

2J2024B-915

915 MHz ISM Screw Mount

Key Features

915 MHz ISM

- 902-928 MHz

Screw Mount

High Gain 3 dBi

Omni-Directional

Ground Plane Independent

Customized Cable and Connector

Dimensions 170 × Ø 22 mm



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)	~-12.2
VSWR	~1.6:1
Efficiency (%)	~55
Peak Gain (dBi)	~3.0
Average Gain (dB)	~-2.6
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 (LMR195 Standard)

Antenna Measurement Conditions:

Free Space

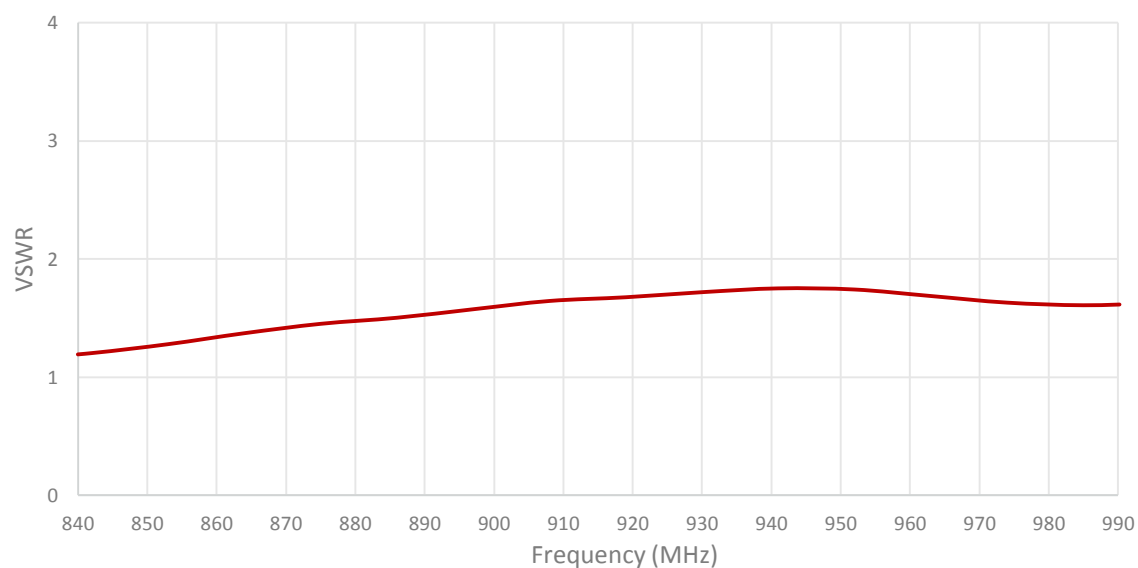
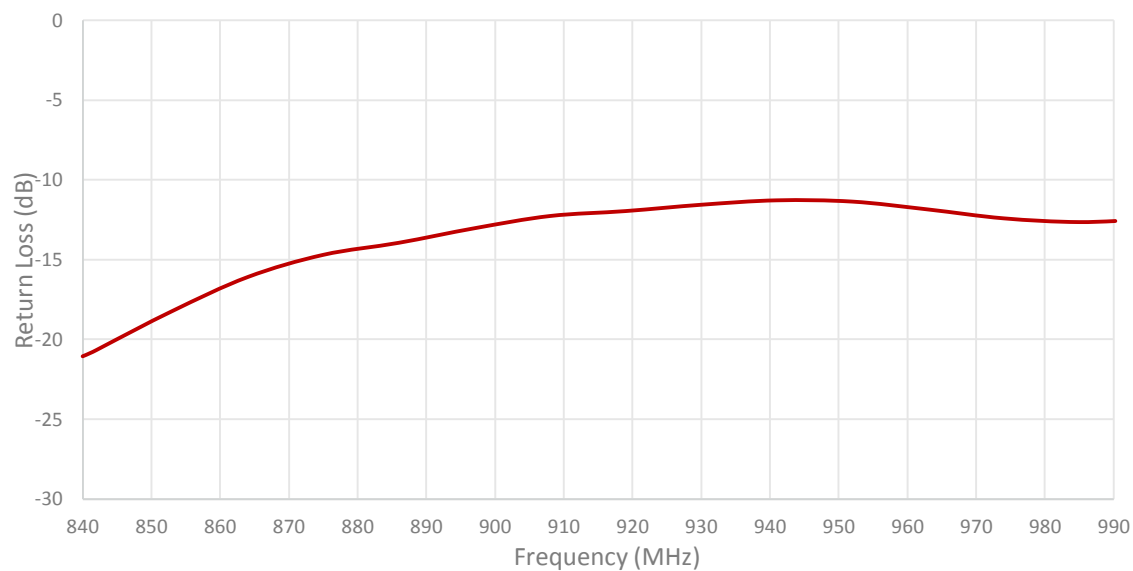
200 cm LMR195 Cable

