

AMC-ANT-2JF0215P

915MHz flexible polymer (FPC) antenna

Features

- 915MHz ISM
 - 902 - 928MHz
- Self-adhesive
- Flexible material
- Ground plane independent
- Dimensions: 40 x 7.0 x 0.2mm
- Customisable cable and connector



1. Antenna and electrical specifications

Parameters	915MHz ISM antenna
Standards	ZigBee, ISM, Sigfox, LoRa
Band (MHz)	915
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 (Ohms)	50
Polarisation	Linear
Radiation Pattern	Omni-directional
Max. Input Power (W)	25
Connector Type	U.FL standard (other connectors available)
Cable Length	100mm standard (other cable lengths available)
Cable Type	1.37mm mini coax standard (other cables available)

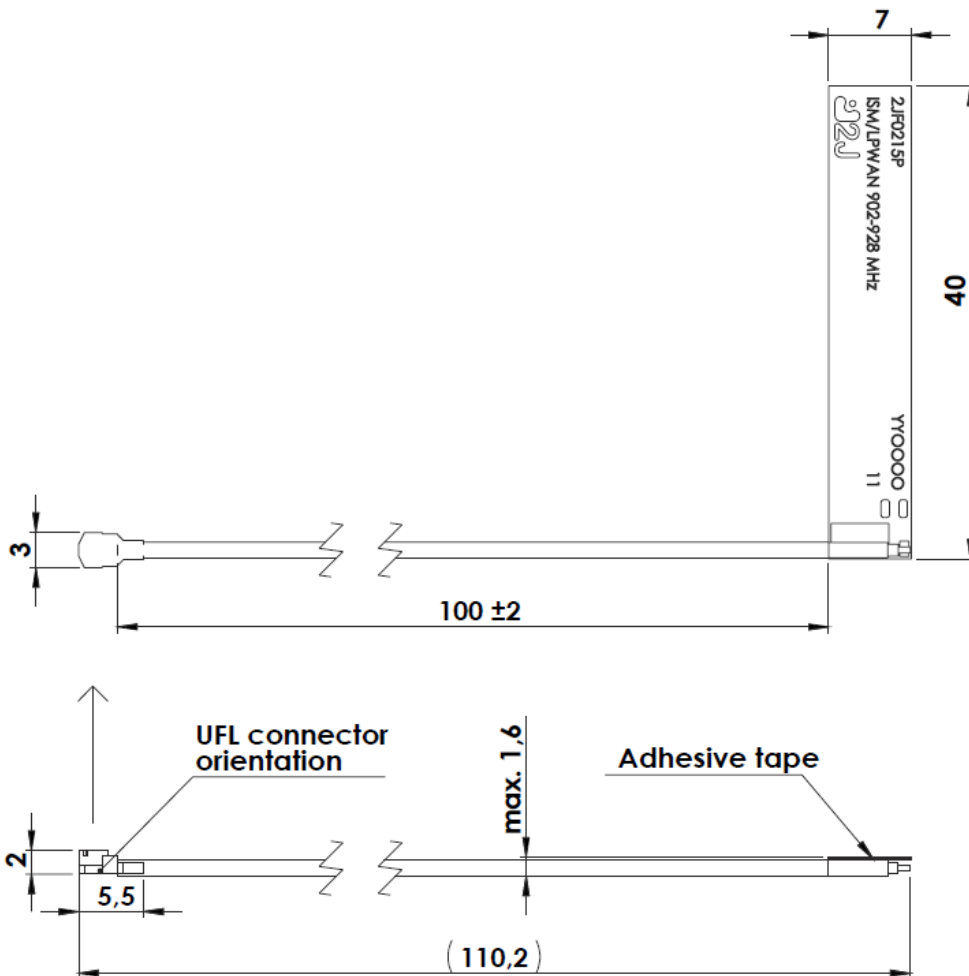
Antenna measurement conditions:

- Mounted on 30 x 30 x 0.25cm ABS plate
- 100mm 1.37mm cable
- Measured in certified CTIA 3D anechoic chamber

