

# 2J7426MPz

## IRIDIUM Magnetic/Adhesive Mount

### Key Features

#### IRIDIUM

- 1616-1627 MHz

Magnetic/Adhesive Mount

#### Iridium Certified

Low Profile

Single Feed Technology

Ground Plane Dependent

Customizable Cable and Connector

Dimensions  $\varnothing 54 \times 14.7$  mm

Certificates: IP67, IP69



## 1. Antenna and electrical specifications

Parameters	IRIDIUM Antenna
Standards	Iridium
Bands (MHz)	1621
Frequency (MHz)	1616-1627
Return Loss (dB)	~-28.0
VSWR	~1.1:1
Efficiency (%)	~82.3
Peak Gain (dBi)	~5.1
Average Gain (dB)	~-0.8
Impedance (Ohm)	50
Radiation Pattern	Hemispherical
Polarization	RHCP
Connector Type	SMA-Male Standard (Other Connectors Available)
Cable Length (m)	300cm Standard (Any Cable Length Available)
Cable Type	LL100

### Antenna Measurement Conditions:

Mounted on Metal Plate of 30 x 30 cm

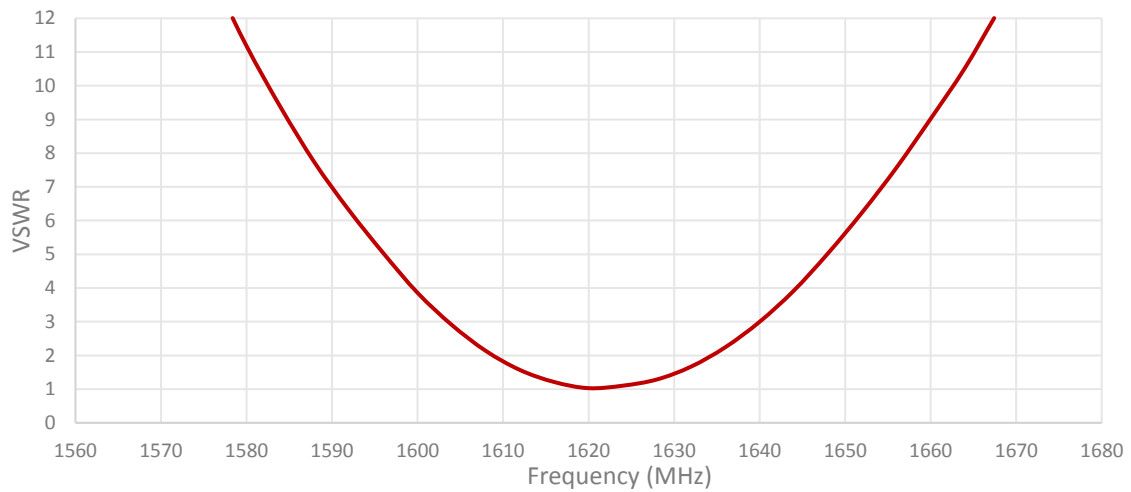
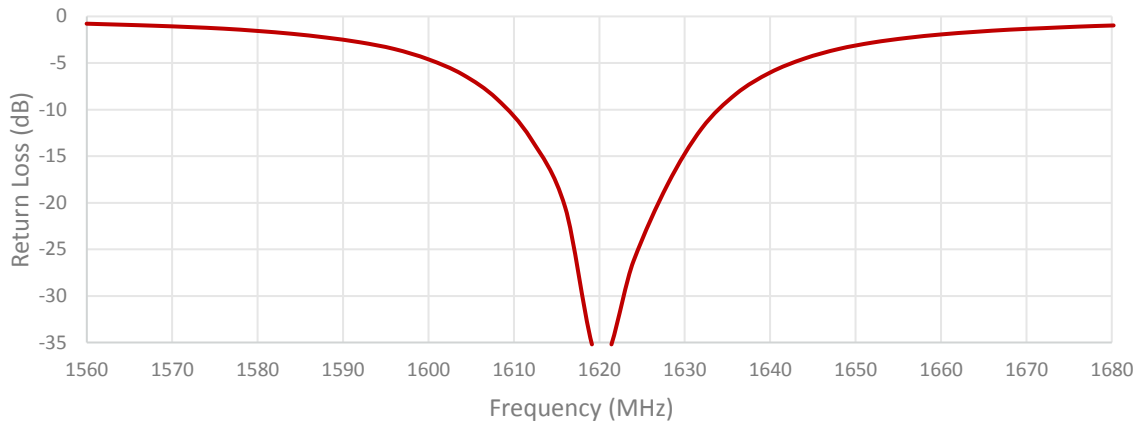
Measured in Certified CTIA 3D Anechoic Chamber

