

2JP2115P

868/915 MHz ISM Rigid Fiberglass

Key Features

868/915 MHz ISM

- 863-870 MHz

- 902-928 MHz

Self-Adhesive

Ground Plane Independent

Customized Cable and Connector

Dimensions 95.5 x 14 x 0.8 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)	~-10.4	~-8.0
VSWR	~1.9:1	~2.4:1
Efficiency (%)	~90.3	~84.4
Peak Gain (dBi)	~-4.0	~-3.8
Average Gain (dB)	~-0.4	~-0.7
Impedance (Ohm)	50	
Polarisation	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

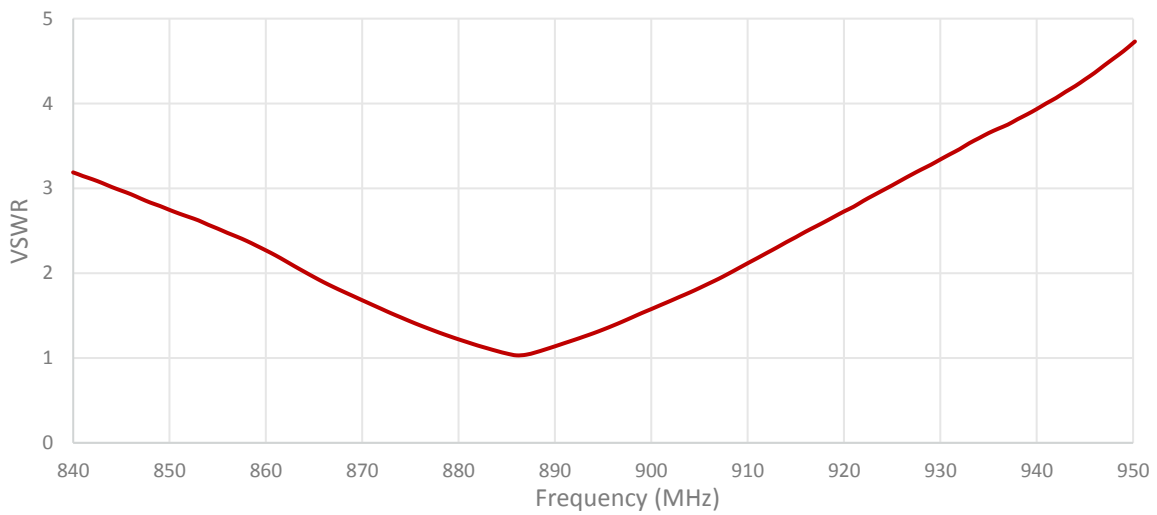
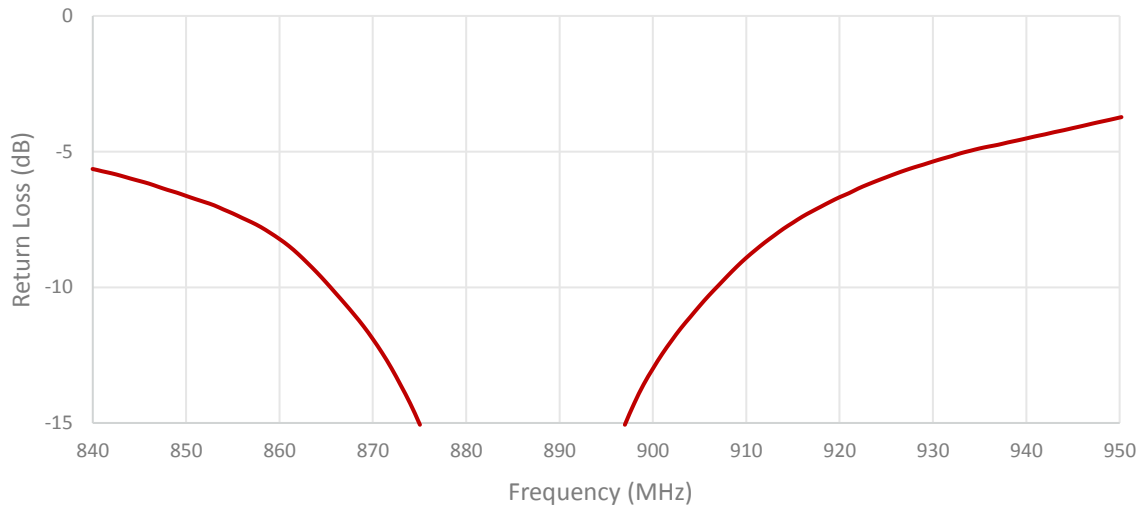
100 mm 1.37 mm Cable

