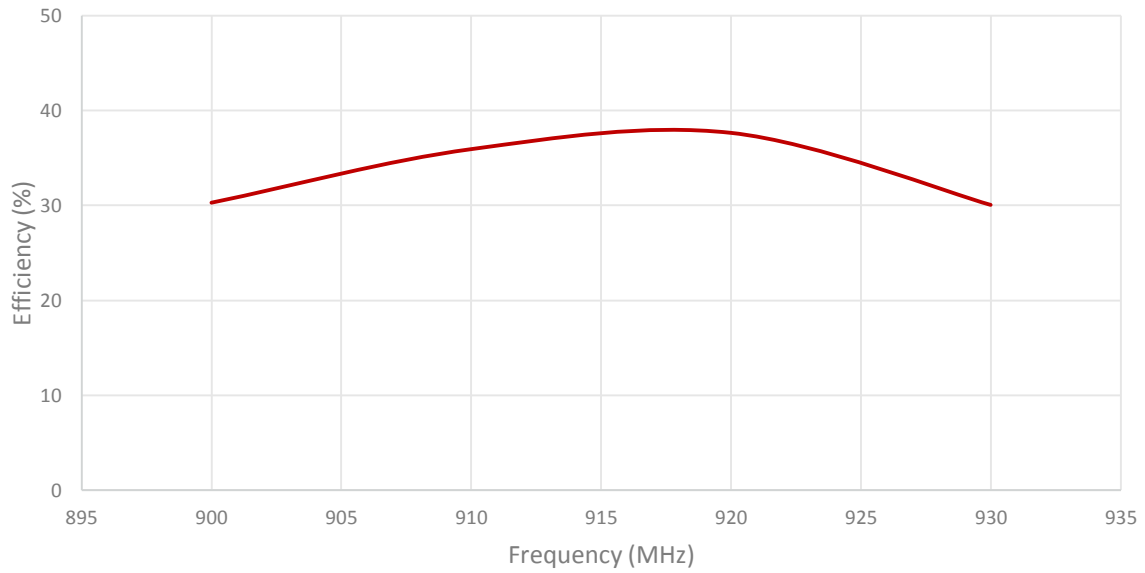
Measured in Certified CTIA 3D Anechoic Chamber

