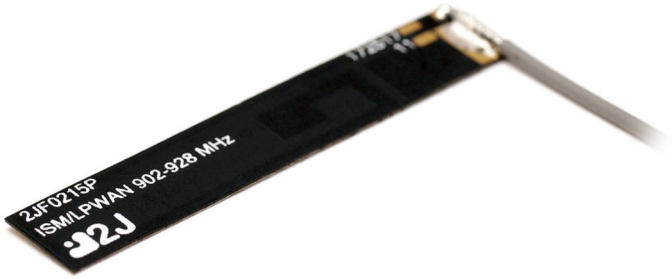
2JF0215P

915MHz ISM Flexible Polymer

Key Features

915 MHz ISM
- 902-928 MHZ
Self-Adhesive
Flexible Material
Ground Plane Independent
Customized Cable and Connector
Dimensions 40.0 x 7.0 x 0.2 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)	~-12.3
VSWR	~1.6:1
Efficiency (%)	~38.7
Peak Gain (dBi)	~-0.1
Average Gain (dB)	~-4.1
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

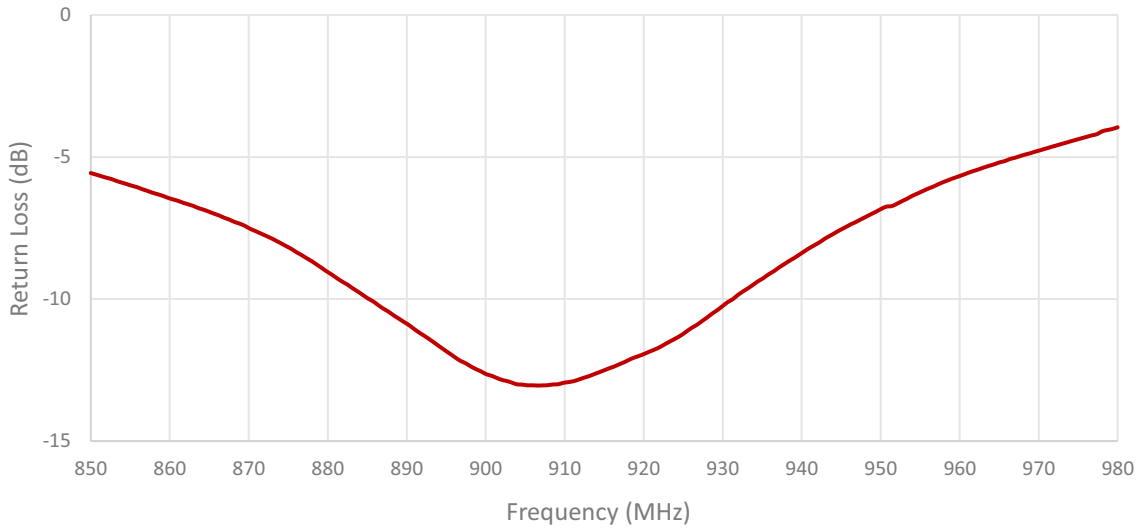
100 mm 1.37 mm Cable

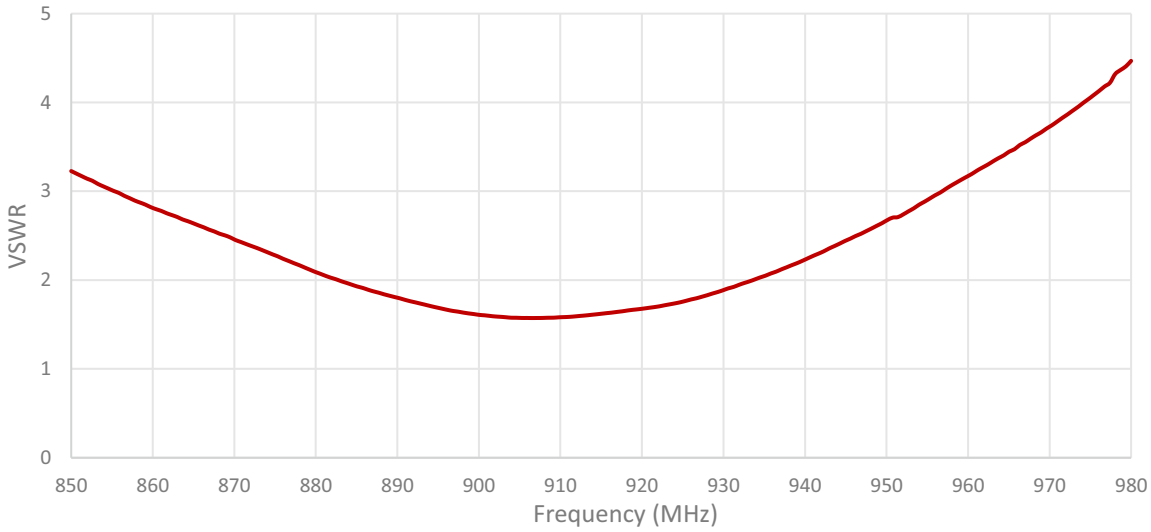
Measured in Certified CTIA 3D Anechoic Chamber

