

2J0202-2.4-C152

2.4 GHz ISM Connector Mount

Key Features

2.4 GHz ISM

- 2410-2490 MHz

Connector Mount

Ground Plane Dependent

High Gain

Dimensions \varnothing 12.5 × 44.5 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)	~-17.6
VSWR	~1.3:1
Efficiency (%)	~61.1
Peak Gain (dBi)	~2.6
Average Gain (dB)	~-2.1
Impedance (Ohm)	50
Polarisation	Linear
Radiation Pattern	Omni-Directional
Max. Input Power (W)	25
Connector Type	Fakra-Z-Waterblue-Female (Jack)

Antenna Measurement Conditions:

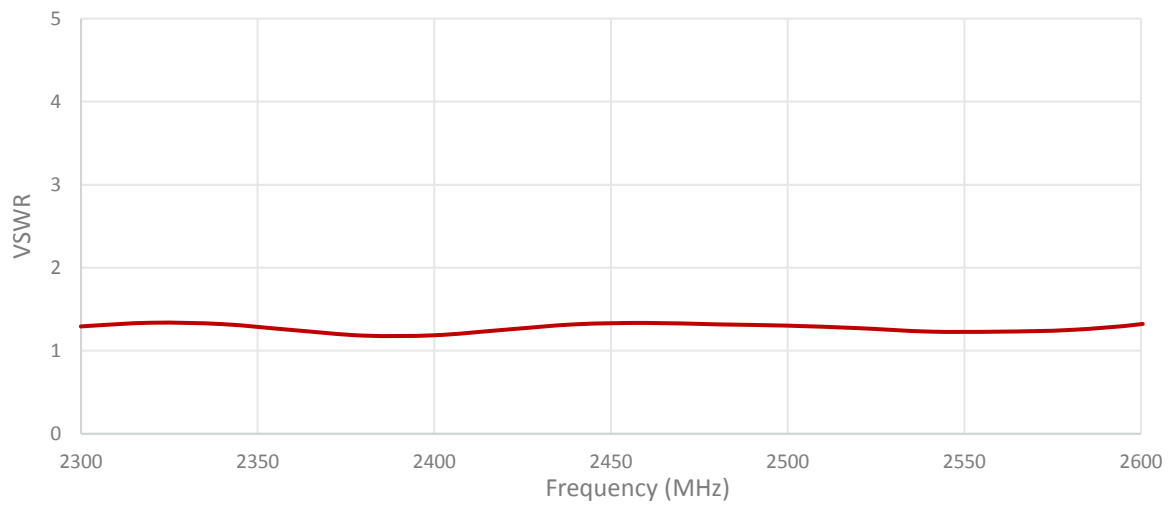
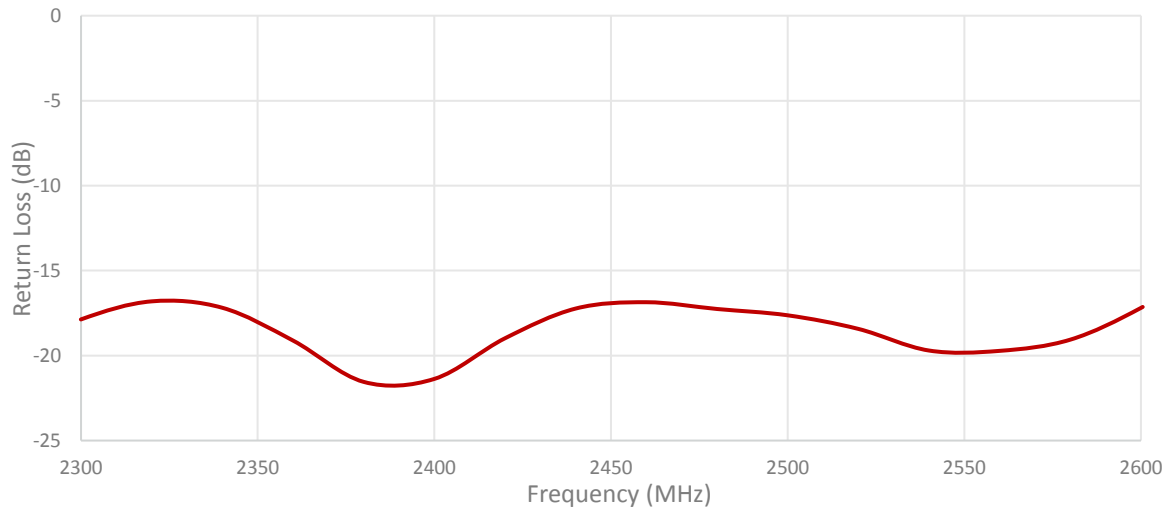
Mounted on ground plane of 80x40mm