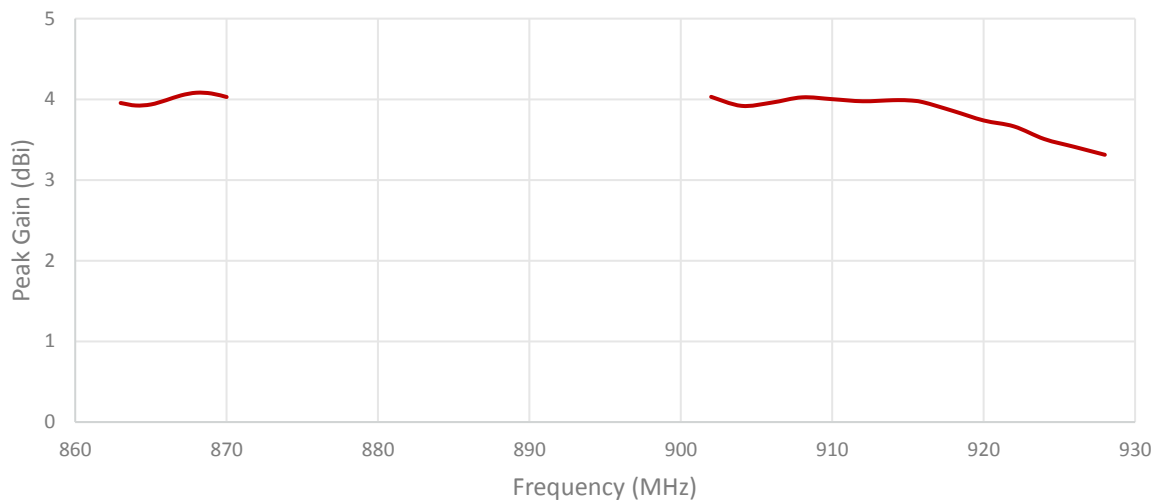
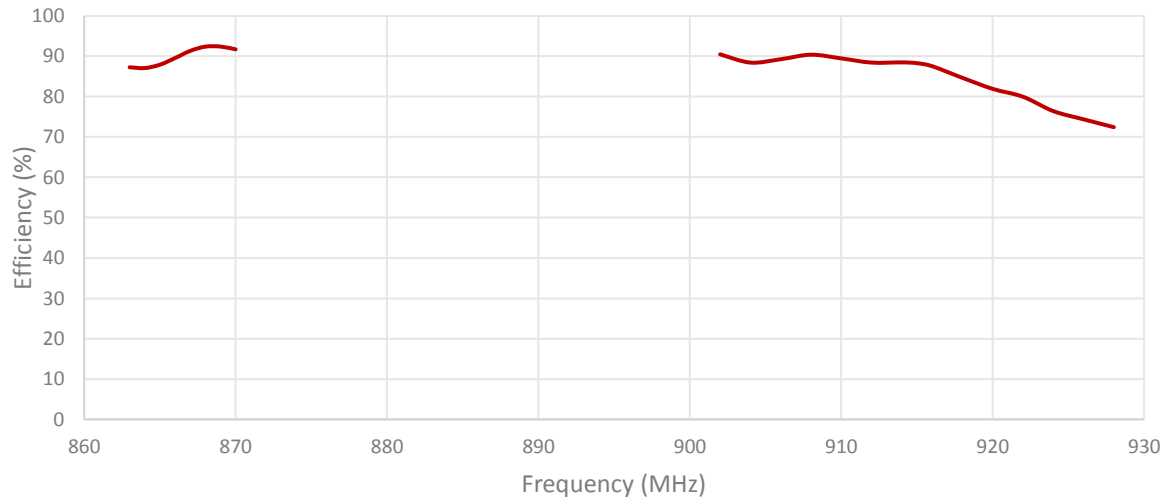
Measured in Certified CTIA 3D Anechoic Chamber

