

AMC-ANT-2J0C15-915-C885G

915MHz straight connector mount antenna

Features

- ISM
 - 902 - 928MHz
- Low profile
- Connector mount
- Ground plane dependent
- Dimensions: 38 x Ø 9mm



1. Antenna and Electrical Specifications

Parameters	915MHz antenna
Standards	ZigBee, ISM, Sigfox, LoRa
Band (MHz)	915
Frequency (MHz)	902 - 928
Return Loss (dB)	~-7.2
VSWR	~2.5:1
Efficiency (%)	~61.1
Peak Gain (dBi)	~3.0
Average Gain (dB)	~-2.1
Impedance (Ohms)	50
Polarisation	Linear
Radiation Pattern	Omni-directional
Max. Input Power (W)	25
Connector Type	Straight SMA male standard

Antenna measurement conditions:

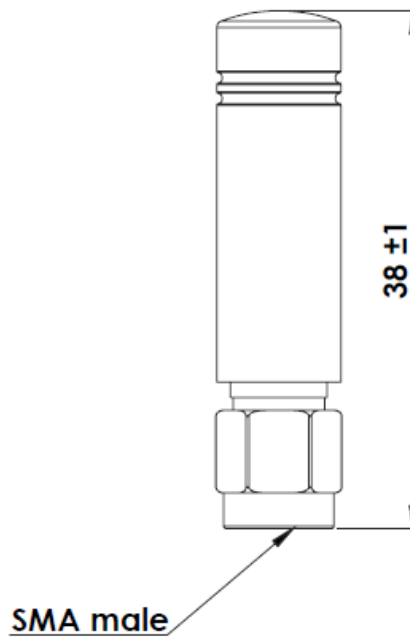
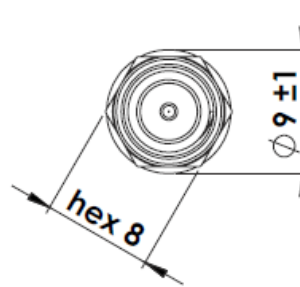
Mounted on ground plane of 95 x 40mm

