

2JP0115P

868 MHz ISM Rigid Fiberglass

Key Features

- 868 MHz ISM
- 863-870 MHz
- Self-Adhesive
- Ground Plane Independent
- Customized Cable and Connector
- Dimensions 35.0 x 6.5 x 0.8 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)	~-6.1
VSWR	~3.0:1
Efficiency (%)	~29.0
Peak Gain (dBi)	~-1.4
Average Gain (dB)	~-5.4
Impedance (Ohm)	50
Polarization	Linear
Radiation Pattern	Omni-Directional
Max. Input Power (W)	25
Connector Type	U.FL Standard (Other Connectors Available)
Cable Length	100mm Standard (Any Cable Length Available)
Cable Type	1.37mm Mini-Coax Standard (Other Cables Available)

Antenna Measurement Conditions:

Mounted on 30 x 30 x 0.25 cm ABS Plate

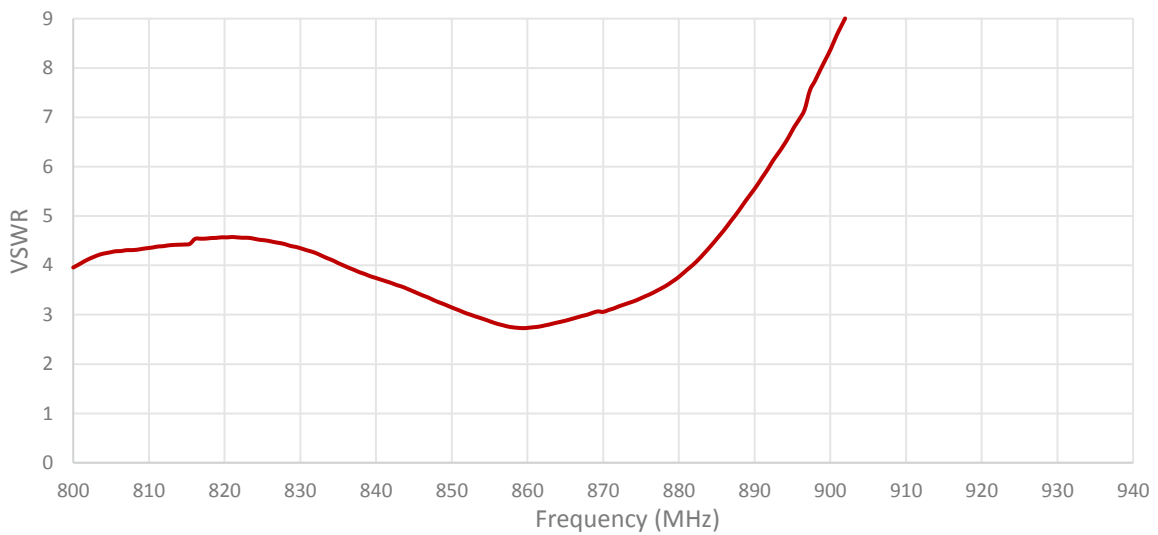
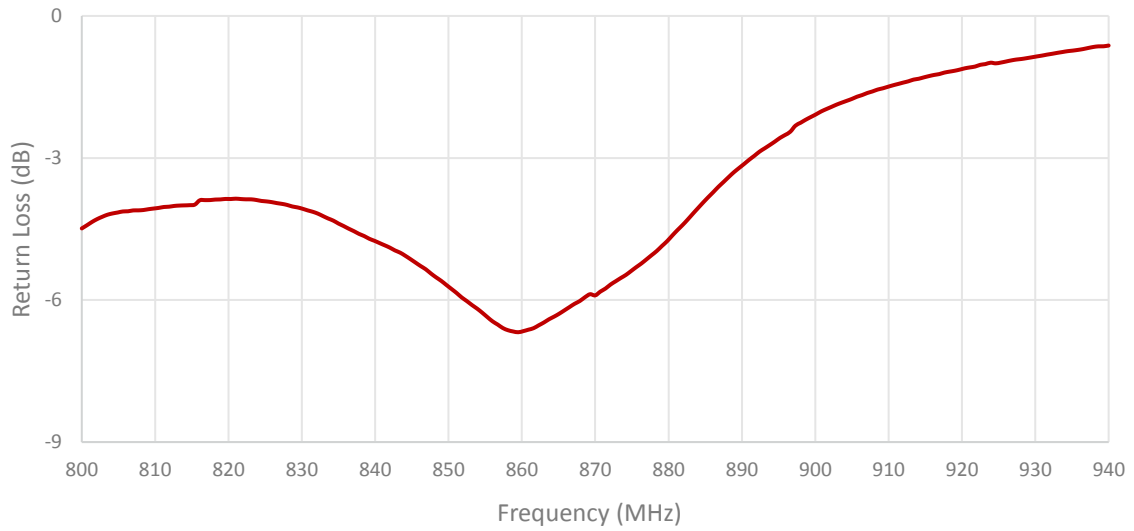
100 mm 1.37 mm Cable

