

2J7434MPz

IRIDIUM/GPS Magnetic/Adhesive Mount

Key Features

GPS/QZSS/Galileo and IRIDIUM

- 1575 MHz

- 1616-1627 MHz

Iridium Certified

Magnetic/Adhesive Mount

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

Cable 1

Parameters	GNSS and IRIDIUM Magnetic Mount Antenna	
	GPS/QZSS/Galileo	IRIDIUM
Standards	GPS/QZSS/Galileo	IRIDIUM
Bands (MHz)	1575	1621
Frequency (MHz)	1575.42	1616 - 1627
Return Loss (dB)	~-12.9	~-15.8
VSWR	~1.6:1	~1.5:1
Efficiency (%)	~66.6	~65.9
Peak Gain (dBi)	~2.5	~2.6
Average Gain (dB)	~-1.8	~-1.8
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	LL100	

Antenna Measurement Conditions:

Mounted on Metal Plate of 30 x 30 cm

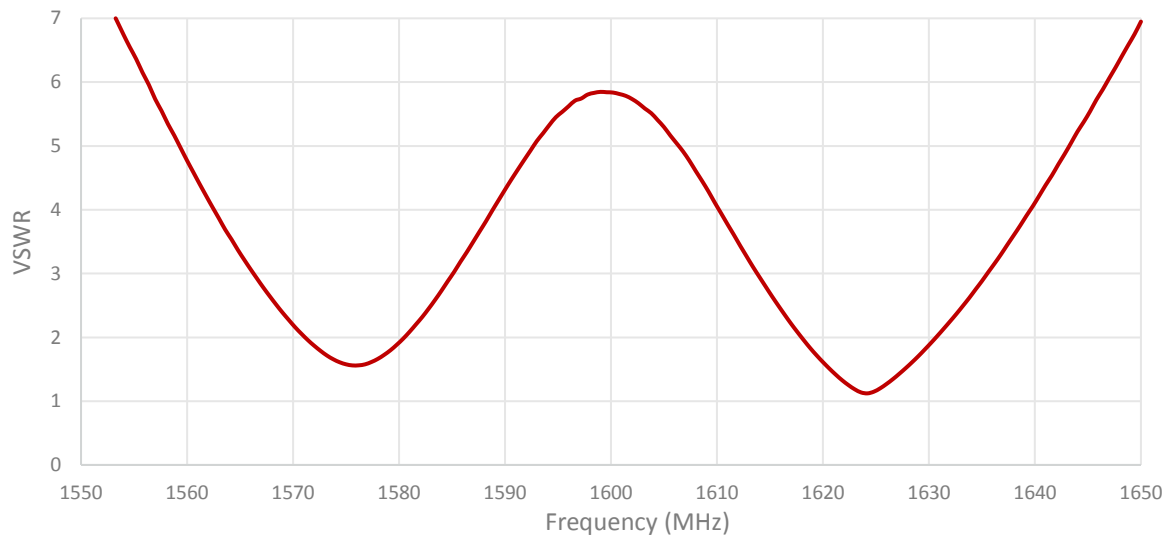
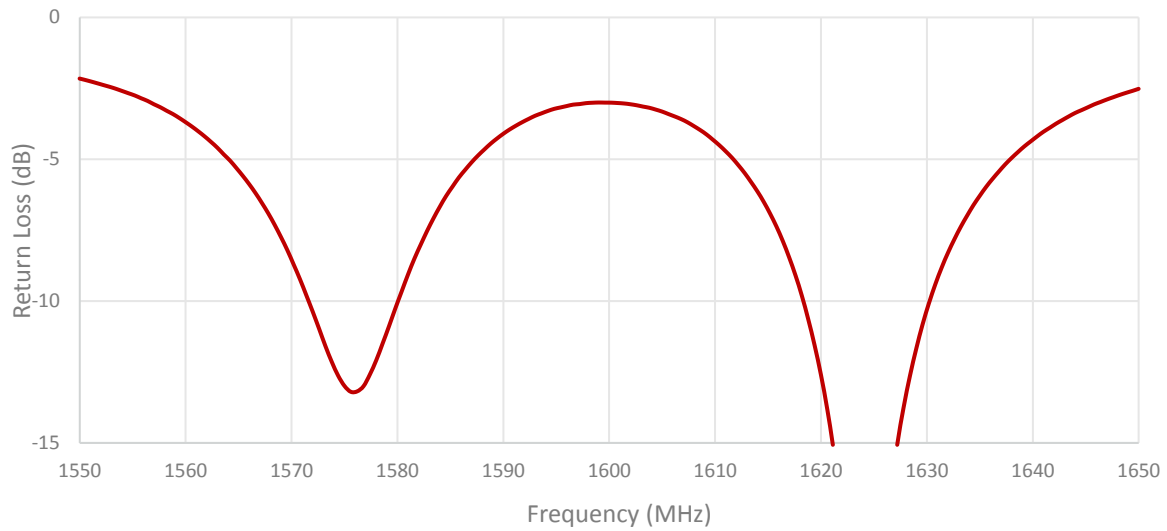
Measured in Certified CTIA 3D Anechoic Chamber