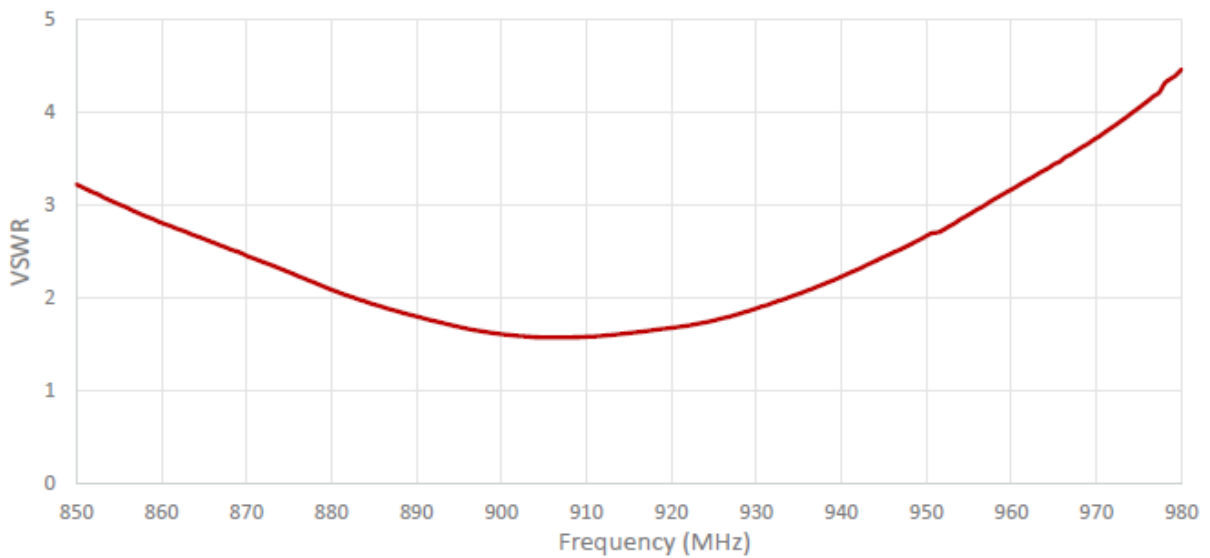
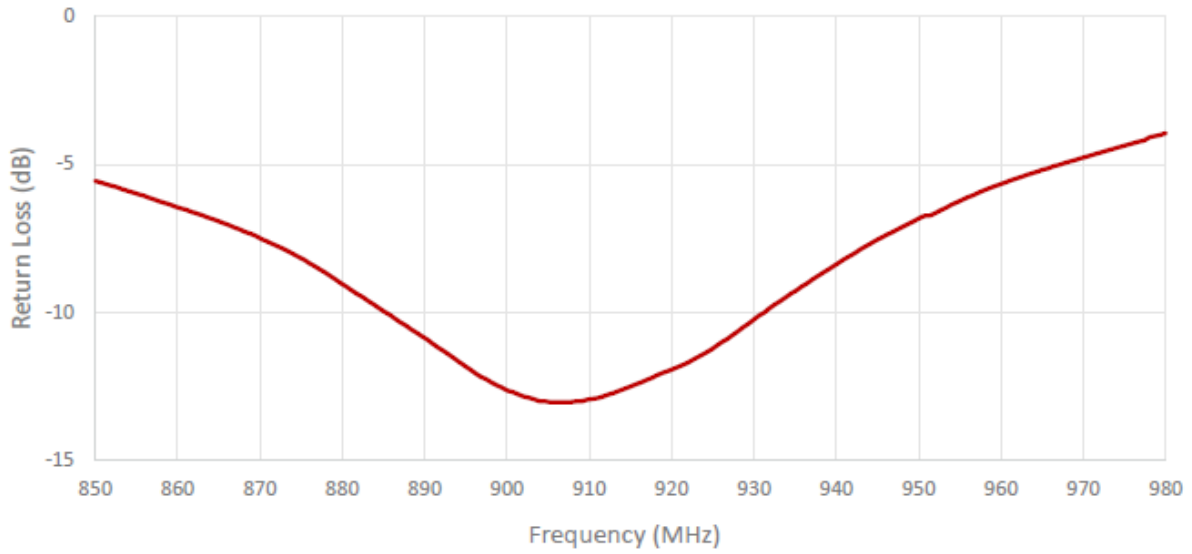


