

2J6934MP

IRIDIUM/GPS Magnetic/Adhesive Mount

Key Features

GPS/QZSS/Galileo and IRIDIUM

- 1575 MHz

- 1616-1627 MHz

Magnetic/Adhesive Mount

Iridium Certified

Low Profile

High Gain

Single Feed Technology

Ground Plane Independent

Customizable Cable and Connector

Dimensions 89 × 76 × 27/30 mm

Certificates: IP67, IP69



1. Antenna and electrical specifications

Cable 1

Parameters	GNSS and IRIDIUM Antenna	
Standards	GPS/QZSS/Galileo	IRIDIUM
Bands (MHz)	1575	1621
Frequency (MHz)	1575.42	1616 - 1627
Return Loss (dB)	~-27.6	~-21.6
VSWR	~1.1:1	~1.3:1
Efficiency (%)	~93.8	~92.9
Peak Gain (dBi)	~5.1	~5.7
Average Gain (dB)	~-0.3	~-0.3
Impedance (Ohms)	50	
Radiation Pattern	Hemispherical	
Polarization	RHCP	
Connector Type	SMA-Male Standard (Other Connectors Available)	
Cable Length	300 cm Standard (Any Cable Length Available)	
Cable Type	D302 Standard (Other Cables Available)	

Antenna Measurement Conditions:

Mounted on Ground Plane of 70 x 70 mm

No Cable

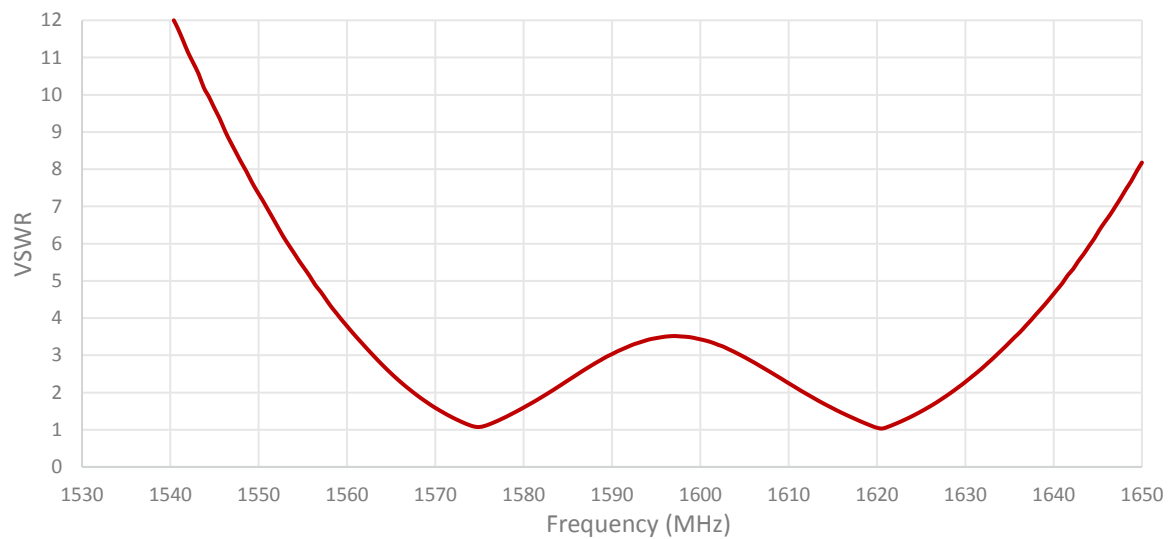
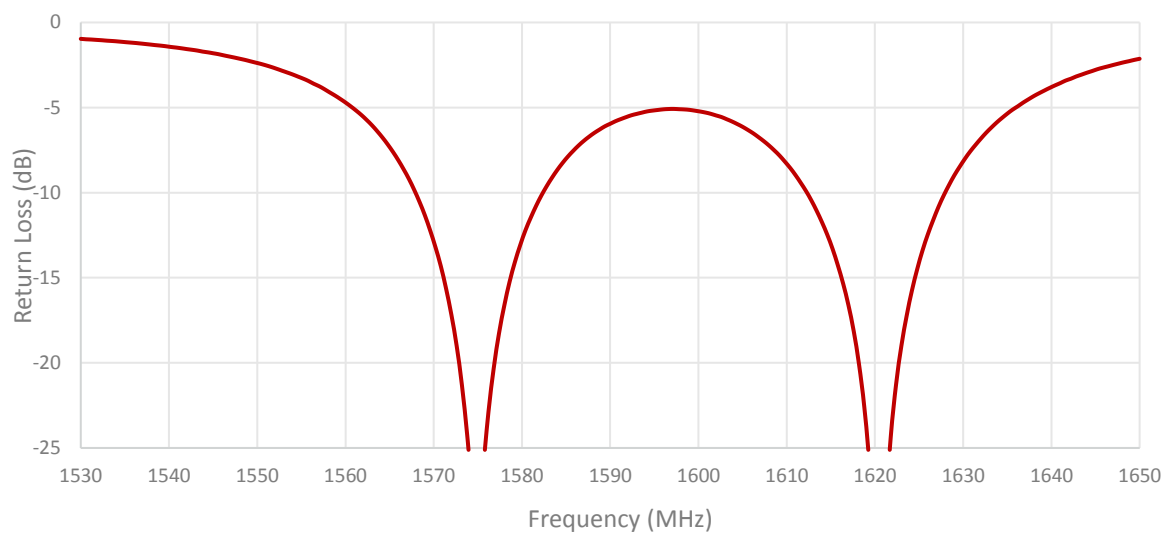
Measured in Certified CTIA 3D Anechoic Chamber

