

AMC-ANT-2J0202-C638

2.4/5.0GHz ISM connector mount antenna

Features

- 2.4/5.0GHz ISM
 - 2410 – 2490MHz
 - 4920 – 5925MHz
- Ground plane dependent
- High gain
- Connector mount
- Dimensions: \varnothing 12.5 x 44.5mm



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)	~-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 (Ohms)	50	
Polarization	Linear	
Radiation Pattern	Omni-Directional	
Max. Input Power (W)	25	
Connector type	Fakra I female (jack), Beige	

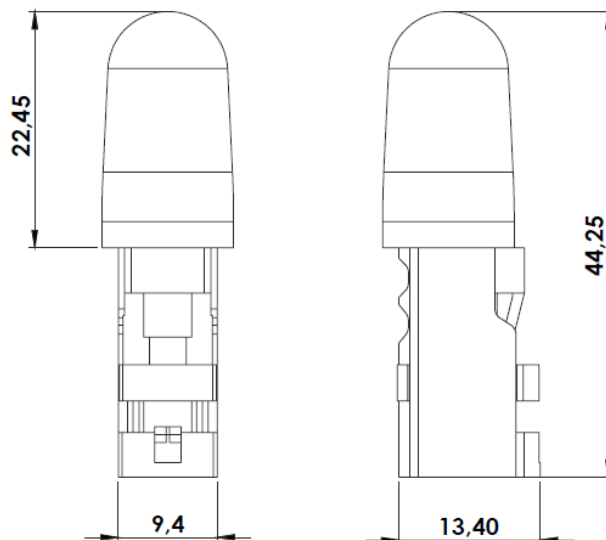
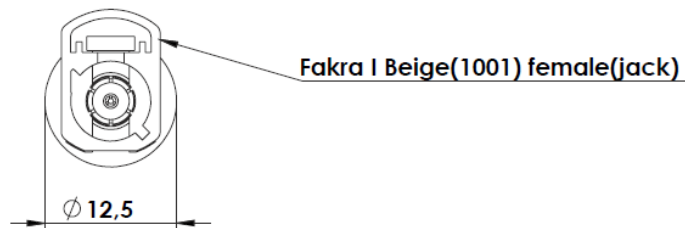
Measurement Conditions:

- Mounted on ground plane of 80 x 40mm
- Measured in certified CTIA 3D anechoic chamber

