

AMC-ANT-2J7426MPz

Iridium magnetic/adhesive mount antenna

Features

- Iridium
 - 1616 - 1627MHz
- Magnetic/adhesive mount
- Iridium certified
- Low profile
- Single feed technology
- Ground plane dependent
- Certificates: IP67/IP69
- Dimensions: Ø 54 x 14.7mm
- Customisable cable and connector



1. Antenna and electrical specifications

Parameters	Iridium antenna
Standards	Iridium
Band (MHz)	1621
Frequency (MHz)	1616 - 1627
Return Loss (dB)	~-28.0
VSWR	~1.1:1
Efficiency (%)	~82.3
Peak Gain (dBiC)	~5.1
Average Gain (dB)	~-0.8
Impedance (Ohms)	50
Radiation Pattern	Hemispherical
Polarisation	RHCP
Connector Type	SMA male standard (other connectors available)
Cable Length	3 metres standard (other lengths available)
Cable Type	DACAR 302 standard (other cables available)

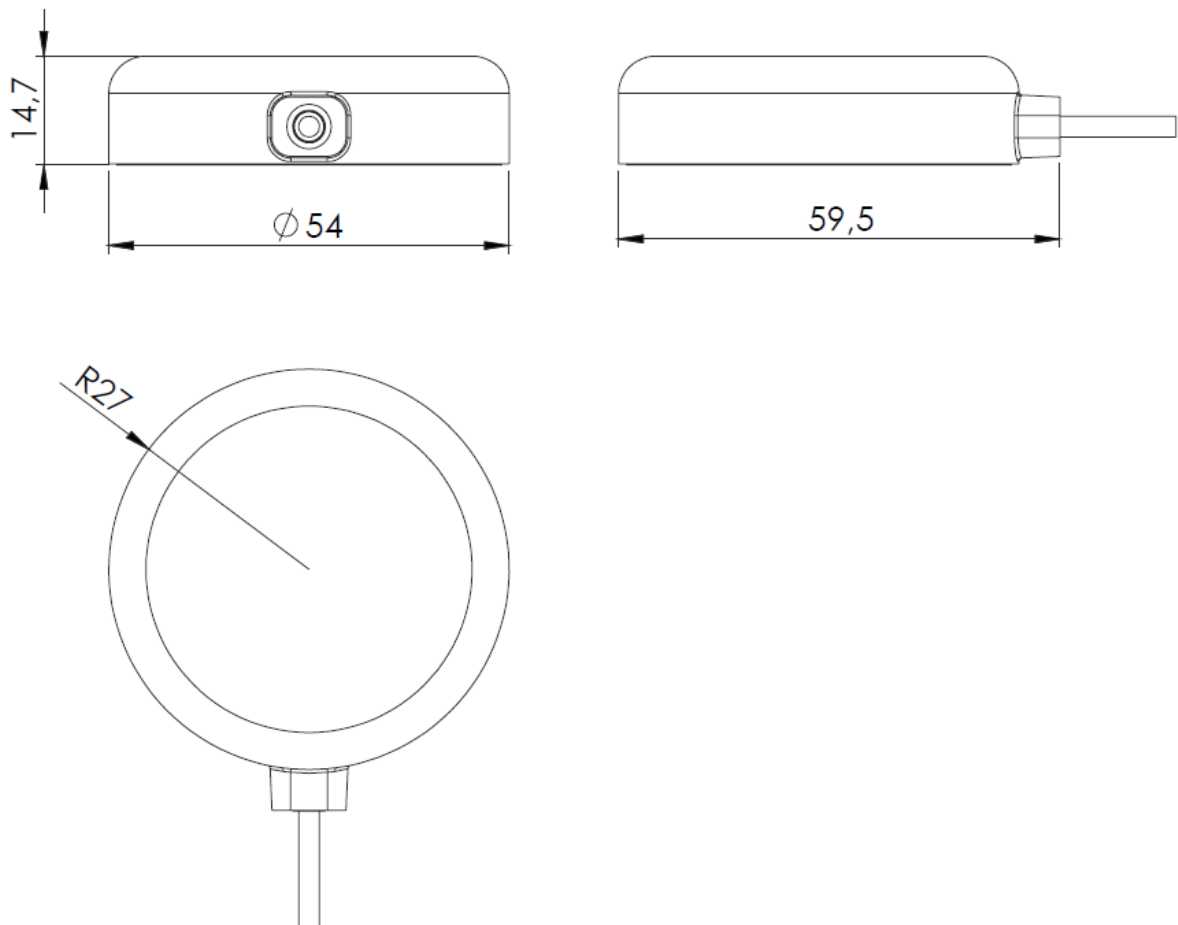
Antenna measurement conditions:

