

2JW0402-2.4-C20N

2.4 GHz ISM Connector Mount

Key Features

2.4 GHz ISM

- 2410-2490 MHz

Connector Mount

Ground Plane Independent

Dimensions Ø 10 × 139 mm



1. Antenna and electrical specifications

Parameters	2.4 GHz ISM Antenna
Standards	WiFi, BT, ZigBee, ISM, Sigfox, LoRa
Band (MHz)	2.4 GHz
Frequency (MHz)	2410-2490
Return Loss (dB)	~-10.9
VSWR	~1.9:1
Efficiency (%)	~49.6
Peak Gain (dBi)	~2.2
Average Gain (dB)	~-3.0
Impedance (Ohm)	50
Polarisation	Linear
Radiation Pattern	Omni-Directional
Max. Input Power (W)	25
Connector Type	SMA-Male Standard

Antenna Measurement Conditions:

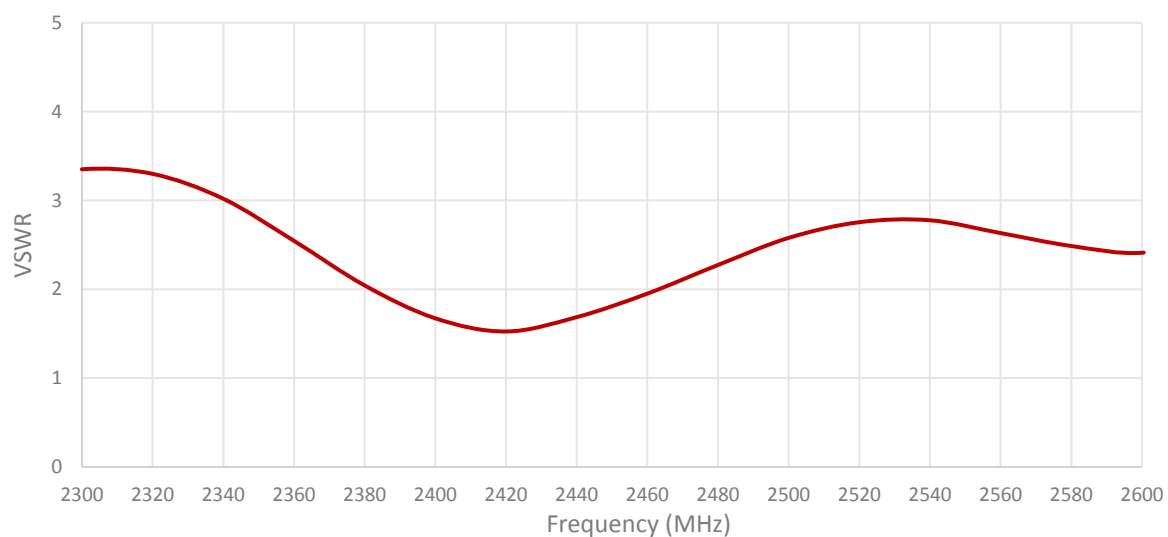
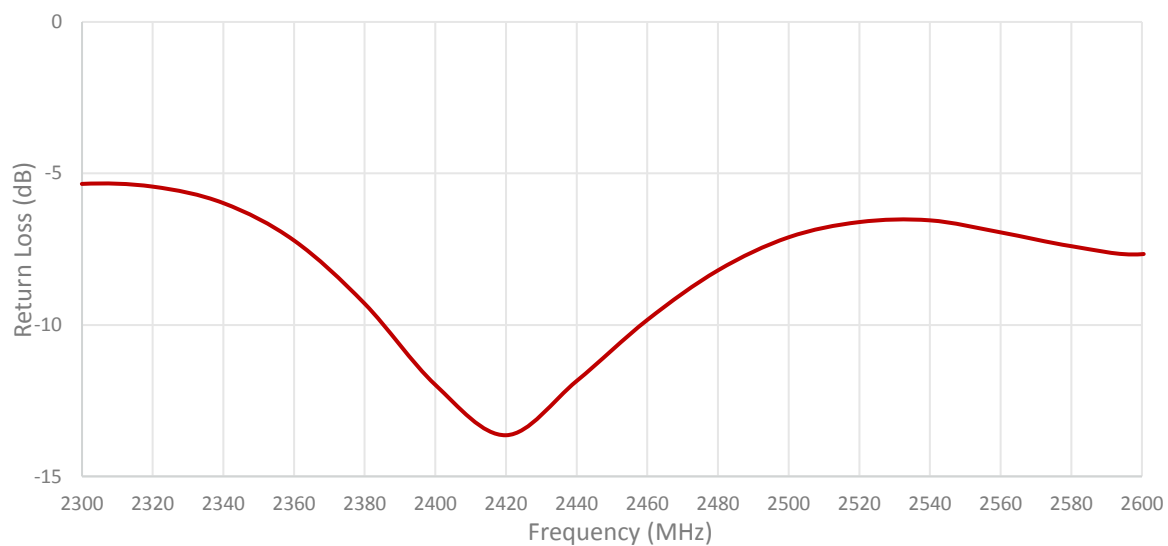
Mounted on Ground Plane of 70x35 mm

