

2J3715M-868

868 MHz ISM Magnetic Mount

Key Features

- 868 MHz ISM
- 863-870 MHz
- Magnetic Mount
- Low Profile
- Ground Plane Dependent
- Customizable Cable and Connector
- Dimensions \varnothing 31 x 71.5 mm



1. Antenna and electrical specifications

Parameters	868 MHz ISM Antenna
Standards	ZigBee, ISM, SIGFOX, LoRa
Band (MHz)	868 MHz
Frequency (MHz)	863-870
Return Loss (dB)	~-16.4
VSWR	~1.4:1
Efficiency (%)	~58.9
Peak Gain (dBi)	~1.7
Average Gain (dB)	~-2.3
Impedance (Ohm)	50
Polarisation	Linear
Radiation Pattern	Omni-Directional
Max. Input Power (W)	25
Connector Type	SMA-Male Standard (Other Connectors Available)
Cable Length	300 cm Standard (Any Cable Length Available)
Cable Type	RG174 Standard (Other Cables Available)

Antenna Measurement Conditions:

Mounted on 30 x 30 cm Ground Plane

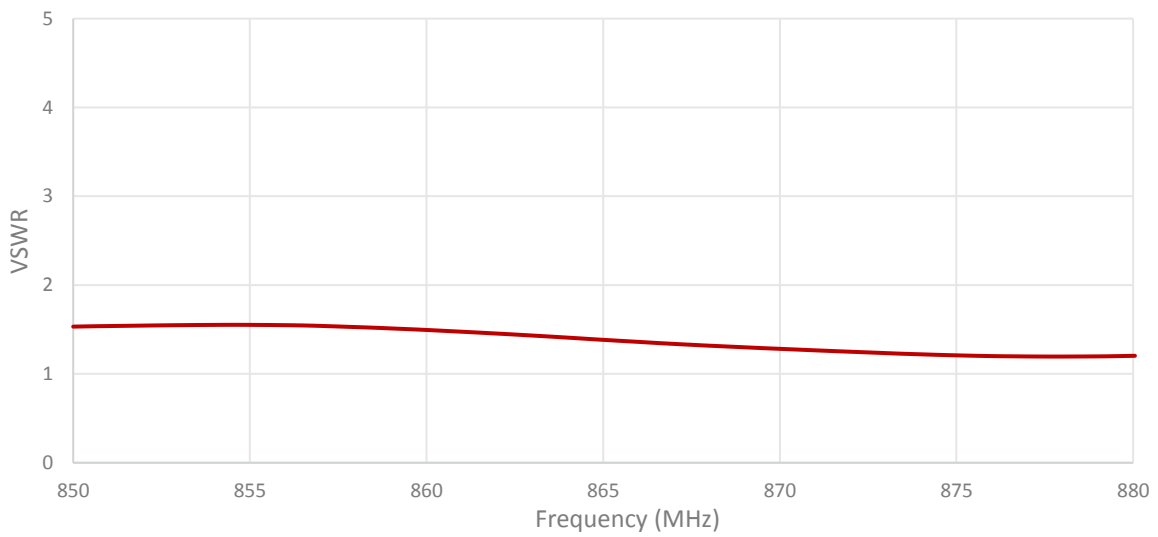
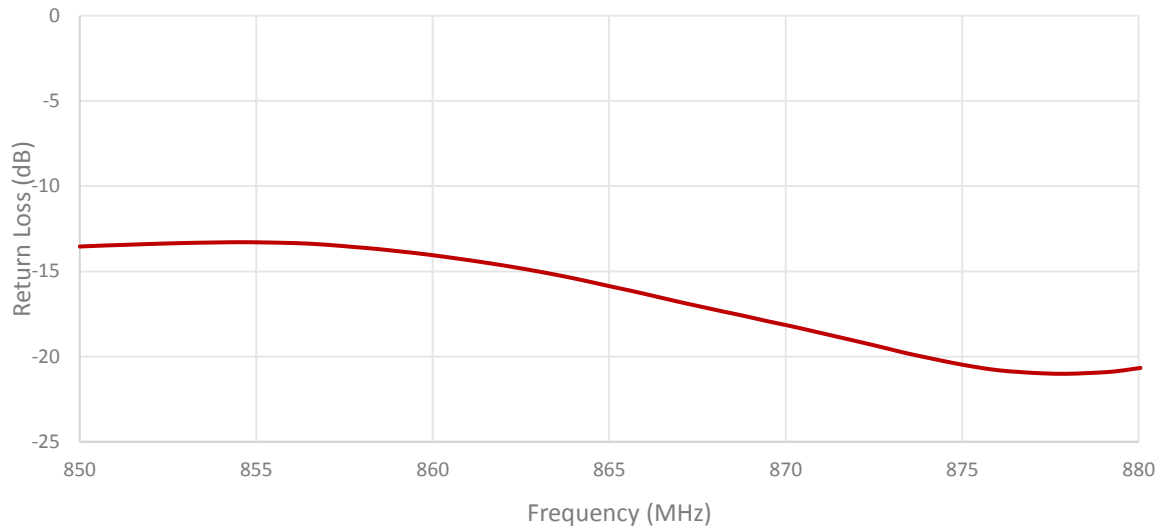
200 cm RG174 Cable Length

