

AMC-ANT-2J0A02-C367G

2.4/5.0GHz connector mount antenna

Features

- 2.4/5.0GHz ISM
 - 2410 – 2490MHz
 - 4920 – 5925MHz
- High efficiency
- Low profile
- Ground plane dependent
- Dimensions – 41.3 x 18.4 x 9.0mm



1. Antenna and electrical specifications

Parameters	2.4/5.0GHz ISM antenna	
Standards	Wi-Fi, Bluetooth, ZigBee, ISM	
Band (MHz)	2.4GHz	5.0GHz
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 (Ohms)	50	
Polarization	Linear	
Radiation Pattern	Omni-Directional	
Max. Input Power (W)	25	
Connector type	Right-angle RP-SMA male standard	

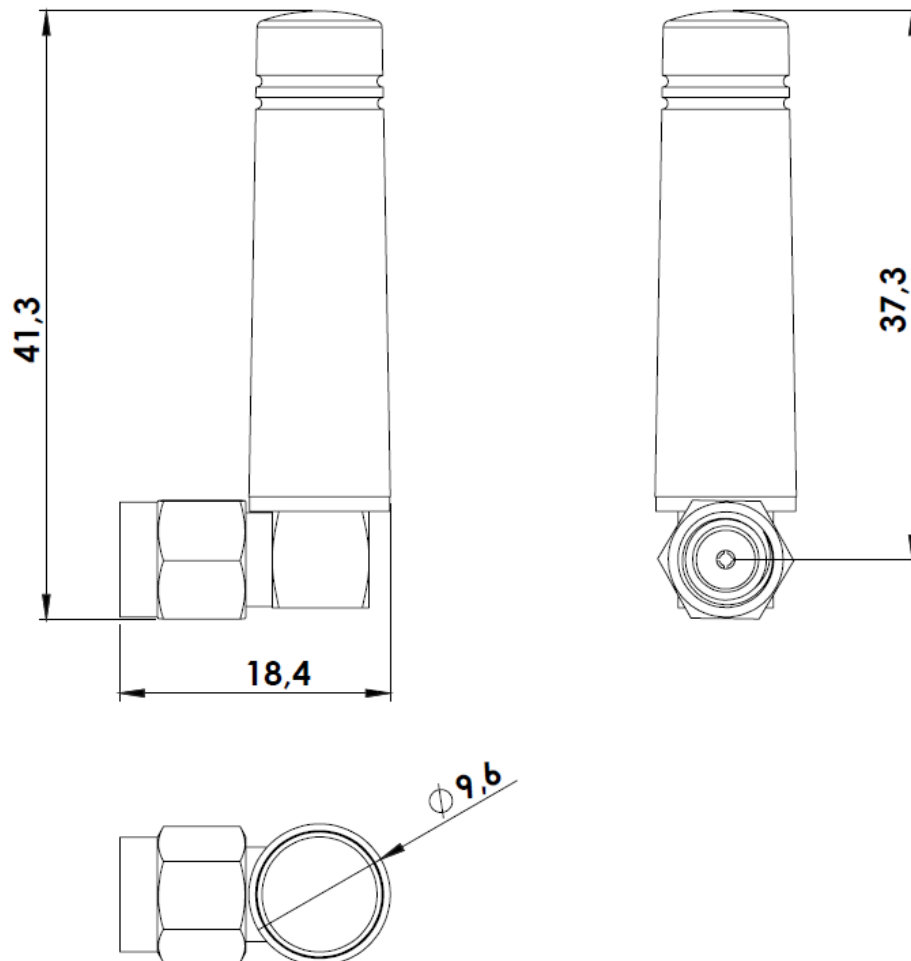
Measurement Conditions:

- Mounted on 70 x 35mm ground plane
- Measured in certified CTIA 3D anechoic chamber