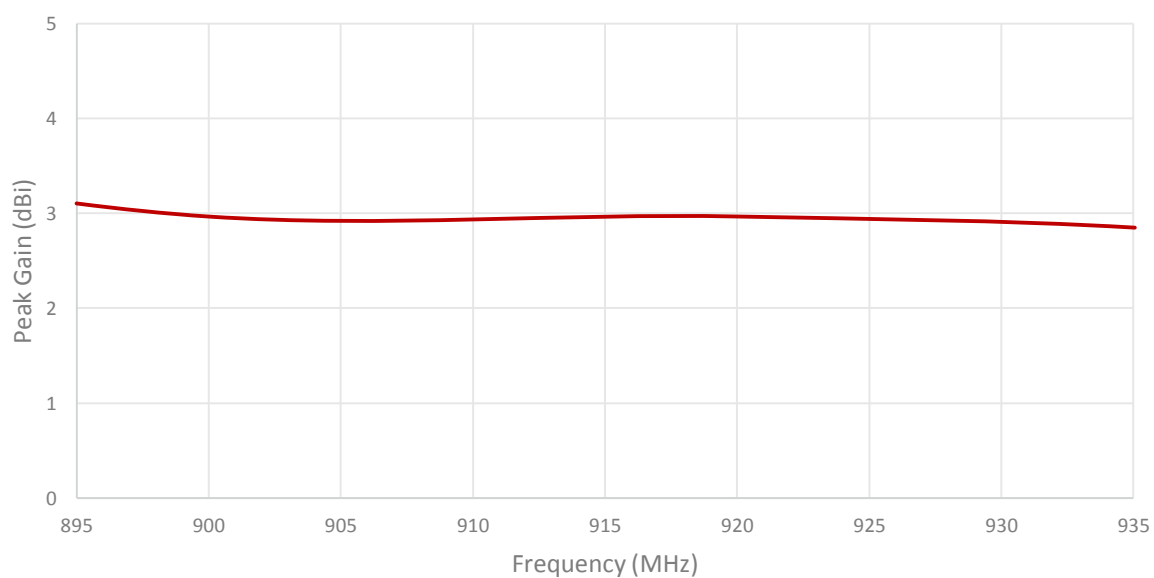
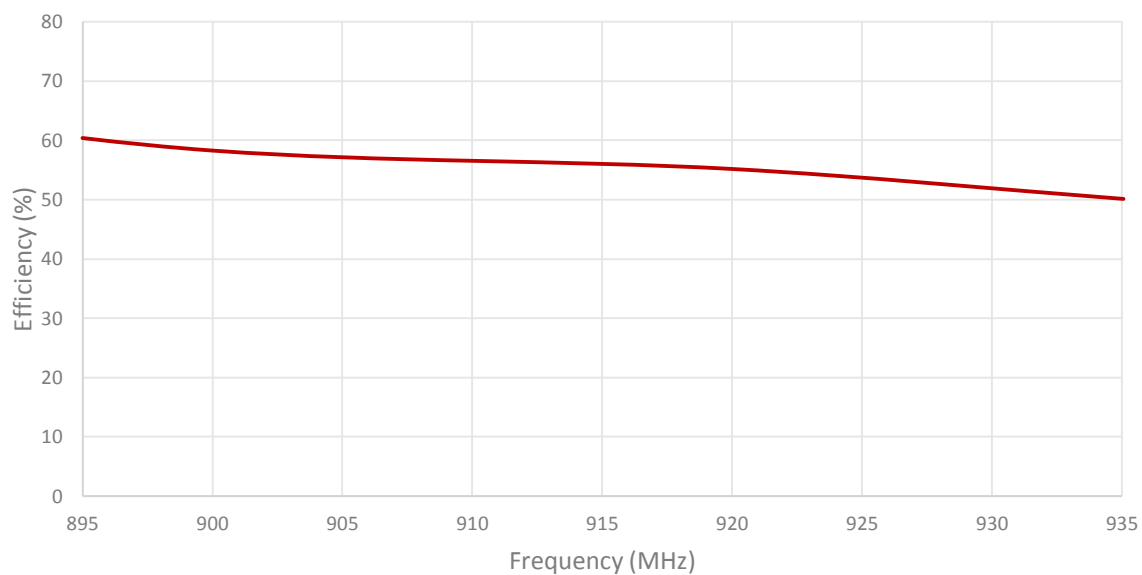
Measured in Certified CTIA 3D Anechoic Chamber