Measured in certified CTIA 3D anechoic chamber

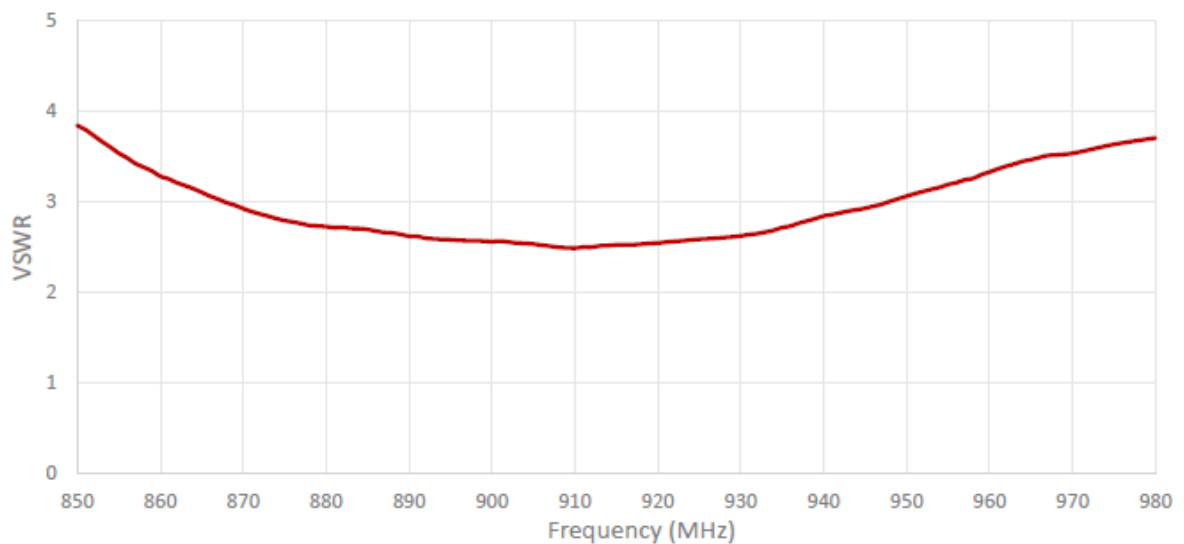
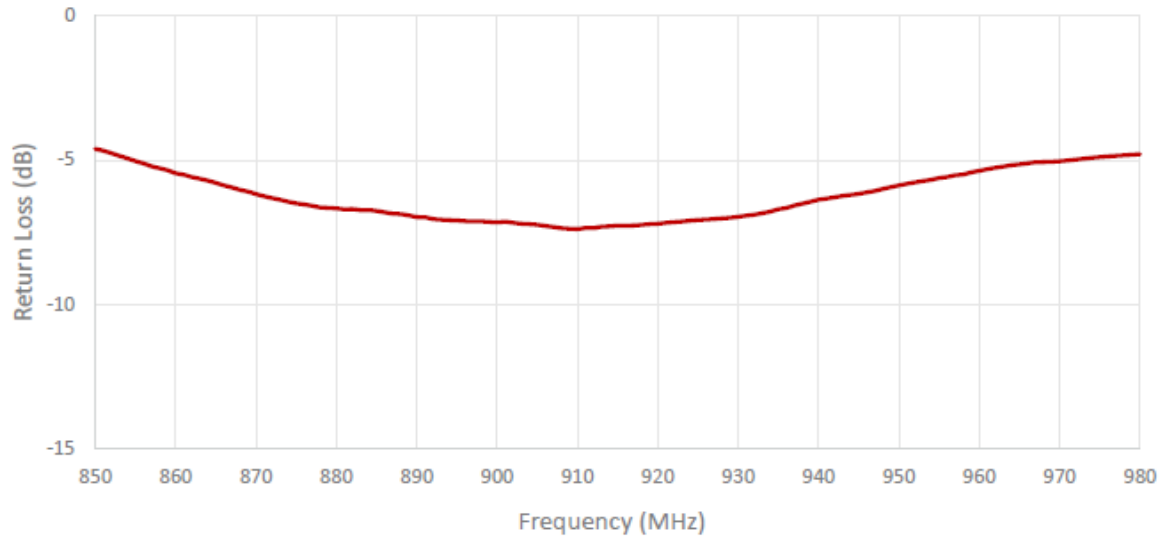


