

2J2015-C315N

868 and 915 MHz ISM Connector Mount

Key Features

868/915 MHz ISM

- 863-870 MHz
- 902-928 MHz

Connector Mount

High Gain

High Performance

N-Male Standard

Ground Plane Independent

Dimensions 276 × Ø 20 (Ø 16) mm



1. Antenna and electrical specifications

Parameters	868/915 MHz ISM Antenna	
Standards	ZigBee, ISM, SIGFOX, LoRa, Helium	
Band (MHz)	868	915
Frequency (MHz)	863-870	902-928
Return Loss (dB)	~-10.3	~-14.5
VSWR	~1.9:1	~1.5:1
Efficiency (%)	~75.6	~88.8
Peak Gain (dBi)	~-2.5	~-3.1
Average Gain (dB)	~-1.2	~-0.5
Impedance (Ohm)	50	
Polarisation	Linear	
Radiation Pattern	Omni-Directional	
Max. Input Power (W)	25	
Connector Type	N-Male Standard	

Antenna Measurement Conditions:

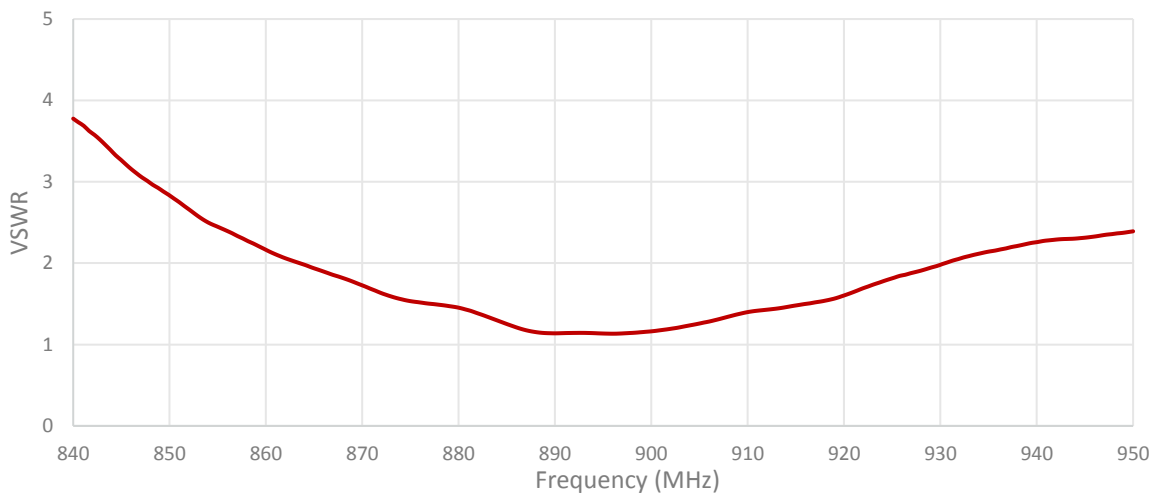
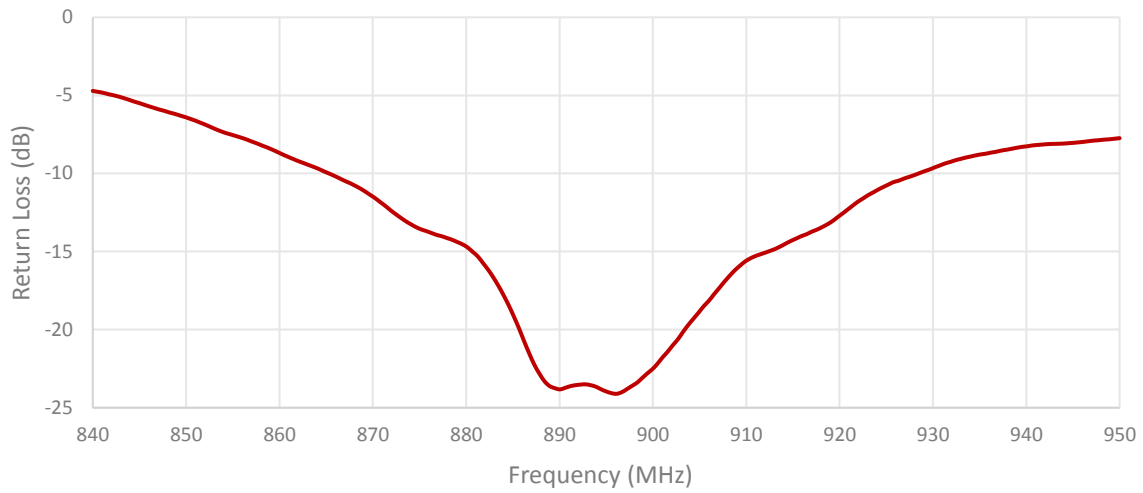
Free Space

