

2JW0315-C675B

868/915 MHz ISM Connector Mount

Key Features

868/915 MHz ISM

- 863-870 MHz

- 902-928 MHz

Connector Mount

Ground Plane Independent

Hinged Connector

Dimensions 113 × Ø 10 mm



1. Antenna and electrical specifications

Parameters	868/915 MHz ISM Antenna	
Standards	ZigBee, ISM, SIGFOX, LoRa	
Band (MHz)	868	915
Frequency (MHz)	863-870	902-928
Return Loss (dB)	~-10.7	~-11.5
VSWR	~1.8	~1.7
Efficiency (%)	~73.4	~73.4
Peak Gain (dBi)	~3.8	~4.0
Average Gain (dB)	~-1.3	~-1.3
Impedance (Ohm)	50	
Polarisation	Linear	
Radiation Pattern	Omni-Directional	
Max. Input Power (W)	25	
Connector Type	SMA-Male Standard	

Antenna Measurement Conditions:

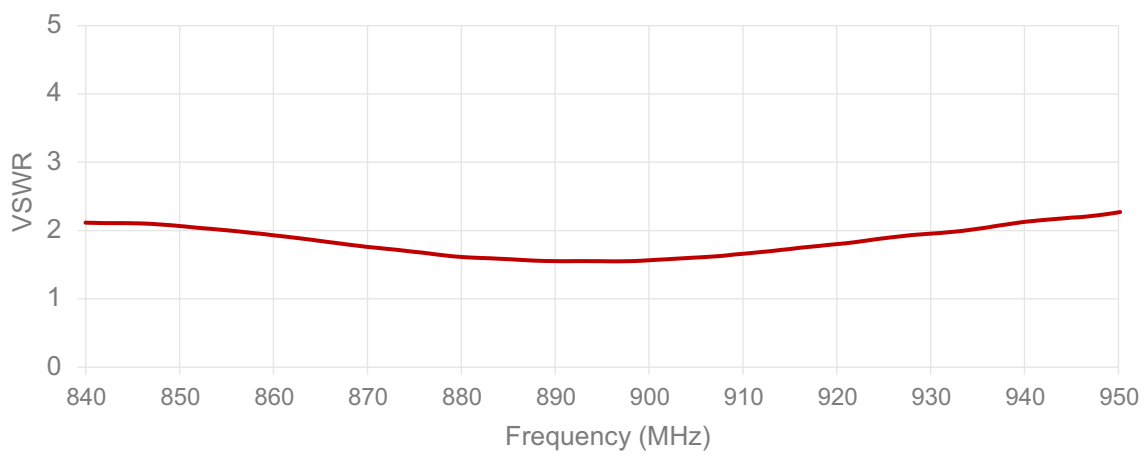
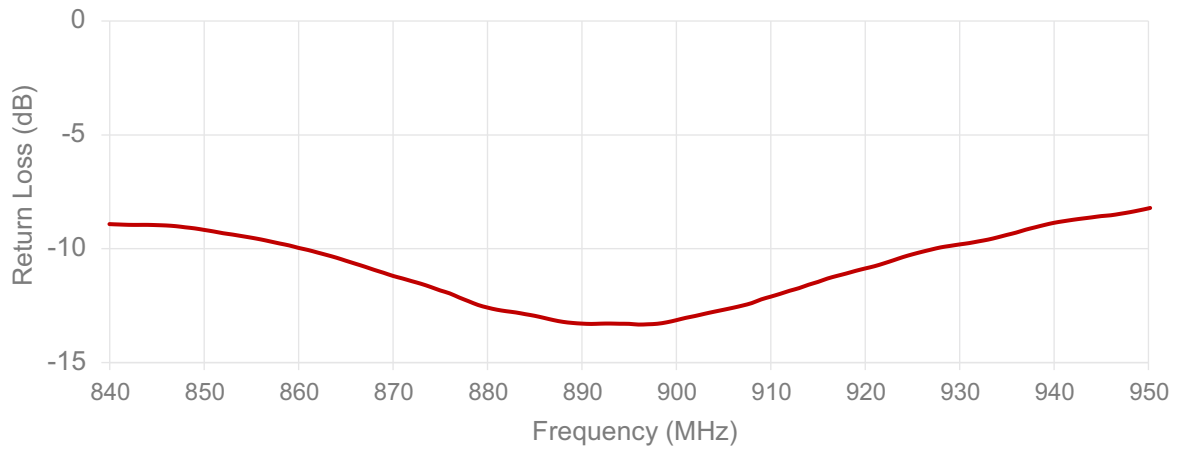
Free Space