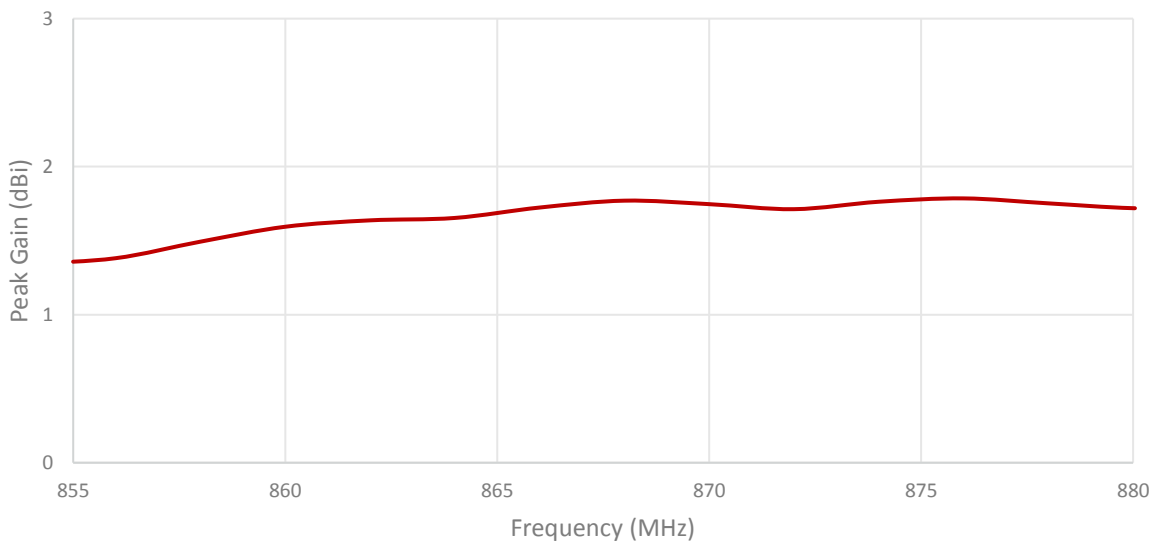
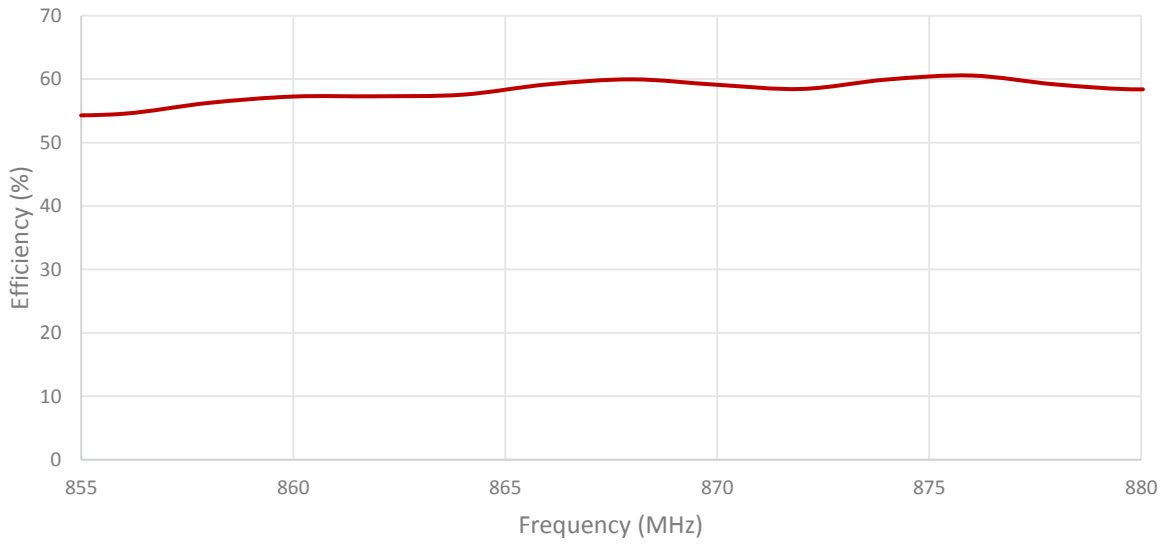
Measured in Certified CTIA 3D Anechoic Chamber

