

2JP0615P

433 MHz ISM Rigid Fiberglass

Key Features

433 MHz ISM
- 433-435 MHz
Self-Adhesive
Ground Plane Independent
Customized Cable and Connector
Dimensions 104 x 8.5 x 0.8 mm



1. Antenna and electrical specifications

Parameters	433 MHz ISM Antenna
Standards	ISM, LoRa
Band (MHz)	433 MHz
Frequency(MHz)	433-435
Return Loss (dB)	~-23.7
VSWR	~1.1:1
Efficiency (%)	~32.6
Peak Gain (dBi)	~-2.6
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	250mm 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

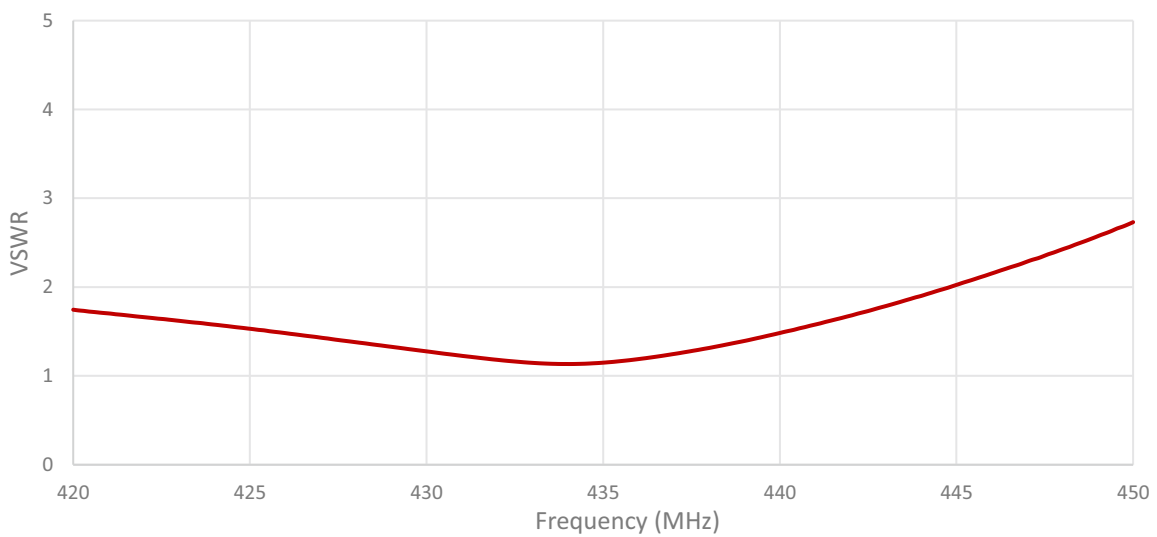
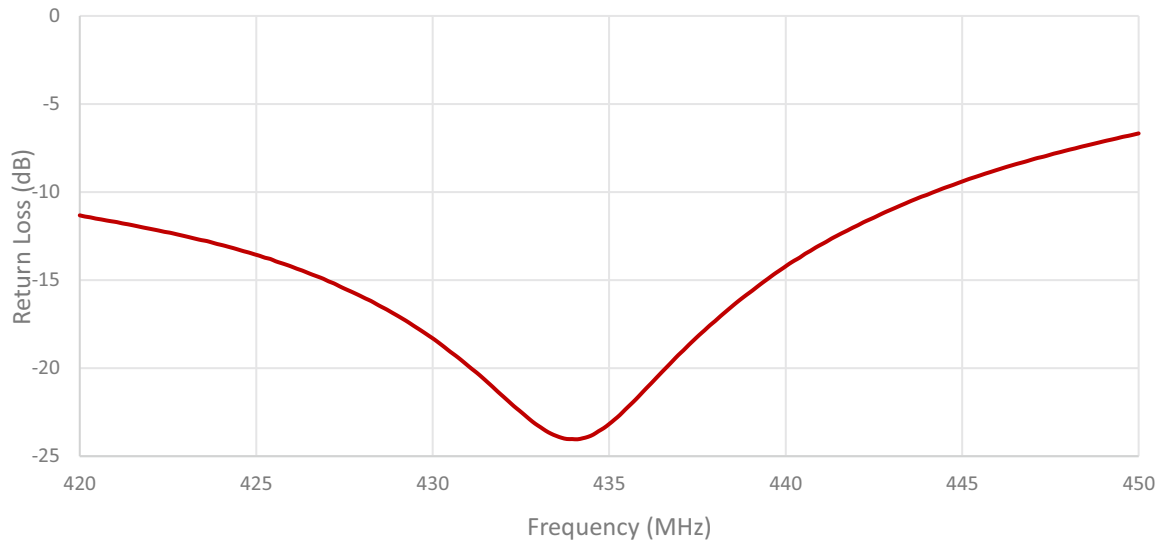
250 mm 1.37 mm Cable