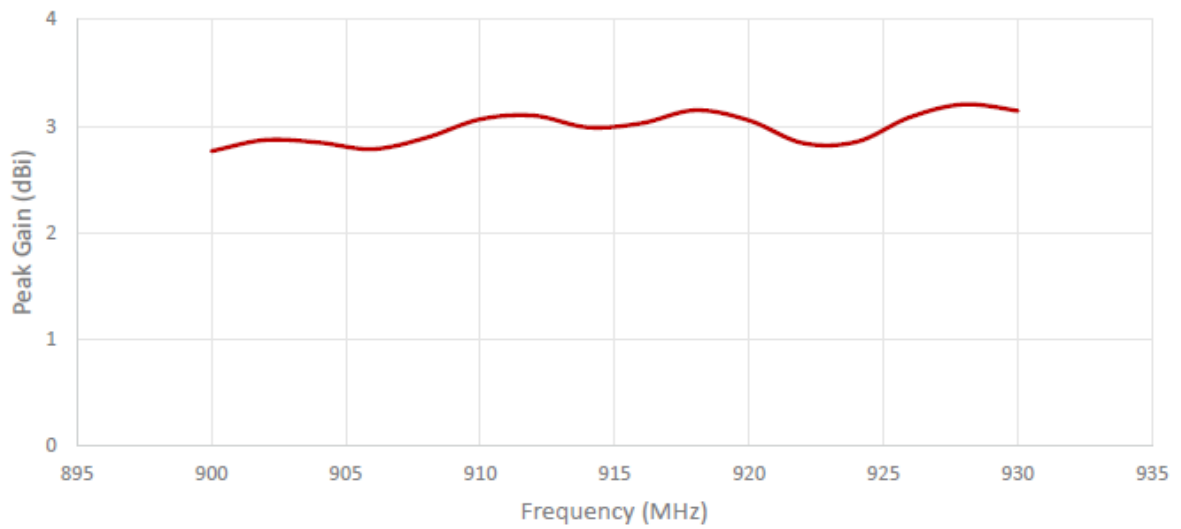
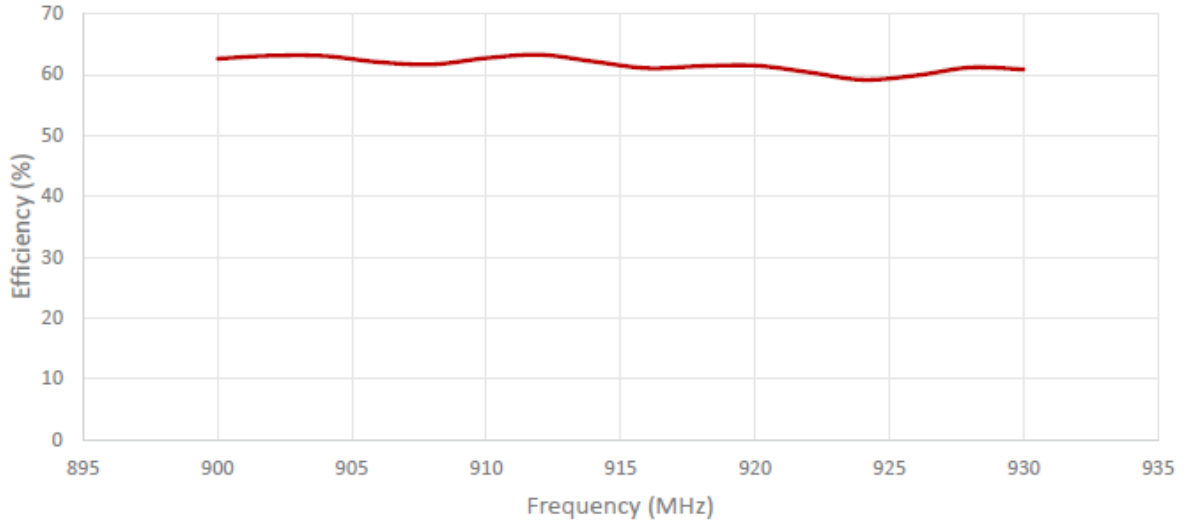
2. Mechanical and Environmental Specifications

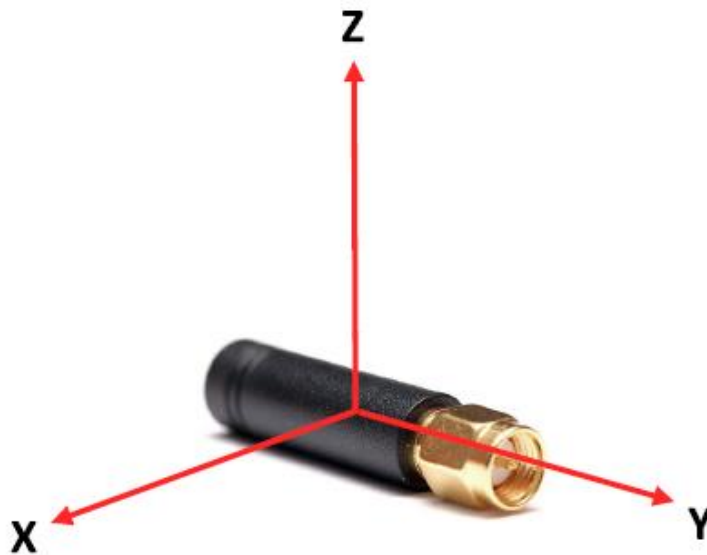
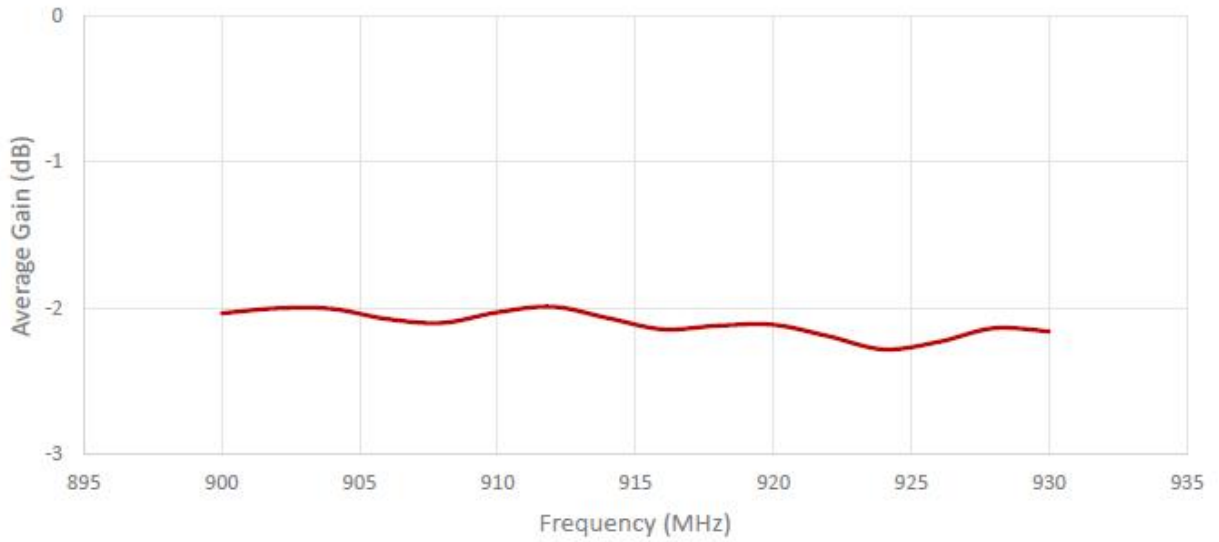
Mounting Type	Connector mount
Dimensions (mm)	38 x \varnothing 9
Radome	TPC-ET
Radome Colour	Black
Operating Temperature (°C)	-40 to +85
Storage Temperature (°C)	-40 to +85
Substance Compliance	RoHS



