

AMC-ANT-2J0B15-915-C885G

915MHz ISM connector mount antenna

Features

- 915MHz ISM
 - 902 - 928MHz
- Connector mount
- Low profile
- Ground plane dependent
- Dimensions: 48 x Ø 9mm



1. Antenna and electrical specifications

Parameters	915MHz ISM antenna
Standards	ZigBee, ISM, Sigfox, LoRa
Band (MHz)	915
Frequency (MHz)	902 - 928
Return Loss (dB)	~-8.0
VSWR	~2.4:1
Efficiency (%)	~75.2
Peak Gain (dBi)	~3.3
Average Gain (dB)	~-1.2
Impedance (Ohms)	50
Polarisation	Linear
Radiation Pattern	Omni-directional
Max. Input Power (W)	25
Connector Type	SMA male standard

Antenna measurement conditions:

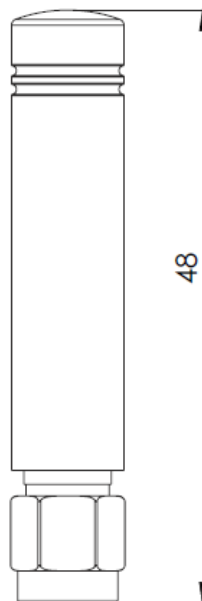
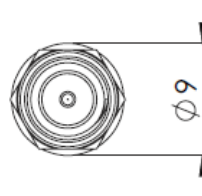
- Mounted on ground plane of 95 x 40mm
- Measured in certified CTIA 3D anechoic chamber



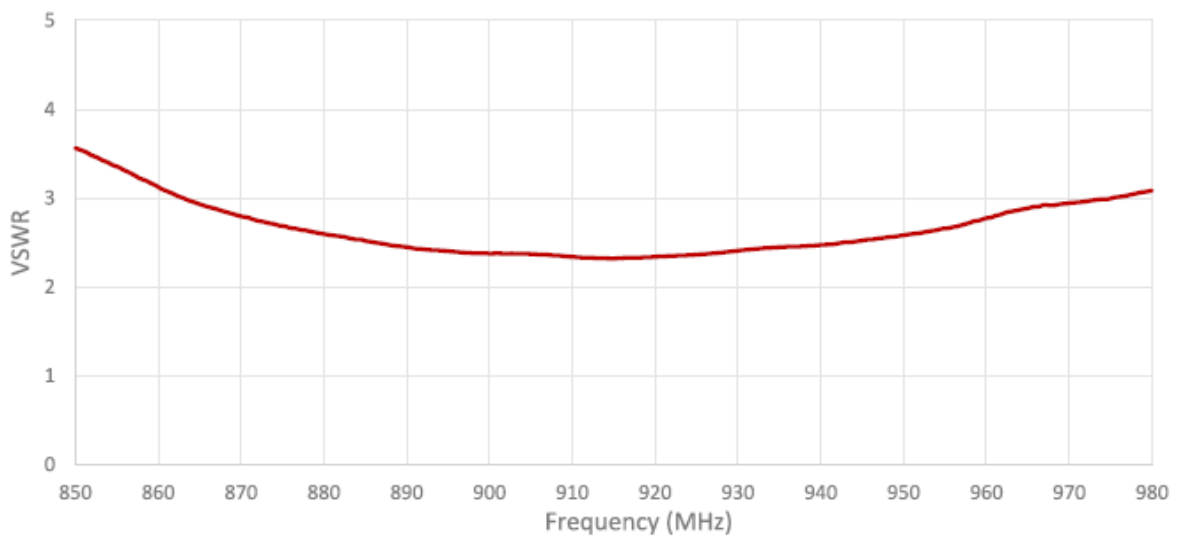
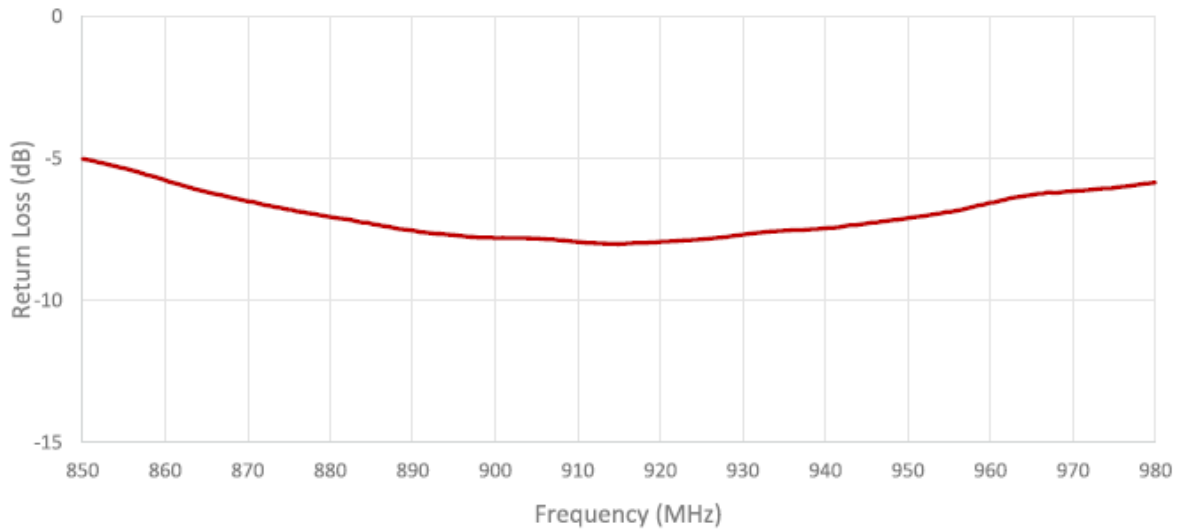
2. Mechanical and environmental specifications