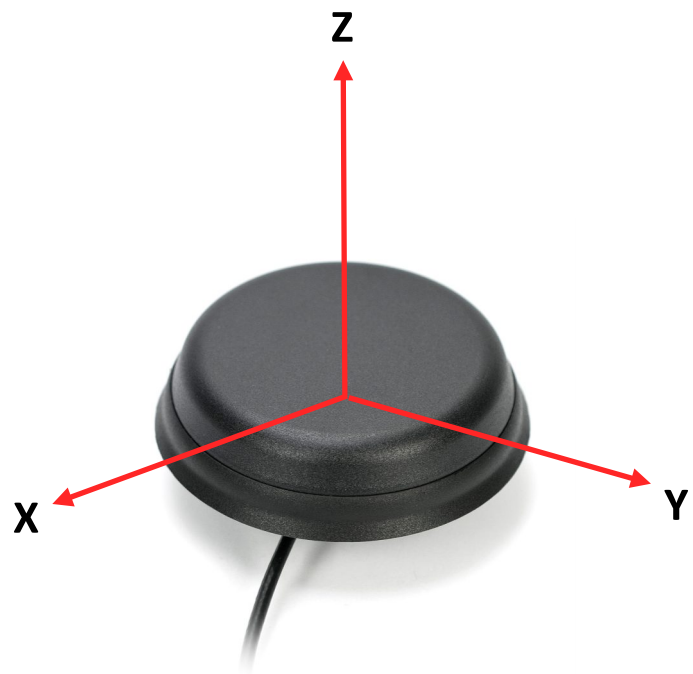
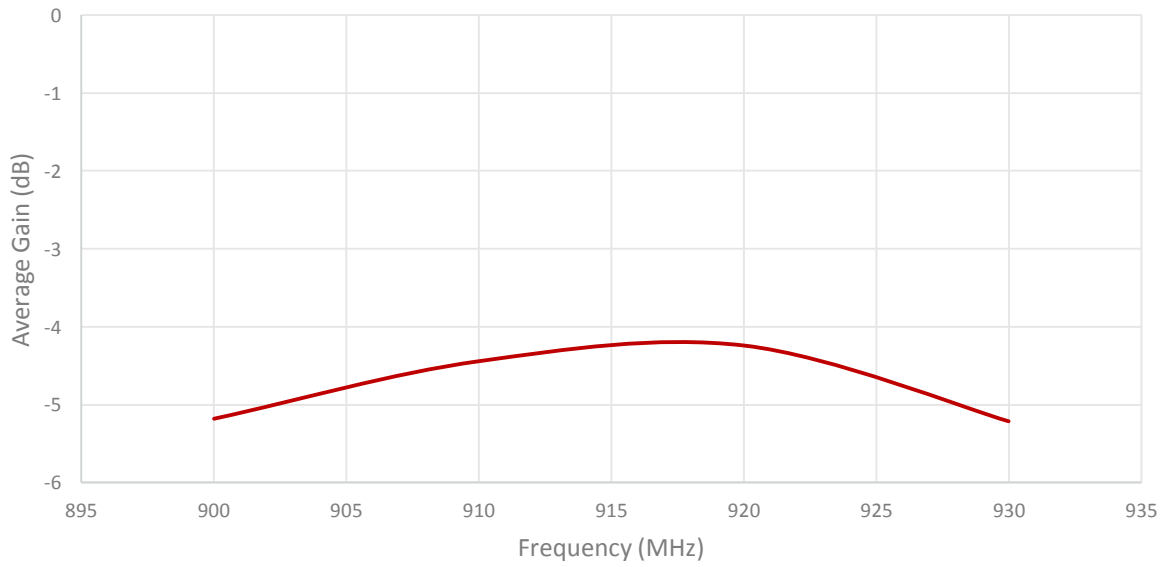
2. Mechanical and environmental specifications

| Specifications | 2J6615B-915 |
|----------------------------------|-------------|
| Mounting Type | Screw Mount |
| Dimensions (mm) | 77.3 x 15 |
| Max. Tighten Torque (Nm) | 6 Nm |
| Radome | ASA |
| Radome color | Black |
| Antenna Base | Zamak |
| Gasket | TPE |
| Operating Temperature (C) | -40 to +85 |
| Storage Temperature (C) | -40 to +85 |
| Substance Compliance | RoHS |
| Certificates | IP67, IP69K |