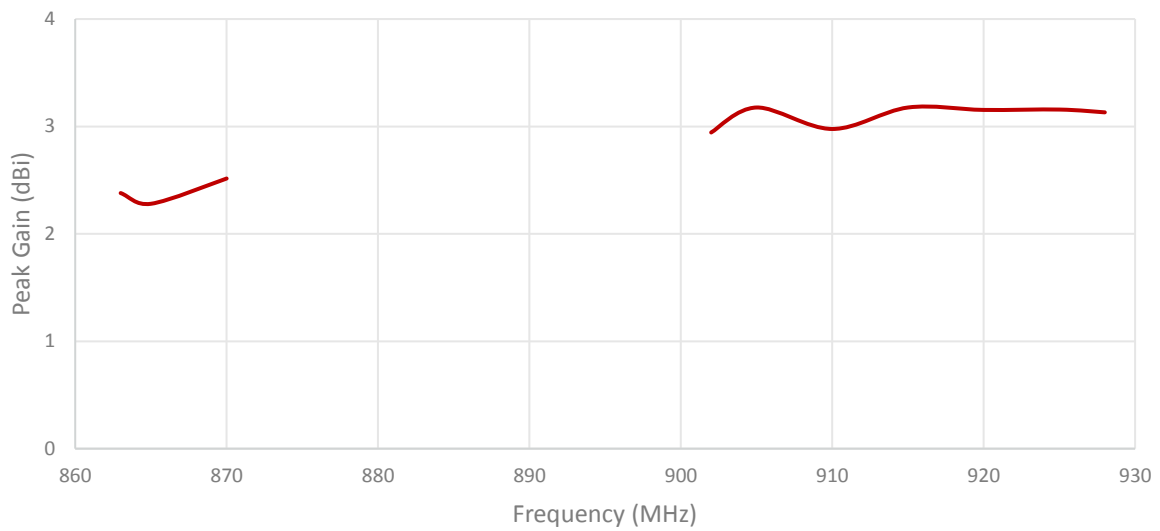
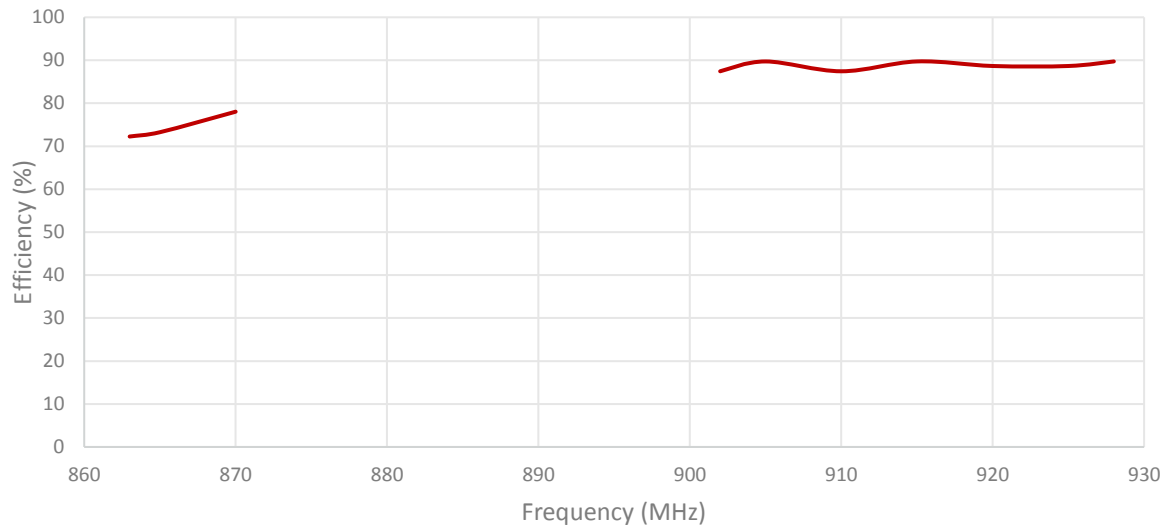
Measured in Certified CTIA 3D Anechoic Chamber

