

2J0202-C638

2.4/5.0 GHz ISM Connector Mount

Key Features

2.4/5.0 GHz ISM

- 2410-2490 MHz

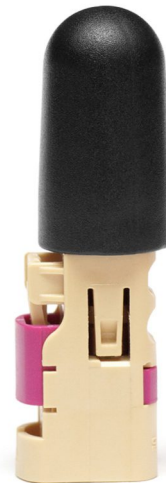
- 4920-5925 MHz

Connector Mount

Ground Plane Dependent

High Gain

Dimensions $\varnothing 12.5 \times 44.5$ mm



1. Antenna and electrical specifications

Parameters	2.4/5.0 GHz ISM Antenna	
Standards	WiFi, BT, ZigBee, ISM	
Band (MHz)	2.4 GHz	5.0 GHz
Frequency (MHz)	2410-2490	4920-5925
Return Loss (dB)	~-17.6	~-5.4
VSWR	~1.3:1	~3.8:1
Efficiency (%)	~61.1	~25.7
Peak Gain (dBi)	~-2.6	~-0.3
Average Gain (dB)	~-2.1	~-6.2
Impedance (Ohm)	50	
Polarisation	Linear	
Radiation Pattern	Omni-Directional	
Max. Input Power (W)	25	
Connector Type	Fakra-I-Beige-Female (Jack)	

Antenna Measurement Conditions:

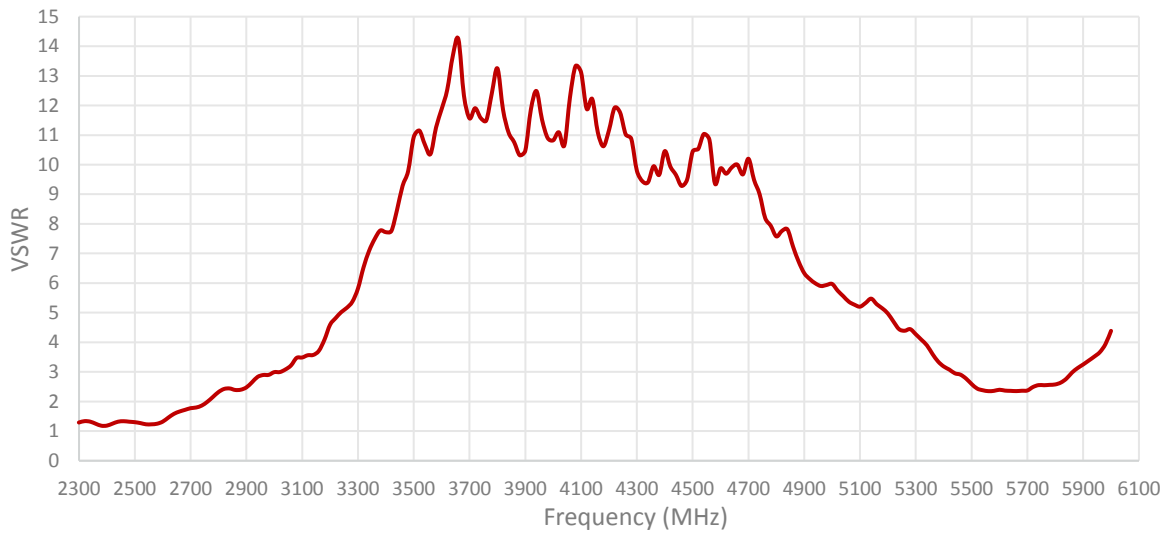
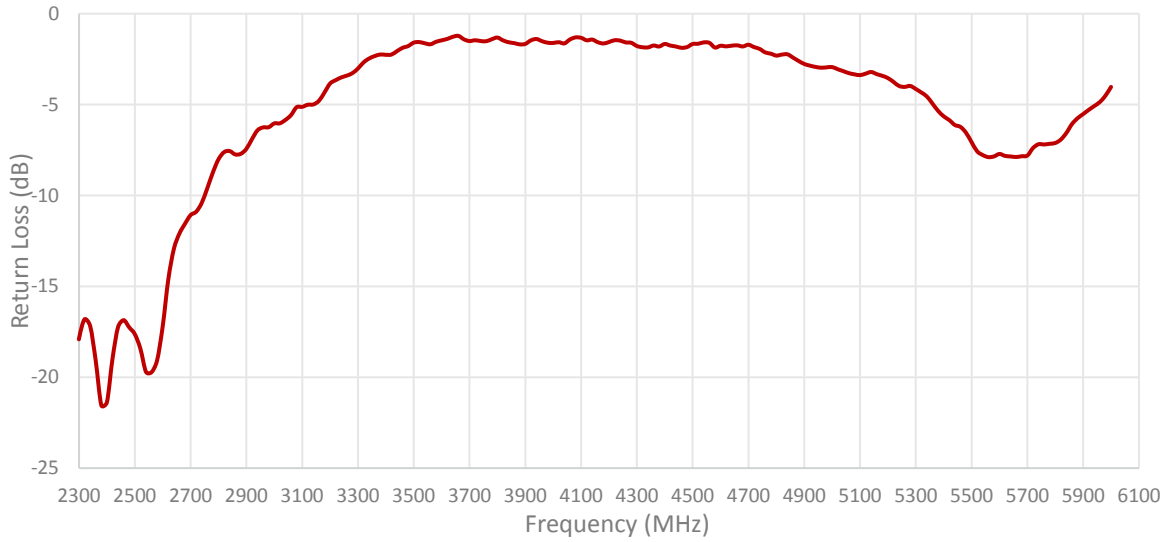
Mounted on ground plane of 80x40mm