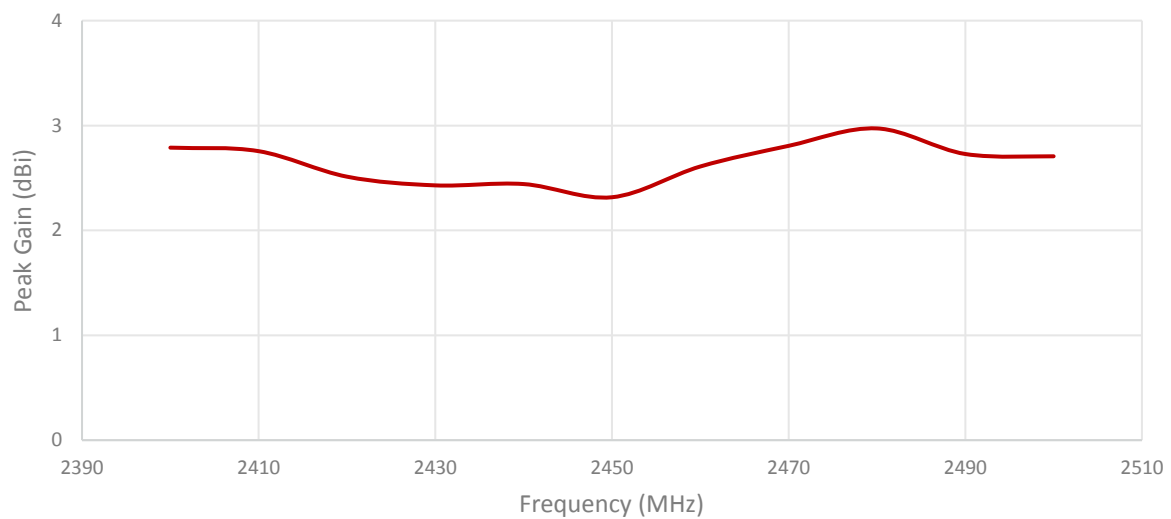
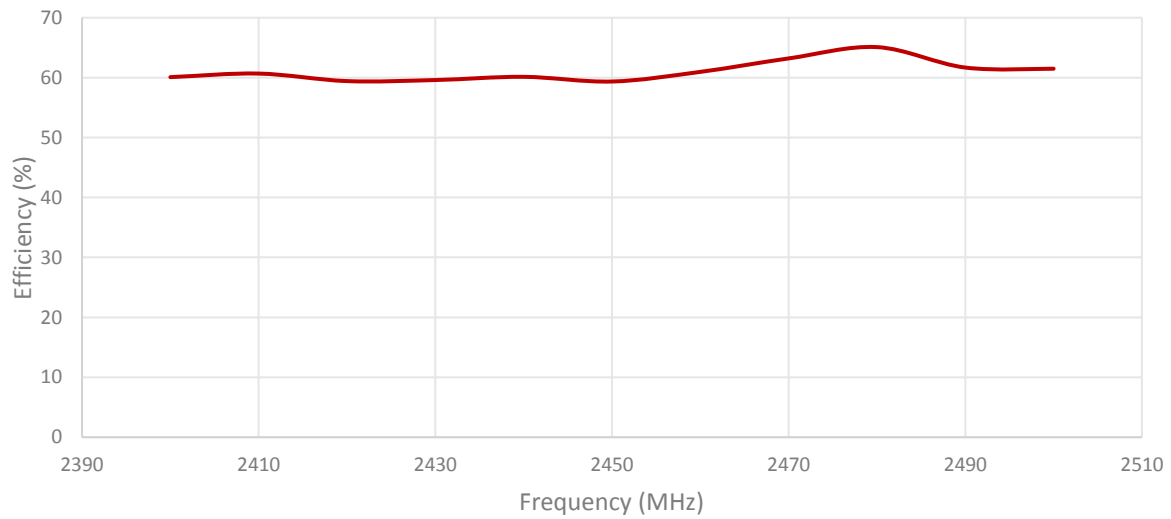
Measured in Certified CTIA 3D Anechoic Chamber