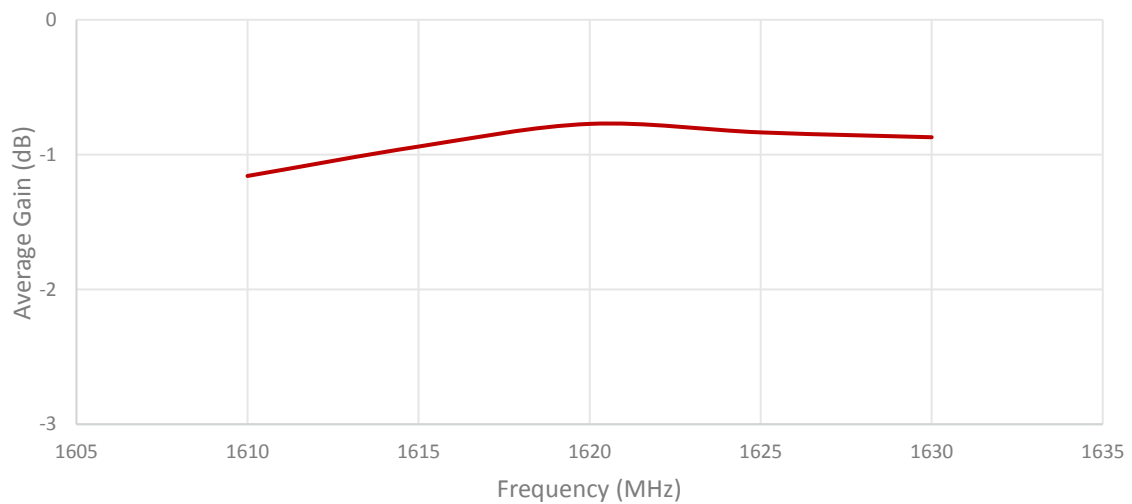
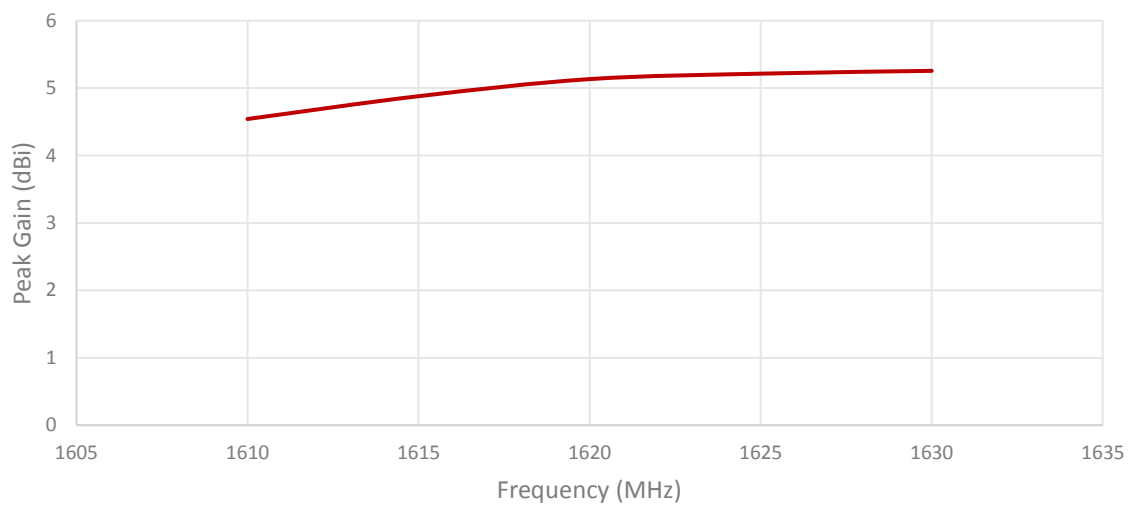
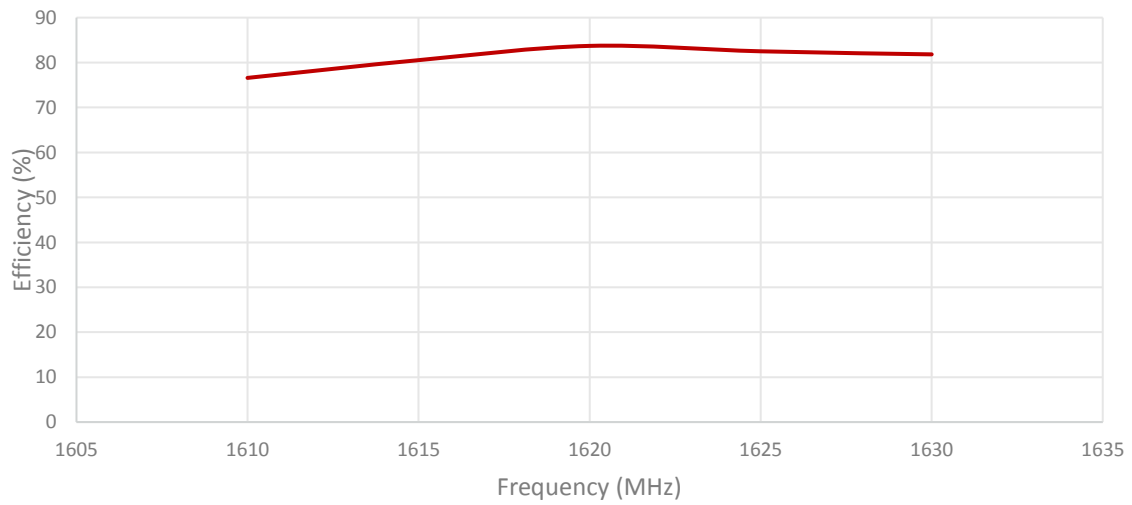
## 2. Mechanical and environmental specifications