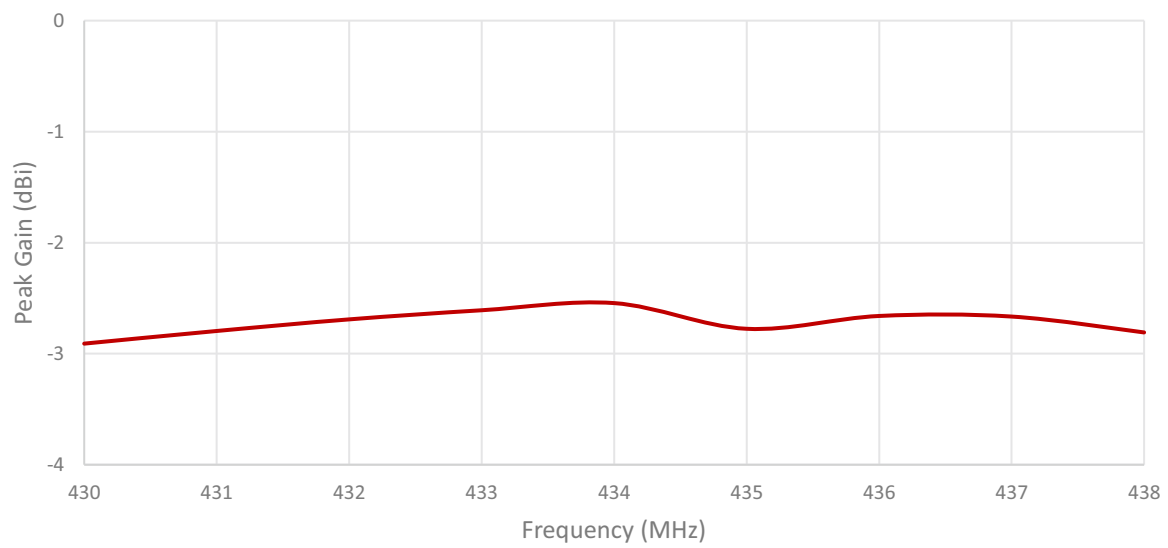
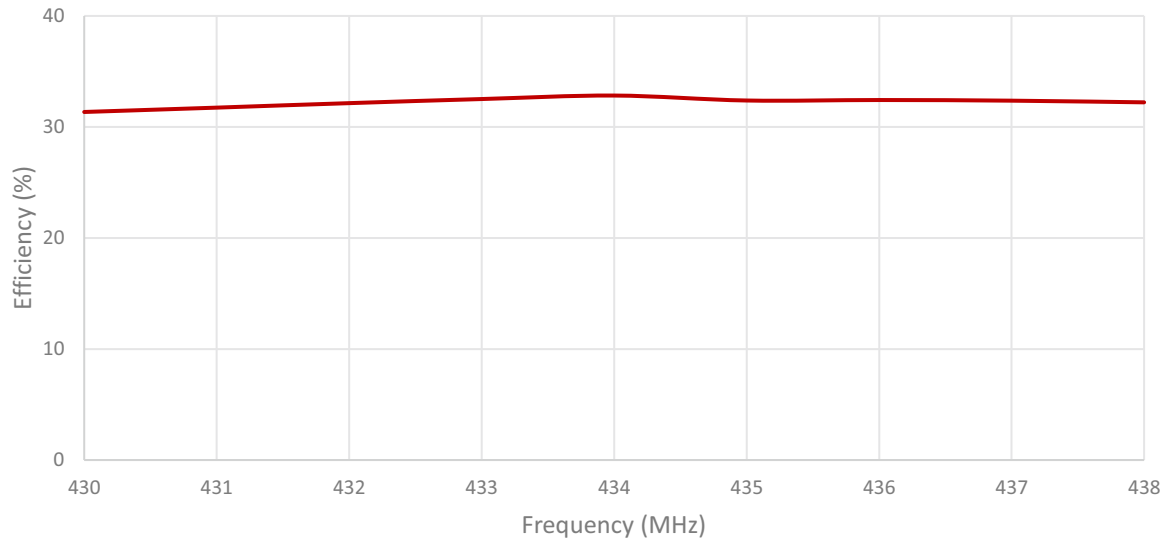
Measured in Certified CTIA 3D Anechoic Chamber