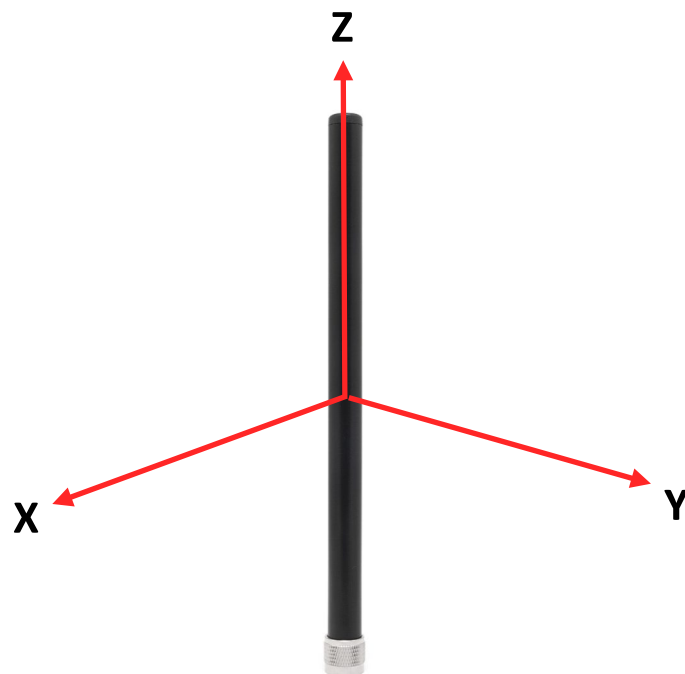
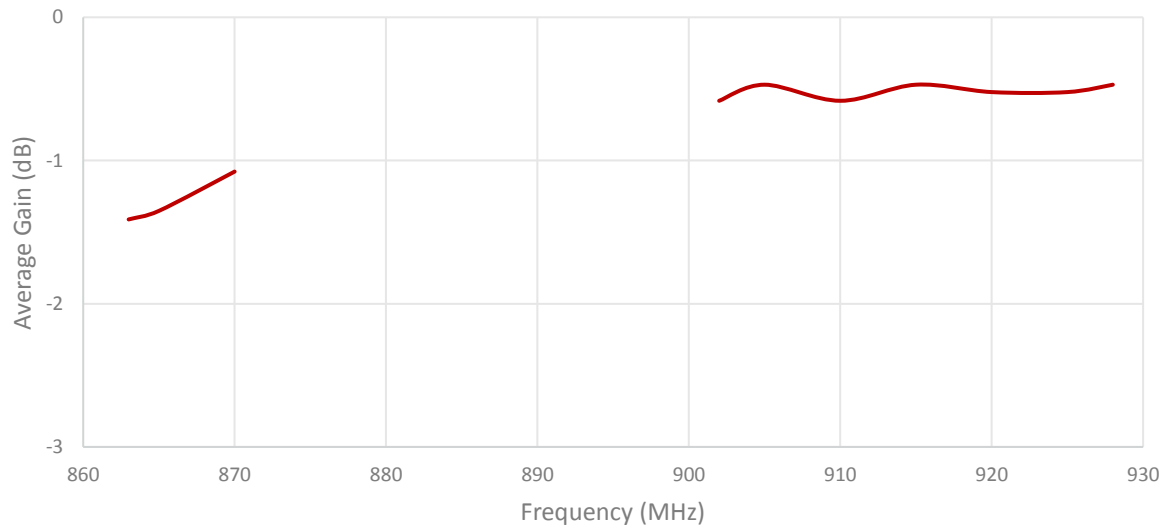
2. Mechanical and environmental specifications

Specifications	2J2015-C315N
Mounting Type	Connector Mount
Dimensions (mm)	276 × Ø 20 (Ø 16)
Radome	ASA
Radome color	Black
Operating Temperature (C)	-40 to +85
Storage Temperature (C)	-40 to +85
Substance Compliance	RoHS

