

2JW0815-915-C20N

915 MHz ISM Connector Mount

Key Features

915 MHz ISM

- 902-928 MHz

Connector Mount

Ground Plane Independent

High Efficiency

Low Profile

Dimensions 137.3 x Ø 15.7 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)	~-12.4
VSWR	~1.6:1
Efficiency (%)	~65.1
Peak Gain (dBi)	~2.1
Average Gain (dB)	~-2.0
Impedance (Ohm)	50
Polarisation	Linear
Radiation Pattern	Omni-Directional
Max. Input Power (W)	25
Connector Type	SMA-Male Standard

Antenna Measurement Conditions:

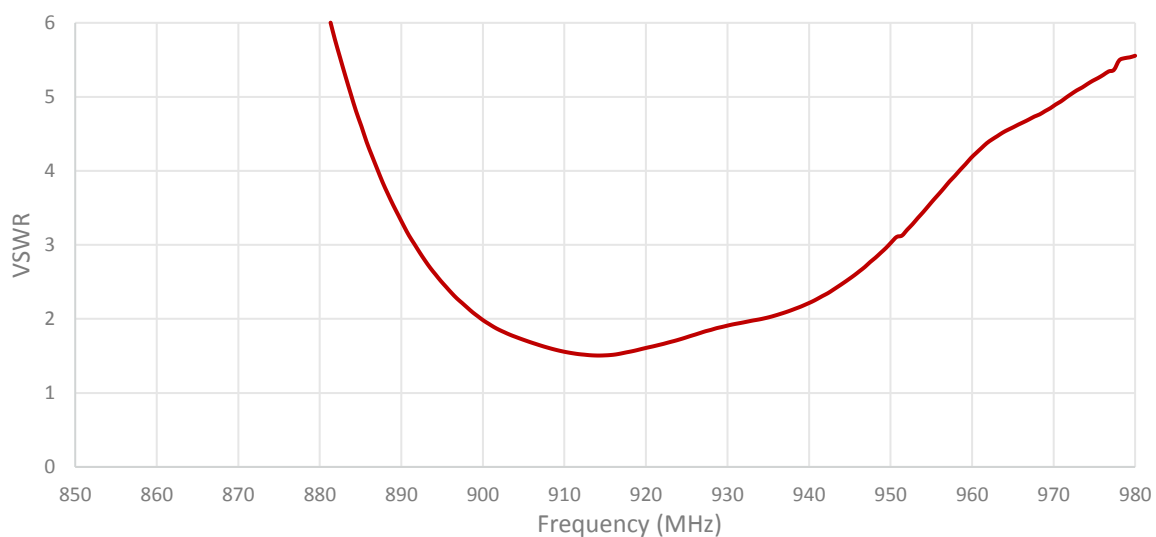
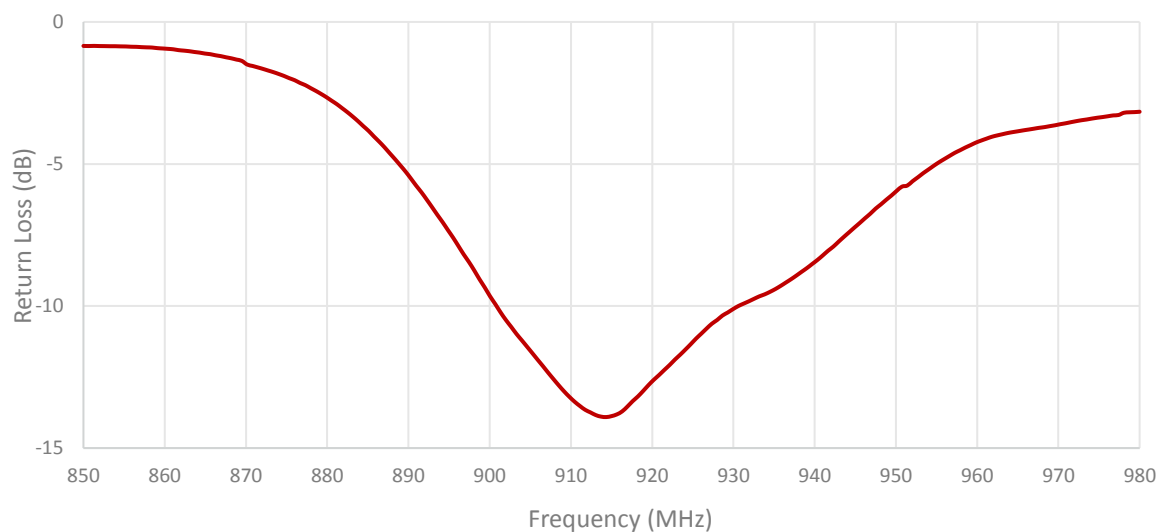
Free Space