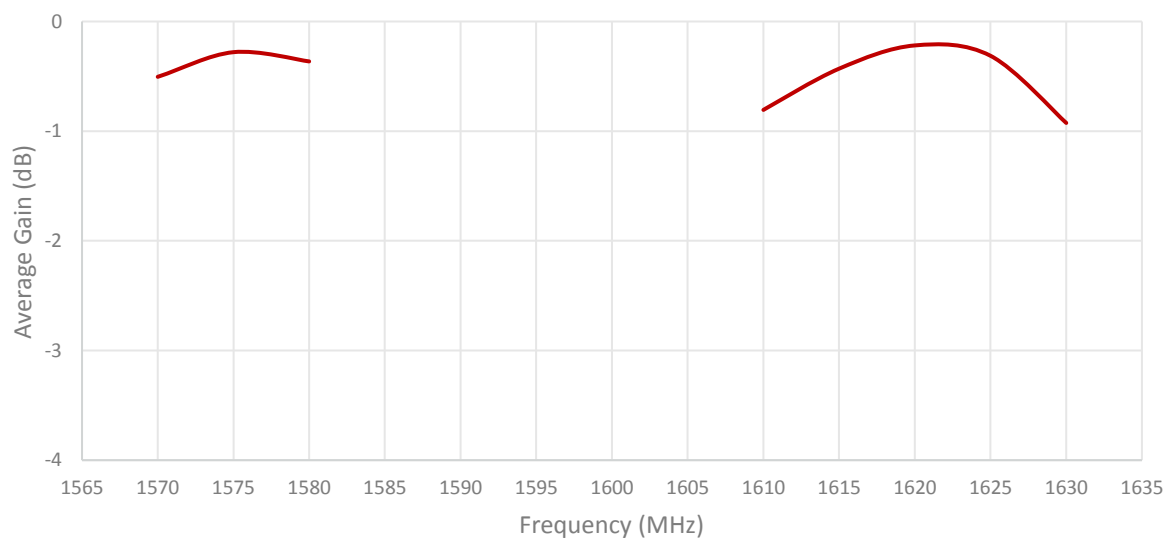
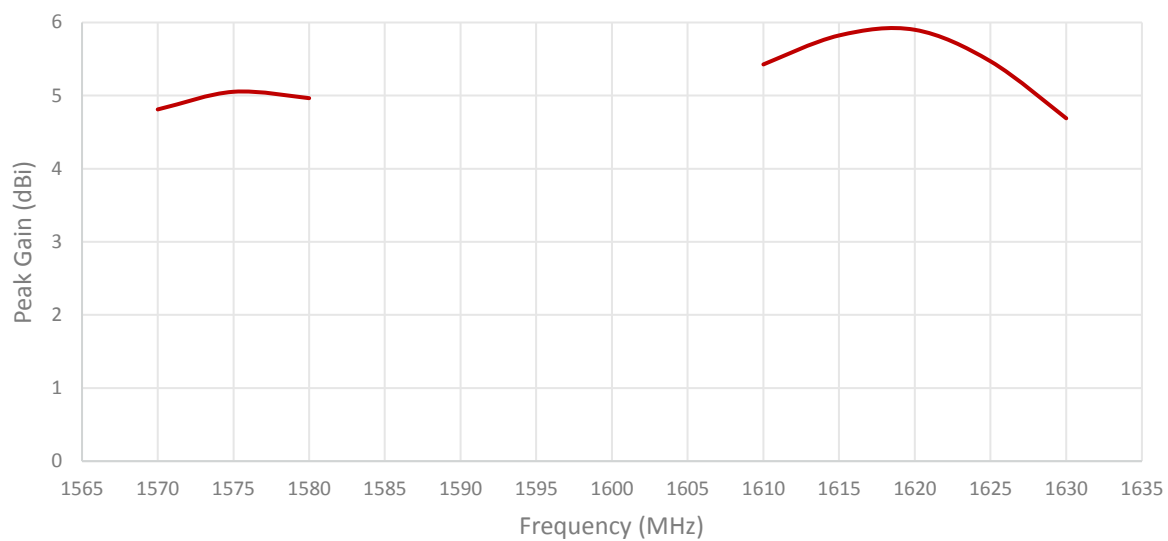
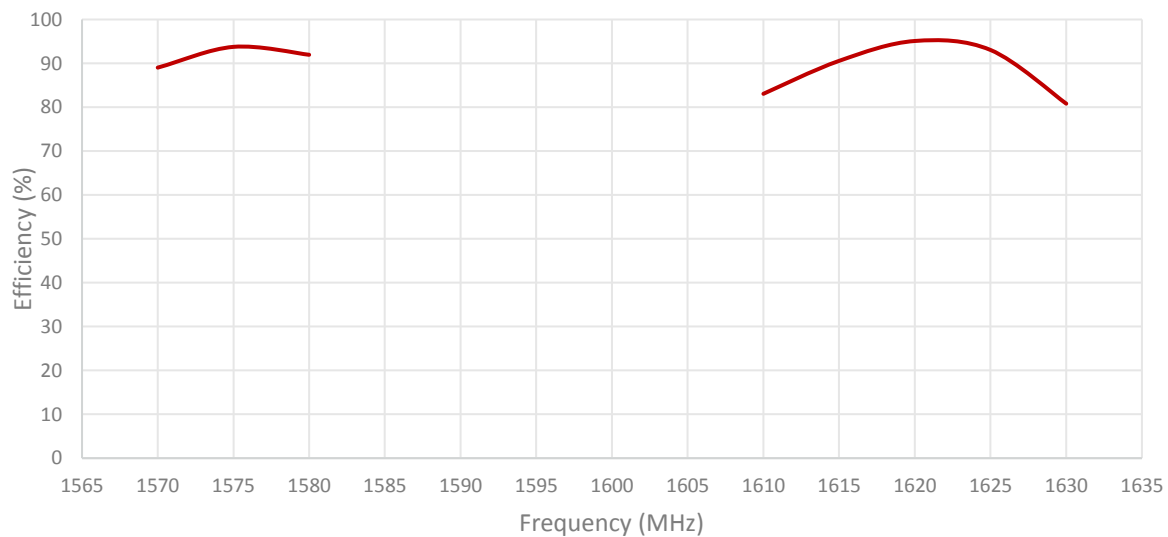
2. Mechanical and environmental specifications

