

2JW0302-2.4-C442B

2.4 GHz ISM Connector Mount

Key Features

2.4 GHz ISM

- 2410-2490 MHZ

Connector Mount

Ground Plane Independent

Hinged Connector

High Efficiency

Dimensions 113 x 10 mm



1. Antenna and electrical specifications

Parameters	2.4 GHz ISM Antenna
Standards	WiFi, BT, ZigBee, ISM
Band (MHz)	2.4 Ghz
Frequency (MHz)	2410-2490
Return Loss (dB)	~-10
VSWR	~1.9:1
Efficiency (%)	~62
Peak Gain (dBi)	~1.5
Average Gain (dB)	~-2.0
Impedance (Ohm)	50
Polarisation	Vertical
Radiation Pattern	Omni-Directional
Max. Input Power (W)	25
Connector Type	SMA-Male RP Standard

Antenna Measurement Conditions:

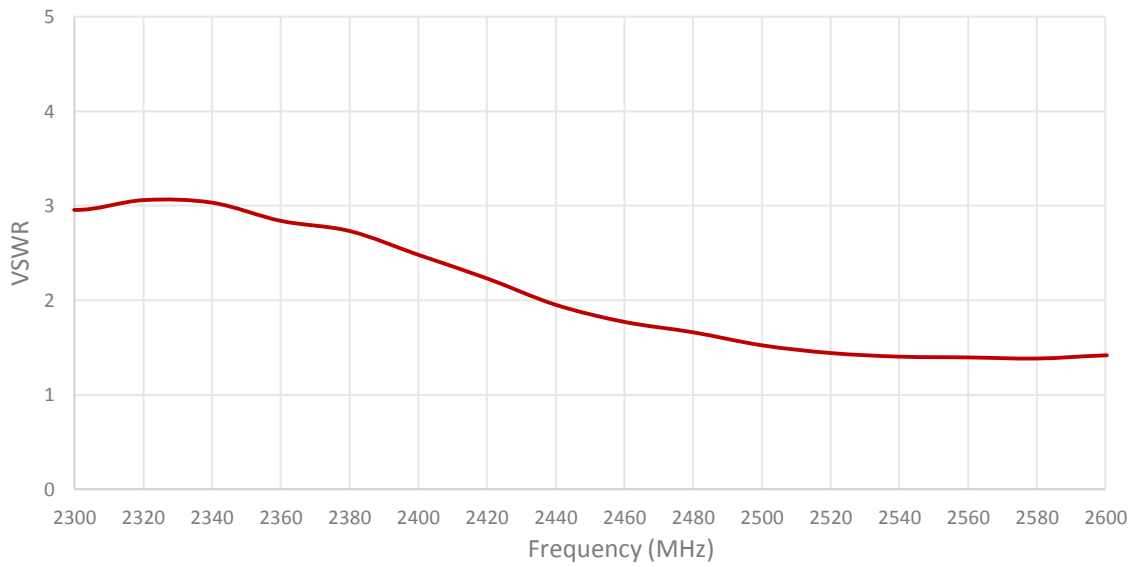
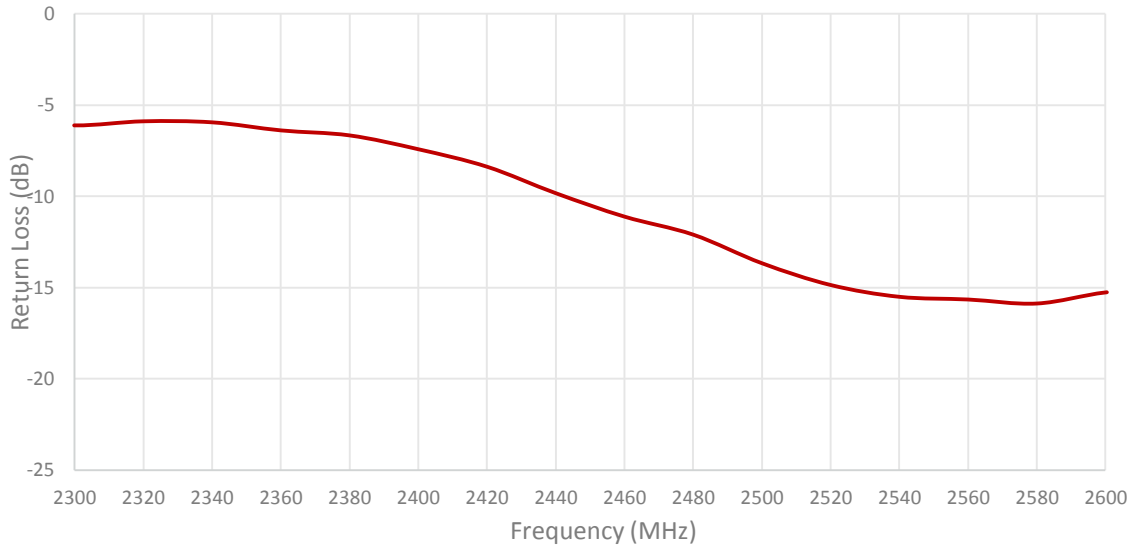
Free Space