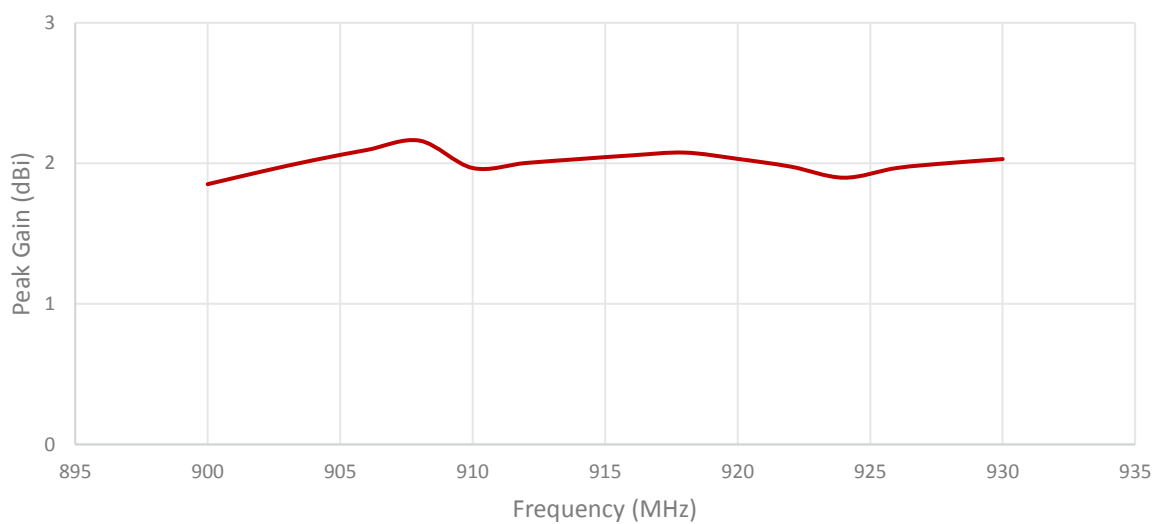
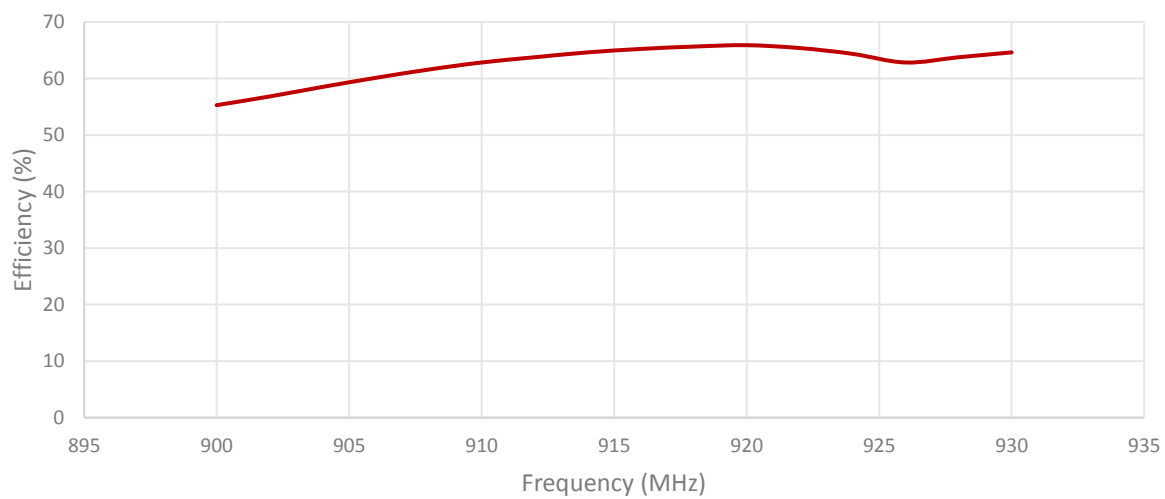
Measured in Certified CTIA 3D Anechoic Chamber

