antenna conceptor

Product Datasheet

2JP0515P

915MHz ISM Rigid Fiberglass

Key Features

915 MHz ISM
- 902-928 MHZ
Self-Adhesive
Ground Plane Independent
Customized Cable and Connector
Dimensions 35.4 x 6.8 x 0.8 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)	~-18.1
VSWR	~1.3:1
Efficiency (%)	~32.5
Peak Gain (dBi)	~0.1
Average Gain (dB)	~-4.9
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

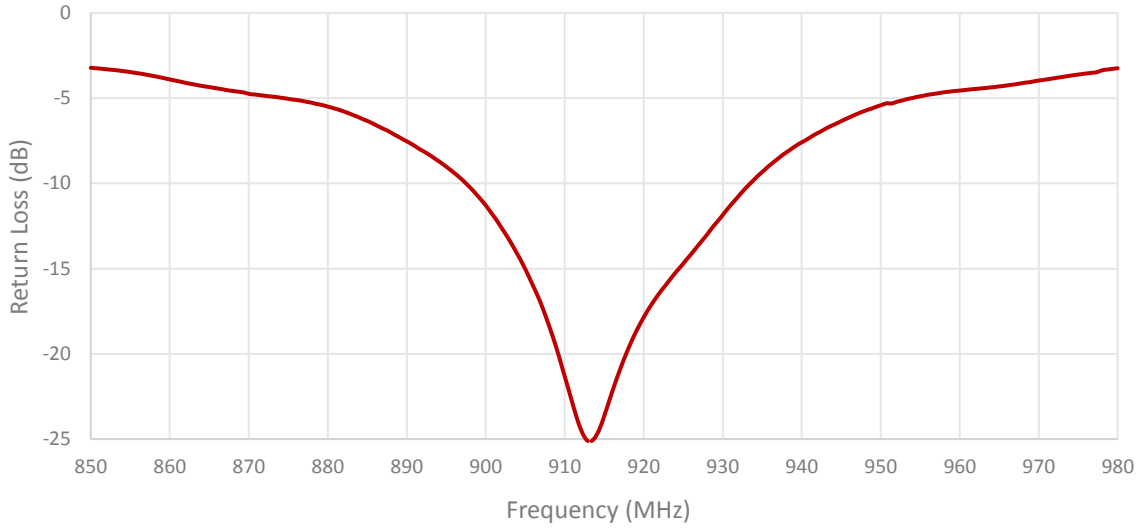
100 mm 1.37 mm Cable

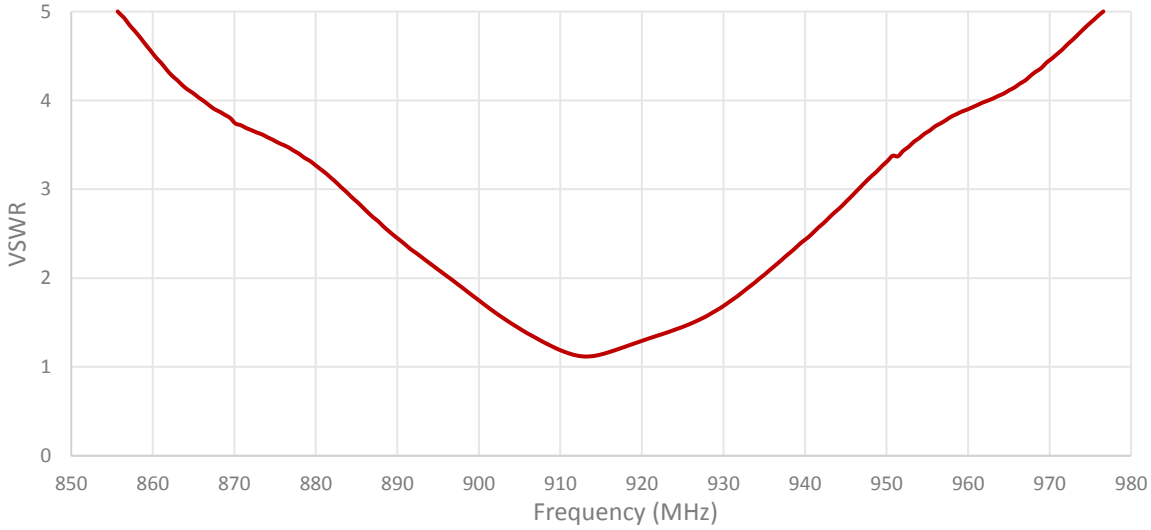
Measured in Certified CTIA 3D Anechoic Chamber