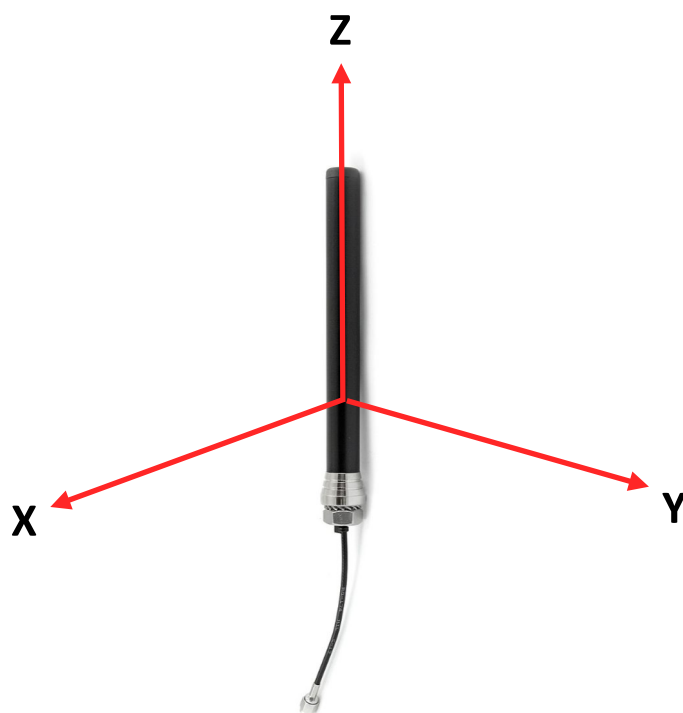
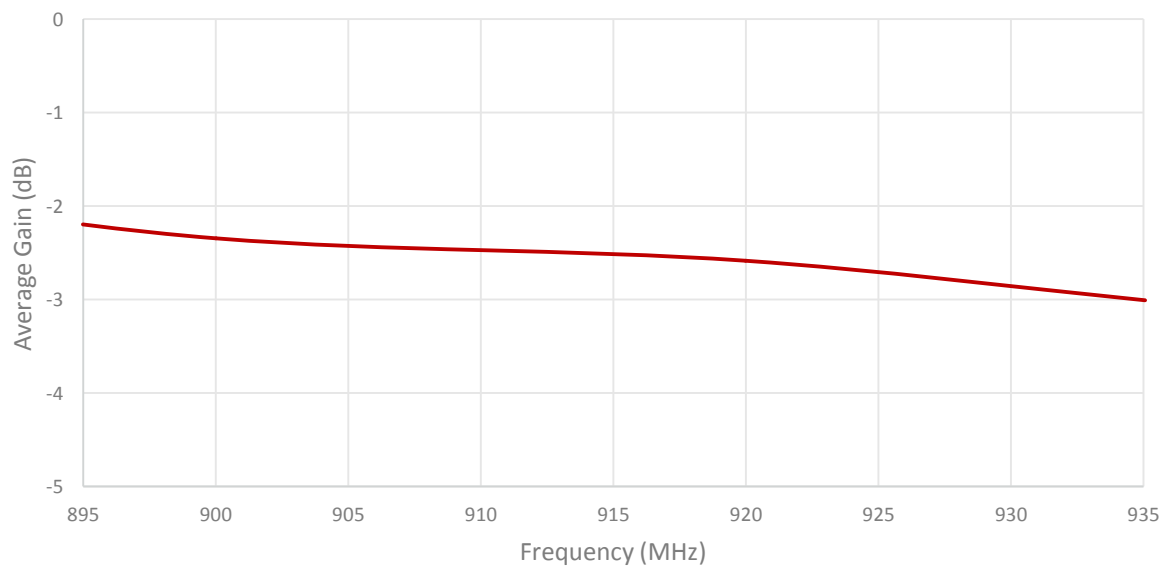
2. Mechanical and environmental specifications