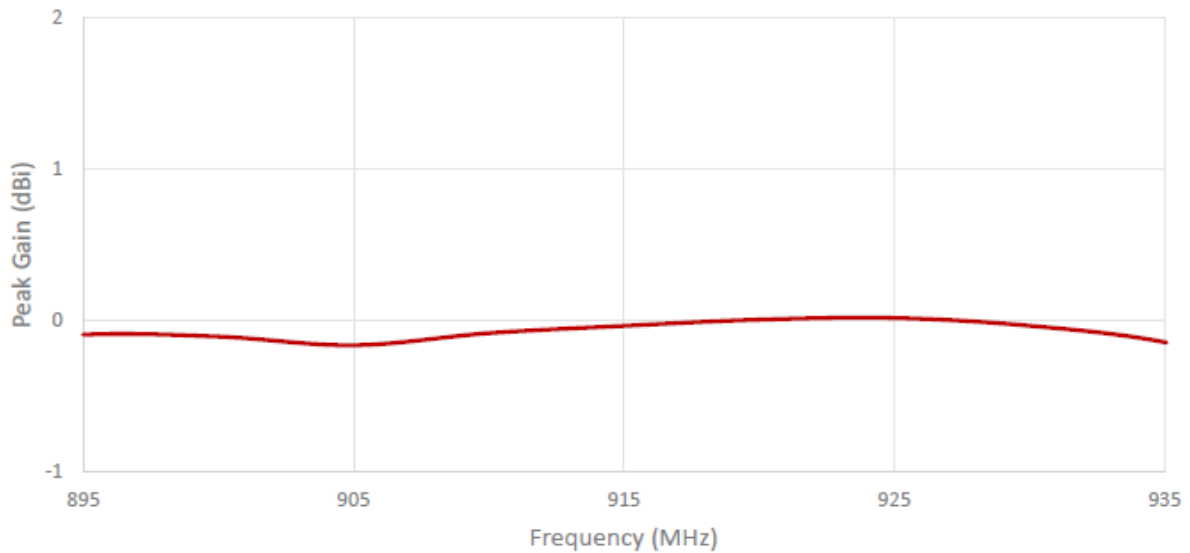
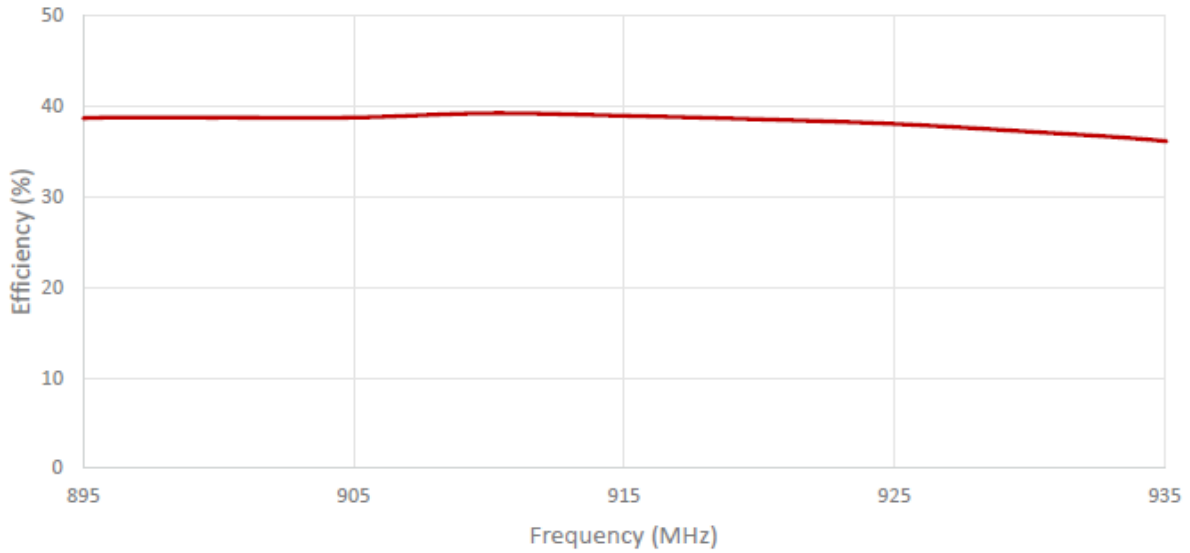
2. Mechanical and environmental specifications

