

2J0A02-C367G

2.4/5.0 GHz ISM Connector Mount

Key Features

2.4/5.0 GHz ISM

- 2410-2490 MHz

- 4920-5925 MHz

Connector Mount

High Efficiency

Low Profile

Ground Plane Dependent

Dimensions 41.3 × 18.4 × 9.0 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)	~-7.5	~-7.5
VSWR	~2.5:1	~2.9:1
Efficiency (%)	~53.9	~40.3
Peak Gain (dBi)	~1.5	~1.0
Average Gain (dB)	~-2.7	~-4.0
Impedance (Ohm)	50	
Polarisation	Linear	
Radiation Pattern	Omni-Directional	
Max. Input Power (W)	25	
Connector Type	RP SMA-Male Standard (Right-Angle)	

Antenna Measurement Conditions:

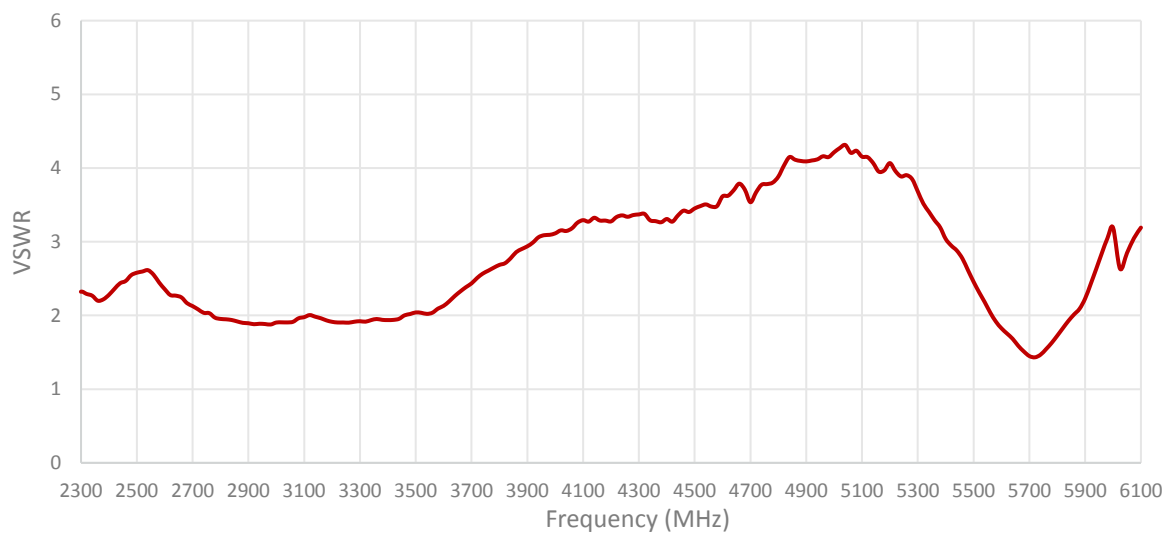
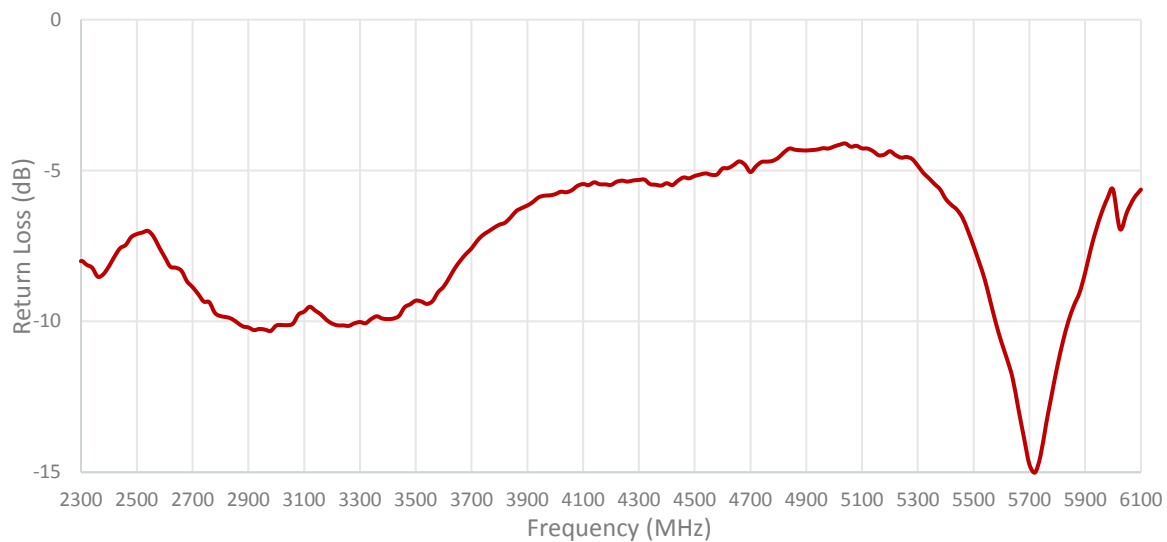
Mounted on 70x35 mm Ground Plane