3. Antenna Parameters

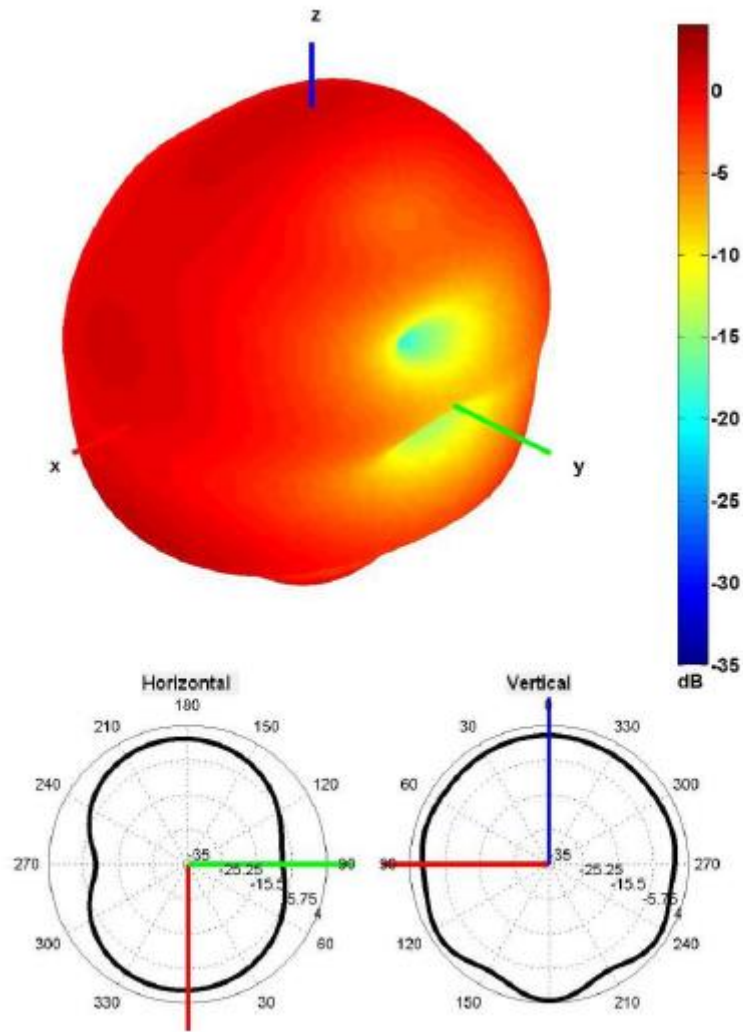






Radiation pattern reference





915 MHz Radiation pattern