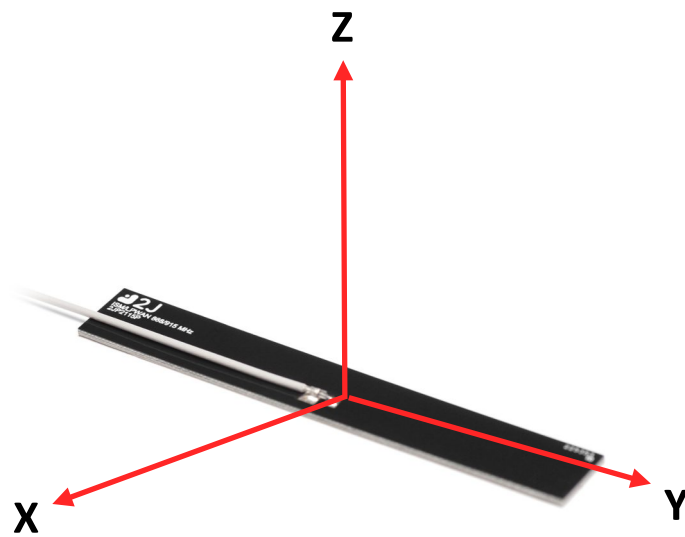
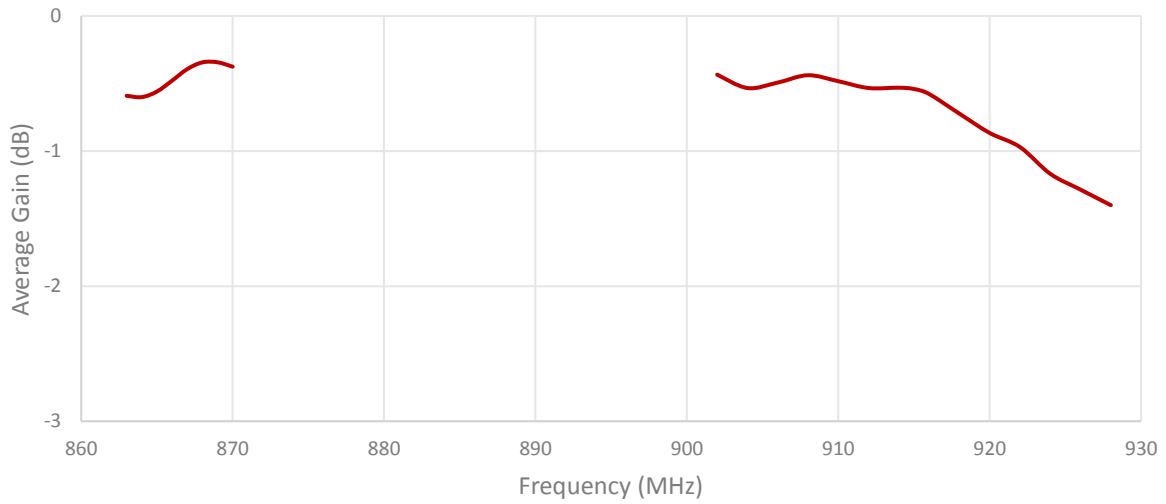
2. Mechanical and environmental specifications

Specifications	2JP2115P
Mounting Type	Self-Adhesive
Dimensions (mm)	95.5 x 14 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