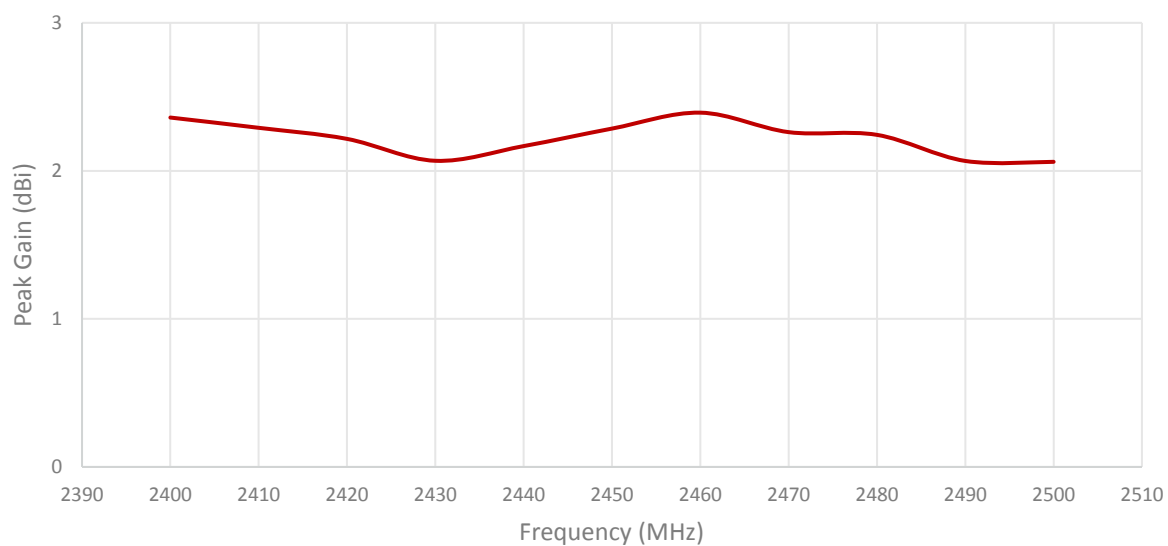
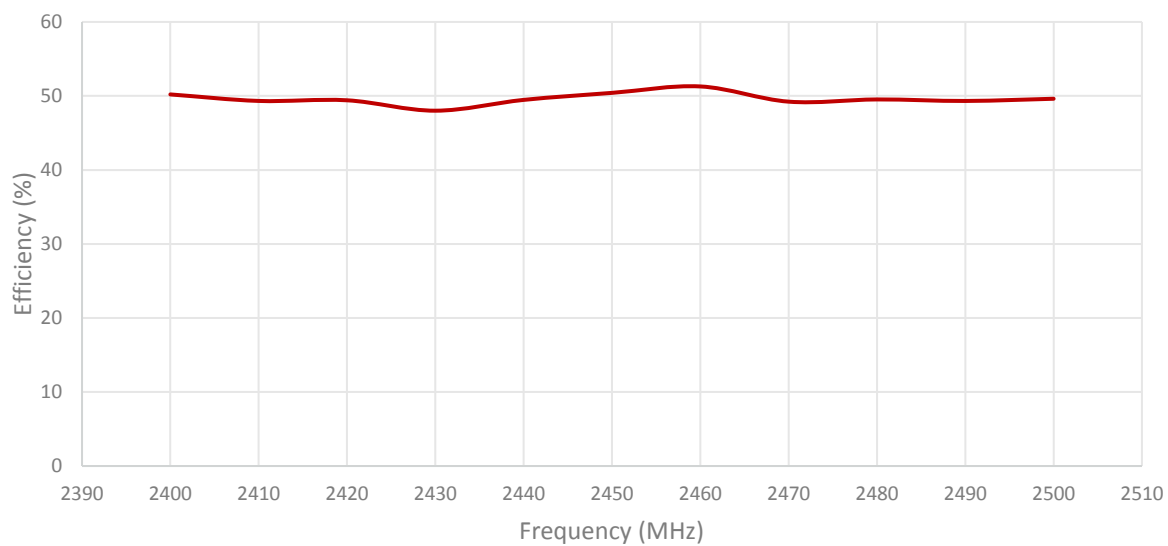
Measured in Certified CTIA 3D Anechoic Chamber