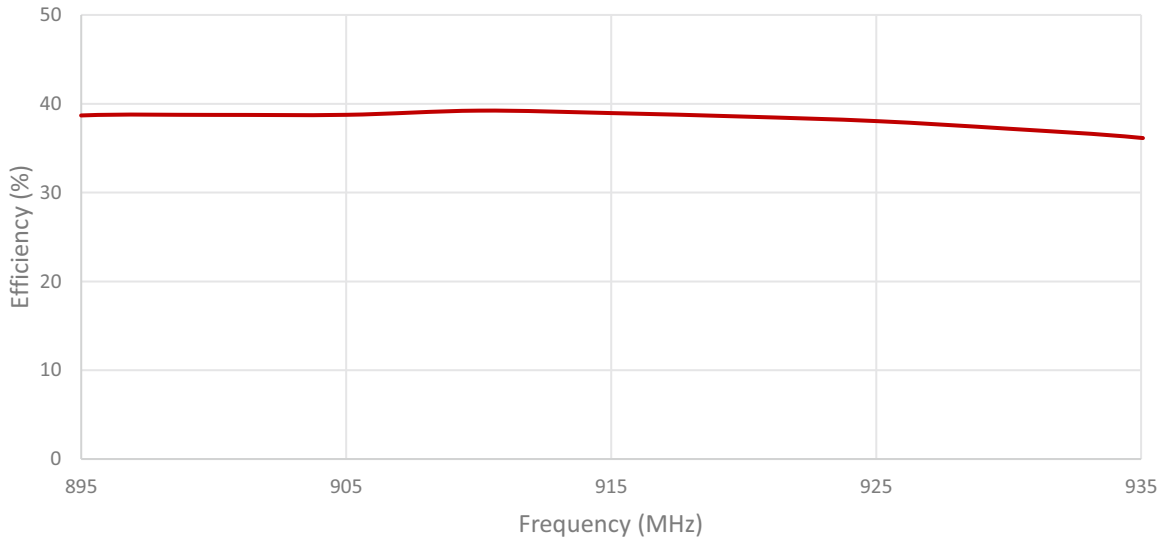
2. Mechanical and environmental specifications

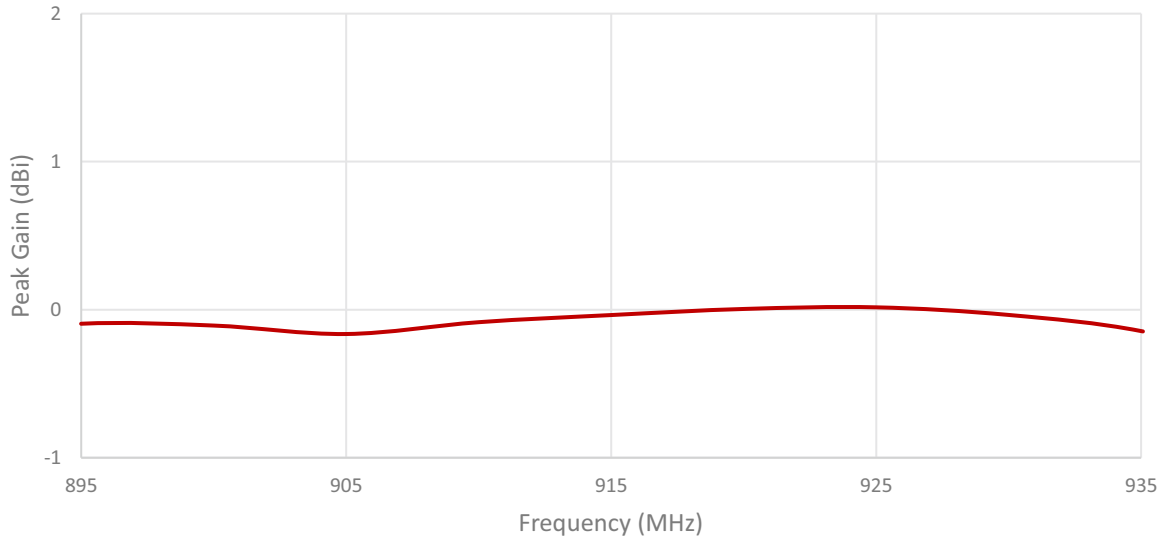
Specifications	2JF0215P
Mounting Type	Self-Adhesive
Dimensions (mm)	40.0 x 7.0 x 0.2
Material	Flexible Polymer
Operating Temperature (C)	-40 to +85
Storage Temperature (C)	-40 to +85
Substance Compliance	RoHS