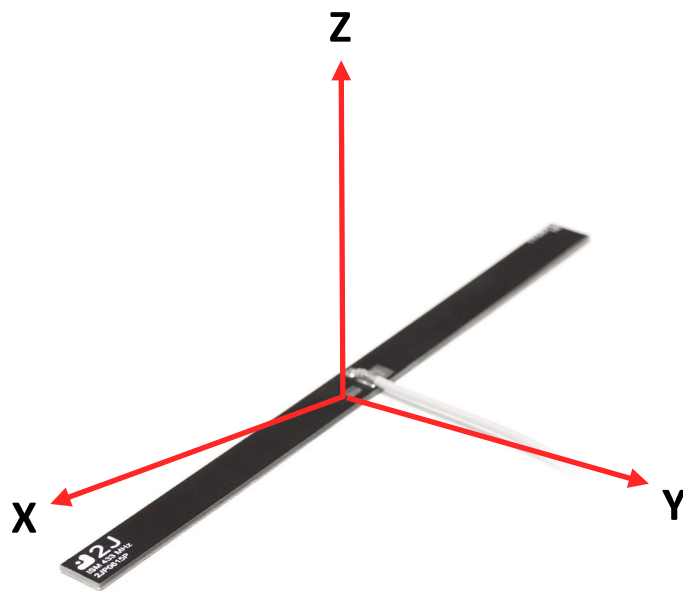
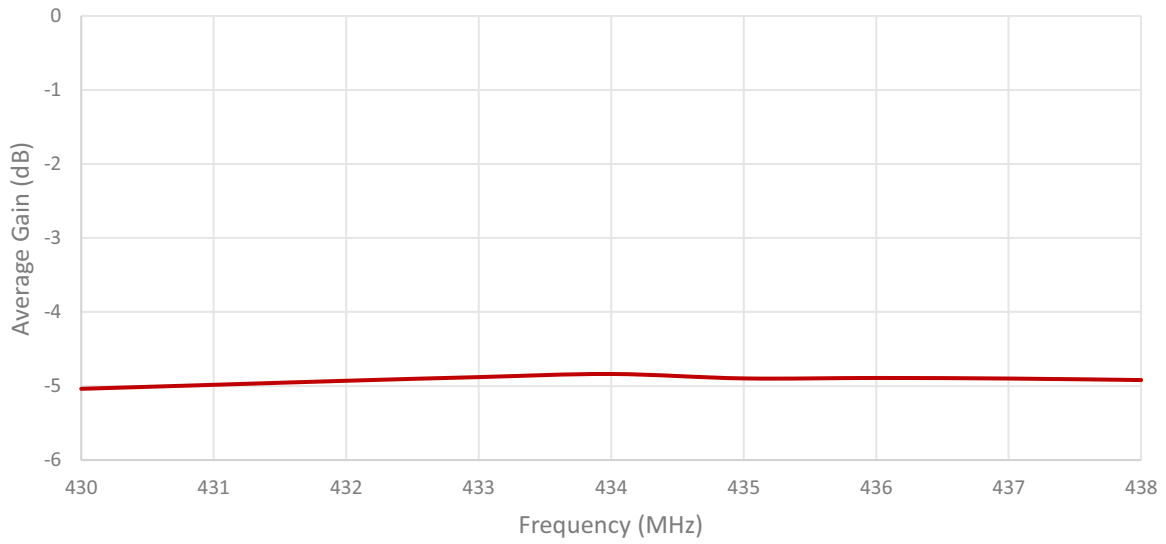
2. Mechanical and environmental specifications