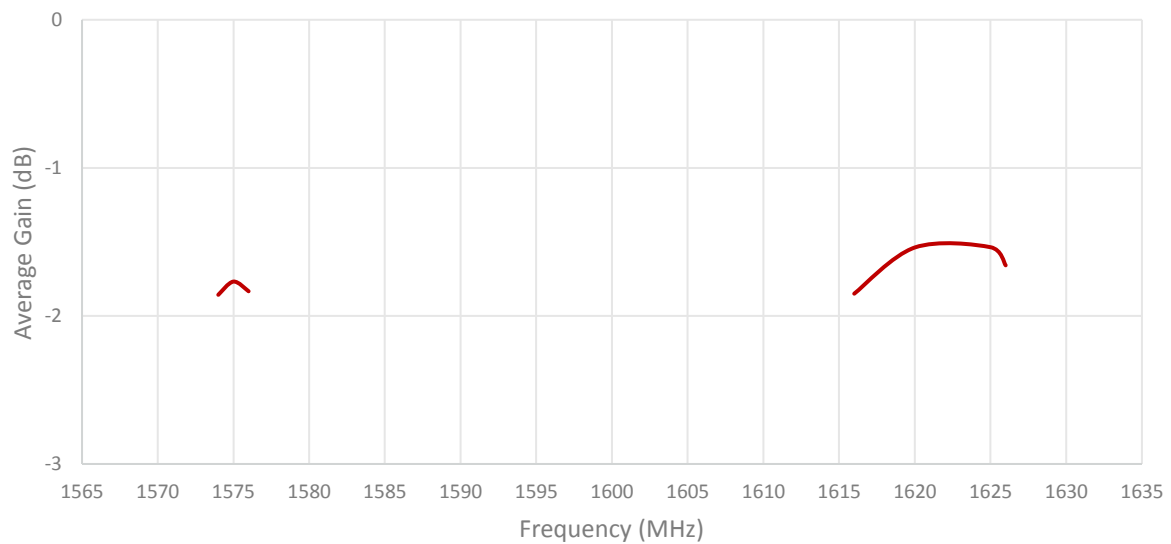
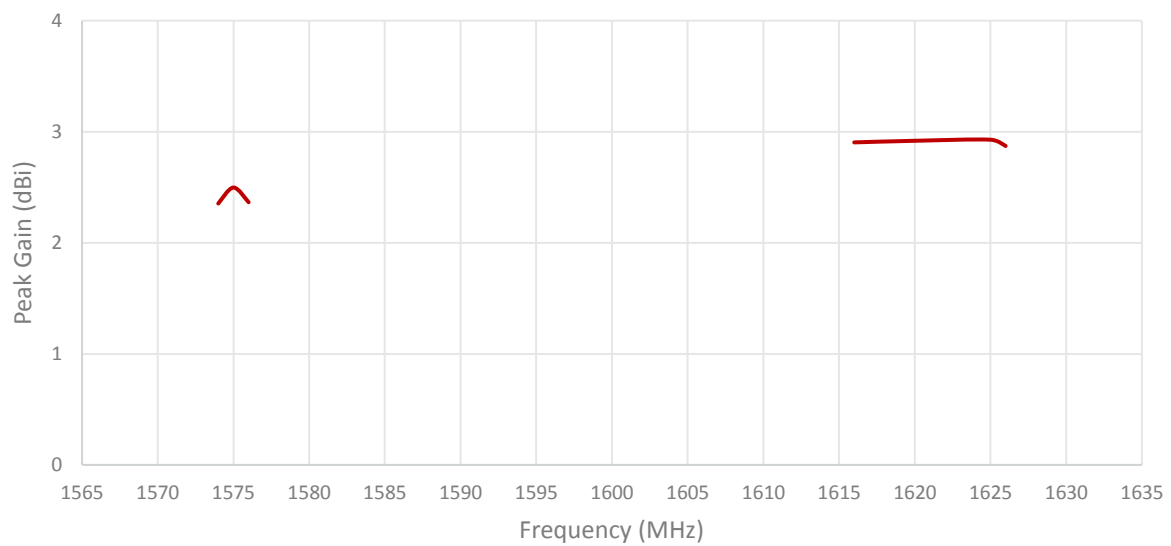
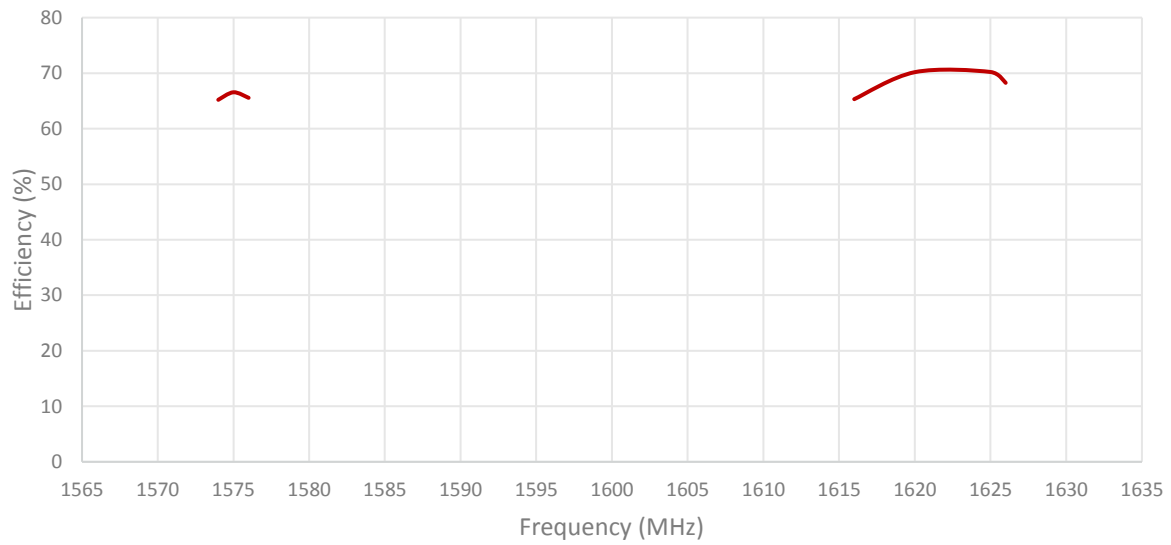
2. Mechanical and environmental specifications