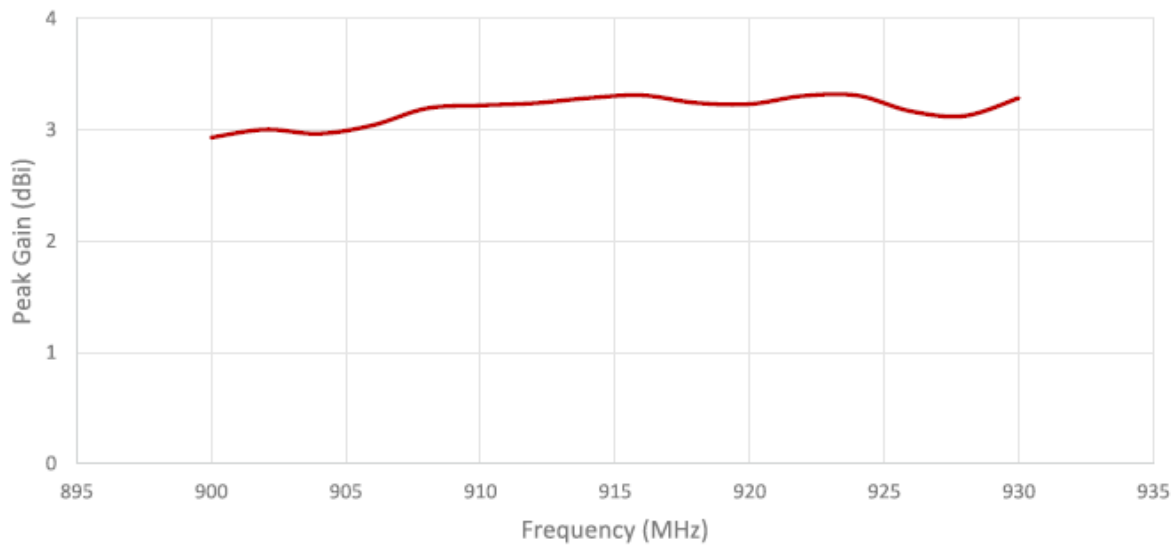
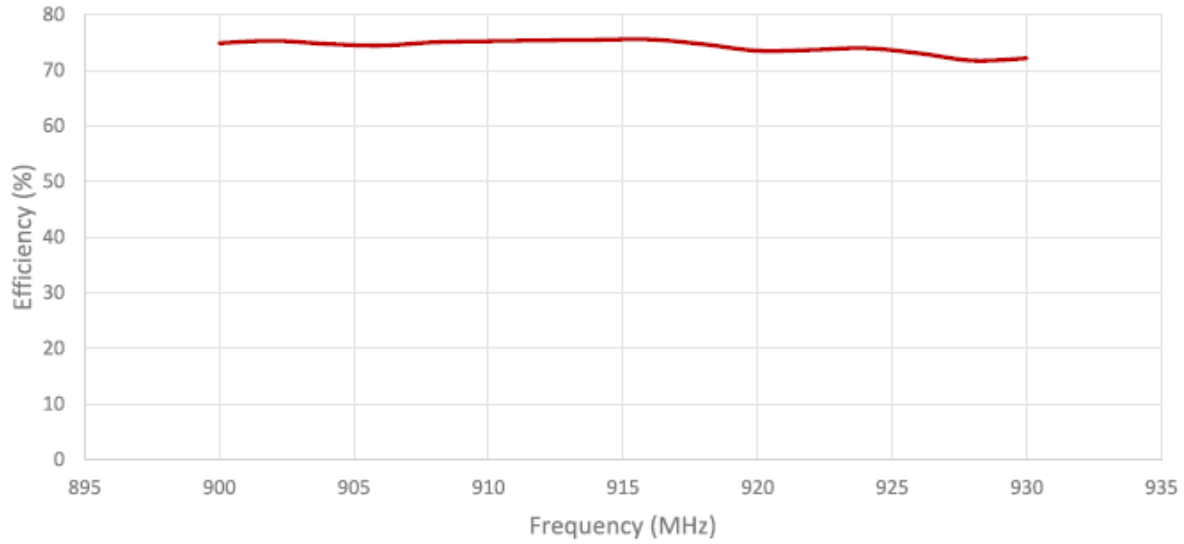
Mounting Type	Connector mount
Dimensions (mm)	48 x \varnothing 9
Radome	TPC-ET
Radome Colour	Black
Operating Temperature (°C)	-40 to +85
Storage Temperature (°C)	-40 to +85
Substance Compliance	RoHS