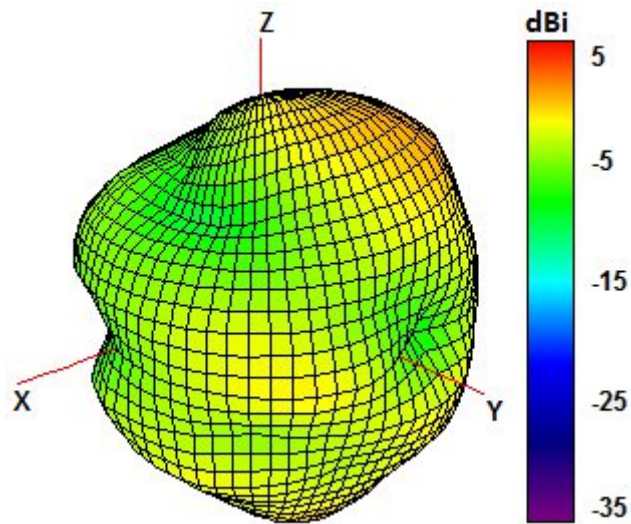
3. Antenna parameters





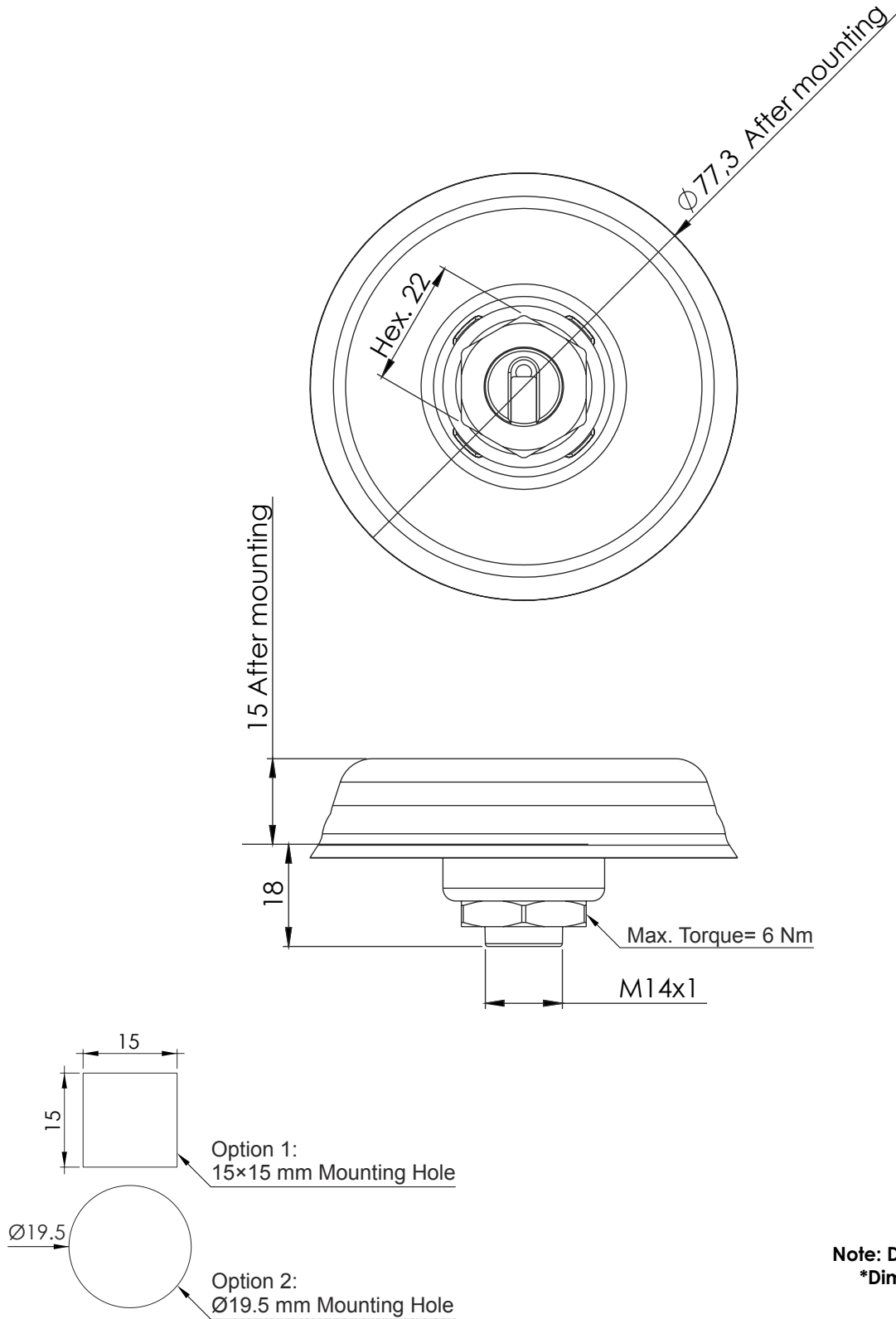


Radiation pattern reference



915 MHz Radiation pattern

4. Antenna drawings



Note: Dimensions are in millimeters
 *Dimensions are after mounting
 **Max. Torque= 6 Nm

5. Antenna Images