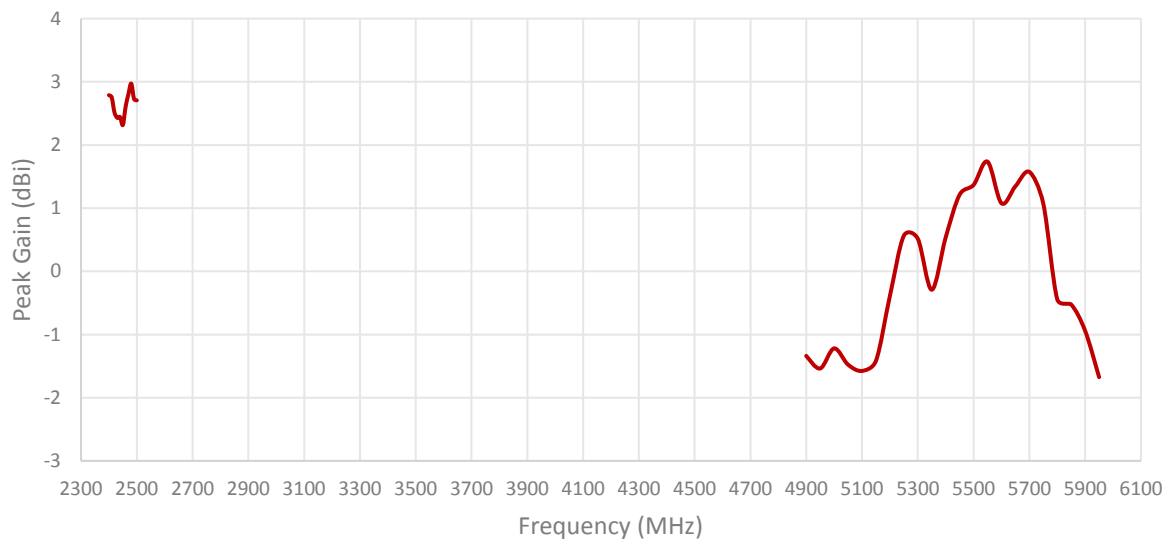
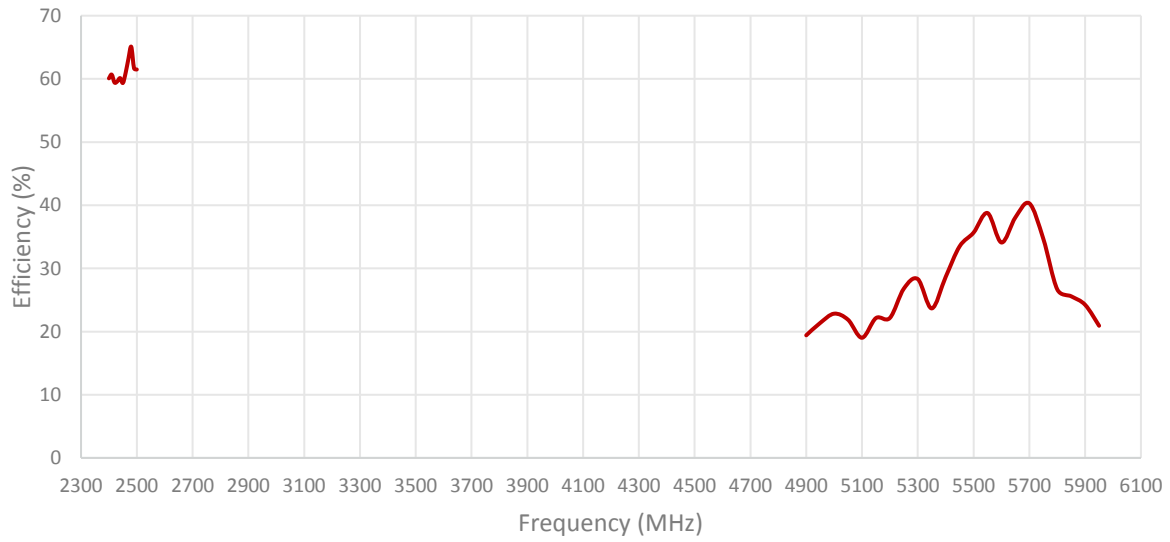
Measured in Certified CTIA 3D Anechoic Chamber