- Mounted on metal plate 30 x 30cm
- Measured in certified CTIA 3D anechoic chamber



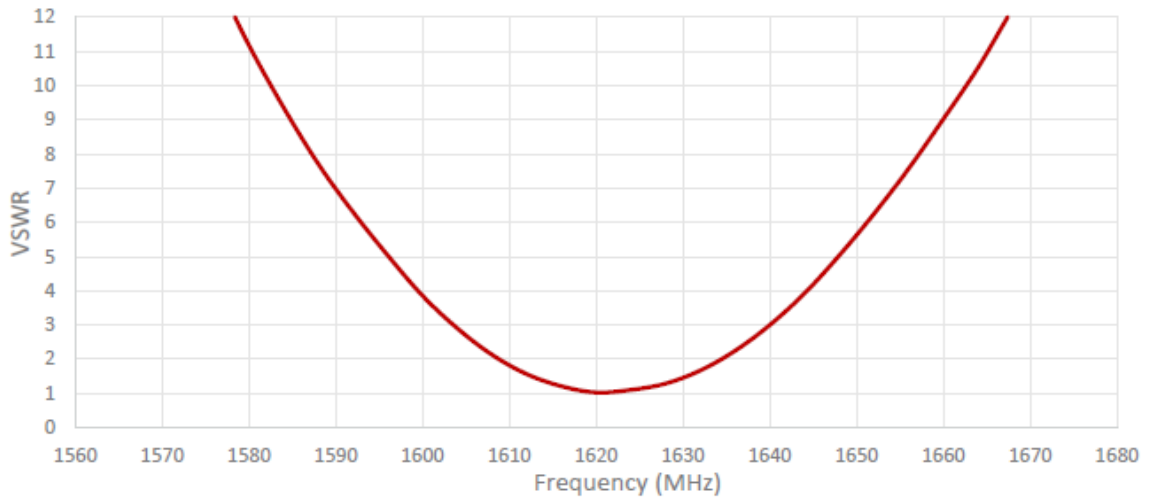
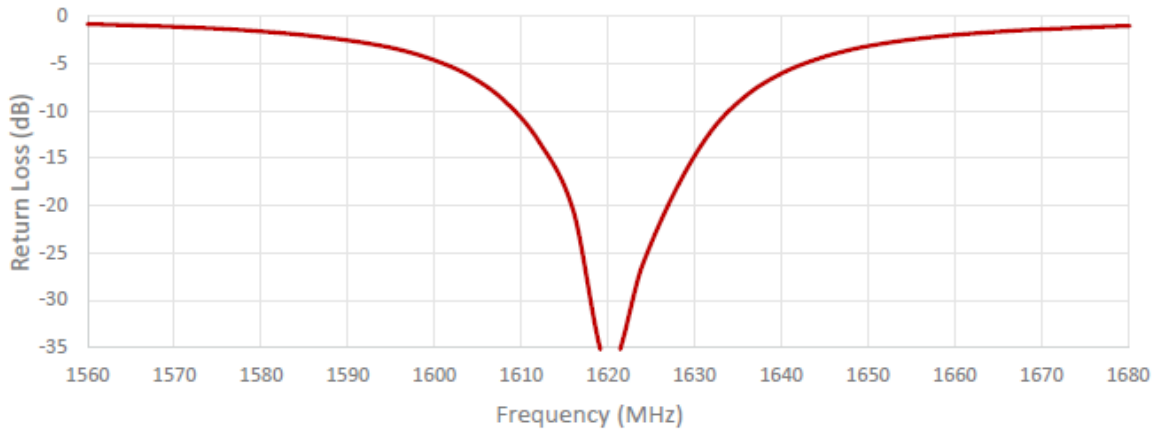
2. Mechanical and environmental specifications