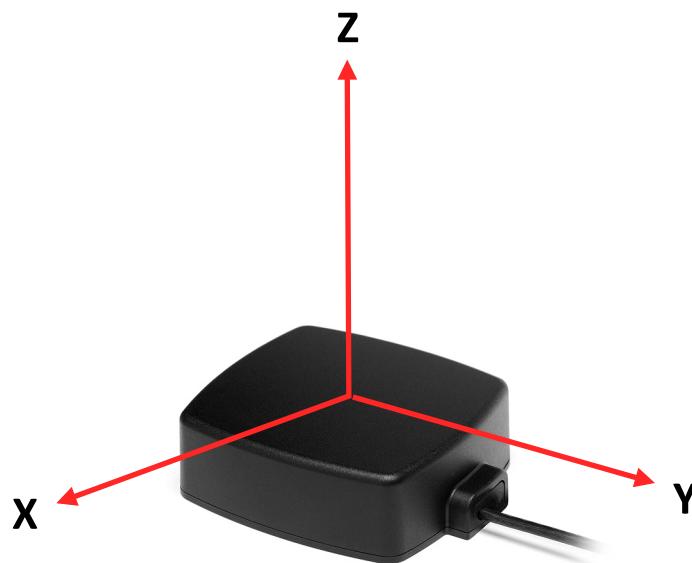
Specifications	2J6934MP
Mounting Type	Magnetic/Adhesive Mount
Dimensions (mm)	89 × 76 × 27/30
Radome Type	ABS UV Stable
Radome Color	Black, White
Operating Temperature (C)	-40 to +85
Storage Temperature (C)	-40 to +85
Substance Compliance	RoHS
Certificates	Iridium Certified, IP67, IP69,