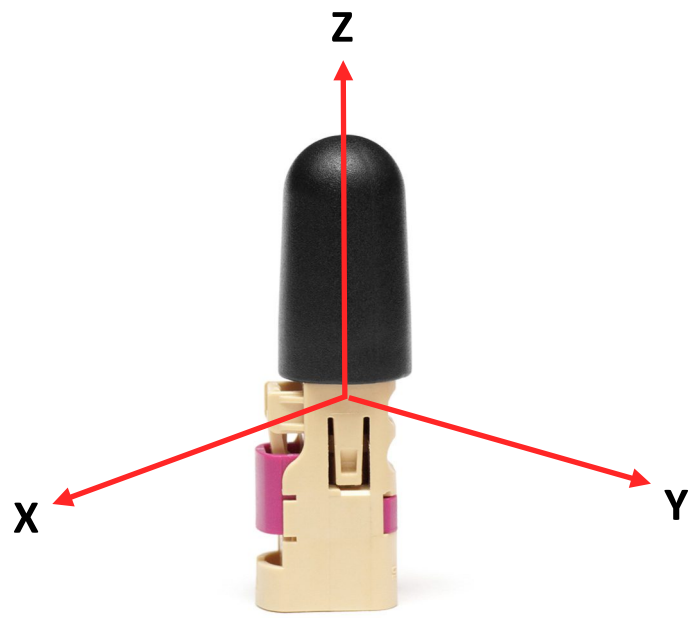
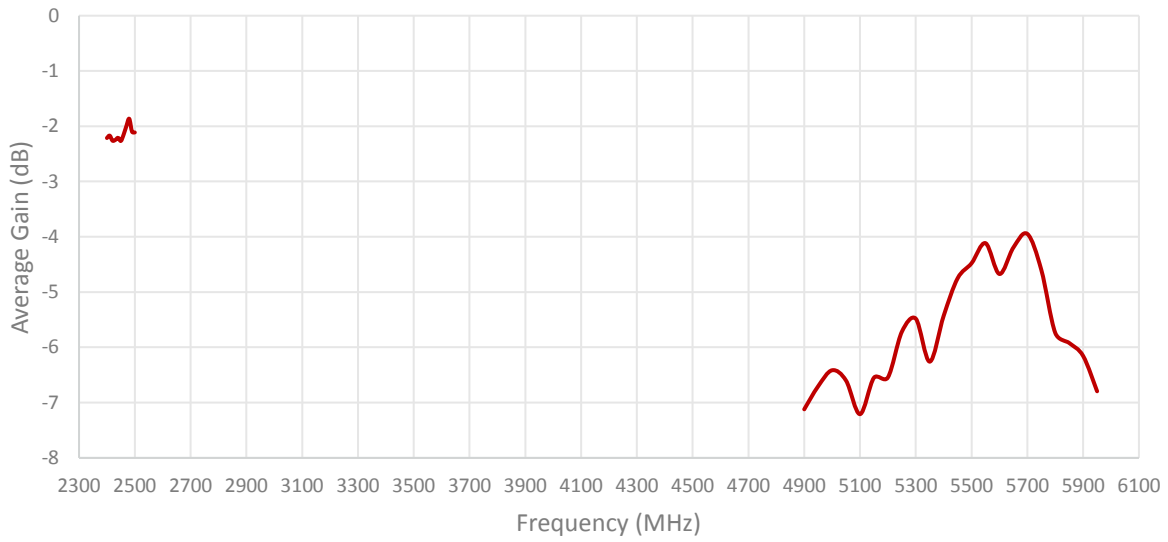
2. Mechanical and environmental specifications