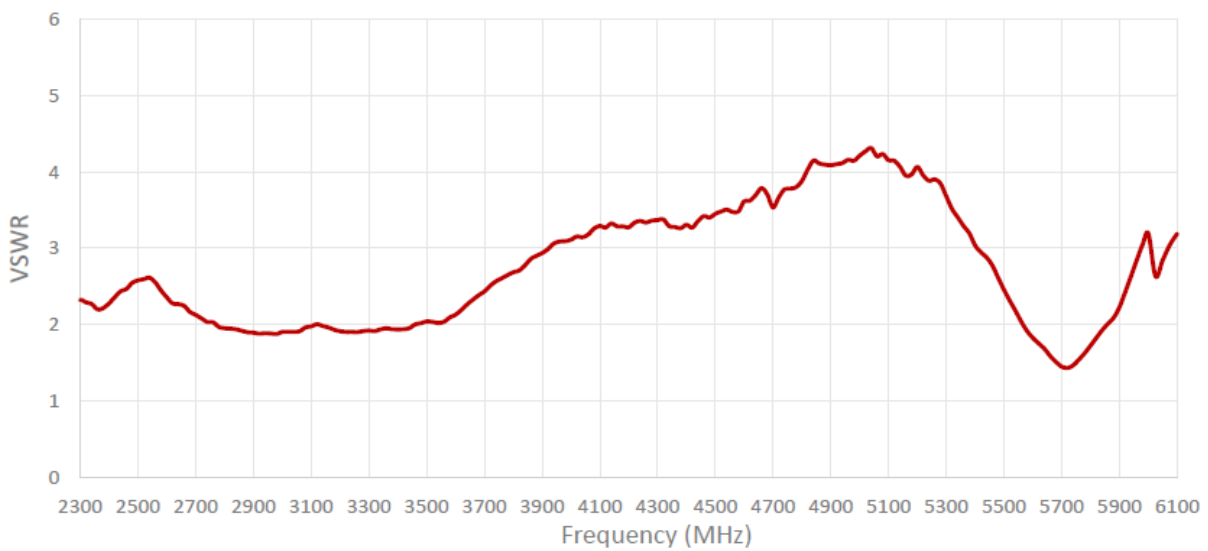
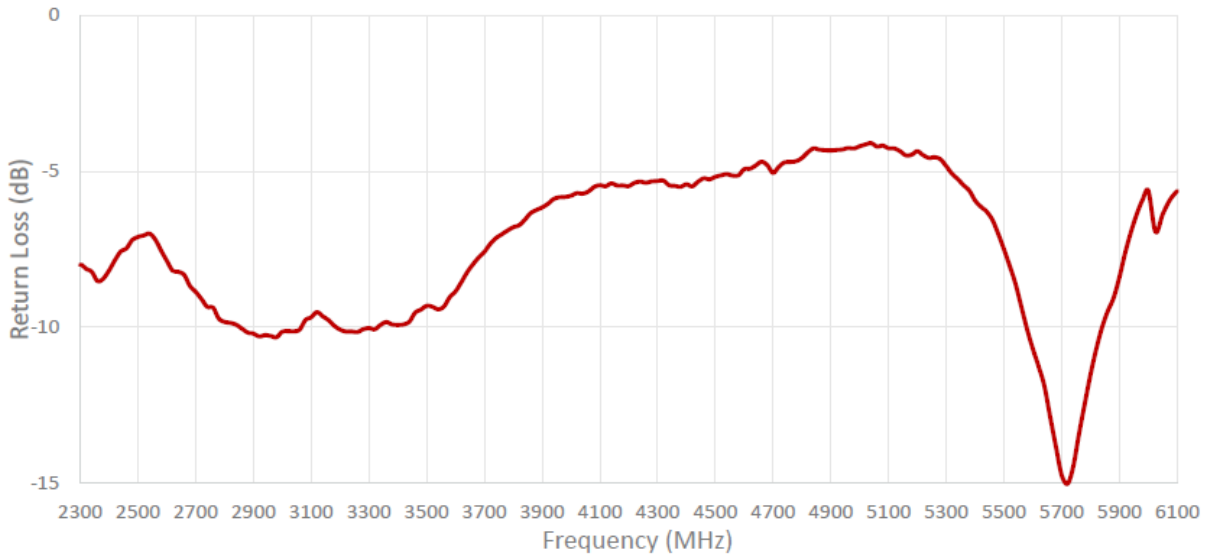