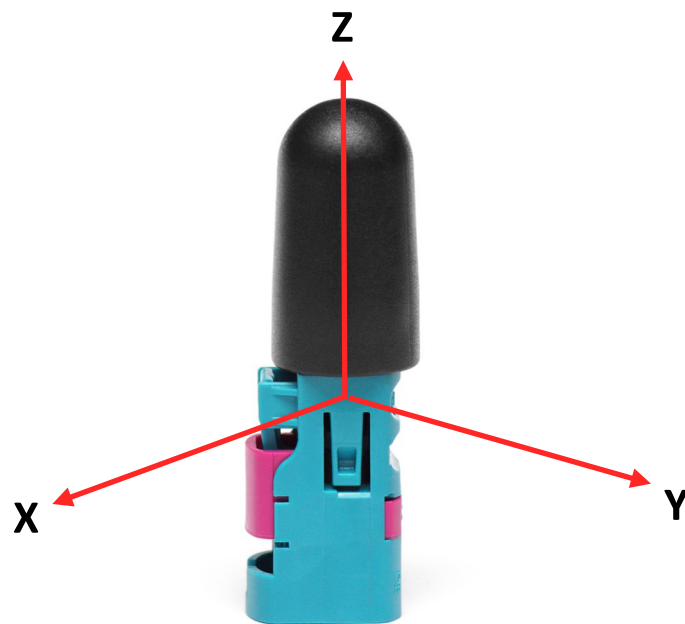
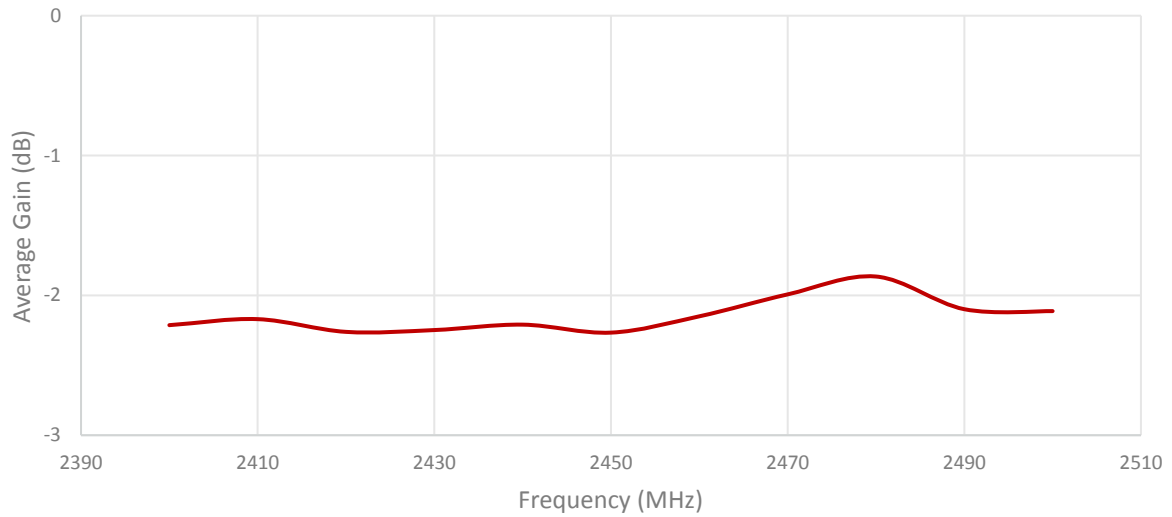
2. Mechanical and environmental specifications

Specifications	2J0202-2.4-C152
Mounting Type	Connector Mount
Dimensions (mm)	Ø 12.5 × 44.5
Radome Type	ASA
Radome color	Black
Operating Temperature (C)	-40 to +85
Storage Temperature (C)	-40 to +85
Substance Compliance	RoHS