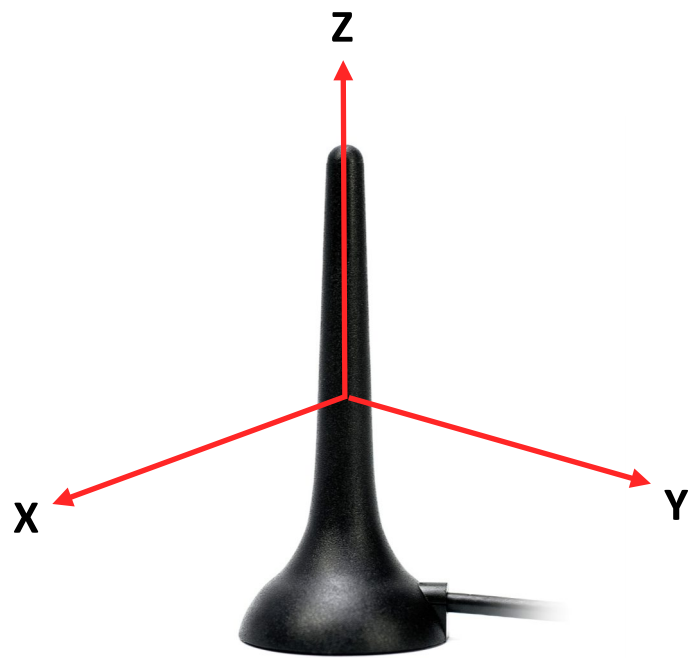
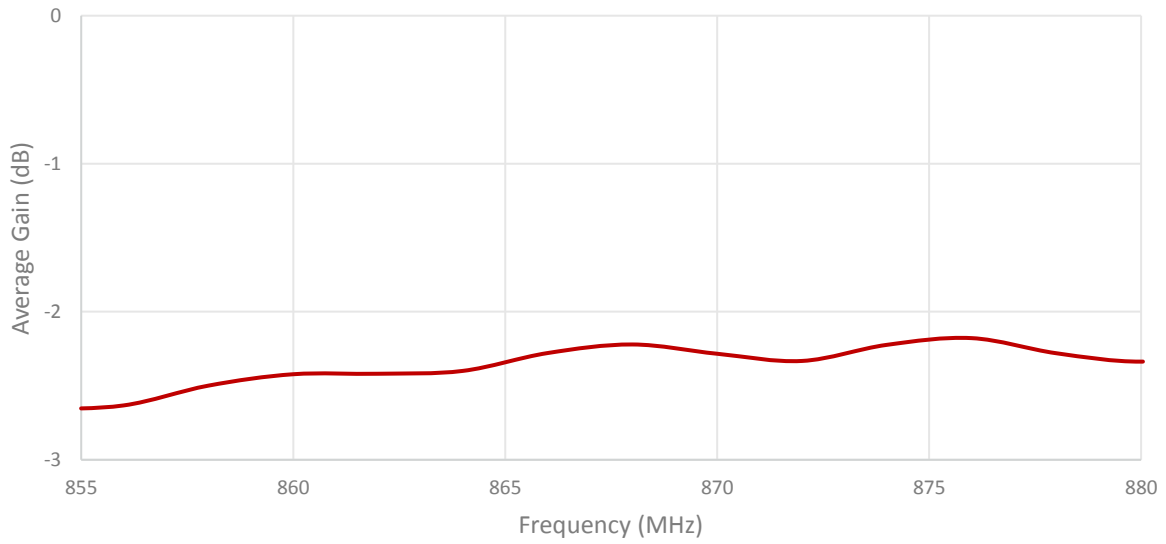
2. Mechanical and environmental specifications