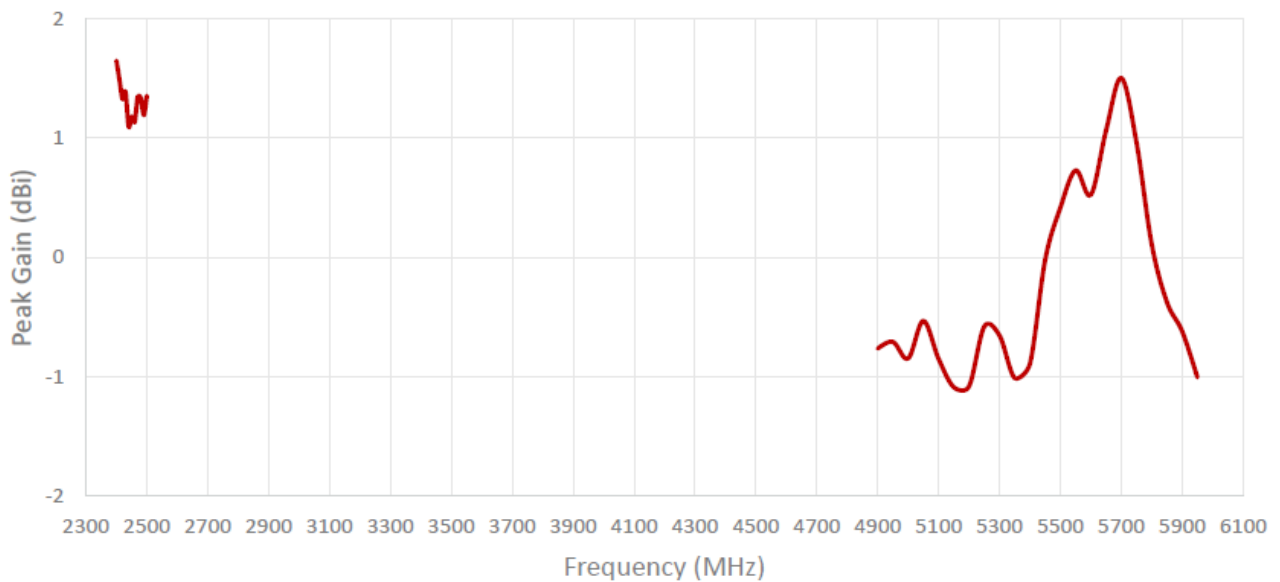
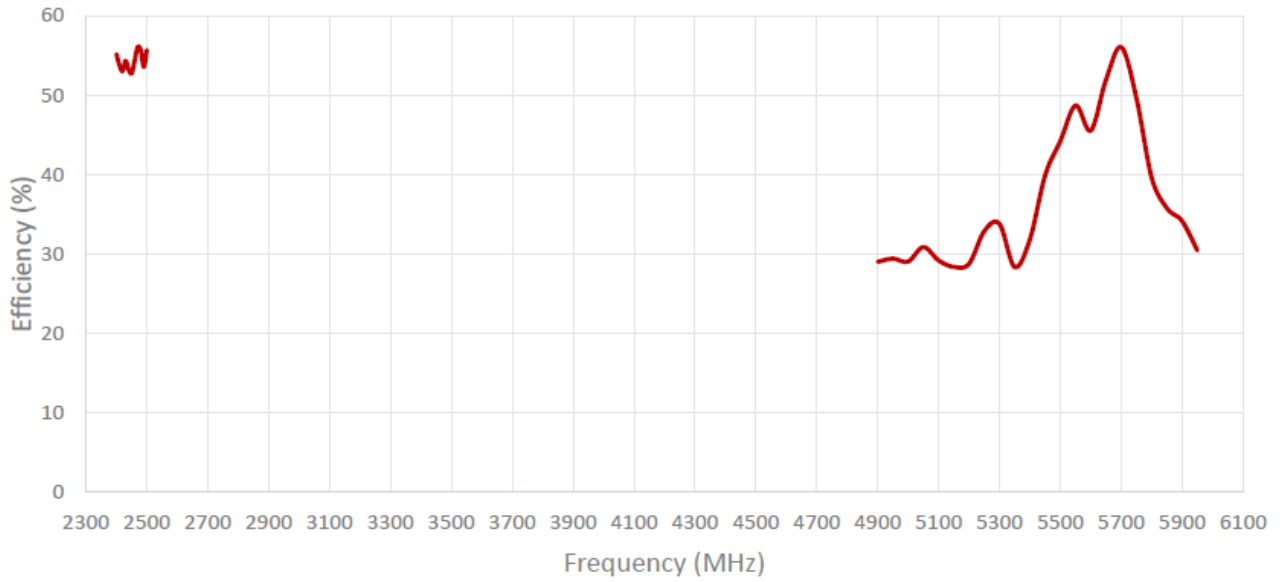
2. Mechanical and environmental specifications