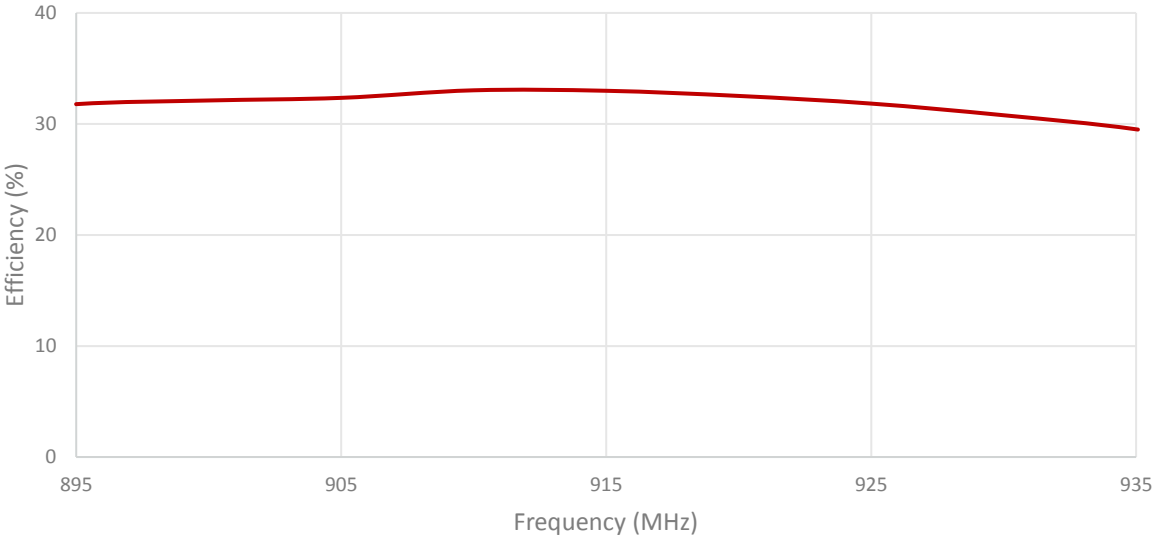
2. Mechanical and environmental specifications

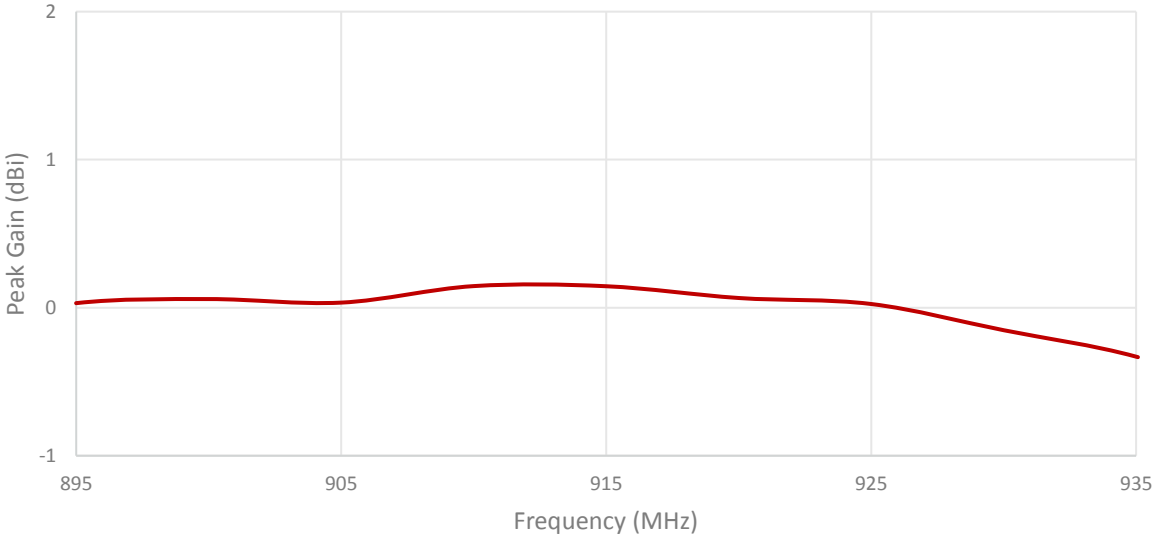
Specifications	2JP0515P
Mounting Type	Self-Adhesive
Dimensions (mm)	35.4 x 6.8 x 0.8
Adhesive Type	3M 467
Material	Rigid Fiberglass
Operating Temperature (C)	-40 to +85
Storage Temperature (C)	-40 to +85
Substance Compliance	RoHS