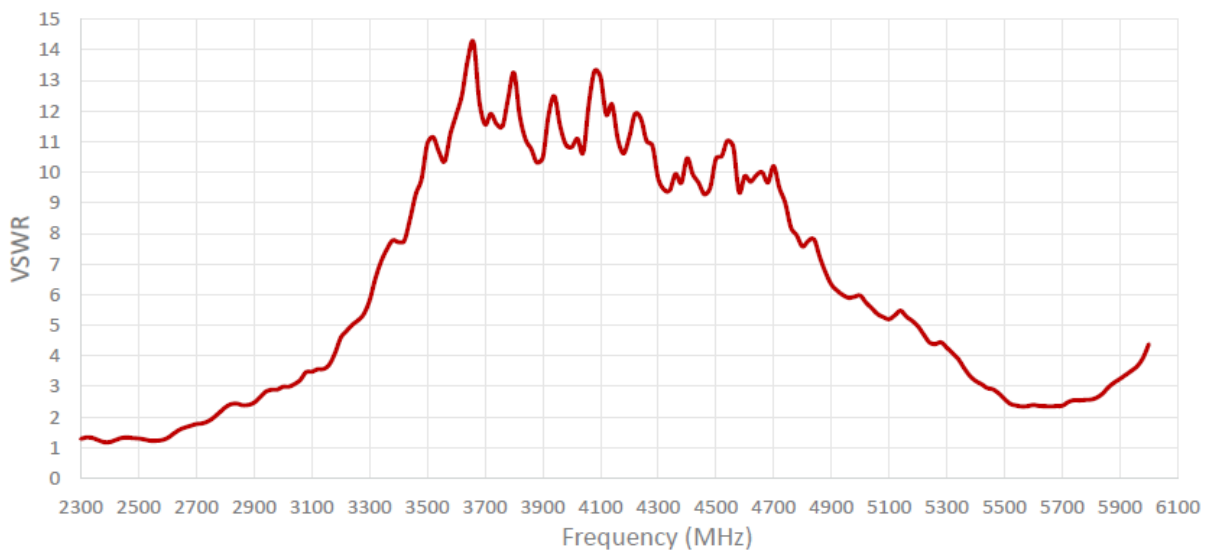
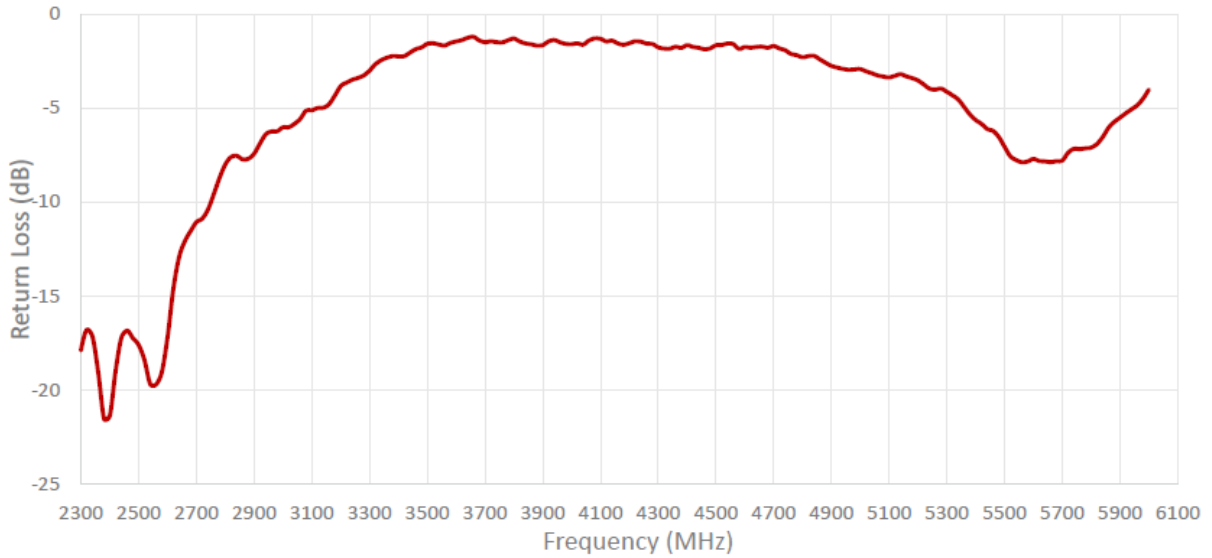