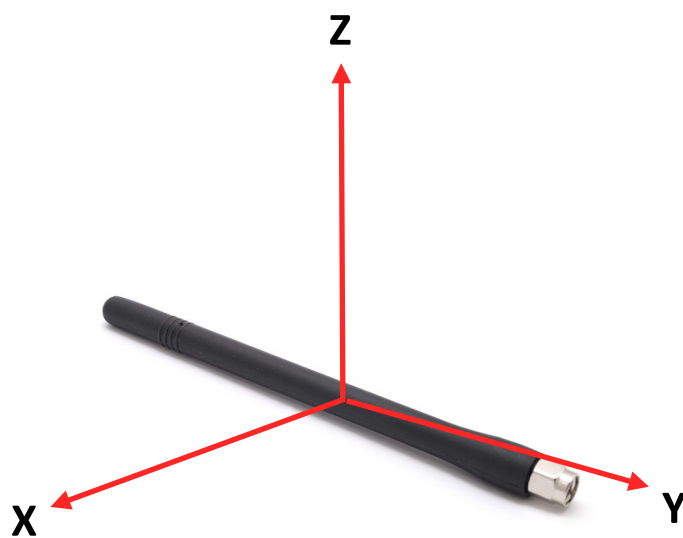
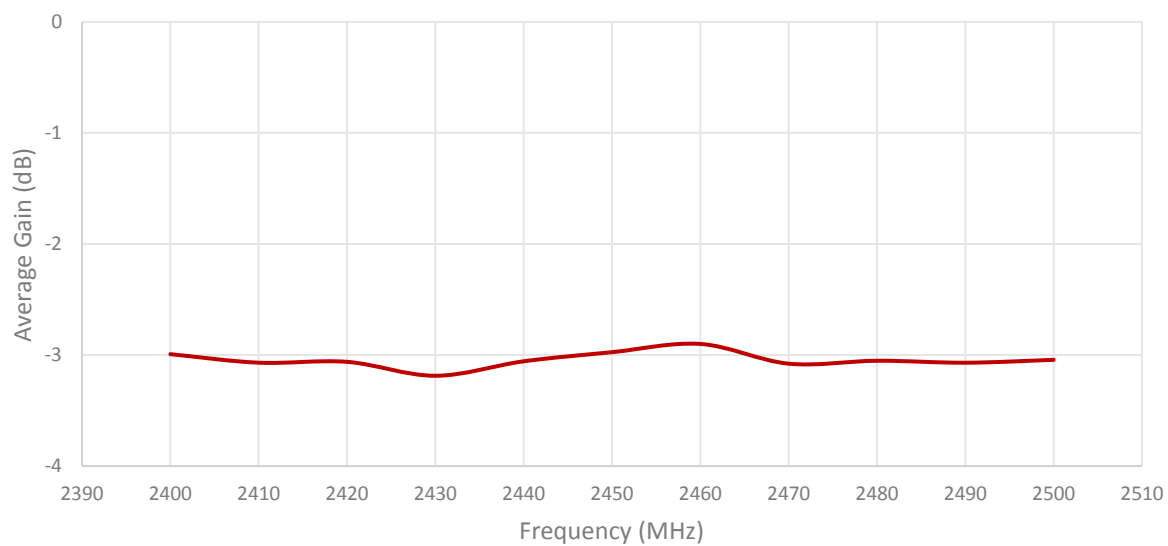
2. Mechanical and environmental specifications