Specifications	2J2024B-915
Mounting Type	Screw Mount
Dimensions (mm)	170 × Ø 22
Radome	PC/ABS UV Stable
Radome color	Black
Antenna Base	Aluminum
Operating Temperature (C)	-40 to +85
Storage Temperature (C)	-40 to +85
Substance Compliance	RoHS

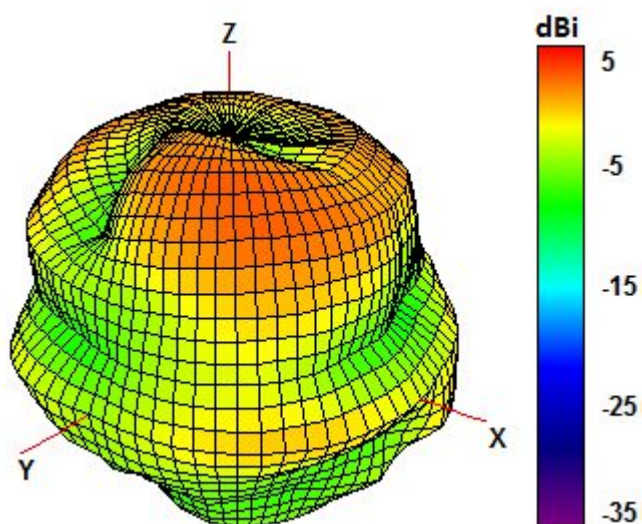
3. Antenna parameters





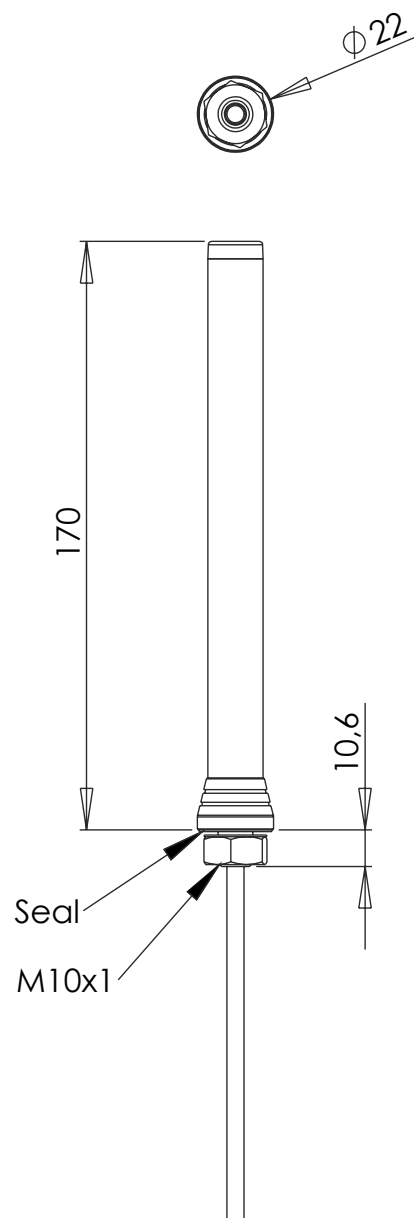


Radiation pattern reference



915 MHz Radiation pattern

4. Antenna drawings



5. Antenna Images