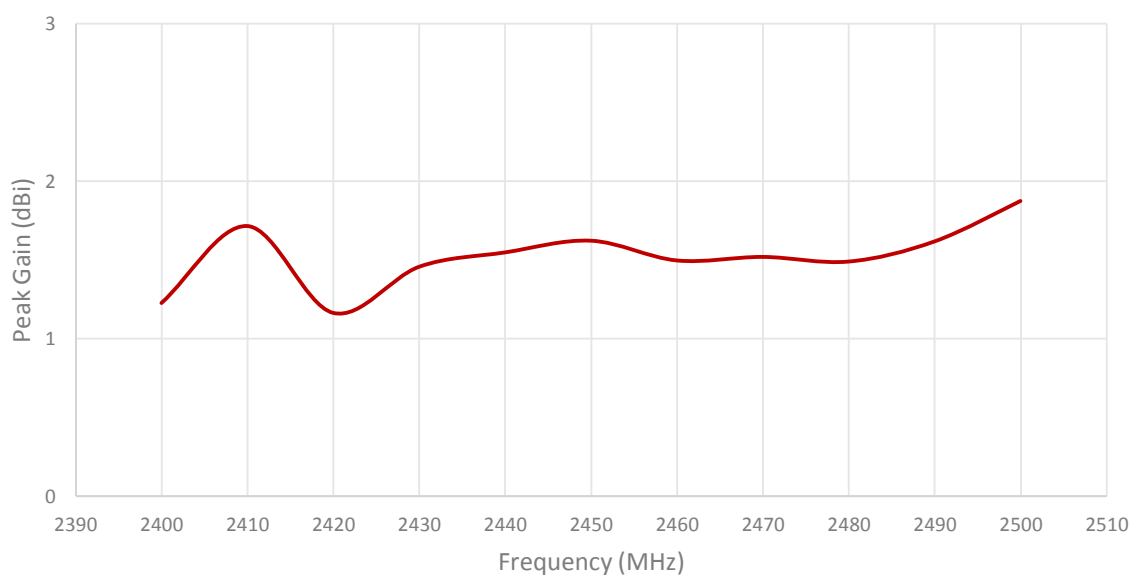
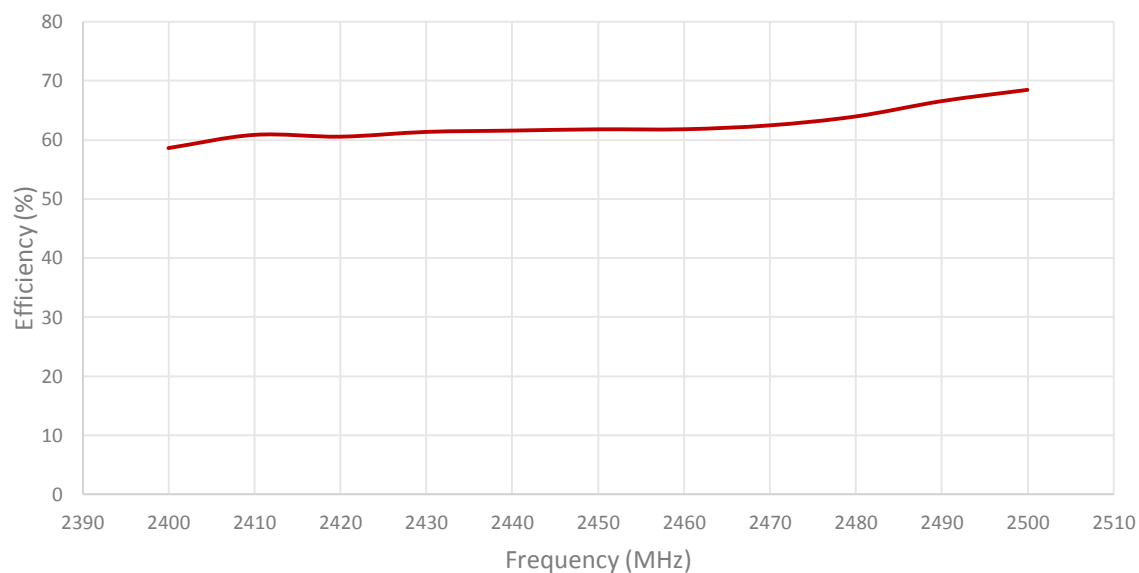
Measured in Certified CTIA 3D Anechoic Chamber

