

2J7426MPz

(Alpha Micro Part No. AMC2J7426MPz)

Iridium magnetic & adhesive mount antenna

Features

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



1. Antenna and Electrical Specifications

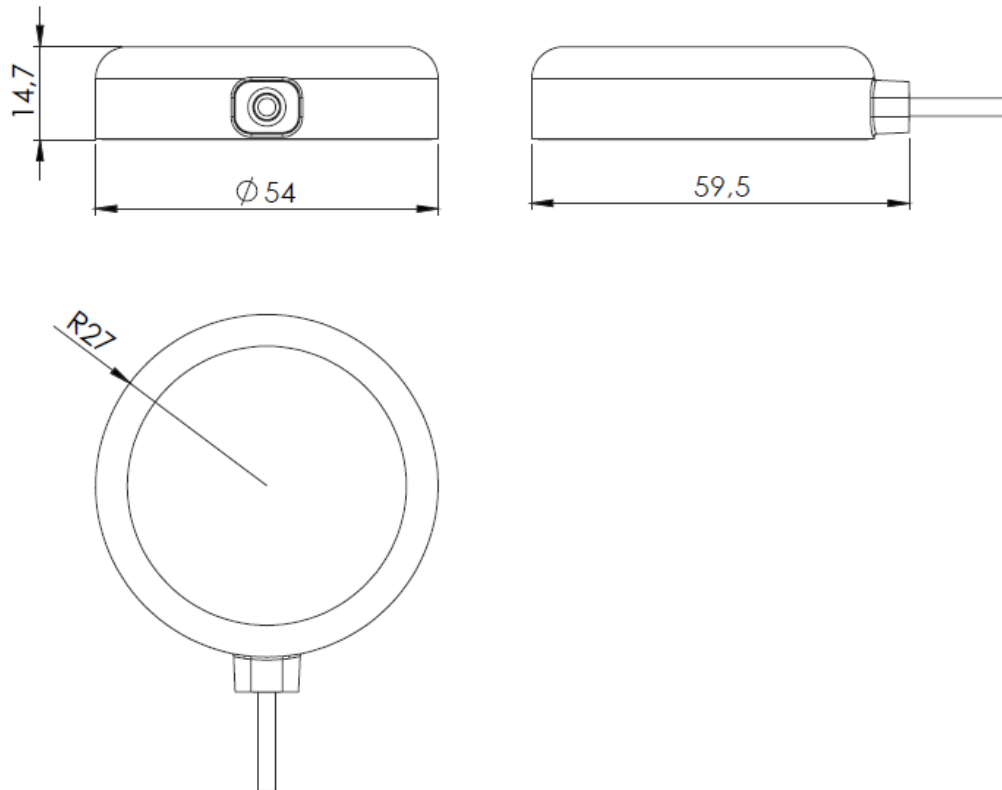
Parameters	Iridium Antenna
Standards	Iridium
Band (MHz)	1621
Frequency (MHz)	1616 - 1627
Return Loss (dB)	~-28.0
VSWR	~1.1:1
Efficiency (%)	~82.3
Peak Gain (dBic)	~5.1
Average Gain (dB)	~-0.8
Polarization	RHCP
Radiation Pattern	Hemispherical
Connector Type	SMA male standard (other connectors available)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

Measurement Conditions:

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

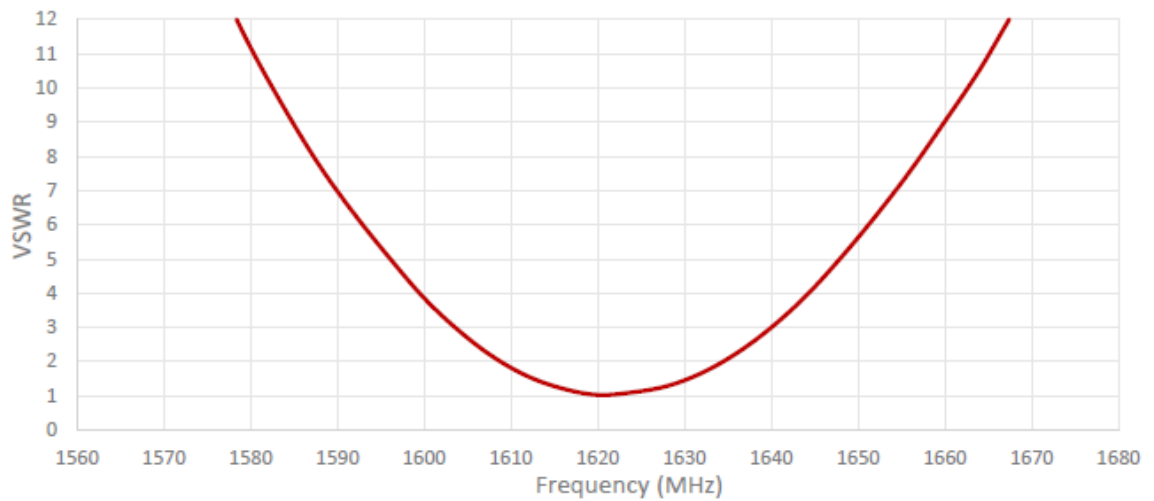
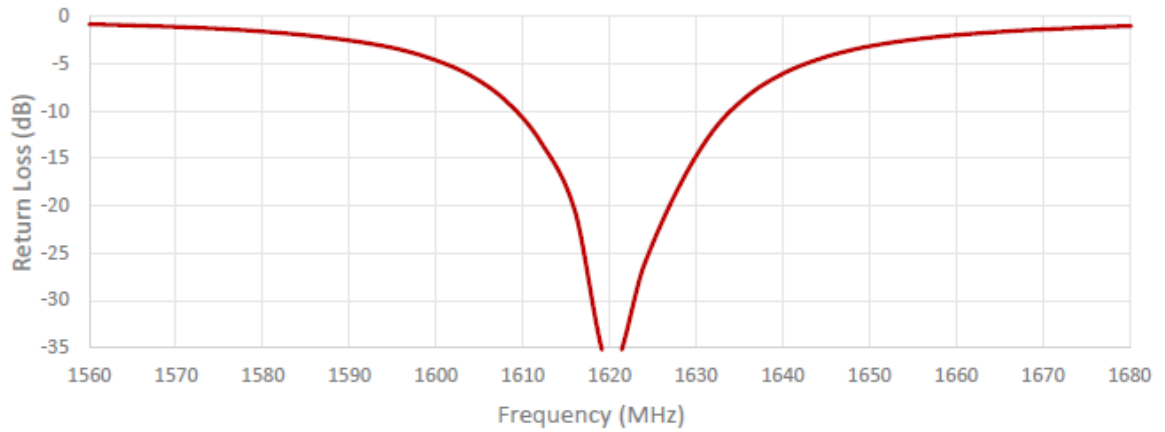
2. Mechanical and Environmental Specifications

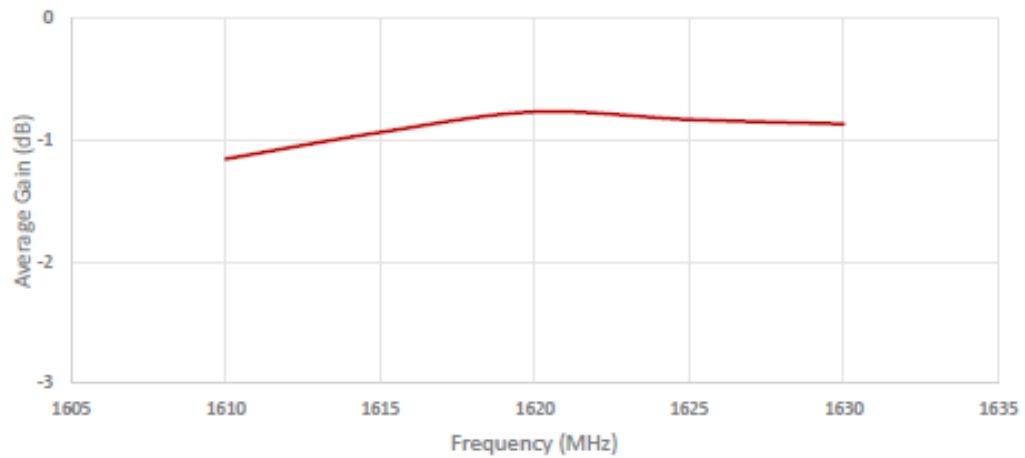
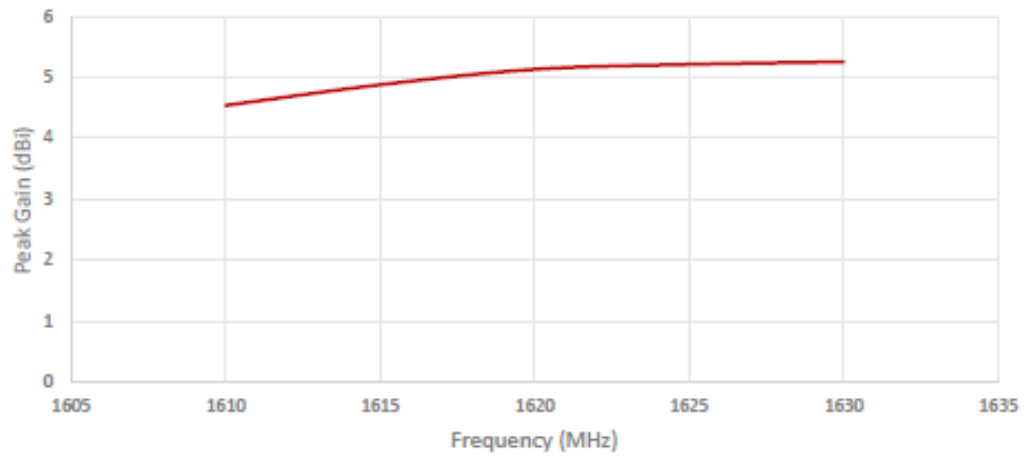
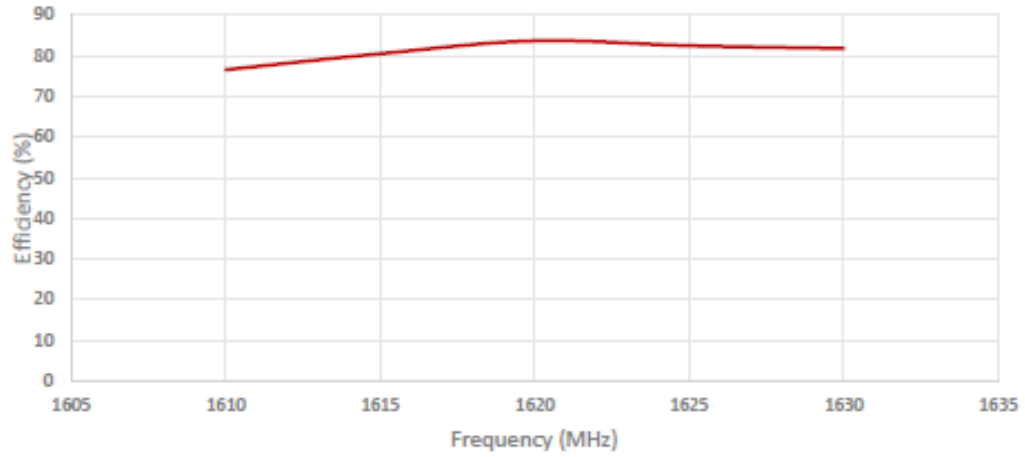
Mounting Type	Magnetic/adhesive mount
Dimensions (mm)	Ø 54 x 14.7
Radome Type	PC + ASA
Radome Color	Black
Operating Temperature (°C)	-40 to +85
Storage Temperature (°C)	-40 to +85
Substance Compliance	RoHS
Certificates	Iridium Certified, IP67, IP69