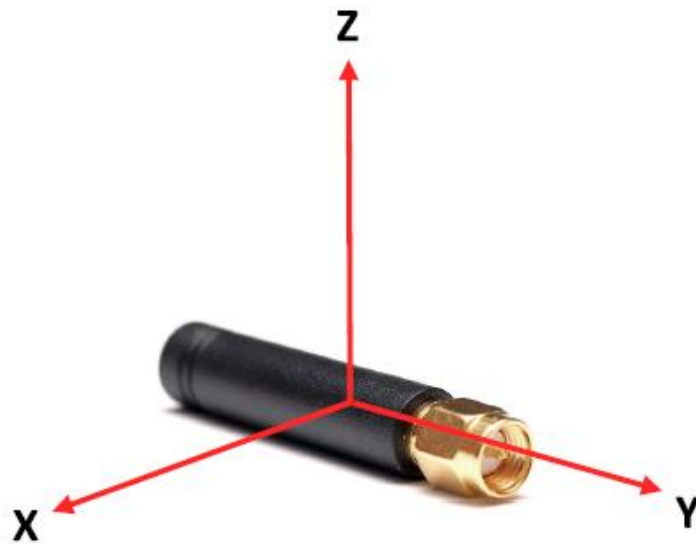
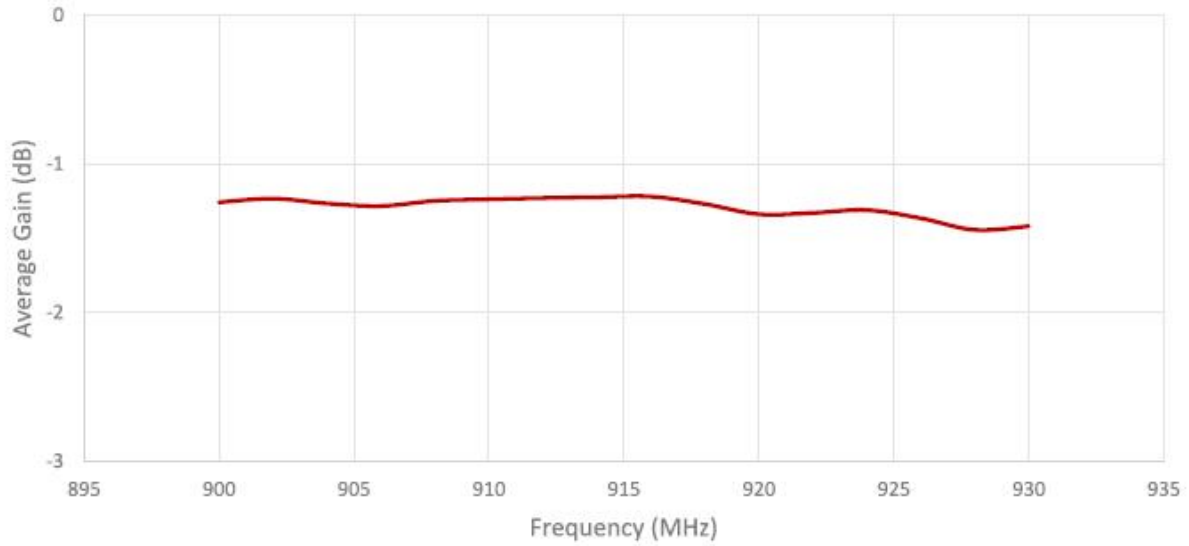
3. Antenna drawings