3. Antenna parameters

Cable 1: IRIDIUM/GPS

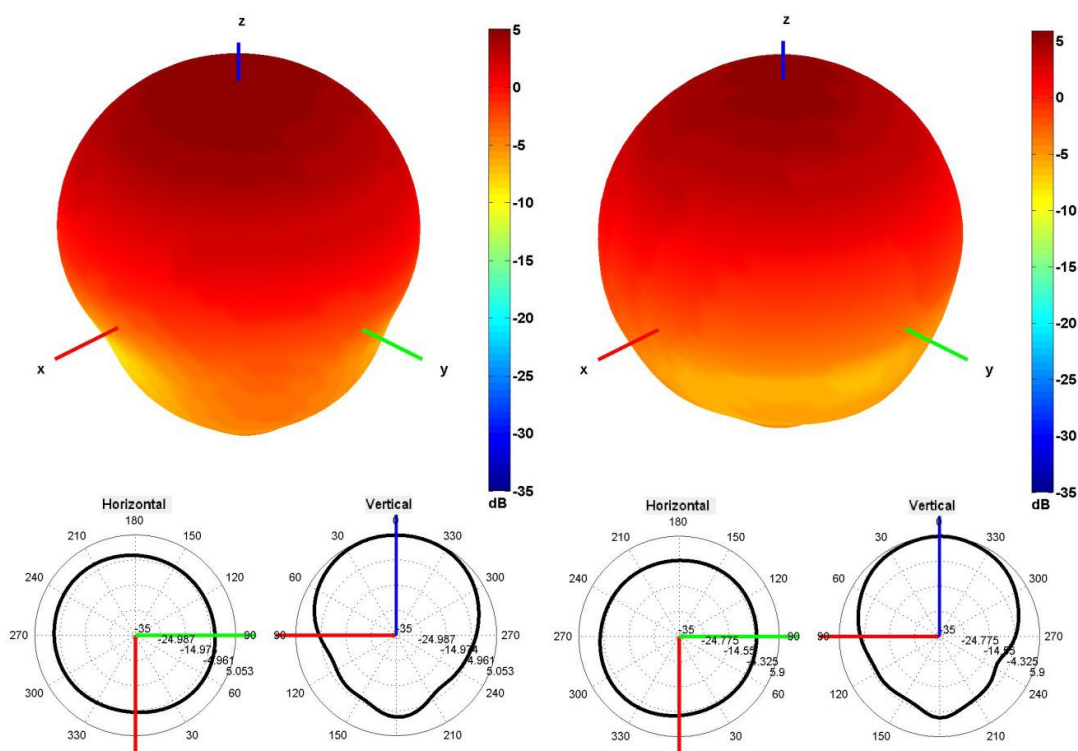






Radiation pattern reference

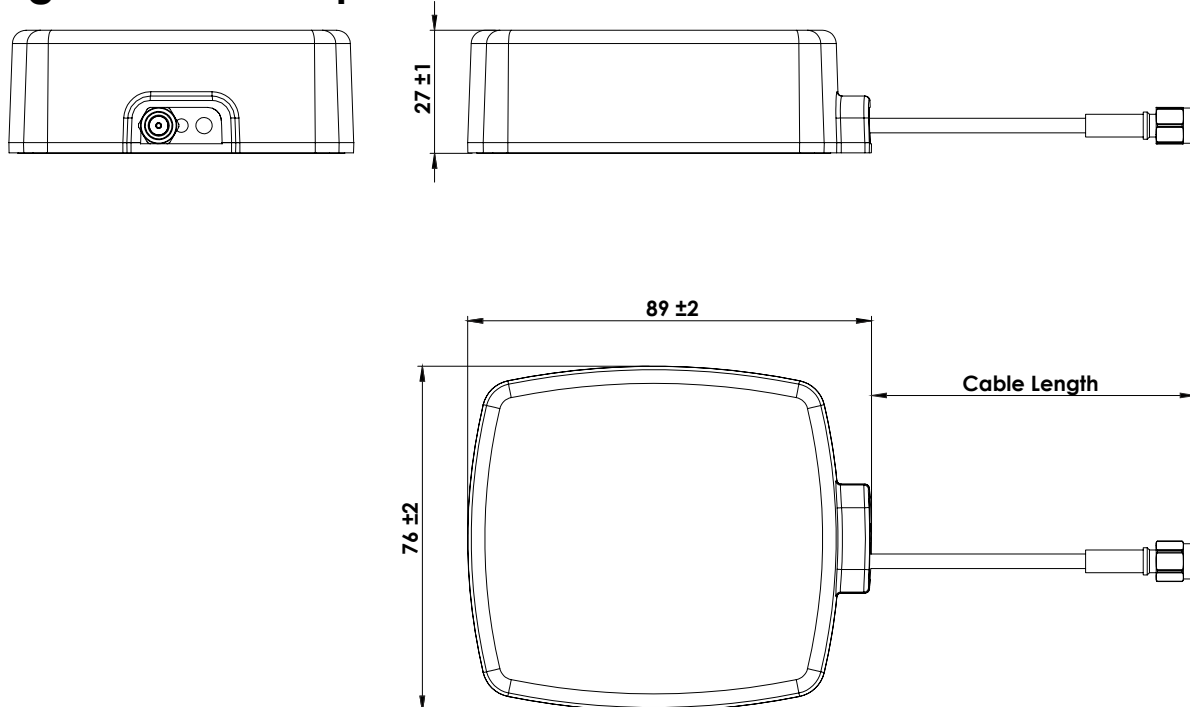
Cable 1: IRIDIUM/GPS