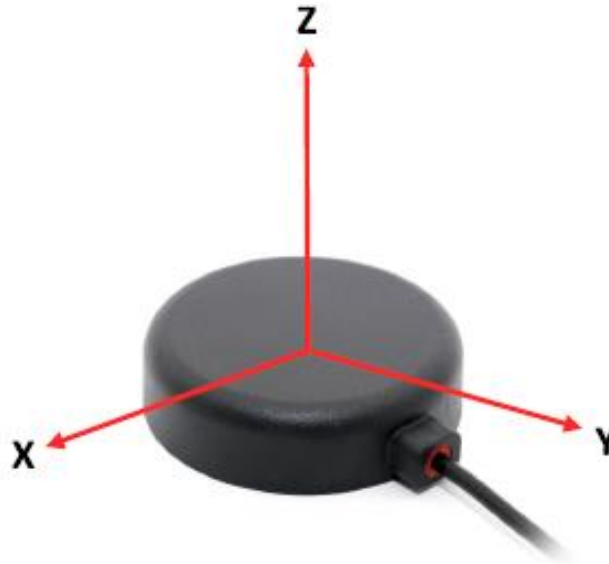


3. Antenna Parameters

Cable 1:

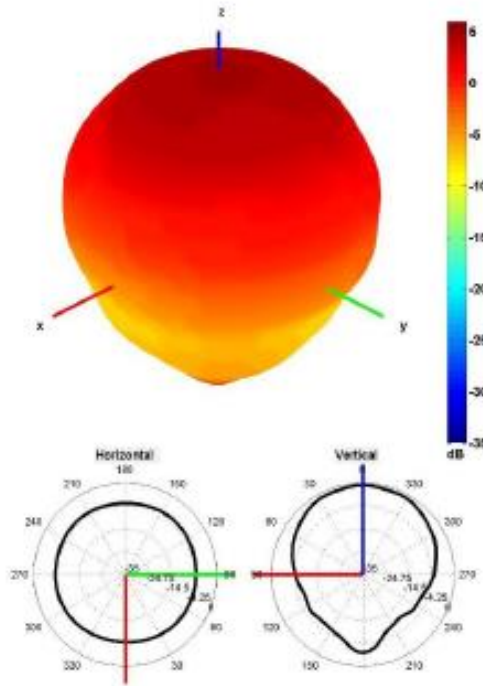






Radiation pattern reference

Cable 1: IRIDIUM



1621 MHz Radiation pattern