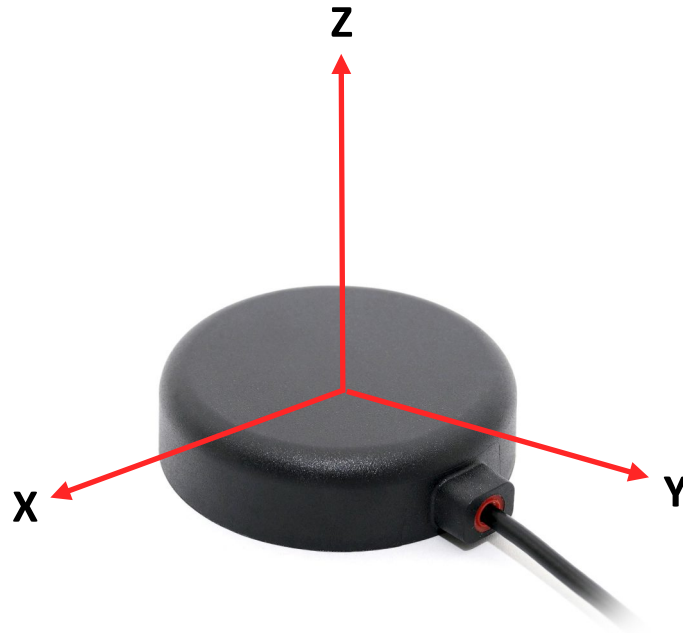
Specifications	2J7434MPz
Mounting Type	Magnetic/Adhesive Mount
Dimensions (mm)	Ø 54 × 14.7
Random Type	PC+ASA
Random Color	Black
Operating Temperature (C)	-40 to +85
Storage Temperature (C)	-40 to +85
Certificates	IP67, IP69, IRIDIUM Certified
Substance Compliance	RoHS