Specifications	2J3715M-868
Mounting Type	Magnetic Mount
Dimensions (mm)	Ø 31 × 71.5
Radome	PC/ABS UV Stable
Radome color	Black
Operating Temperature (C)	-40 to +85
Storage Temperature (C)	-40 to +85
Substance Compliance	RoHS

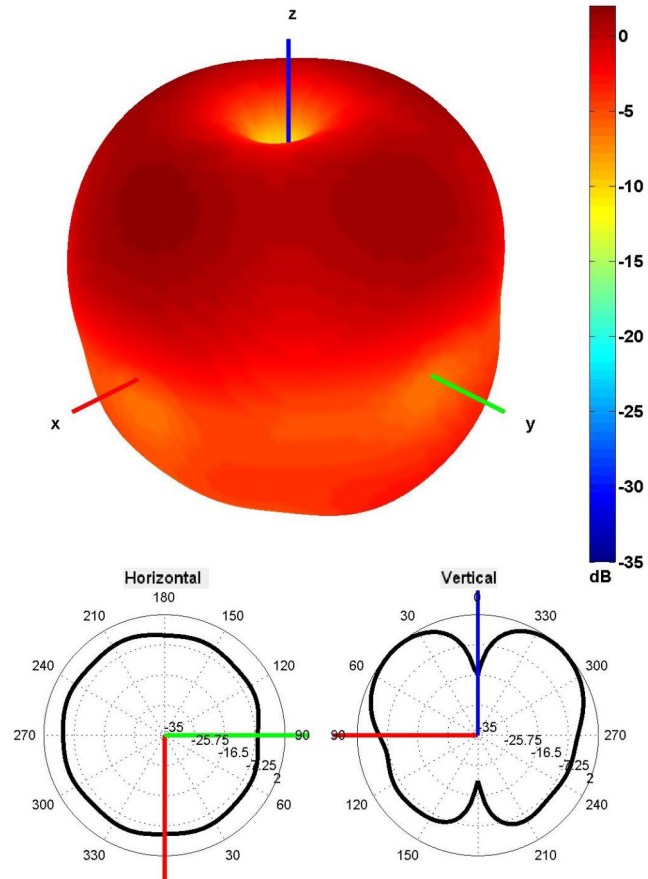
3. Antenna parameters





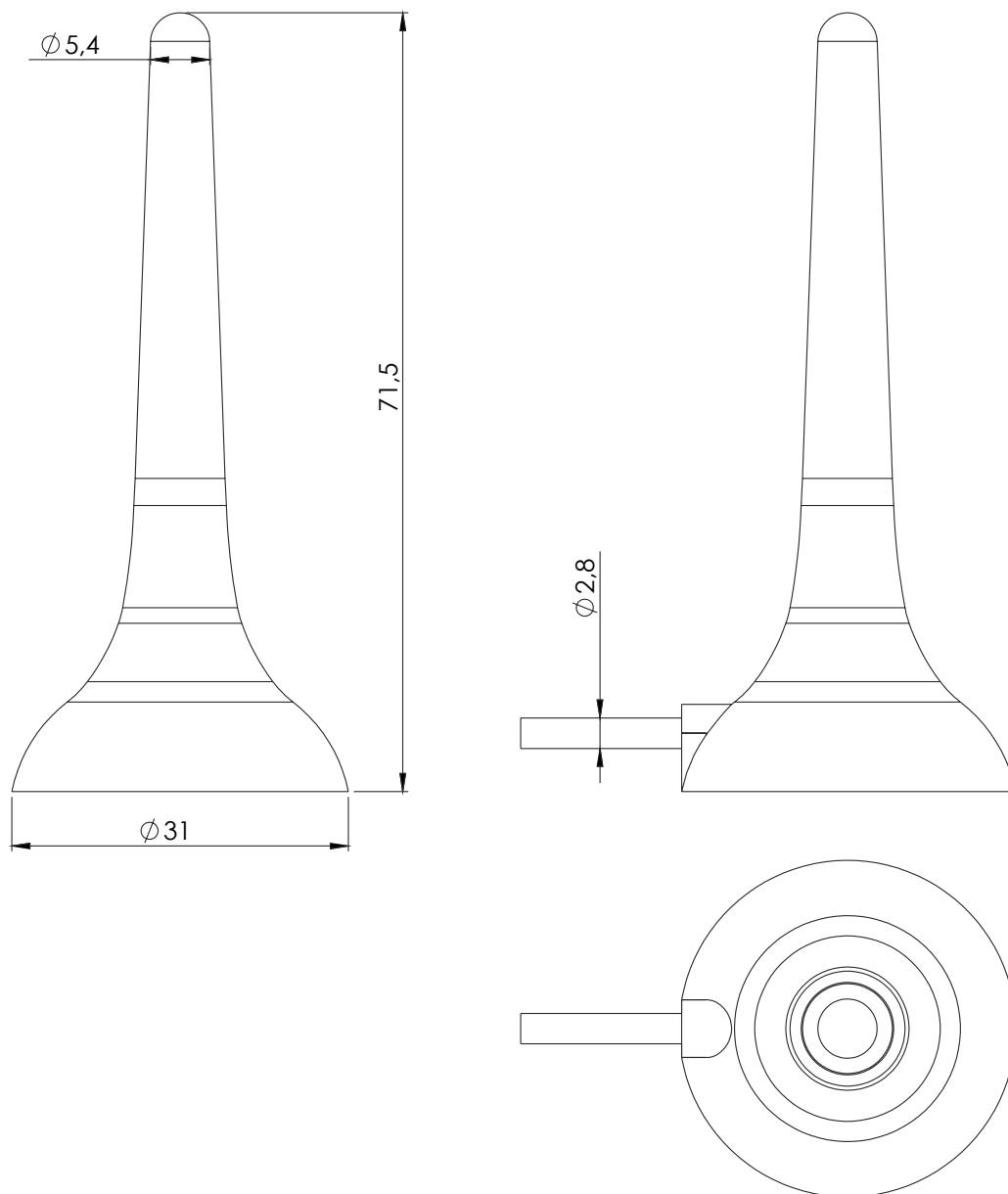


Radiation pattern reference



868 MHz Radiation pattern

4. Antenna drawings



5. Antenna Images



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