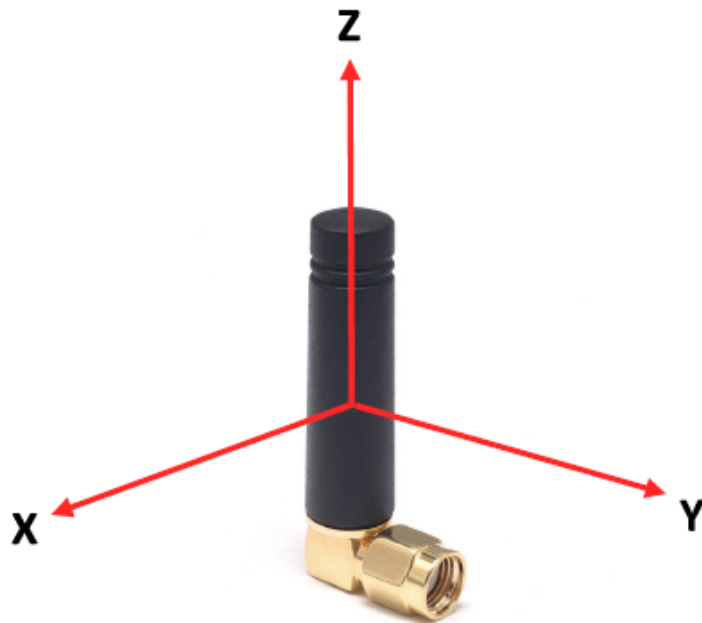
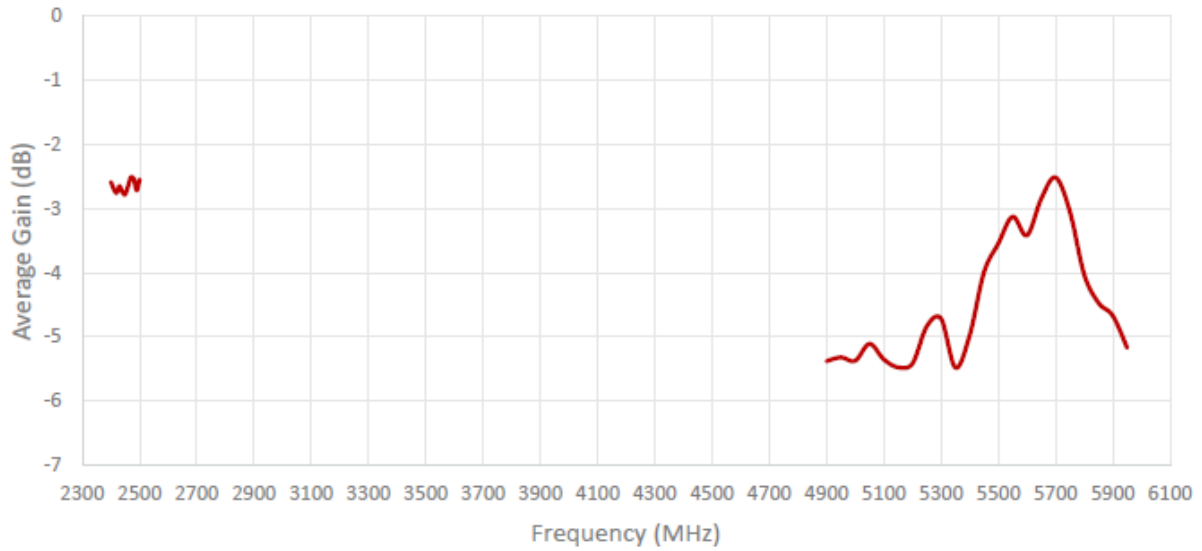
Mounting type	Connector mount
Dimensions (mm)	41.3 x 18.4 x 9.0
Radome	ASA UV stable
Radome colour	Black
Operating temperature (°C)	-40 to +85
Storage temperature (°C)	-40 to +85
Substance compliance	RoHS