3. Antenna parameters

Cable 1: IRIDIUM/GPS

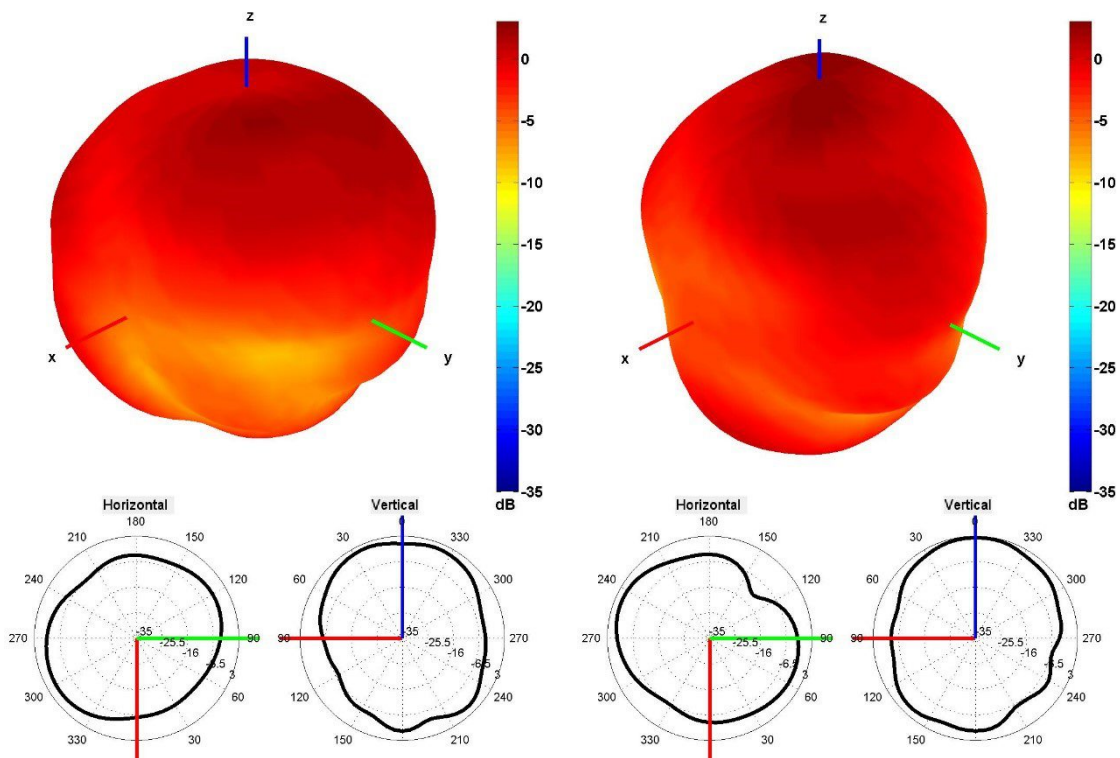






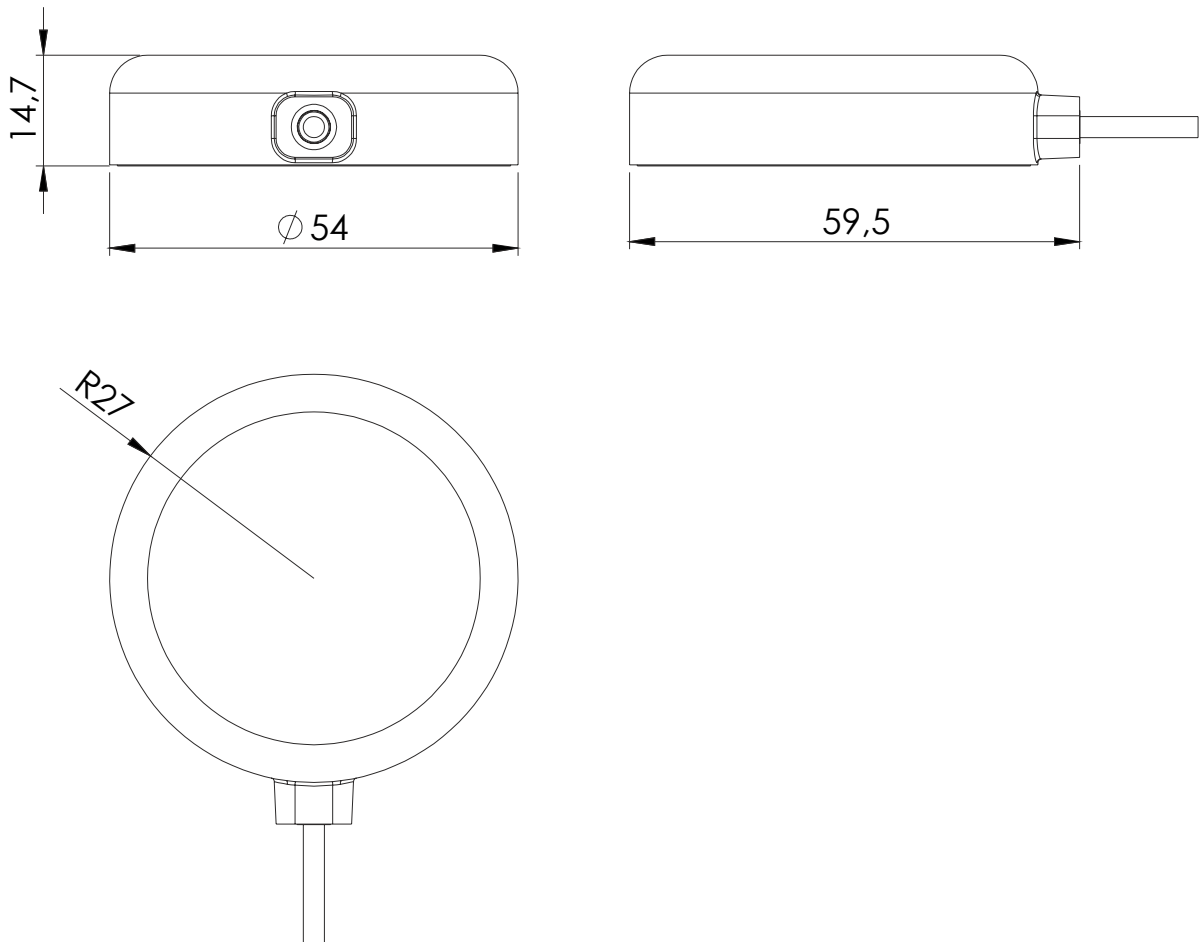
Radiation pattern reference

Cable 1: IRIDIUM/GPS



1575 and 1621 MHz Radiation pattern

4. Antenna drawings



5. Antenna Images



 **iridium**[®]
Certified