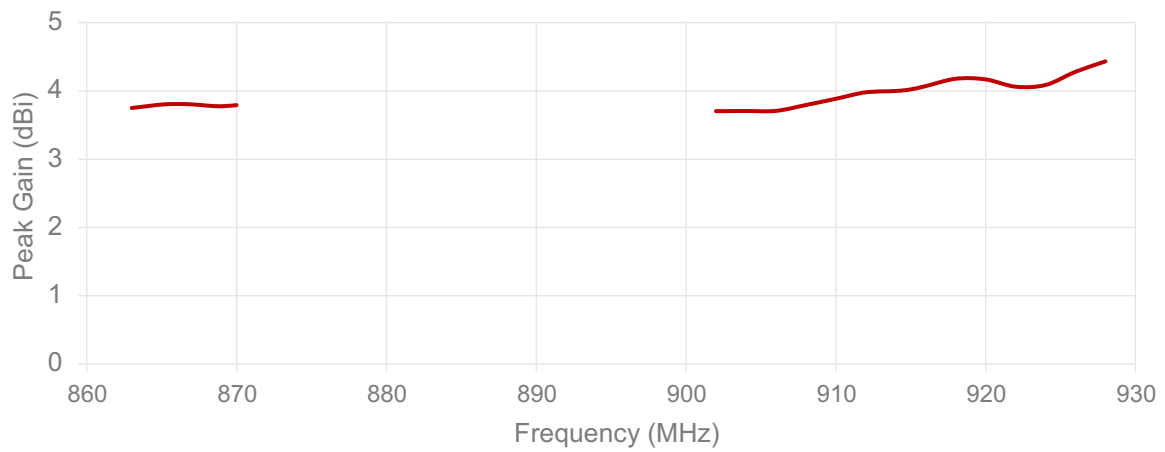
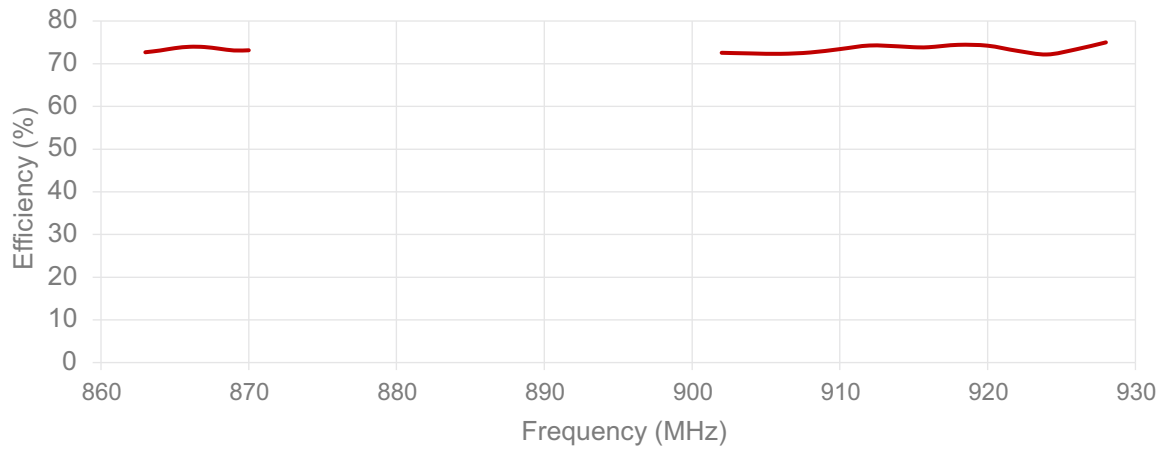
Measured in Certified CTIA 3D Anechoic Chamber