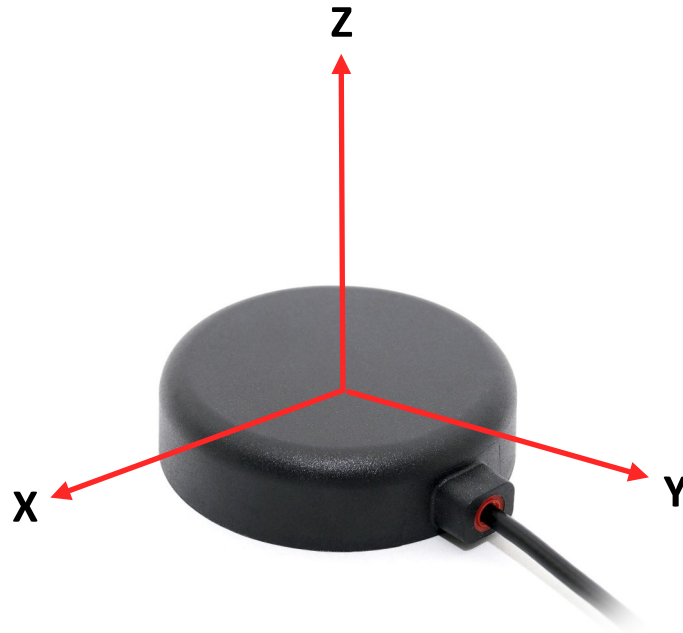
Specifications	2J7426MPz
Mounting Type	Magnetic/Adhesive Mount
Dimensions (mm)	Ø 54 × 14.7
Random Type	PC+ASA
Random Color	Black
Operating Temperature (C)	-40 to +85
Storage Temperature (C)	-40 to +85
Certificates	IP67, IP69, IRIDIUM Certified
Substance Compliance	RoHS

## 3. Antenna parameters

Cable 1:

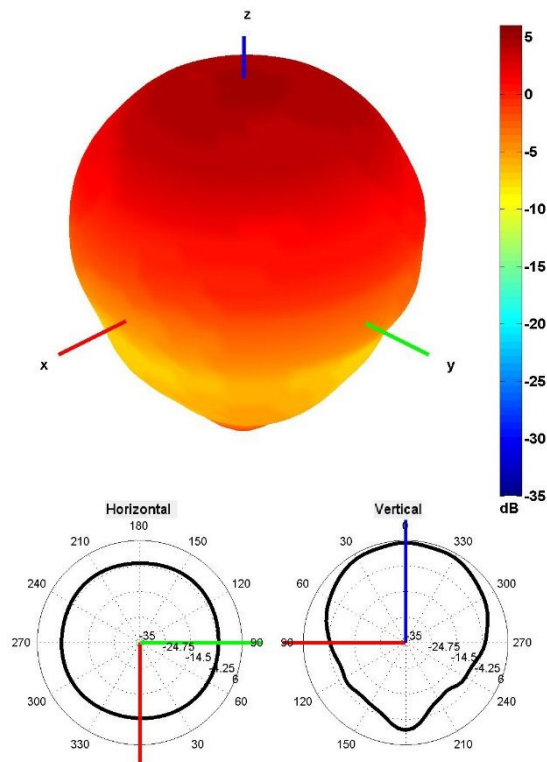






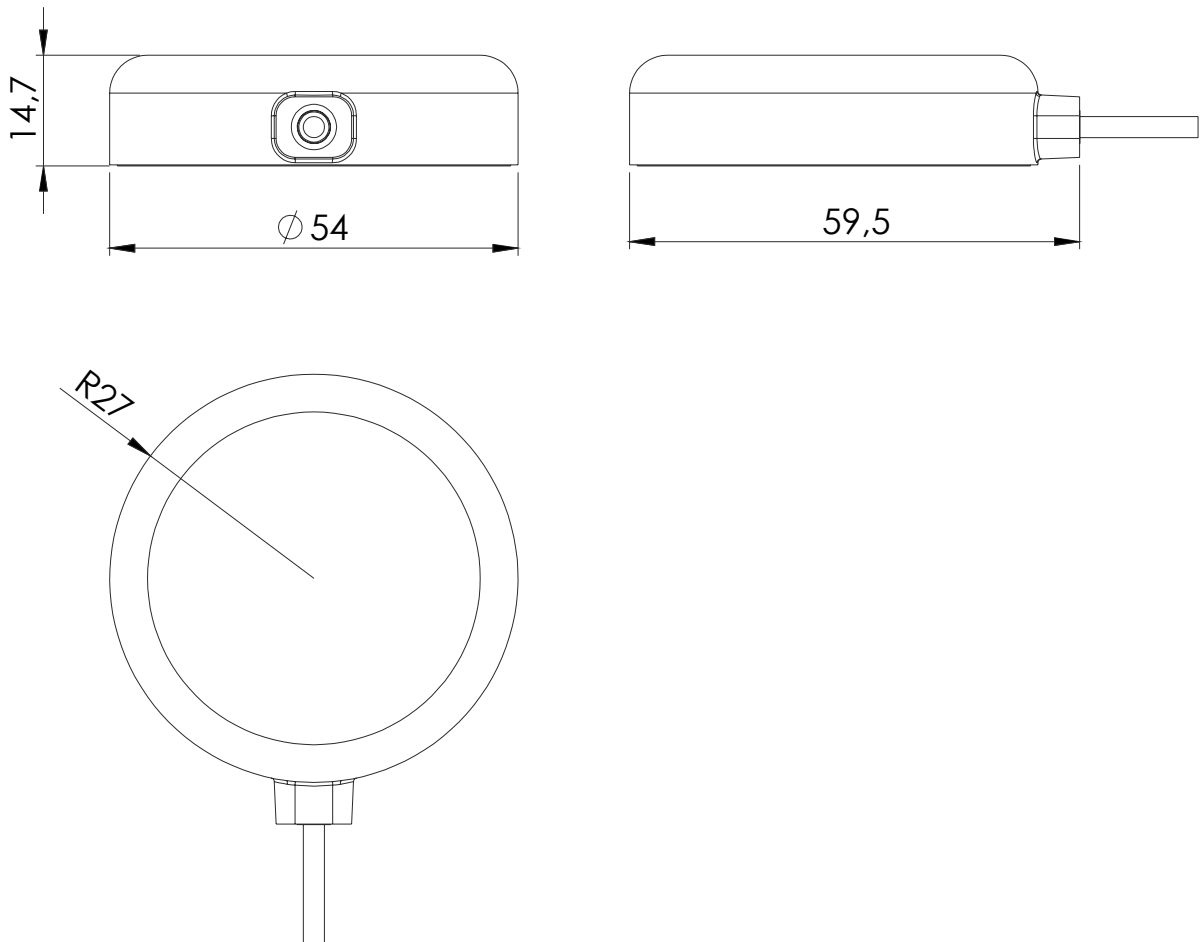
Radiation pattern reference

Cable 1: IRIDIUM



1621 MHz Radiation pattern

## 4. Antenna drawings



## 5. Antenna Images



 **iridium**<sup>®</sup>  
Certified