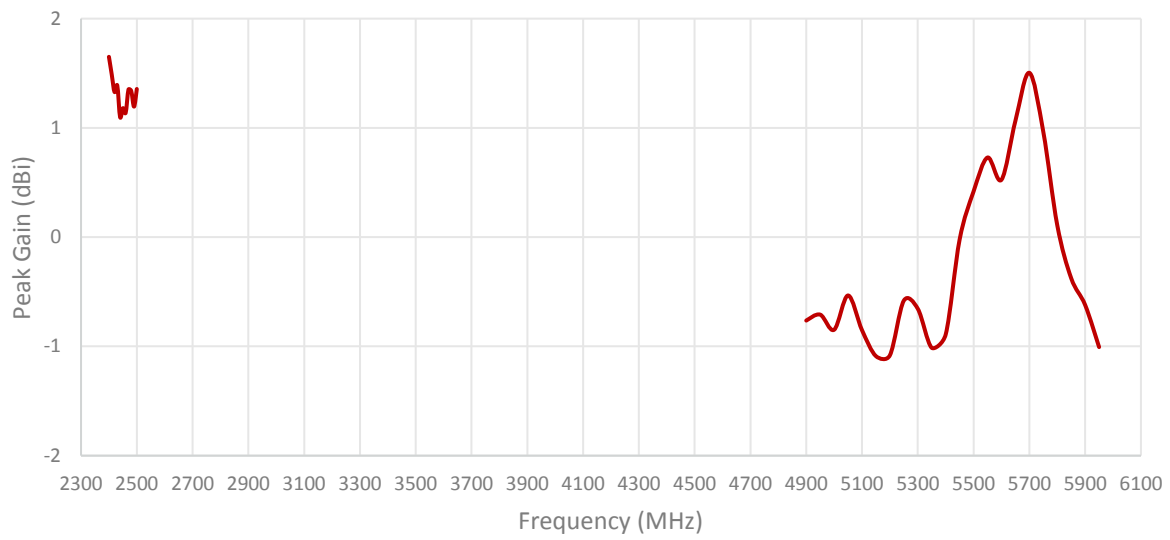
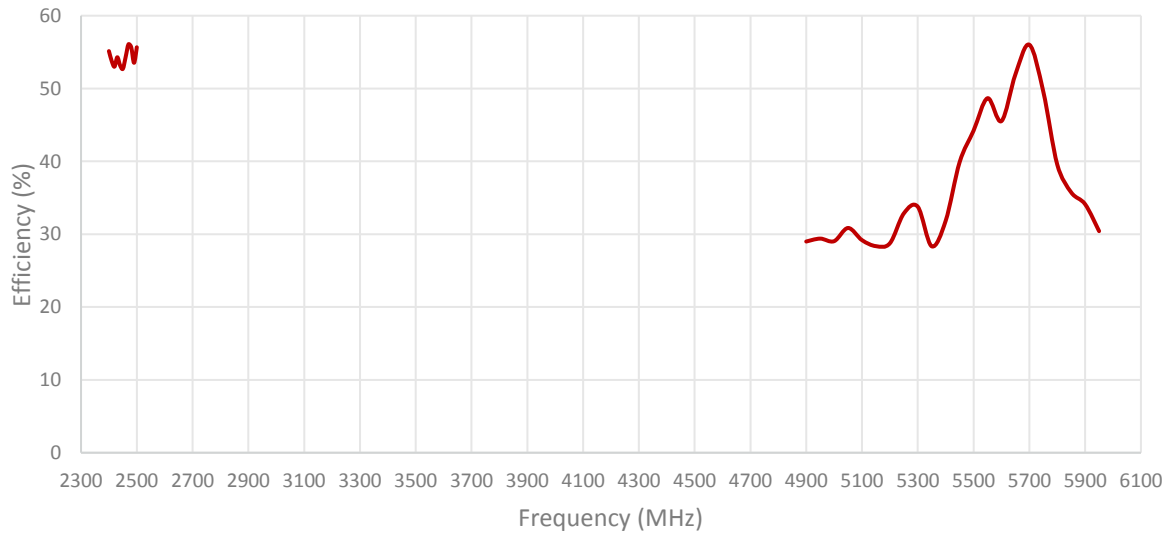
Measured in Certified CTIA 3D Anechoic Chamber