3. Antenna parameters

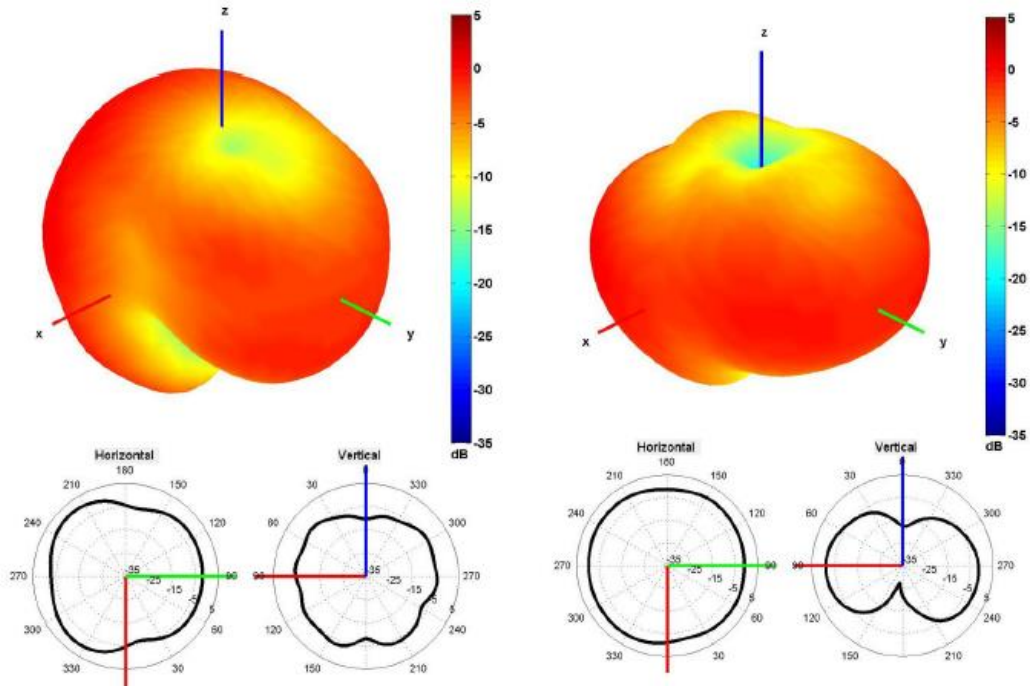






Radiation pattern reference





2450 and 5500 MHz Radiation pattern

