

# 2JP0526B

**IRIDIUM Screw Mount**

Patent Pending

## Key Features

### IRIDIUM

- 1616-1627 MHz

Socket Antenna Module Technology

Screw Mount

High Performance

Iridium Certified

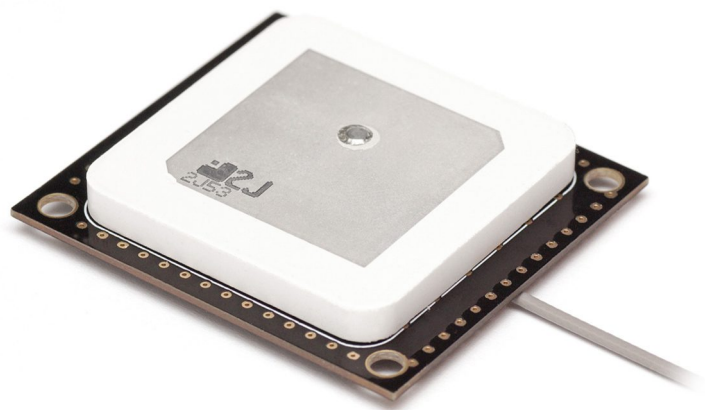
Patent Pending

Screw on Feature on Iridium Module

Ground Plane Independent

Dimensions 46 × 42 × 7.5 mm

Customizable Cable and Connector



## 1. Antenna and electrical specifications

Parameters	IRIDIUM Screw Mount Antenna
Standards	Iridium
Bands (MHz)	1621
Frequency (MHz)	1616-1627
Return Loss (dB)	~-27.3
VSWR	~1.1:1
Efficiency (%)	~84.2
Peak Gain (dBi)	~5.0
Average Gain (dB)	~-0.7
Impedance (Ohms)	50
Axial Ratio (dB)	3 max
Radiation Pattern	Hemispherical
Polarization	RHCP
Connector Type	U.FL Standard (Other Connectors Available)
Cable Length	100 mm Standard (Any Cable Length Available)
Cable Type	1.37 mm Mini-Coax Standard (Other Cables Available)