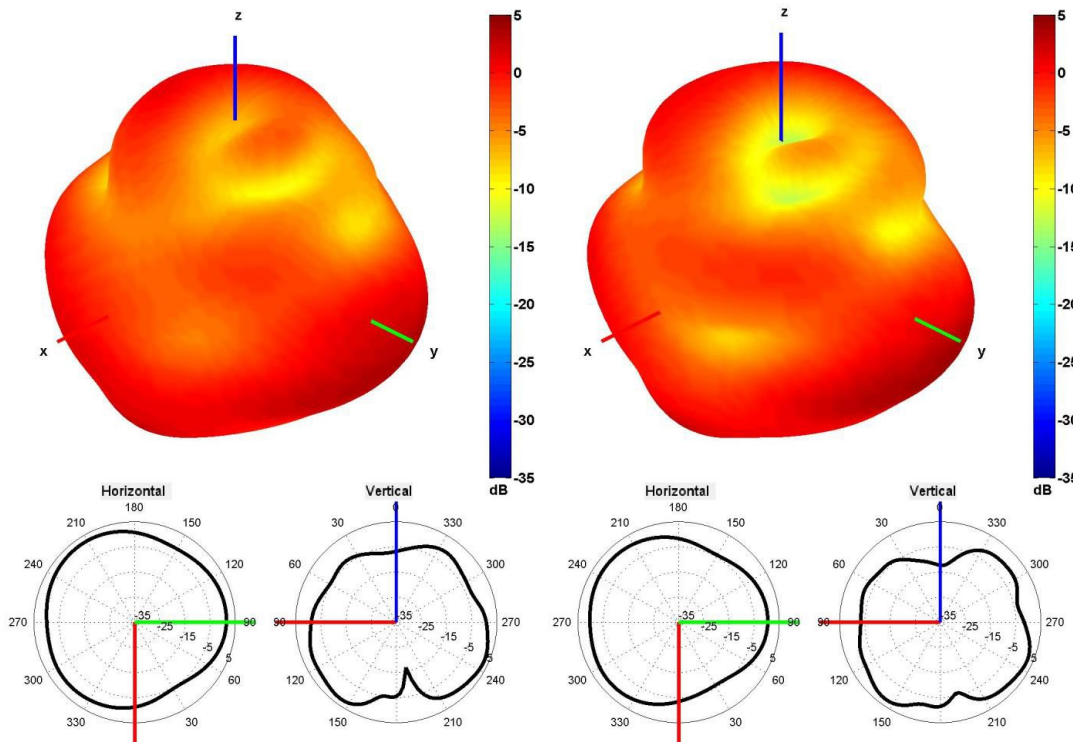
3. Antenna parameters





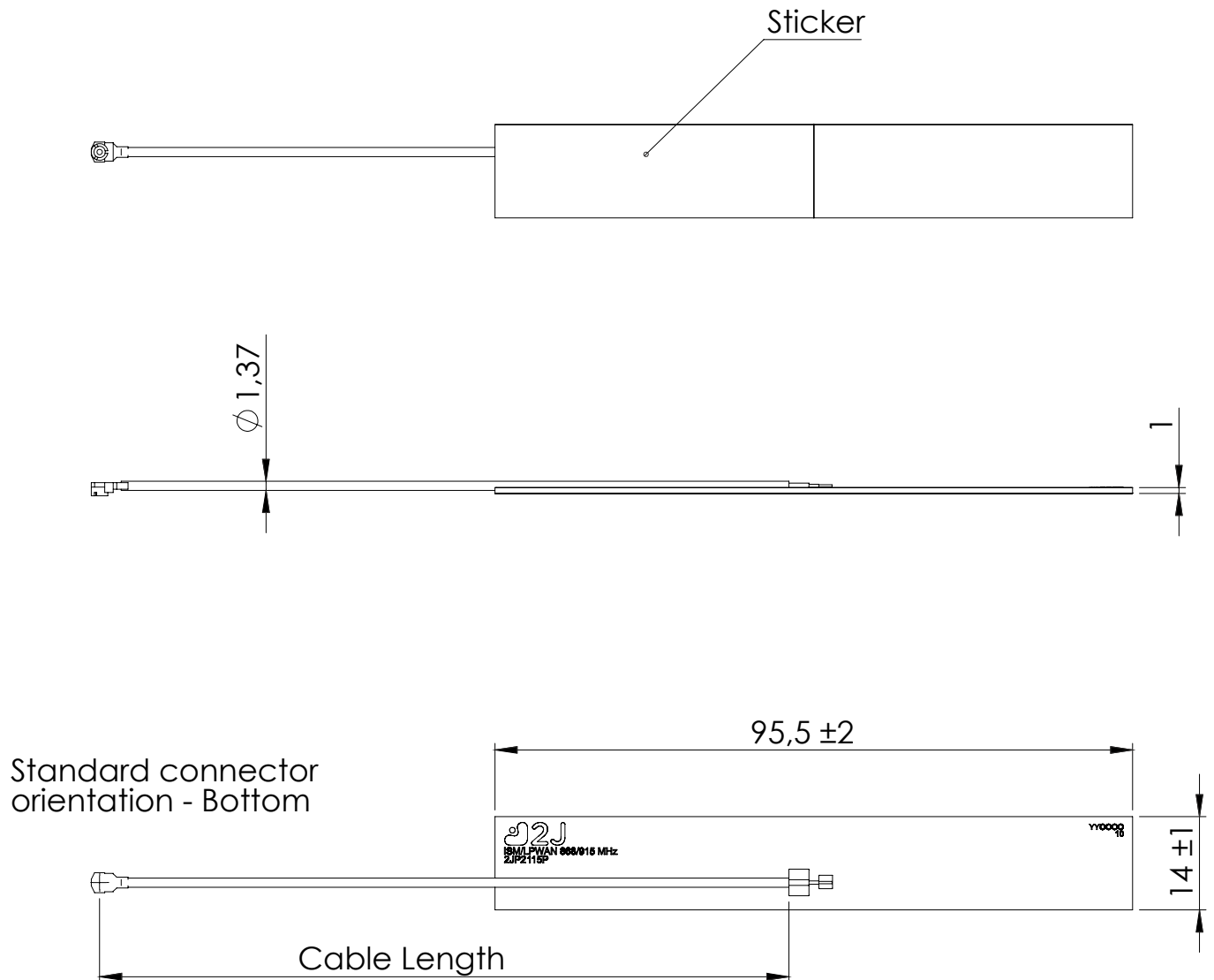


Radiation pattern reference



868 and 915 MHz Radiation pattern

4. Antenna drawings



5. Antenna Images