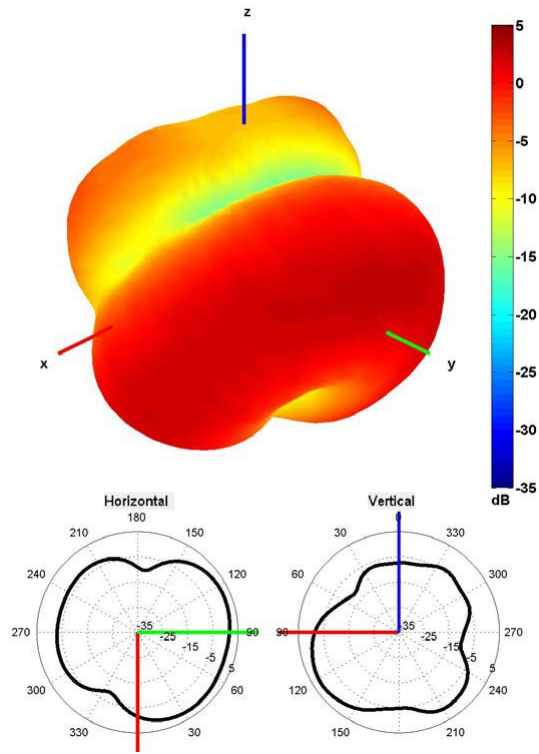
3. Antenna parameters





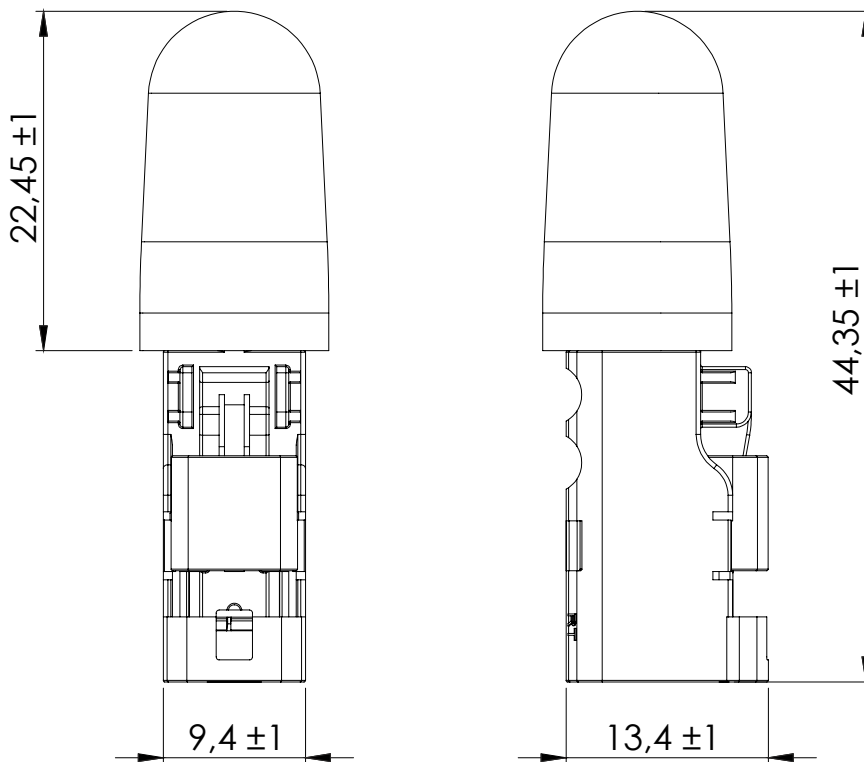
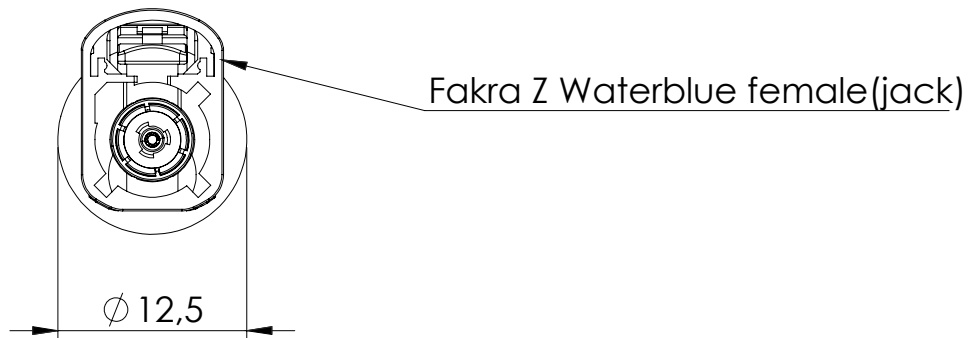


Radiation pattern reference



2450 MHz Radiation pattern

4. Antenna drawings



5. Antenna Images