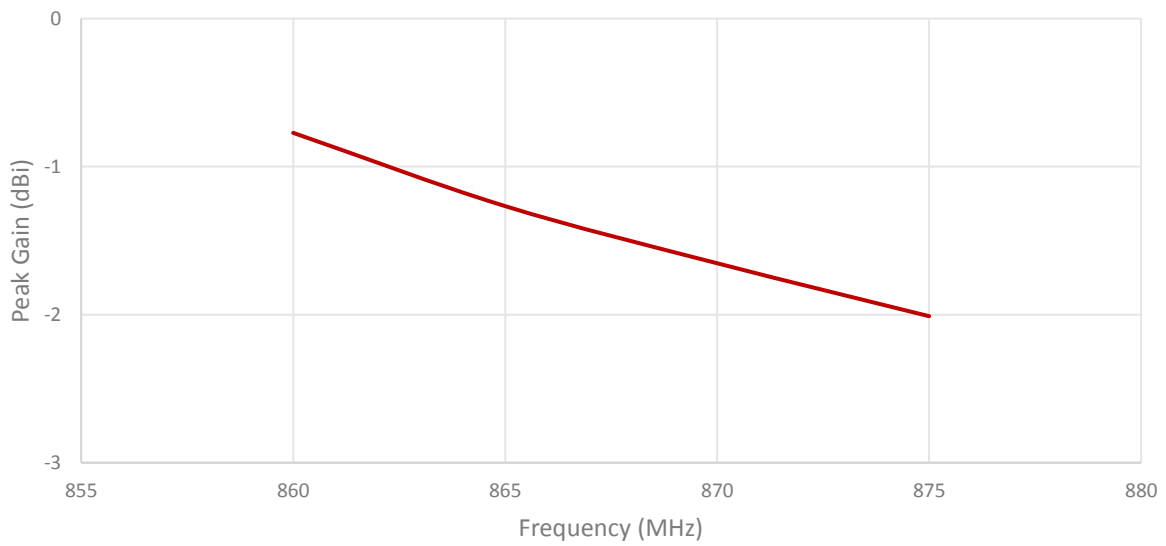
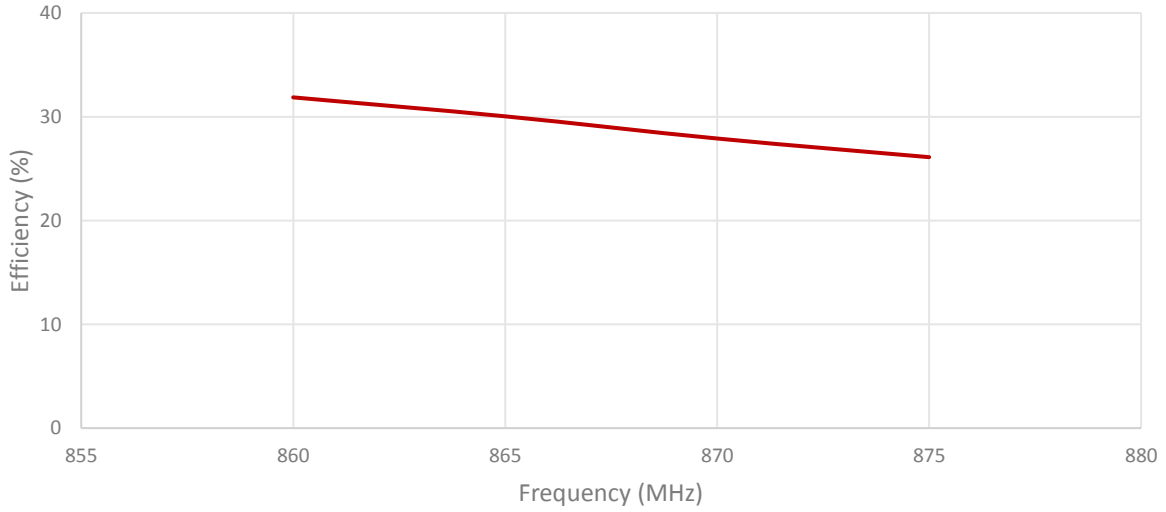
Measured in Certified CTIA 3D Anechoic Chamber