4. Antenna parameters

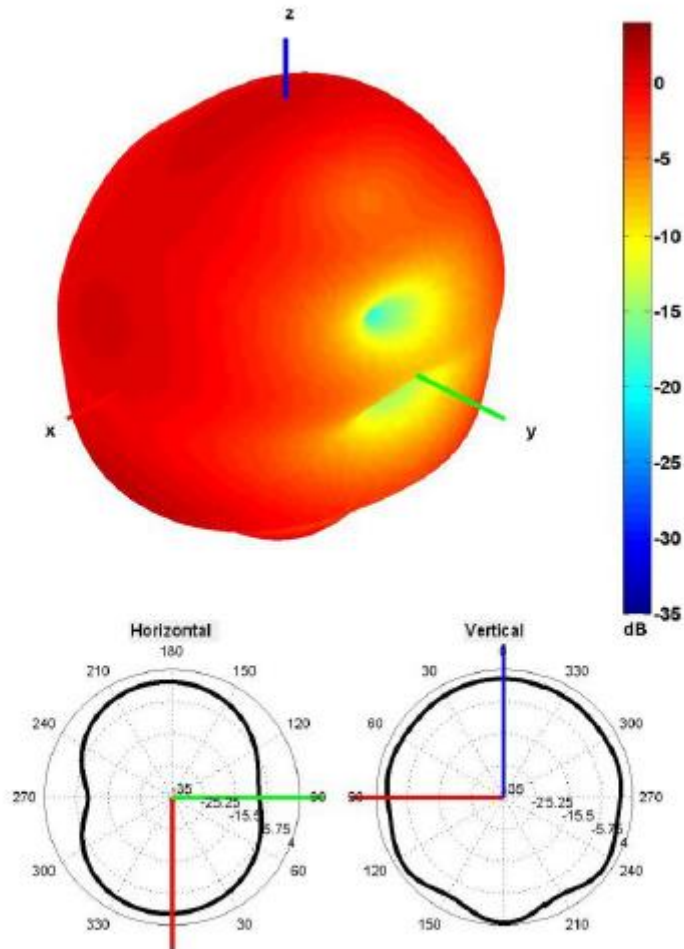






Radiation pattern reference





915 MHz Radiation pattern