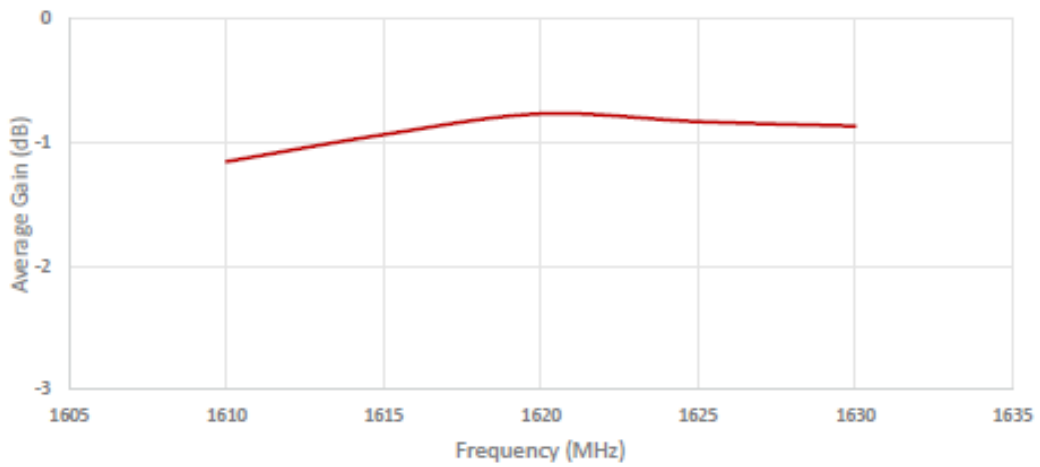
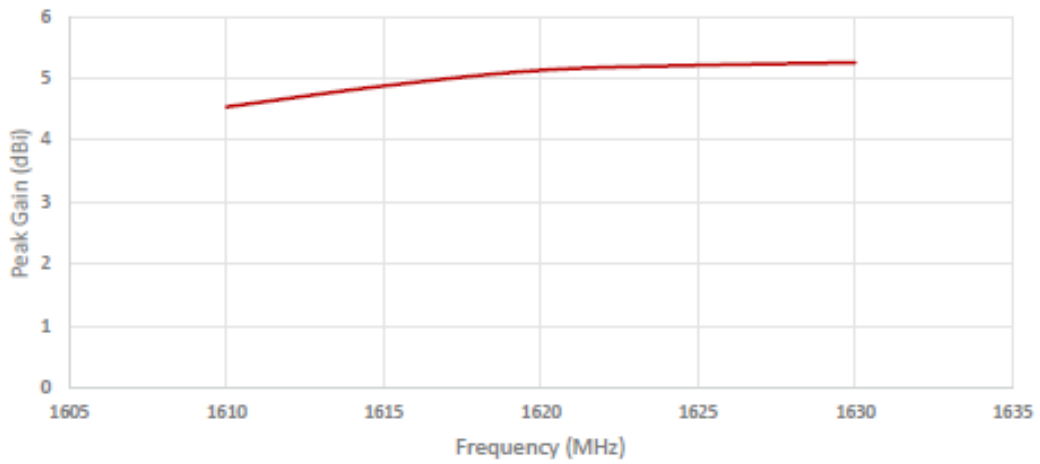
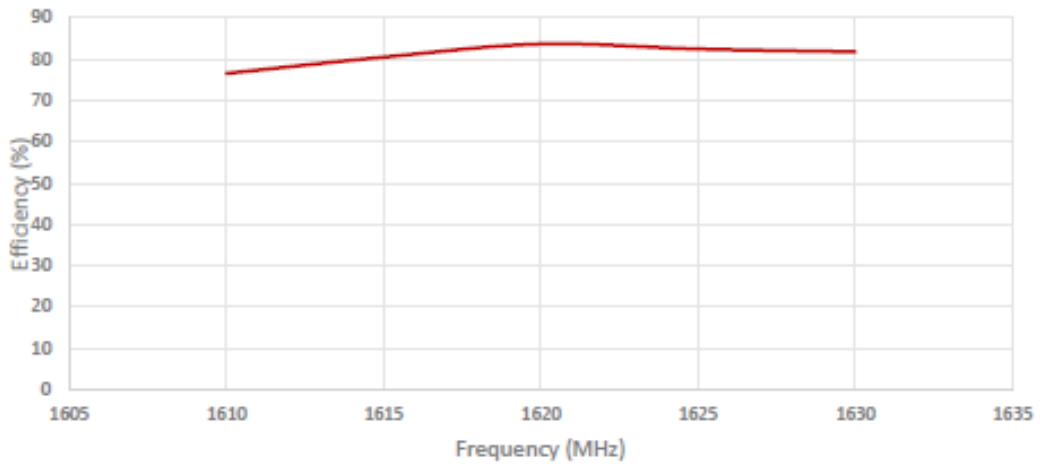
Mounting Type	Magnetic/adhesive mount
Dimensions (mm)	Ø 54 x 14.7
Radome Type	PC + ASA
Radome Colour	Black
Operating Temperature (°C)	-40 to +85
Storage Temperature (°C)	-40 to +85
Substance Compliance	RoHS
Certificates	Iridium Certified, IP67, IP69