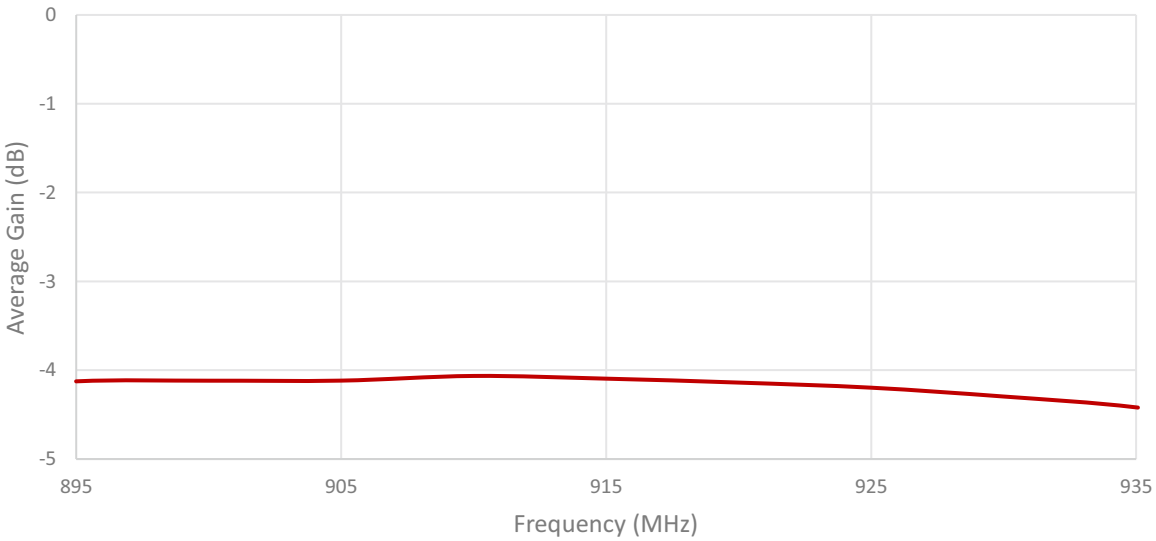
3. Antenna parameters

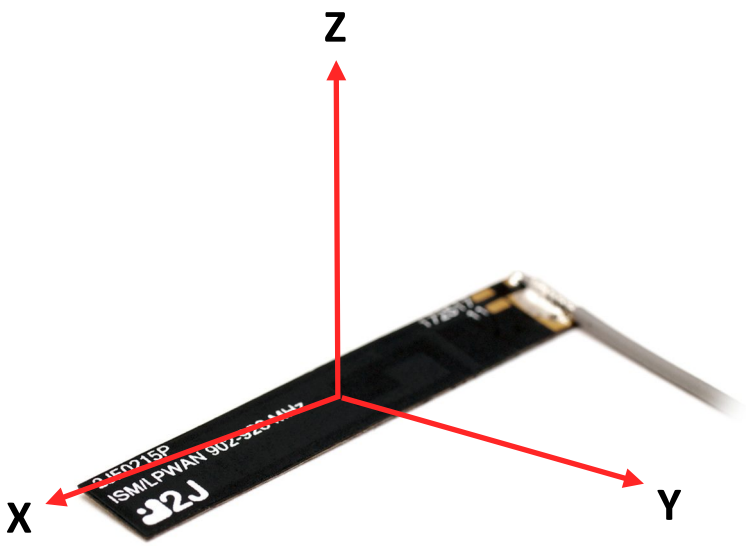




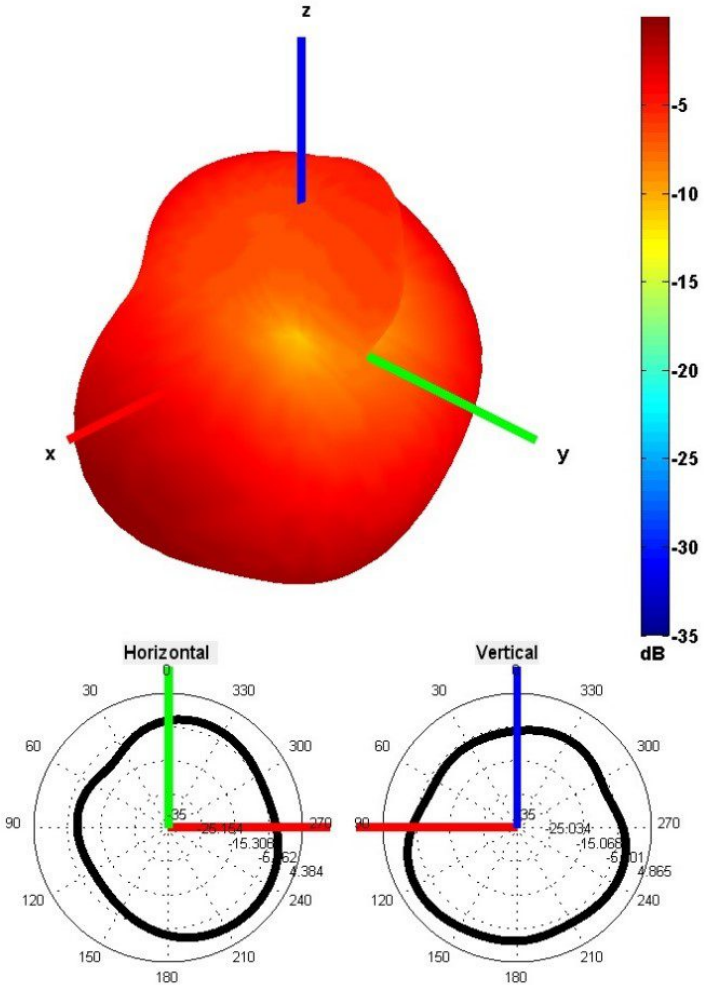

50
40
30
20
10
0
Efficiency (%)
895
905
915
925
935
Frequency (MHz)


2
1
0
-1
Peak Gain (dBi)
895
905
915
925
935
Frequency (MHz)