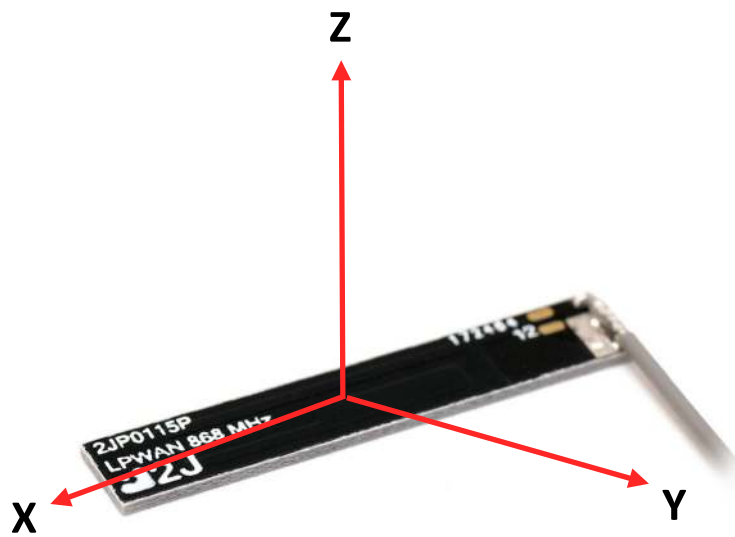
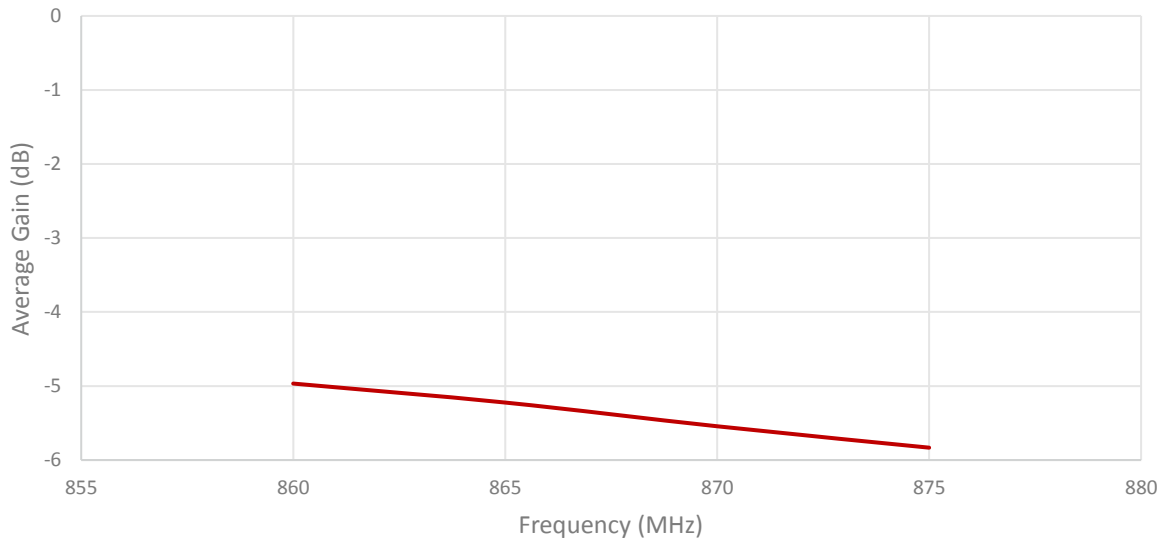
2. Mechanical and environmental specifications