Specifications	2J0202-C638
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

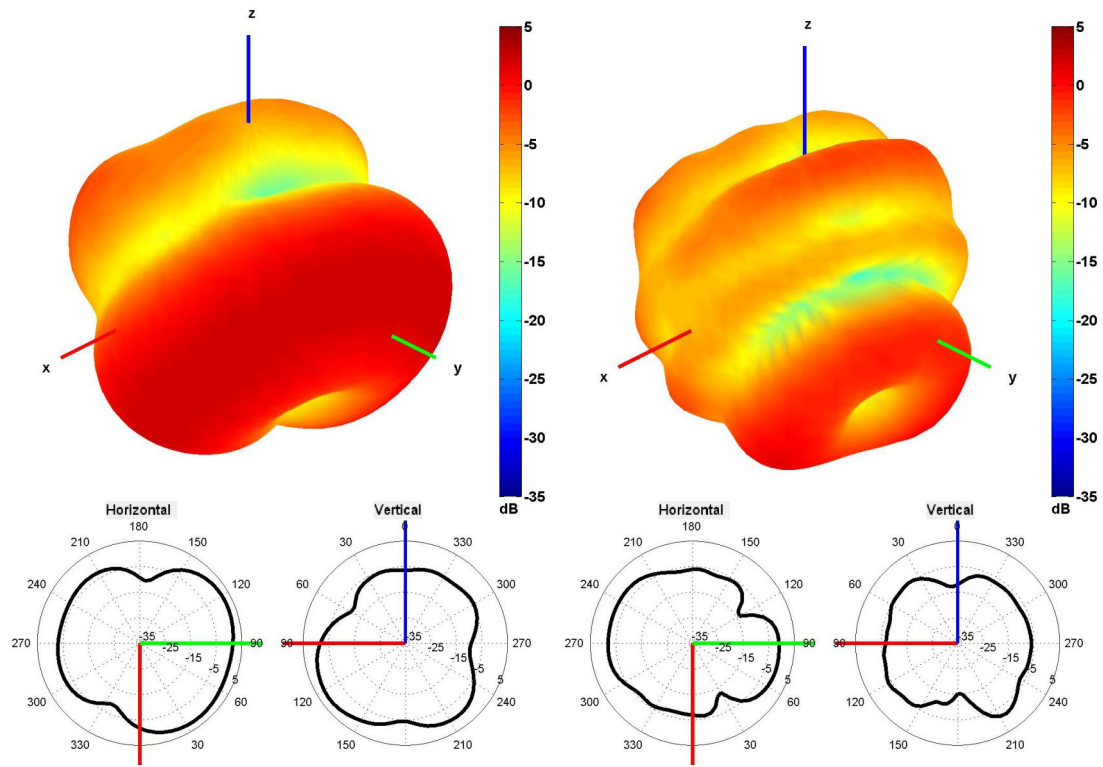
3. Antenna parameters





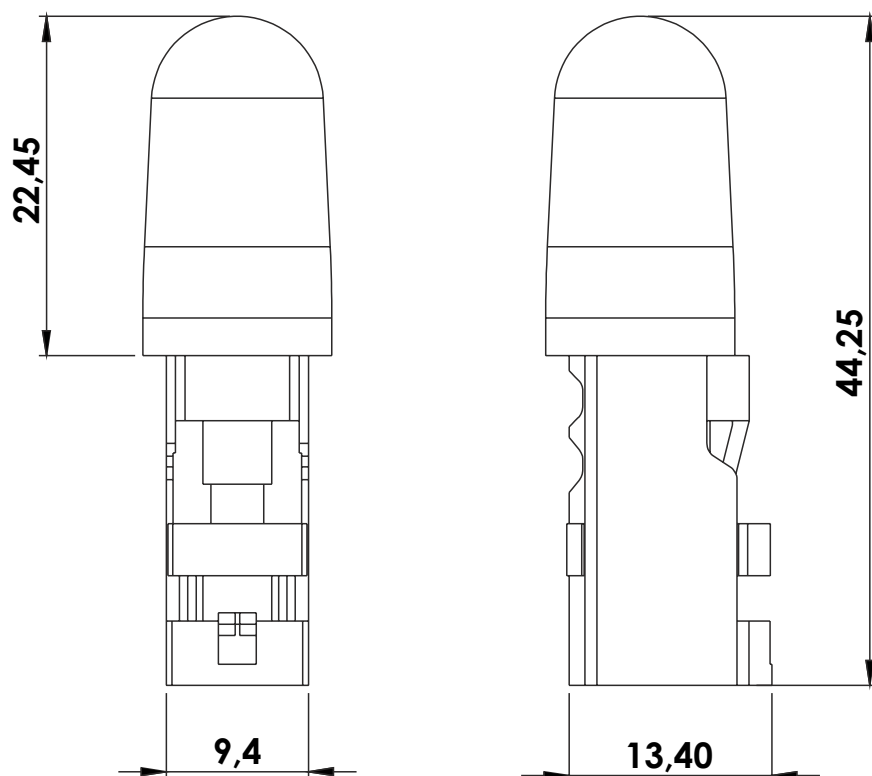
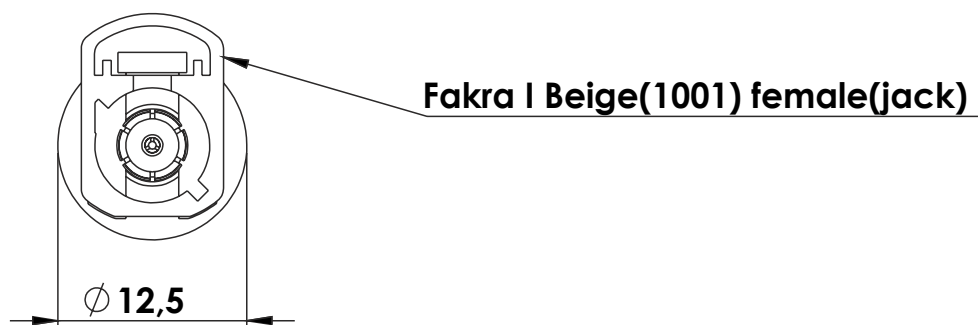


Radiation pattern reference



2450 and 5500 MHz Radiation pattern

4. Antenna drawings



5. Antenna Images