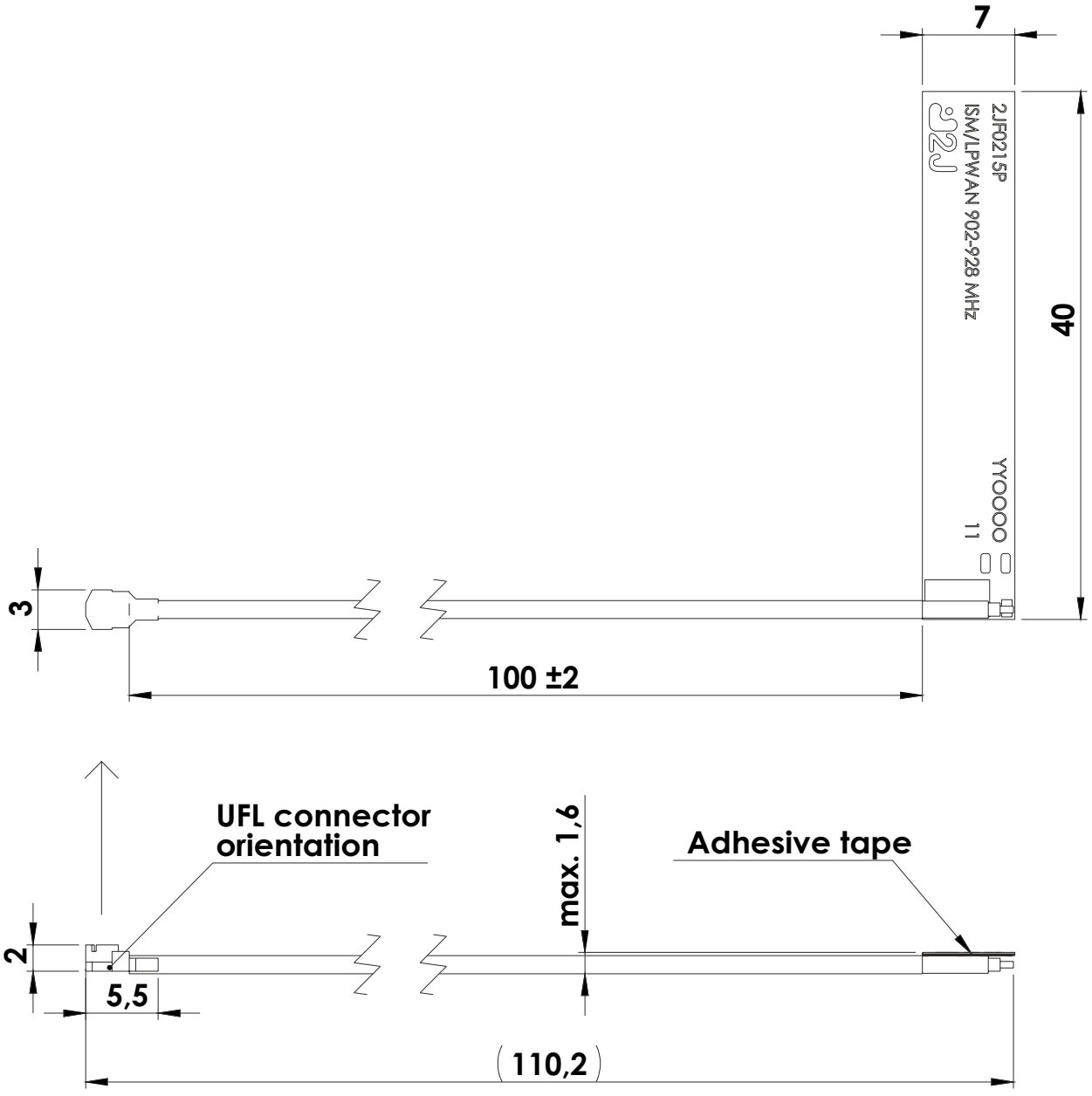
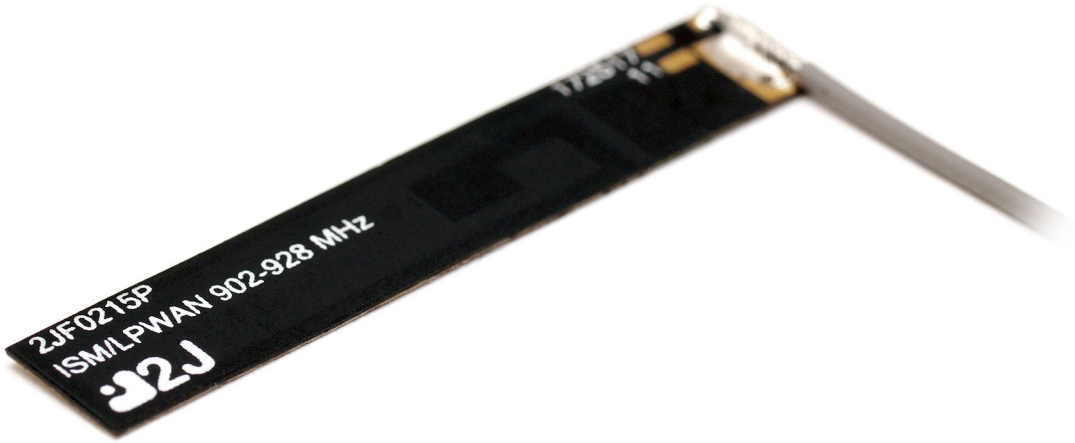


Radiation pattern reference



915 MHz Radiation pattern

4. Antenna drawings



5. Antenna Images