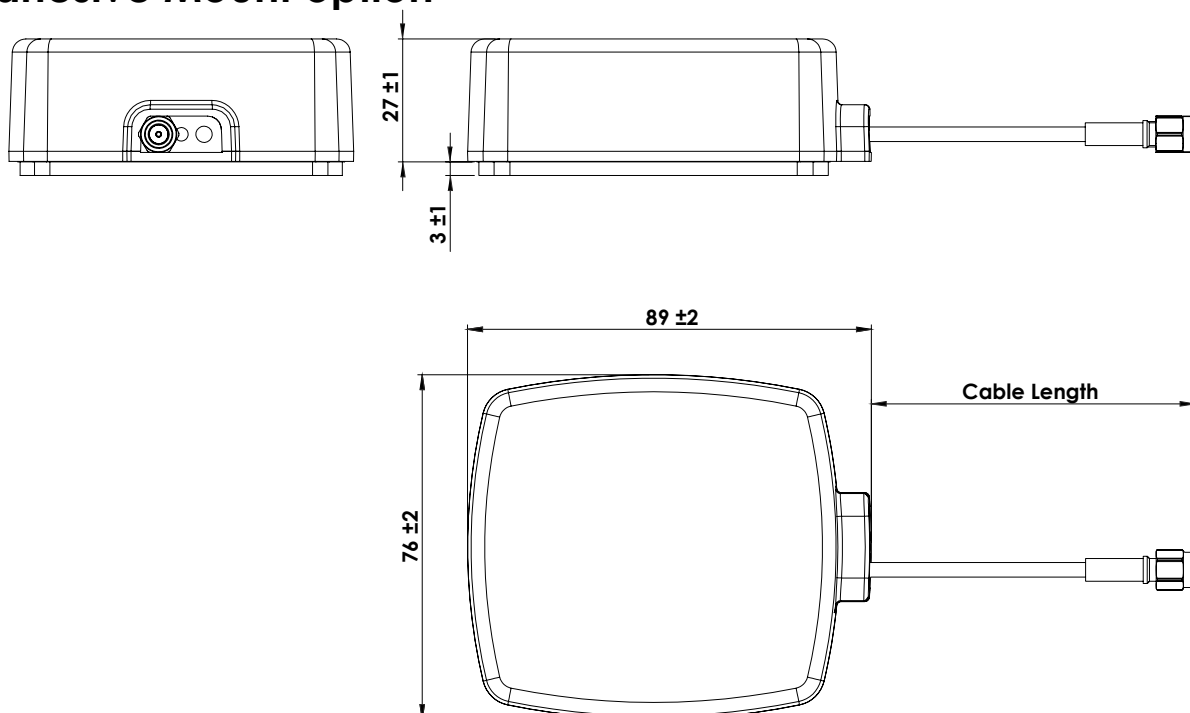
1575 and 1621 MHz Radiation pattern

4. Antenna drawings

Magnetic Mount option



Adhesive Mount option



5. Antenna Images



 **iridium**
Certified