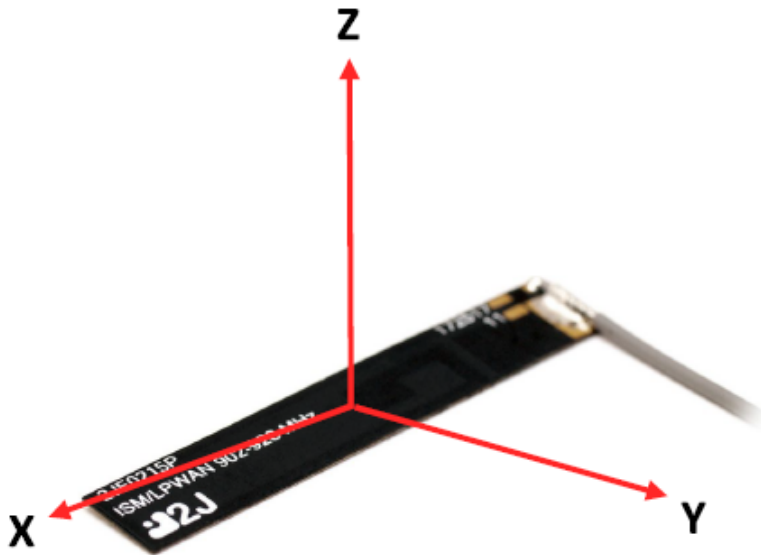
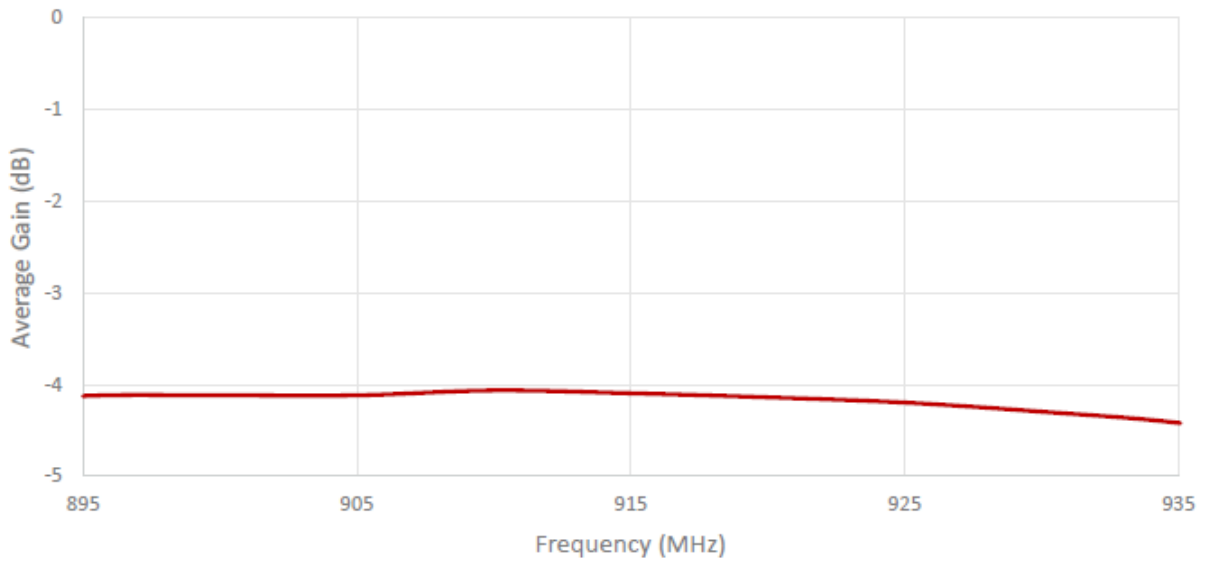
Mounting Type	Self-adhesive
Dimensions (mm)	40.0 x 7.0 x 0.2
Adhesive Type	3M 467
Material	Flexible polymer
Operating Temperature (°C)	-40 to +85
Storage Temperature (°C)	-40 to +85
Substance Compliance	RoHS



3. Antenna parameters

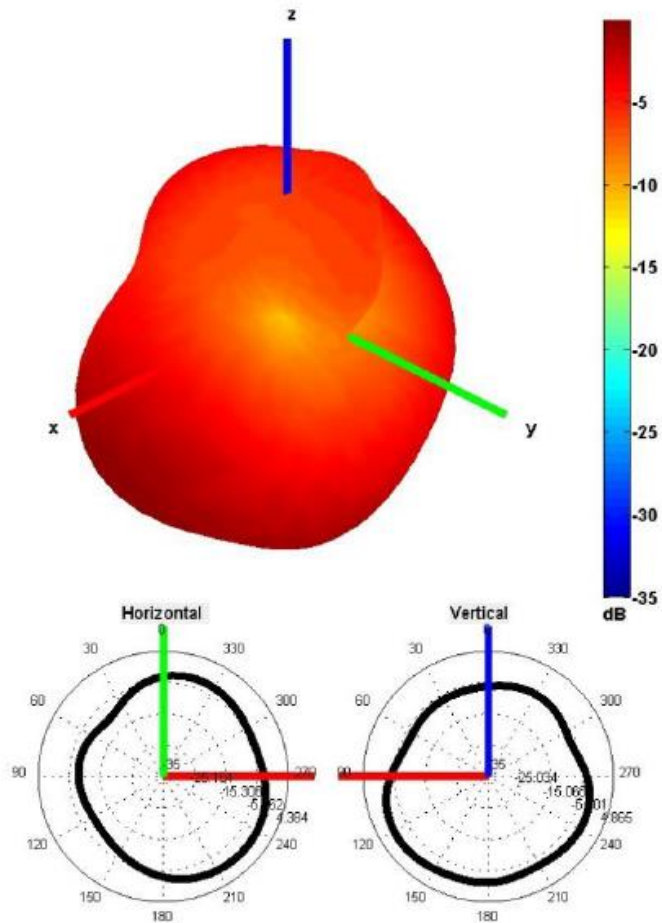






Radiation pattern reference





915 MHz Radiation pattern