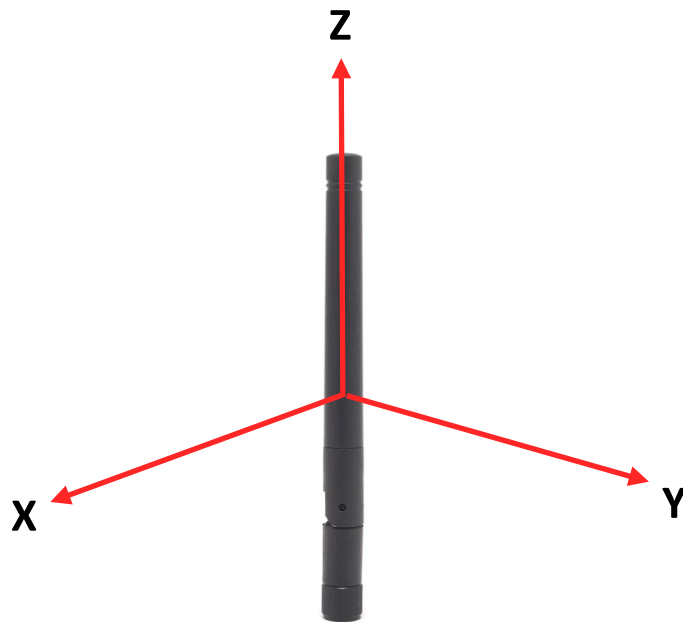
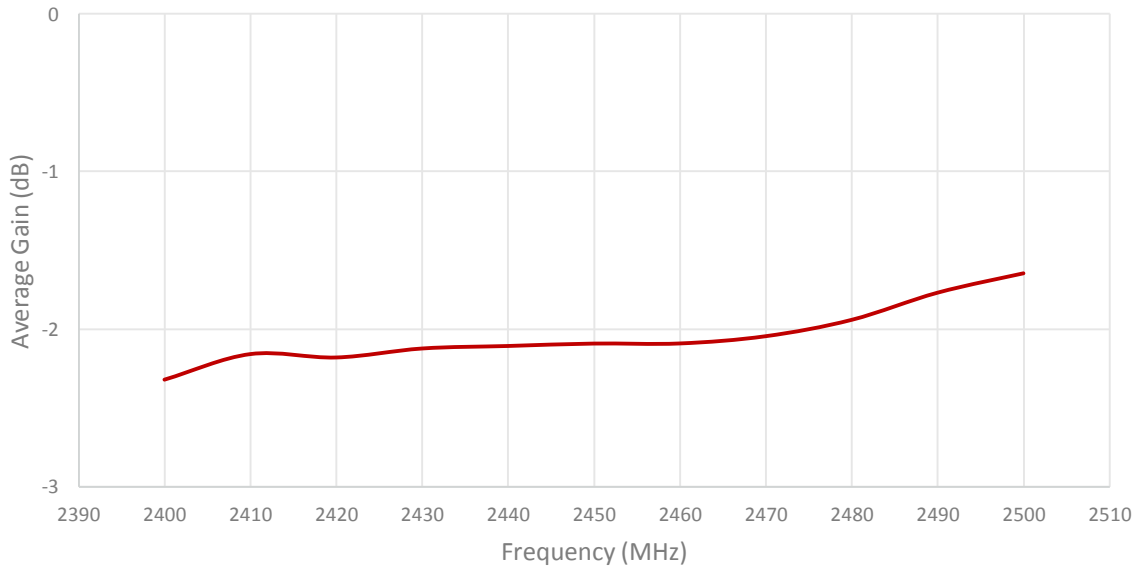
2. Mechanical and environmental specifications

Specifications	2JW0302-2.4-C442B
Mounting Type	Connector Mount
Dimensions (mm)	113 x 10
Radome	ABS UV Stable
Radome color	Black
Operating Temperature (C)	-40 to +85
Storage Temperature (C)	-40 to +85
Substance Compliance	RoHS