Specifications	2JP0115P
Mounting Type	Self-Adhesive
Dimensions (mm)	35.0 x 6.5 x 0.8
Adhesive Type	3M 467
Material	Rigid Fiberglass
Operating Temperature (C)	-40 to +85
Storage Temperature (C)	-40 to +85
Substance Compliance	RoHS

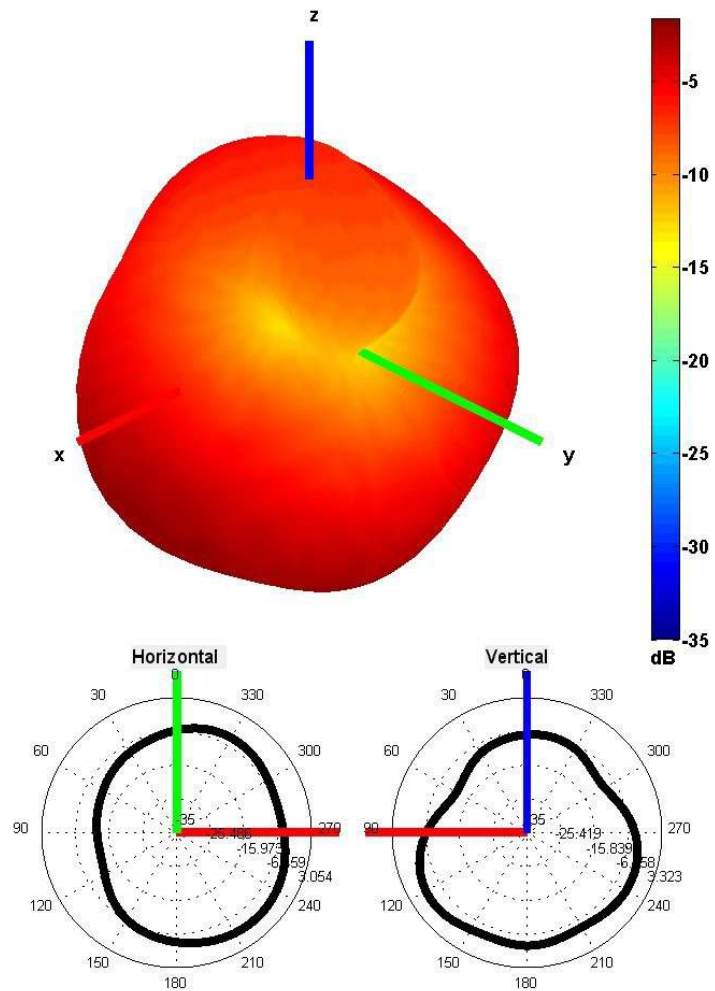
3. Antenna parameters





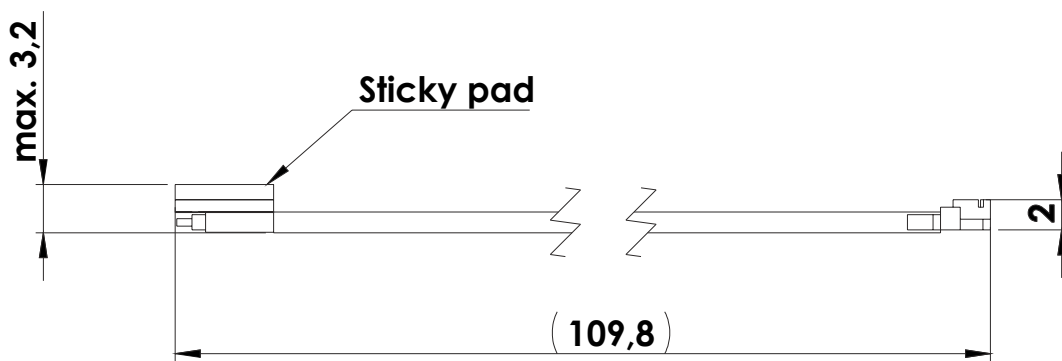
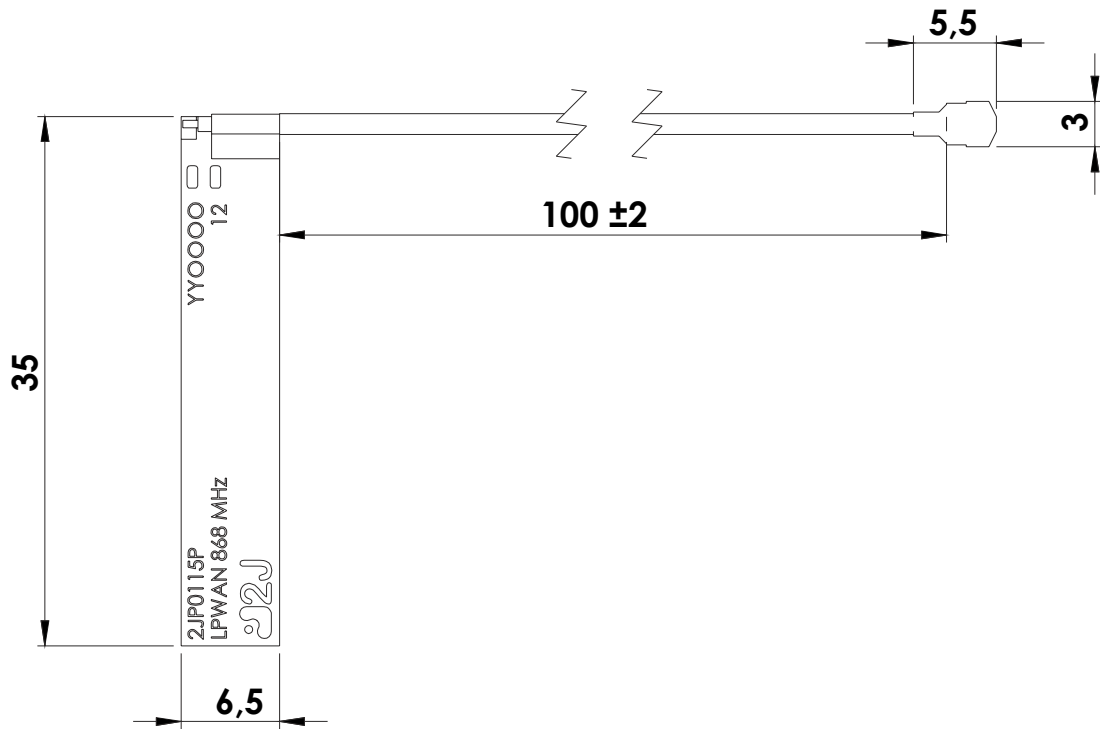


Radiation pattern reference



868 MHz Radiation pattern

4. Antenna drawings



5. Antenna Images