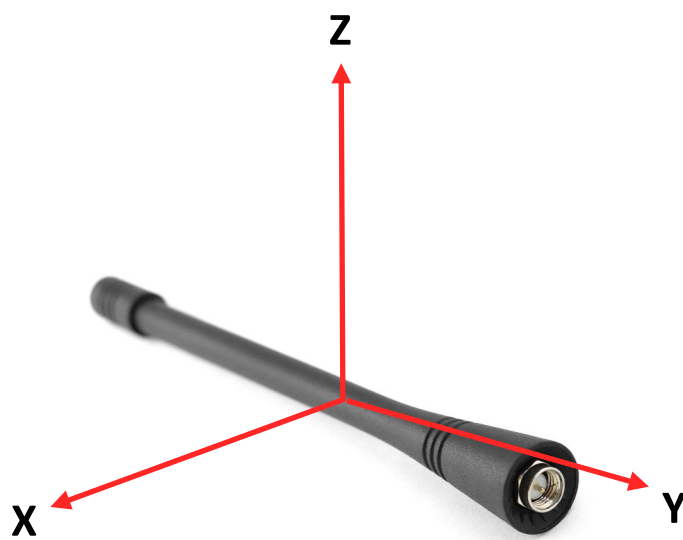
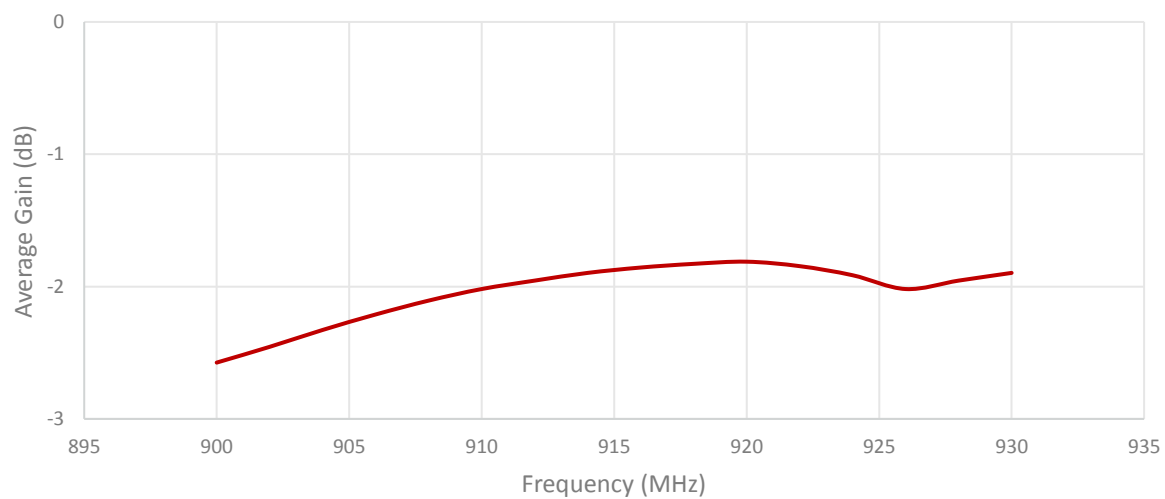
2. Mechanical and environmental specifications

Specifications	2JW0815-915-C20N
Mounting Type	Connector Mount
Dimensions (mm)	137.3 x Ø 15.7
Radome	TPE
Radome color	Black
Operating Temperature (C)	-40 to +85
Storage Temperature (C)	-40 to +85
Substance Compliance	RoHS