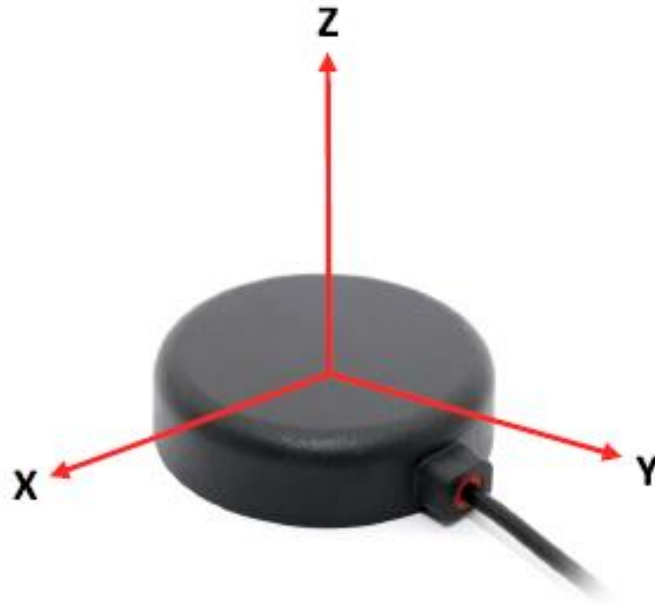


3. Antenna Parameters

Cable 1:

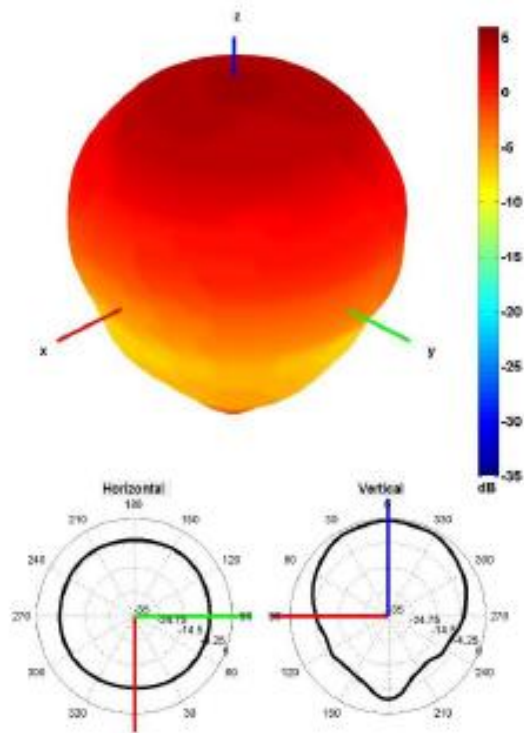






Radiation pattern reference

Cable 1: IRIDIUM



1621 MHz Radiation pattern