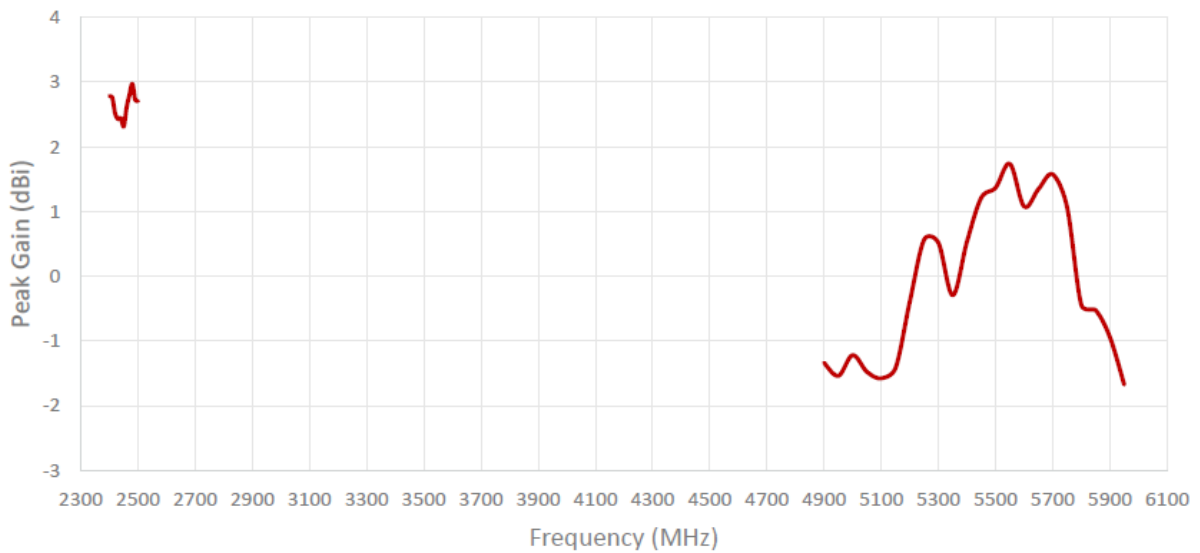
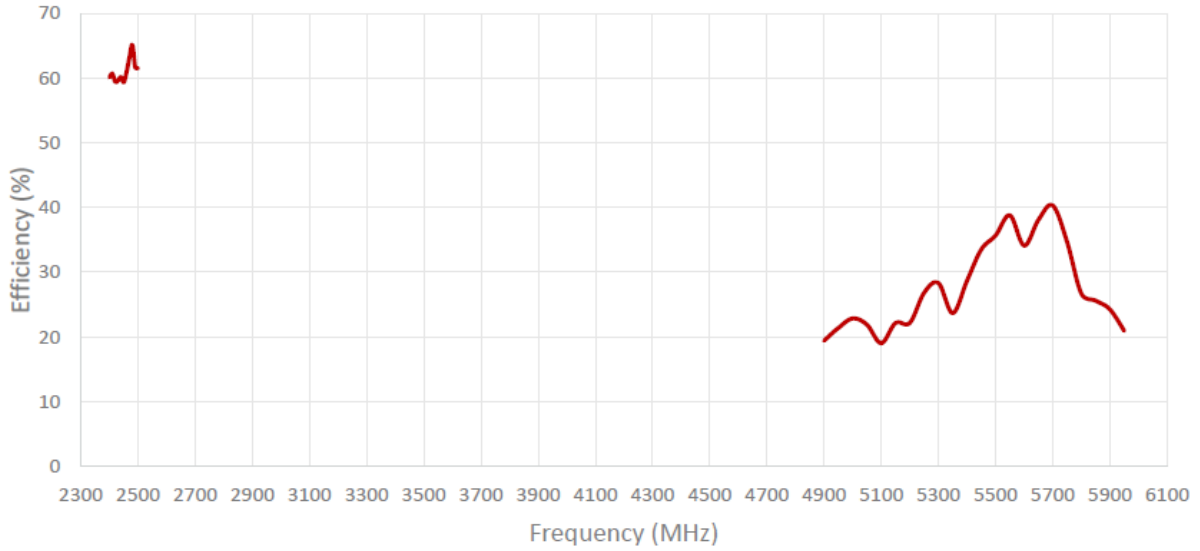
2. Mechanical and environmental specifications