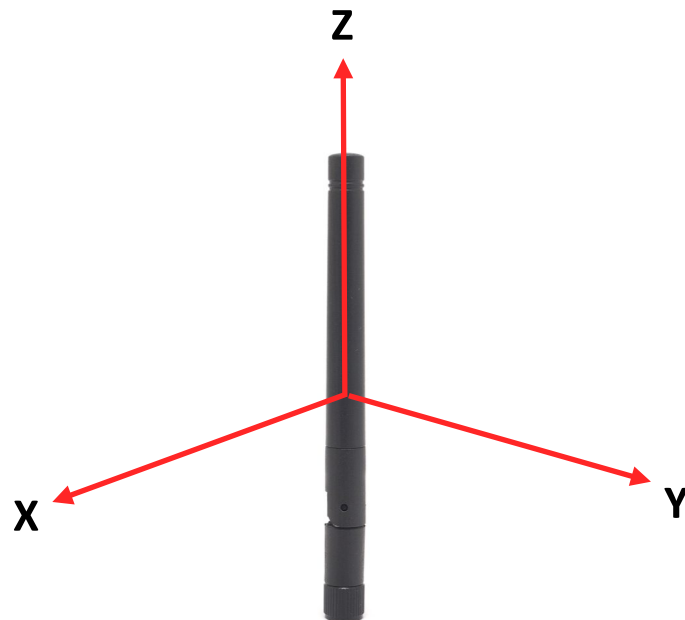
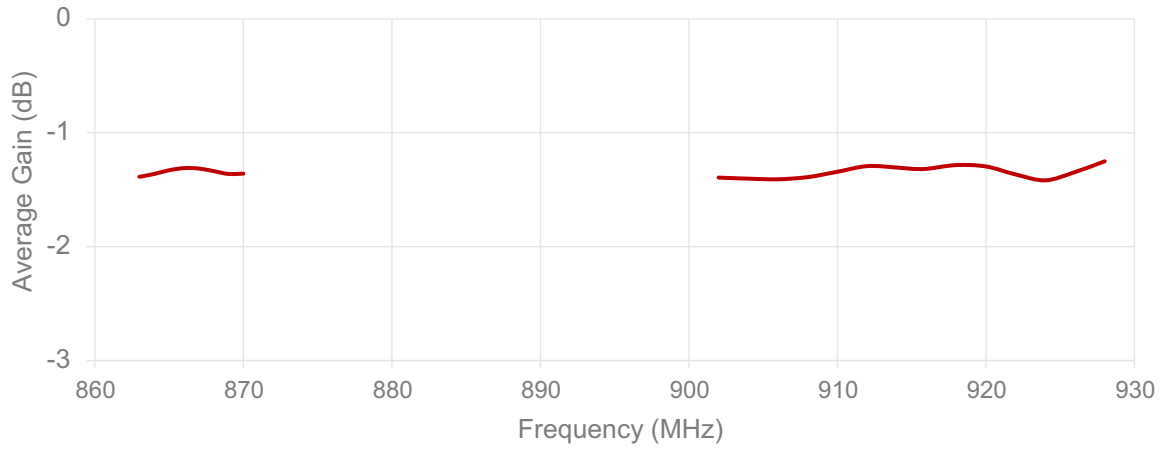
2. Mechanical and environmental specifications

Specifications	2JW0315-C675B
Mounting Type	Connector Mount
Dimensions (mm)	113 × Ø 10
Radome	ABS UV Stable
Radome color	Black
Connector Feature	Hinged
Operating Temperature (C)	-40 to +85
Storage Temperature (C)	-40 to +85
Substance Compliance	RoHS