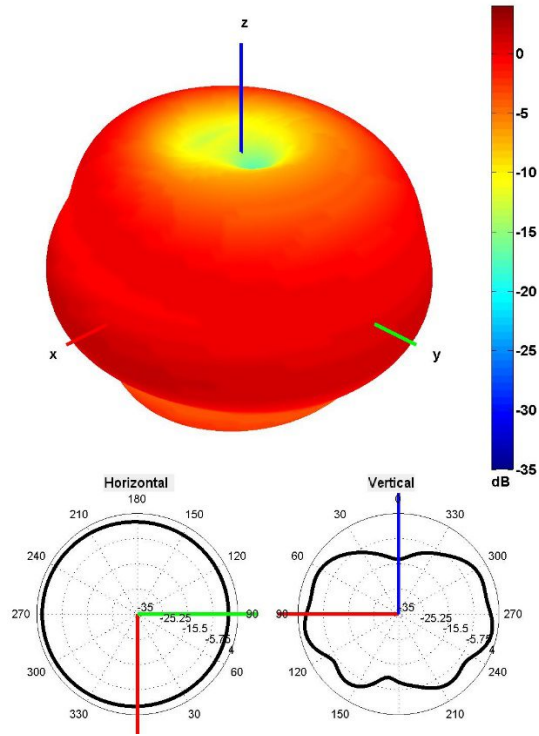
3. Antenna parameters



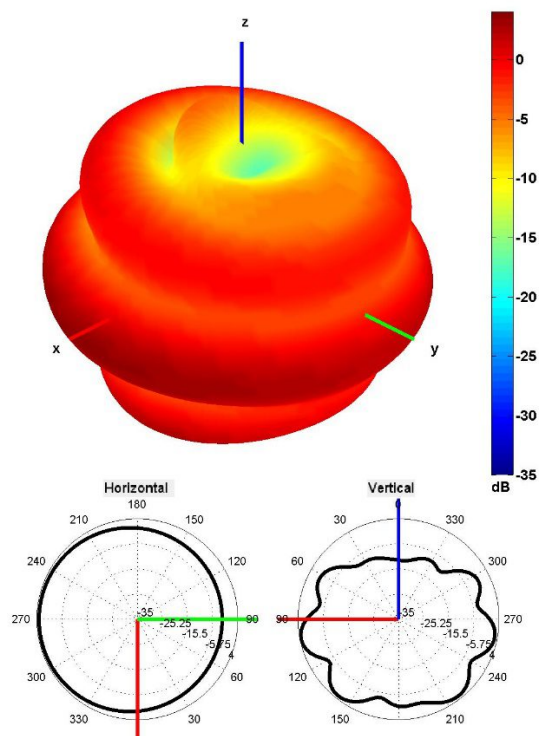




Radiation pattern reference

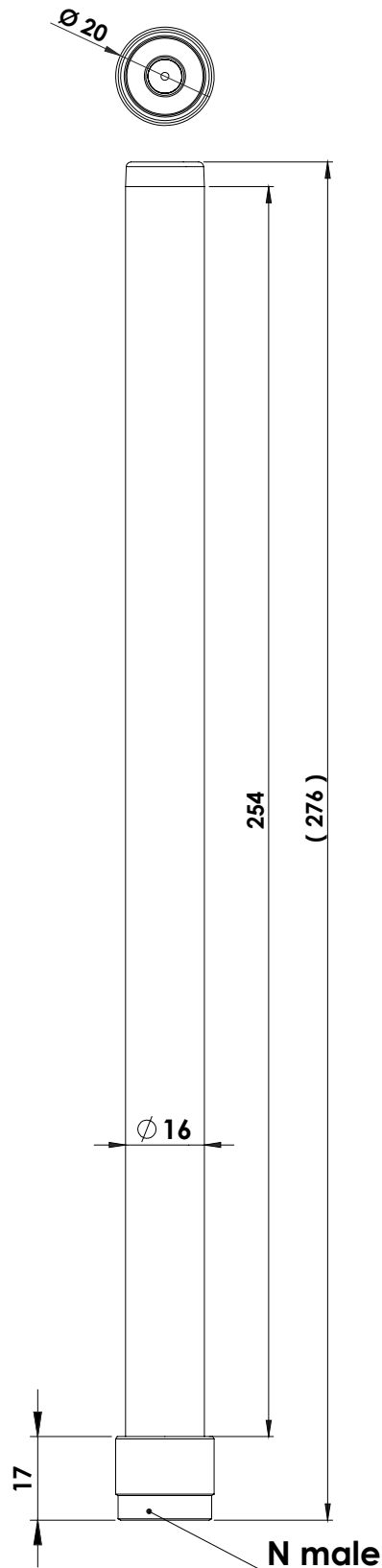


868 MHz Radiation pattern



915 MHz Radiation pattern

4. Antenna drawings



5. Antenna Images