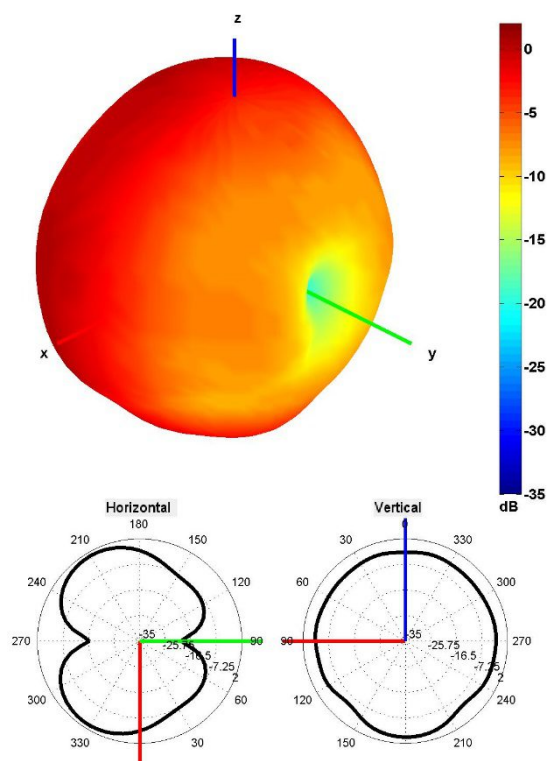
3. Antenna parameters





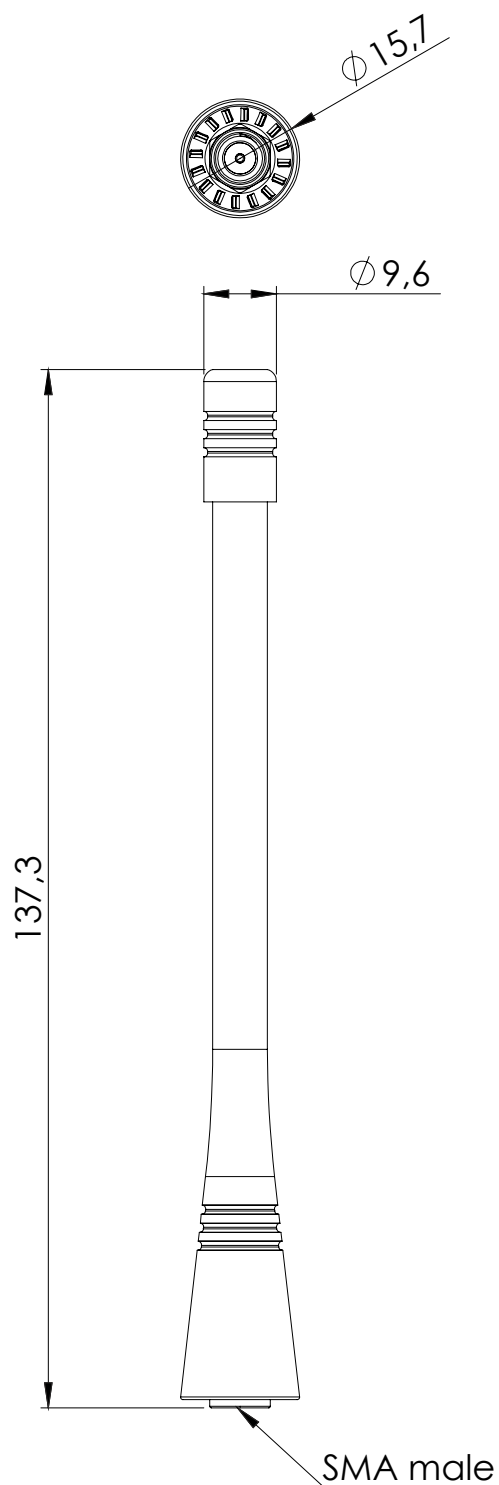


Radiation pattern reference



915 MHz Radiation pattern

4. Antenna drawings



5. Antenna Images