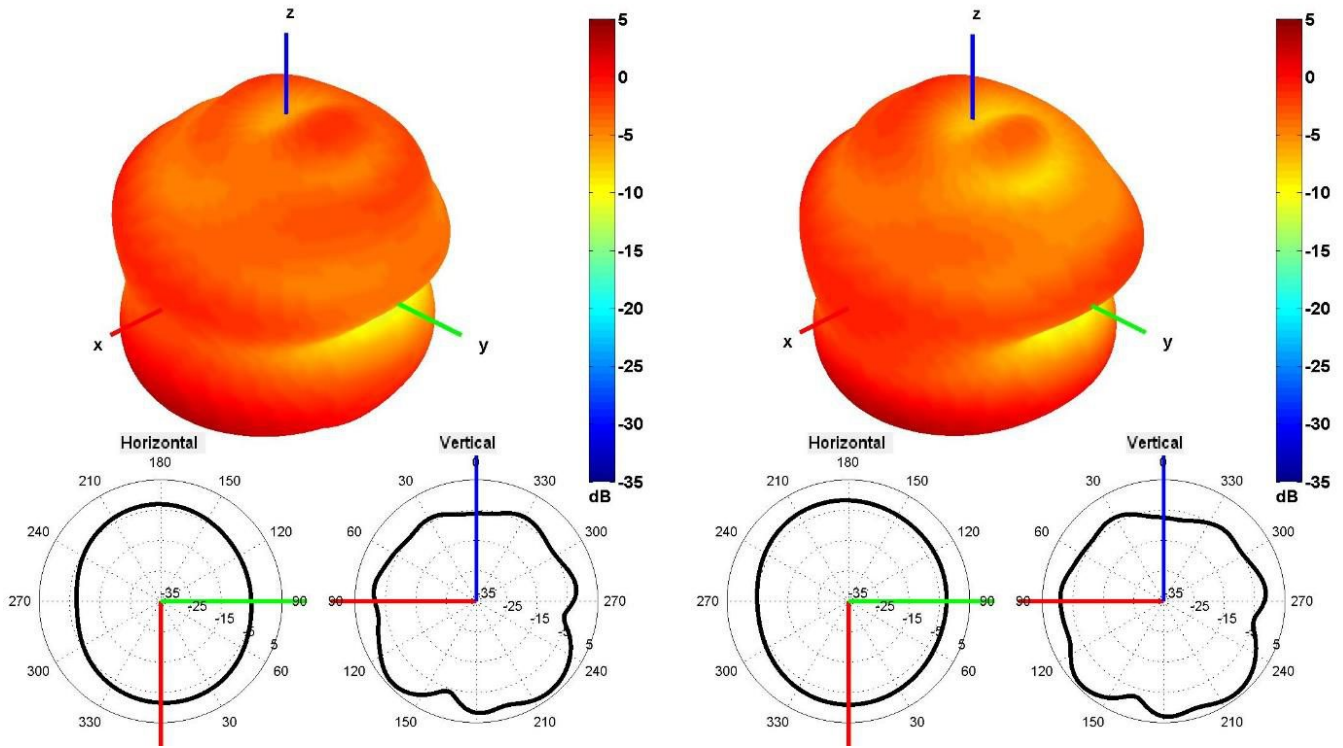
3. Antenna parameters





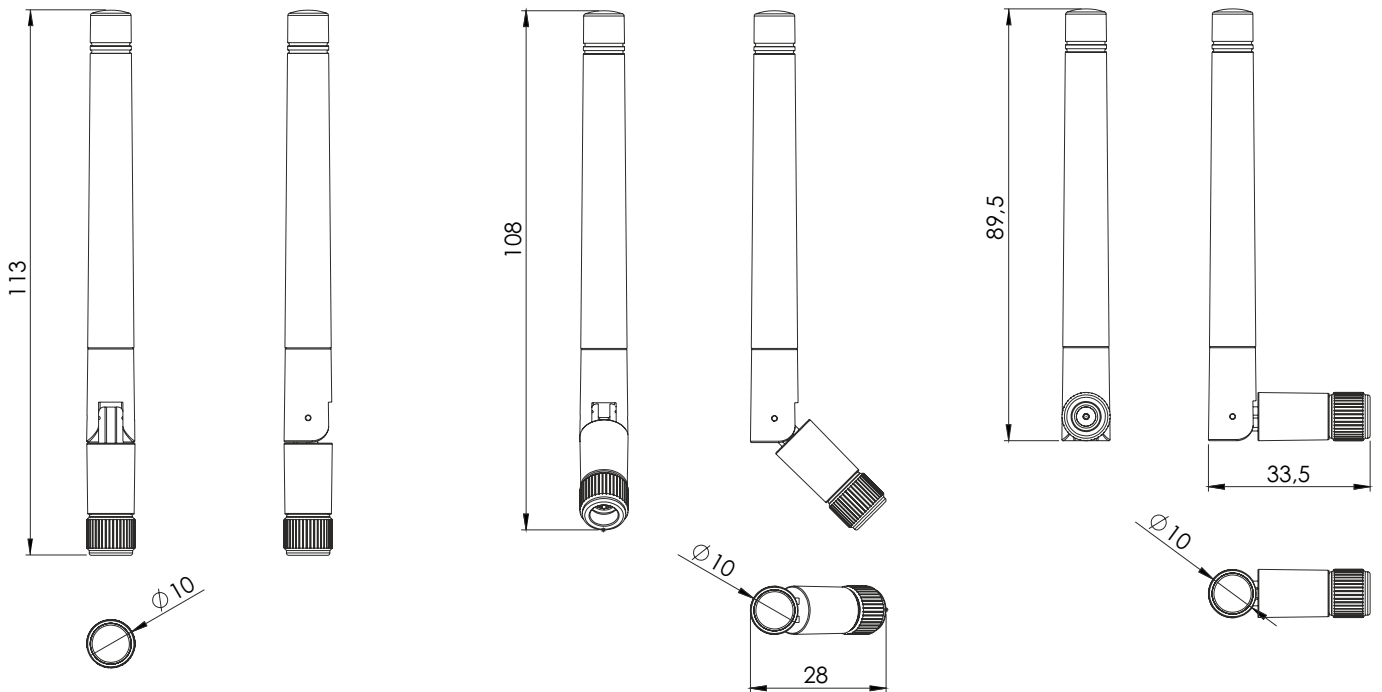


Radiation pattern reference



868 and 915 MHz Radiation pattern

4. Antenna drawings



5. Antenna Images