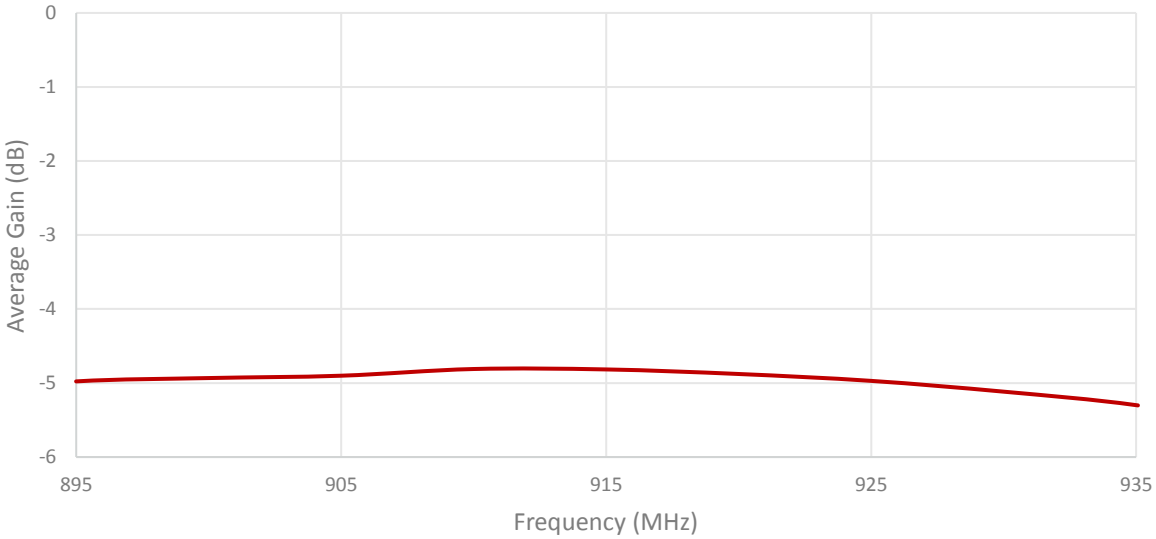
3. Antenna parameters

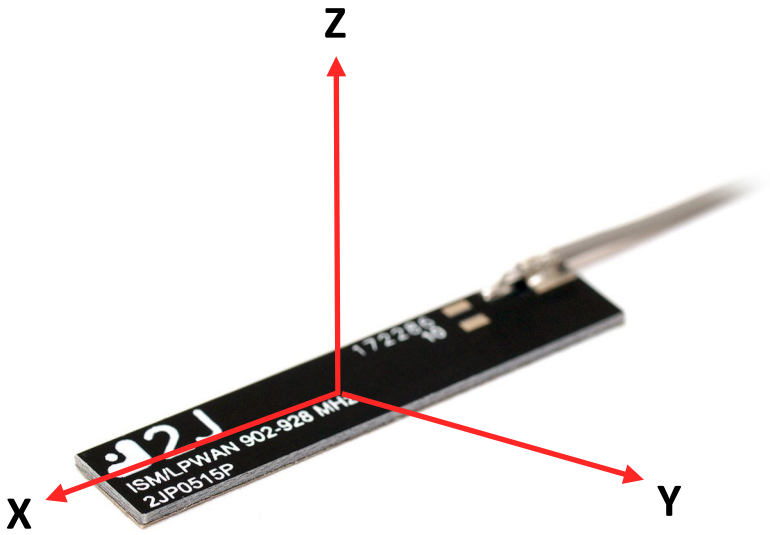




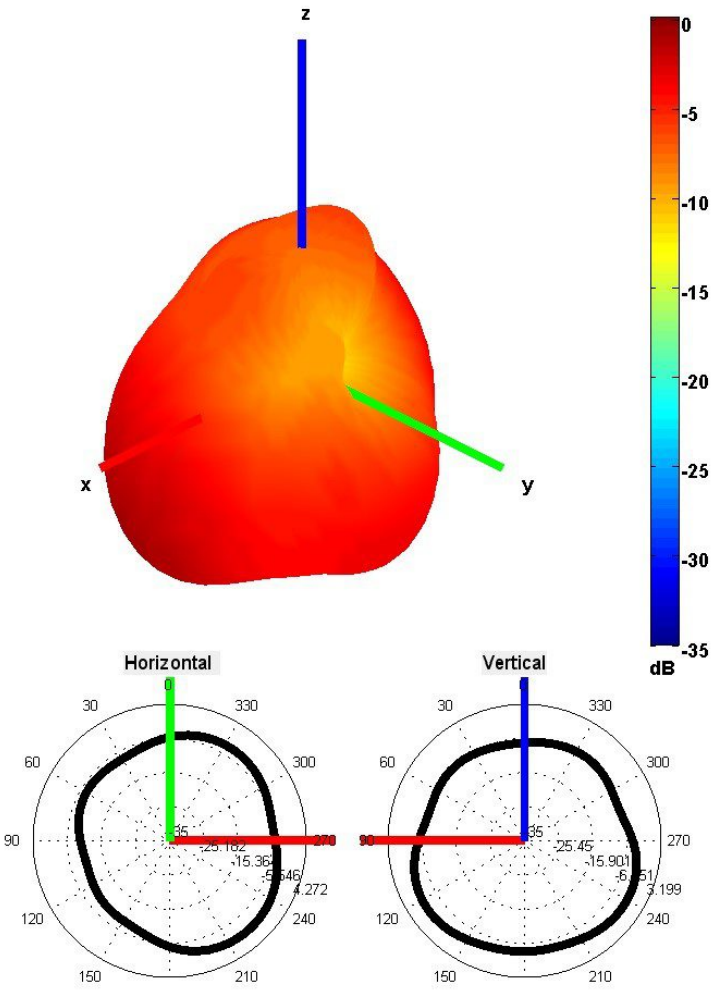

40
30
20
10
0
Efficiency (%)
895
905
915
925
935
Frequency (MHz)