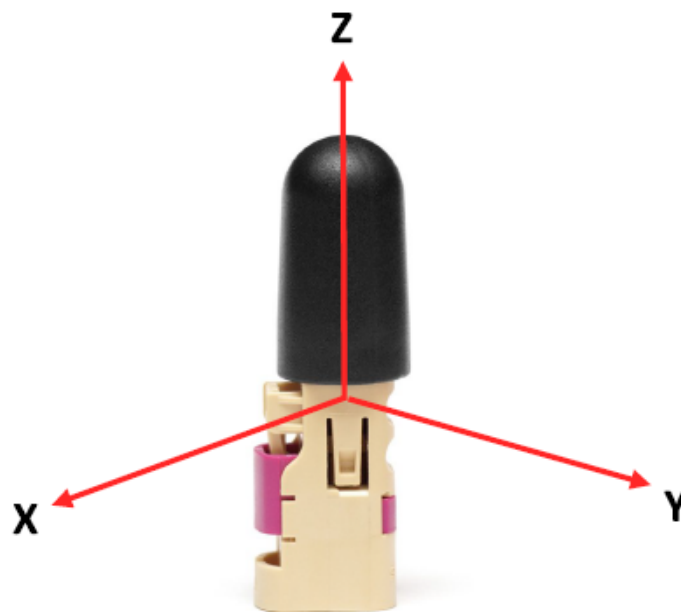
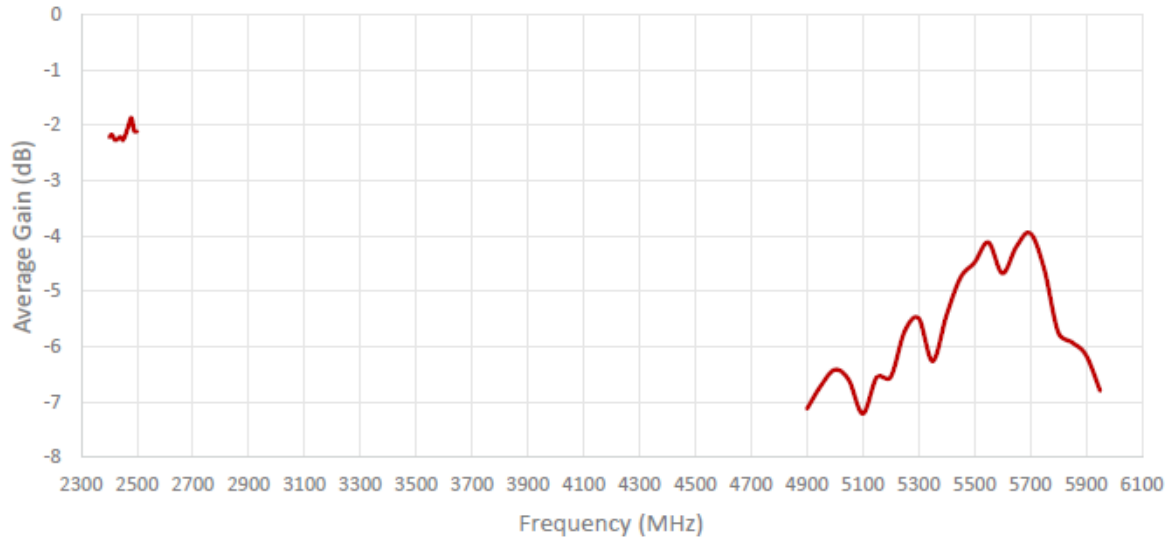
Mounting type	Connector mount
Dimensions (mm)	Ø 12.5 x 44.5
Radome Type	ASA
Radome colour	Black
Operating temperature (°C)	-40 to +85
Storage temperature (°C)	-40 to +85
Substance compliance	RoHS



3. Antenna parameters

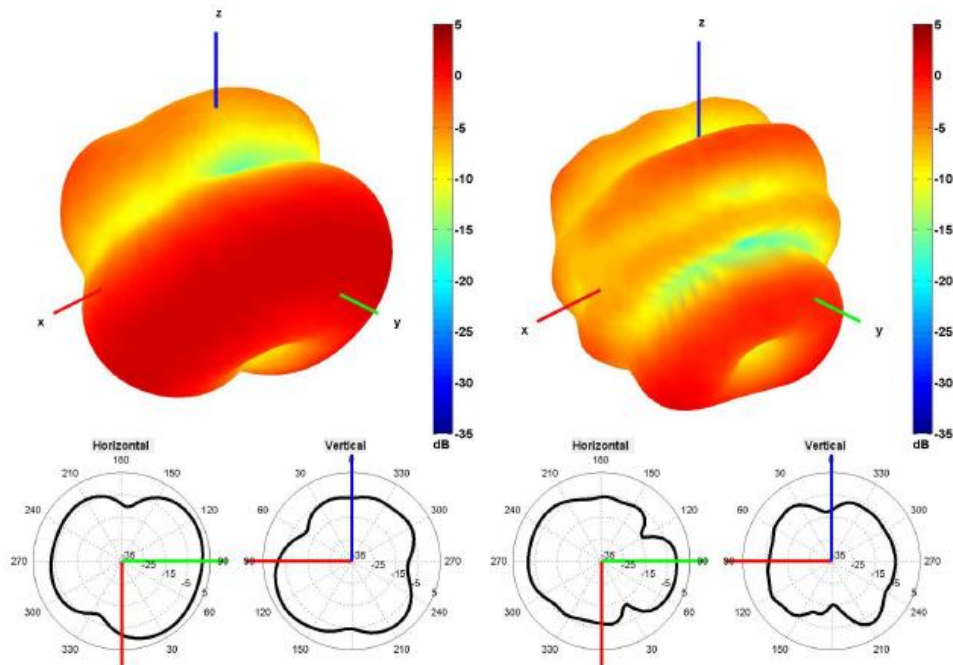






Radiation pattern reference





2450 and 5500 MHz Radiation pattern