Specifications	2JP0615P
Mounting Type	Self-Adhesive
Dimensions (mm)	104 x 8.5 x 0.8
Material	Rigid Fiberglass
Operating Temperature (C)	-40 to +85
Storage Temperature (C)	-40 to +85
Substance Compliance	RoHS

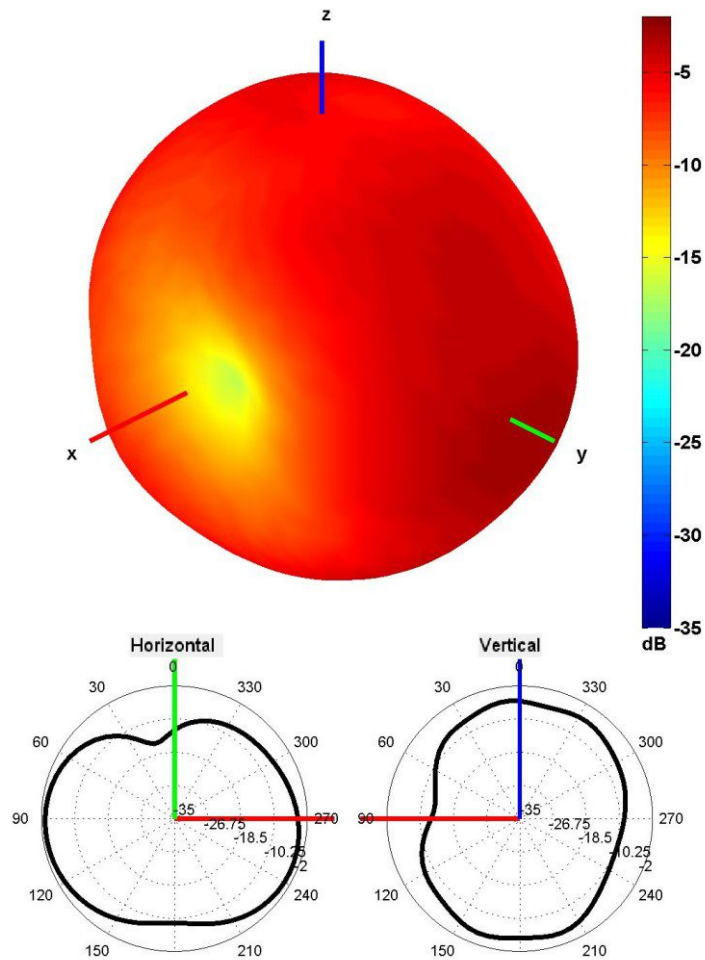
3. Antenna parameters





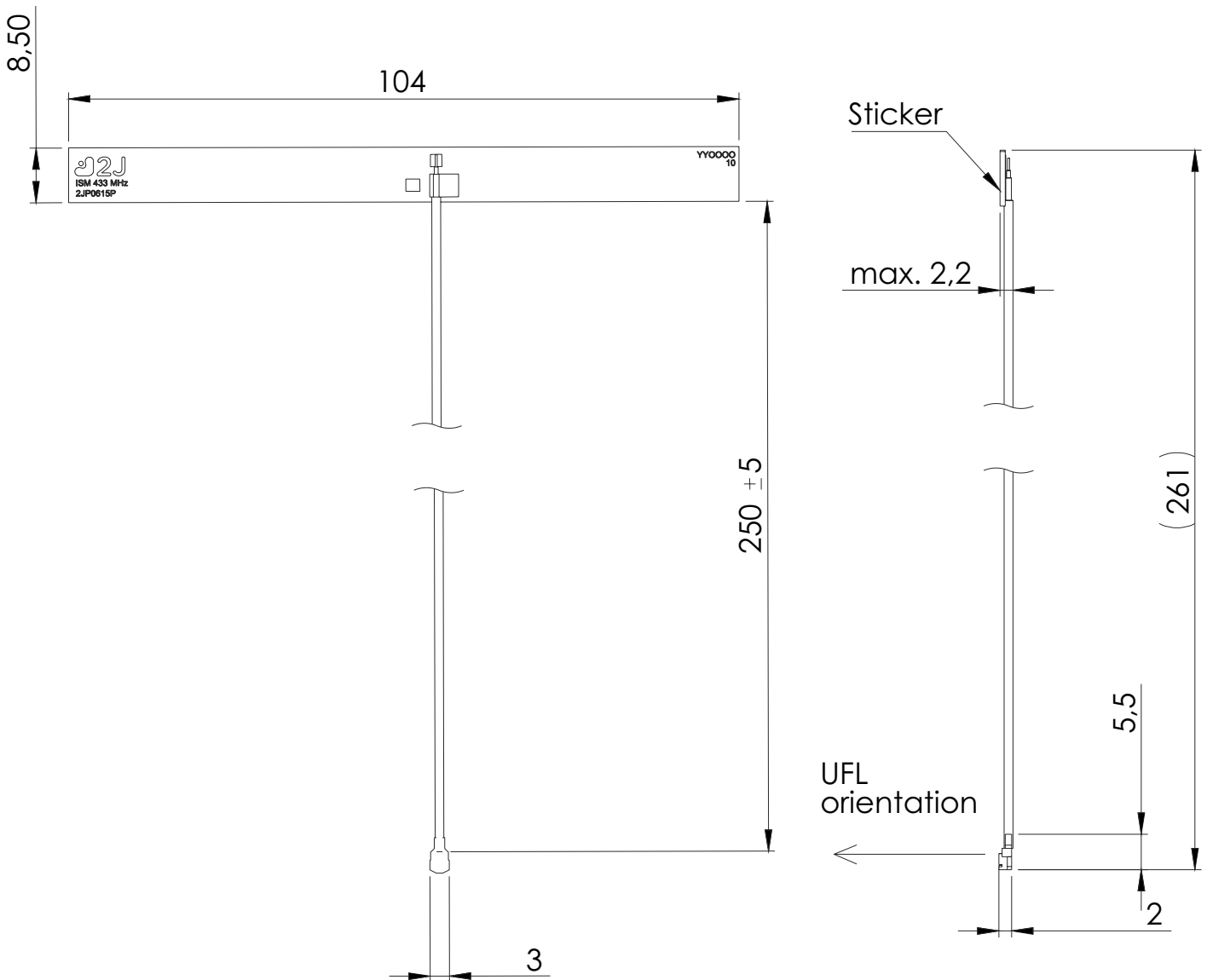


Radiation pattern reference



433 MHz Radiation pattern

4. Antenna drawings



5. Antenna Images