Specifications	2JW0402-2.4-C20N
Mounting Type	Connector Mount
Dimensions (mm)	Ø 10 × 139
Radome	TPE
Radome color	Black
Operating Temperature (C)	-40 to +85
Storage Temperature (C)	-40 to +85
Substance Compliance	RoHS

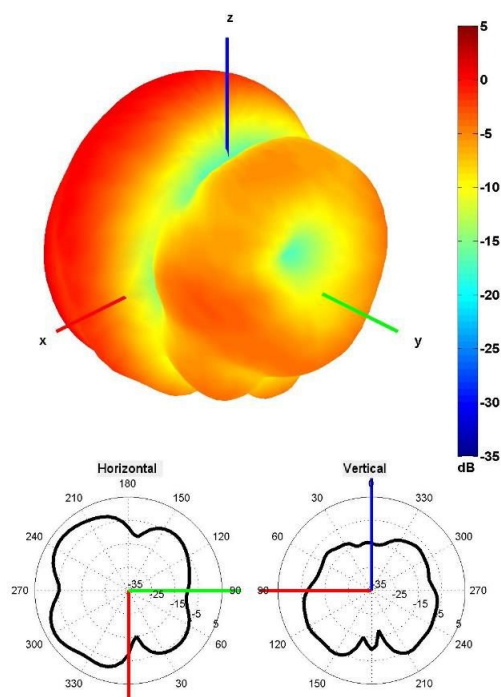
3. Antenna parameters





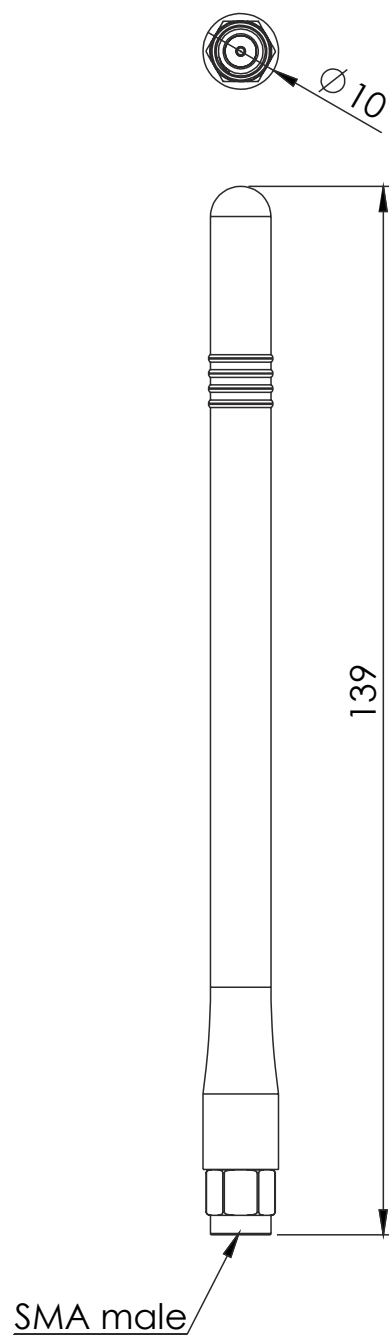


Radiation pattern reference



2450 MHz Radiation pattern

4. Antenna drawings



5. Antenna Images