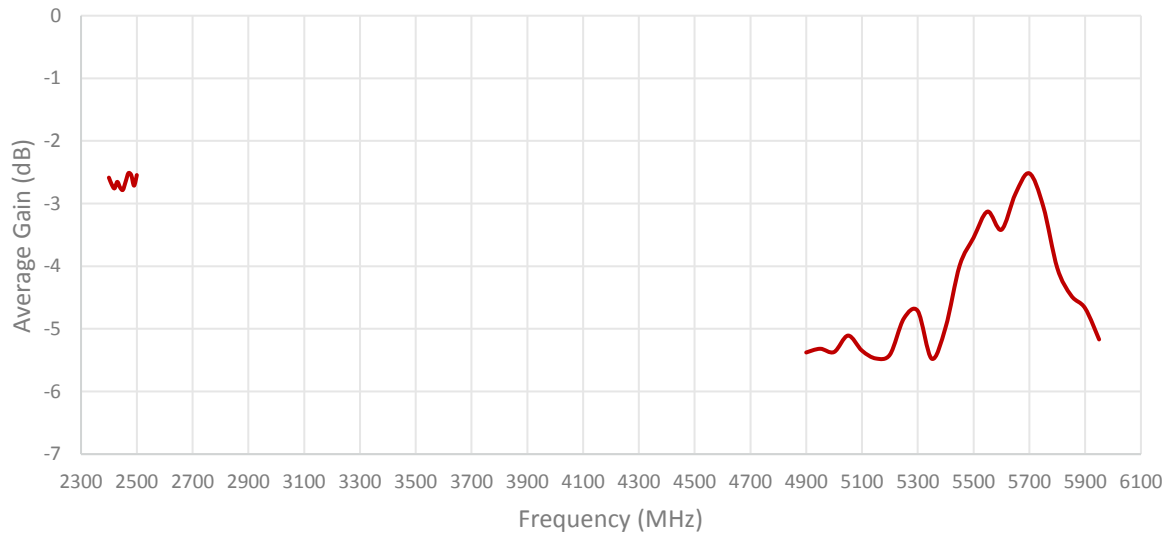
2. Mechanical and environmental specifications

Specifications	2J0A02-C367G
Mounting Type	Connector Mount
Dimensions (mm)	41.3 × 18.4 × 9.0
Radome	ASA UV Stable
Radome color	Black
Operating Temperature (C)	-40 to +85
Storage Temperature (C)	-40 to +85
Substance Compliance	RoHS