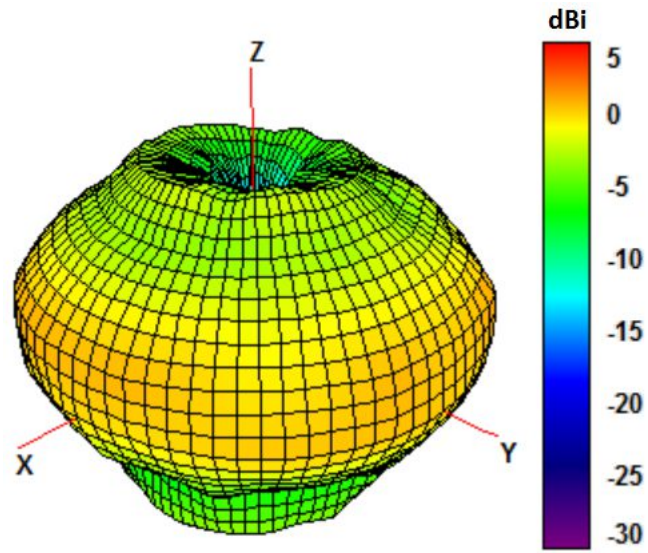
3. Antenna parameters





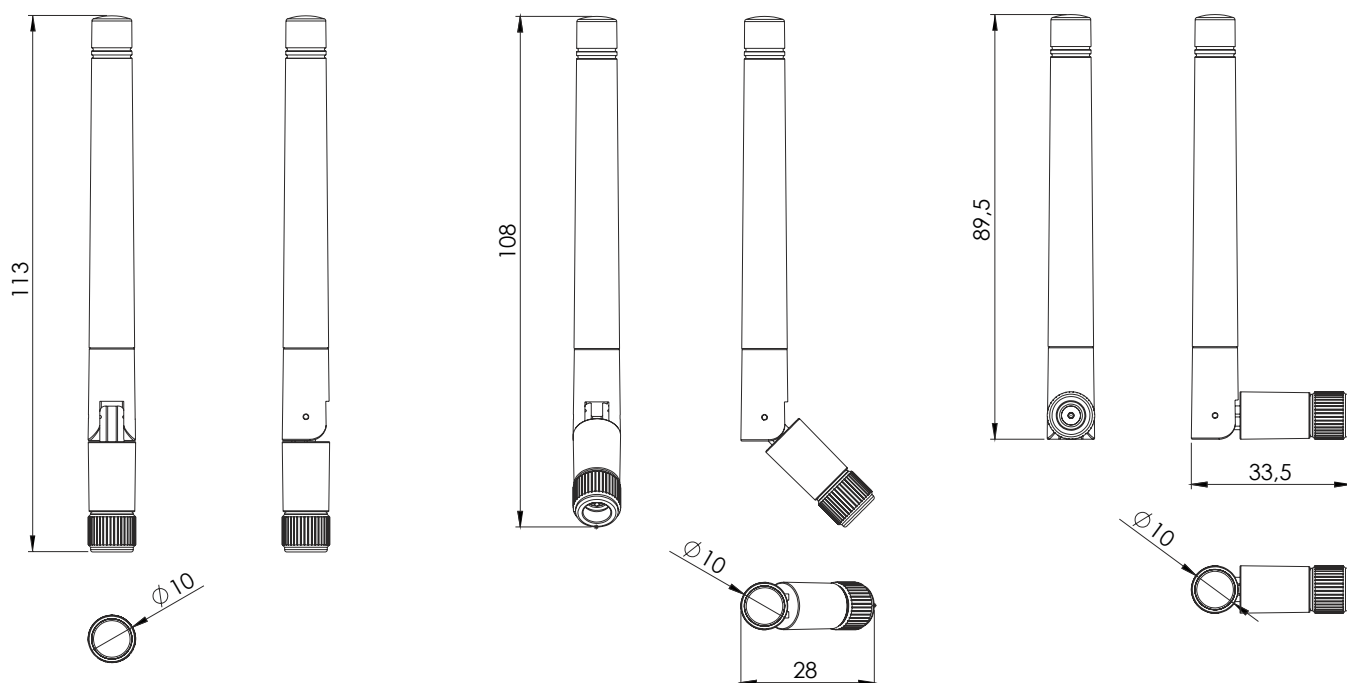


Radiation pattern reference



2450 MHz Radiation pattern

4. Antenna drawings



5. Antenna Images