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



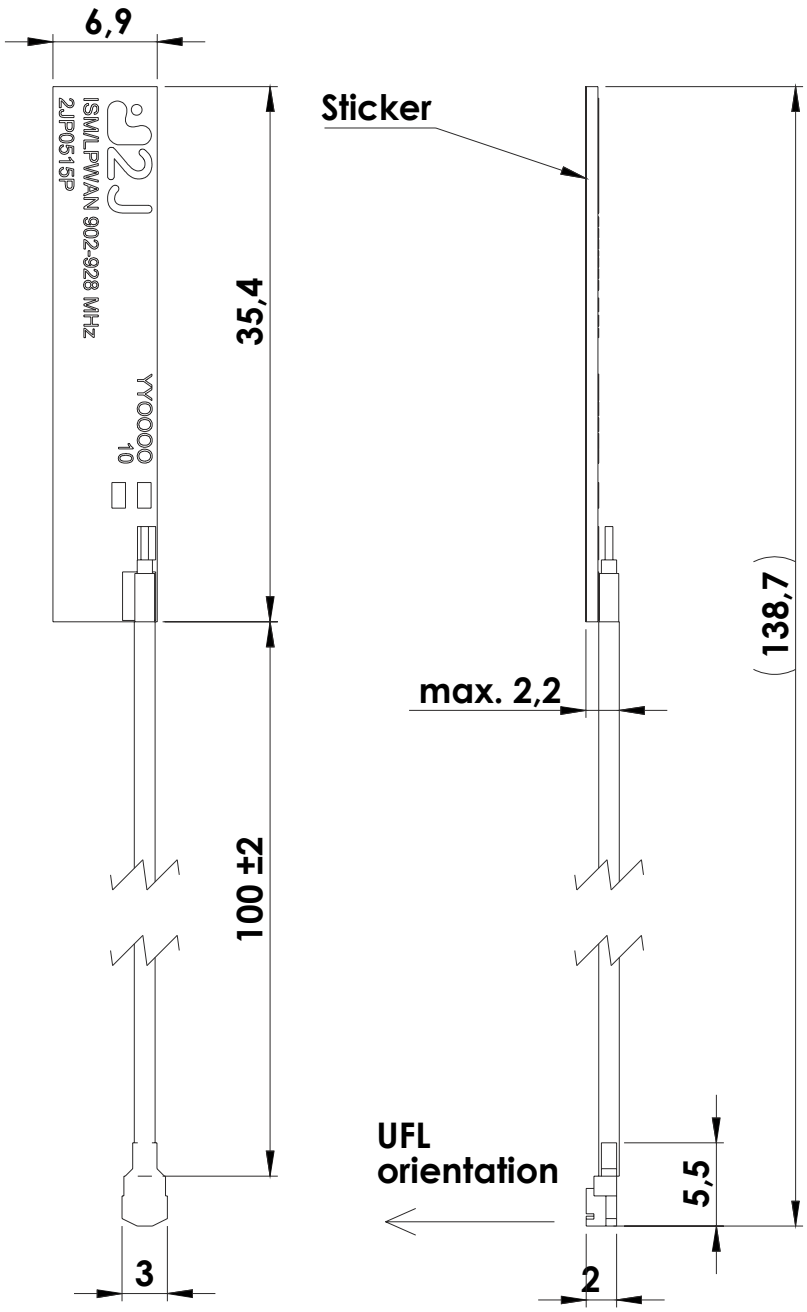


Radiation pattern reference



915 MHz Radiation pattern

4. Antenna drawings



5. Antenna Images