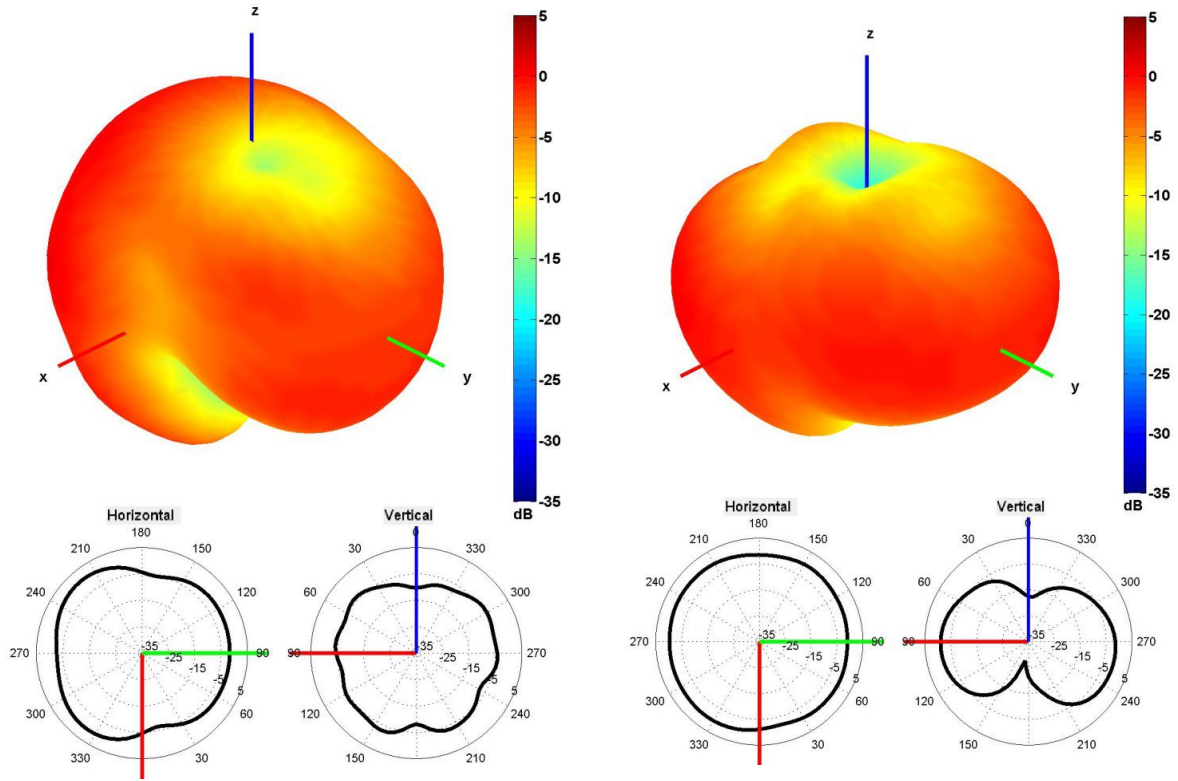
3. Antenna parameters





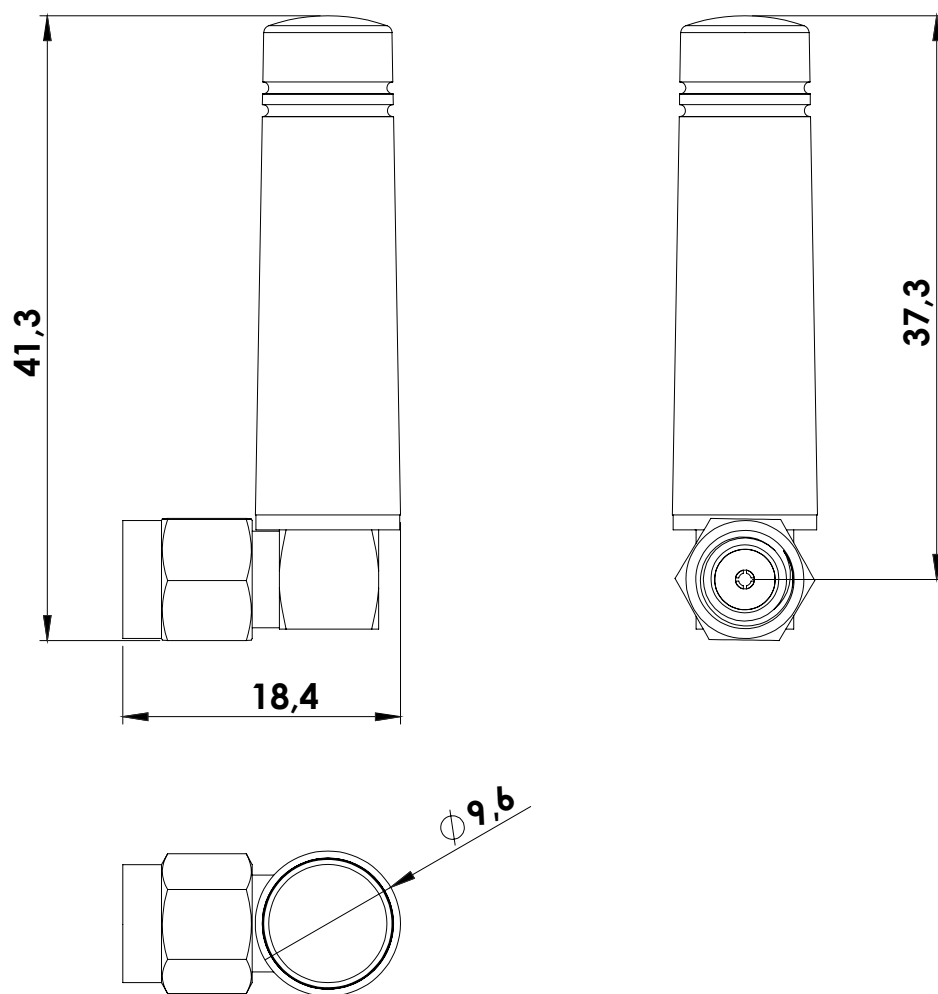


Radiation pattern reference



2450 and 5500 MHz Radiation pattern

4. Antenna drawings



5. Antenna Images