### Antenna Measurement Conditions:

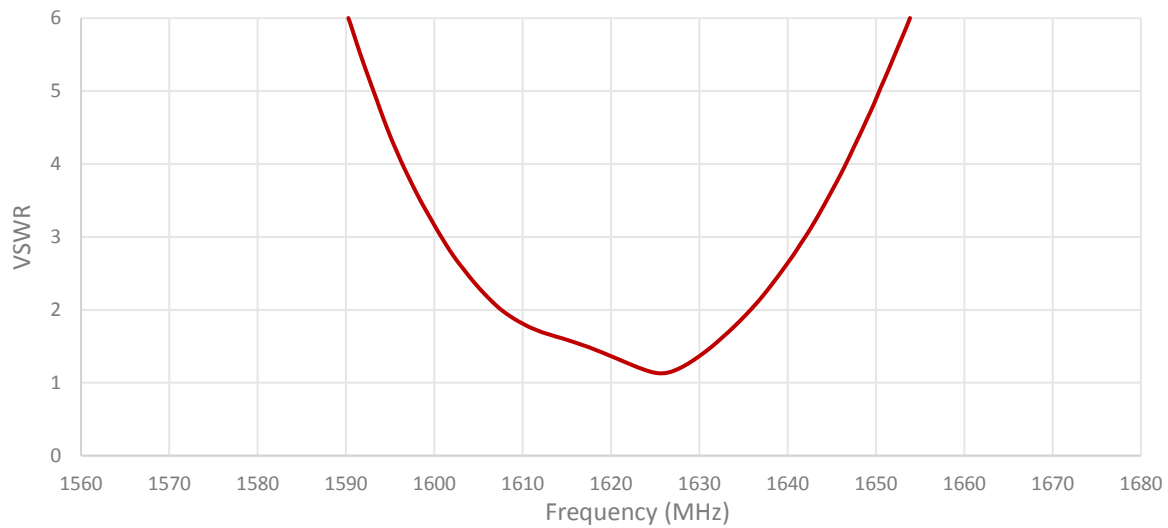
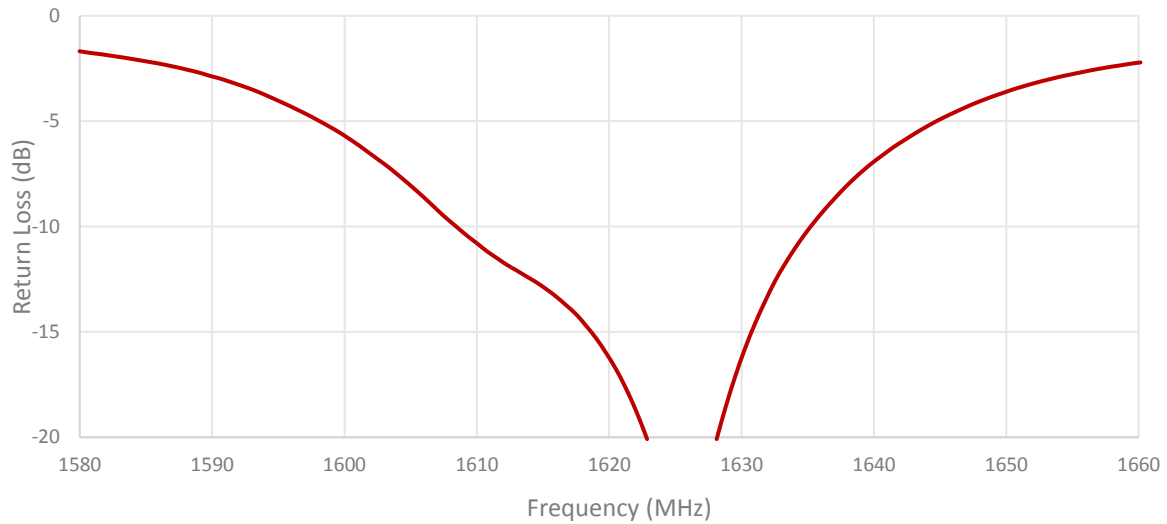
Free Space

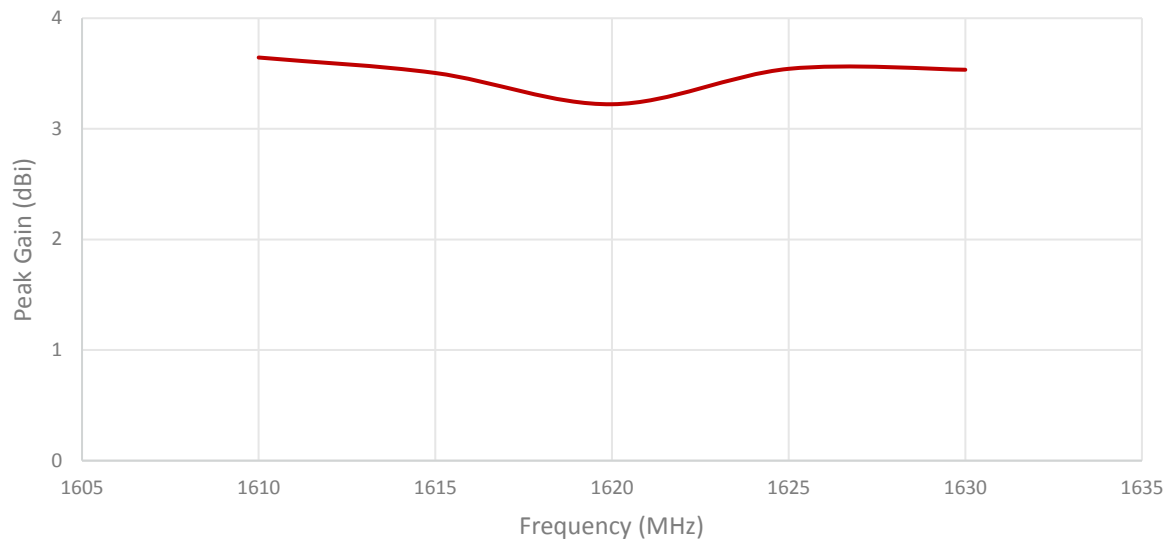
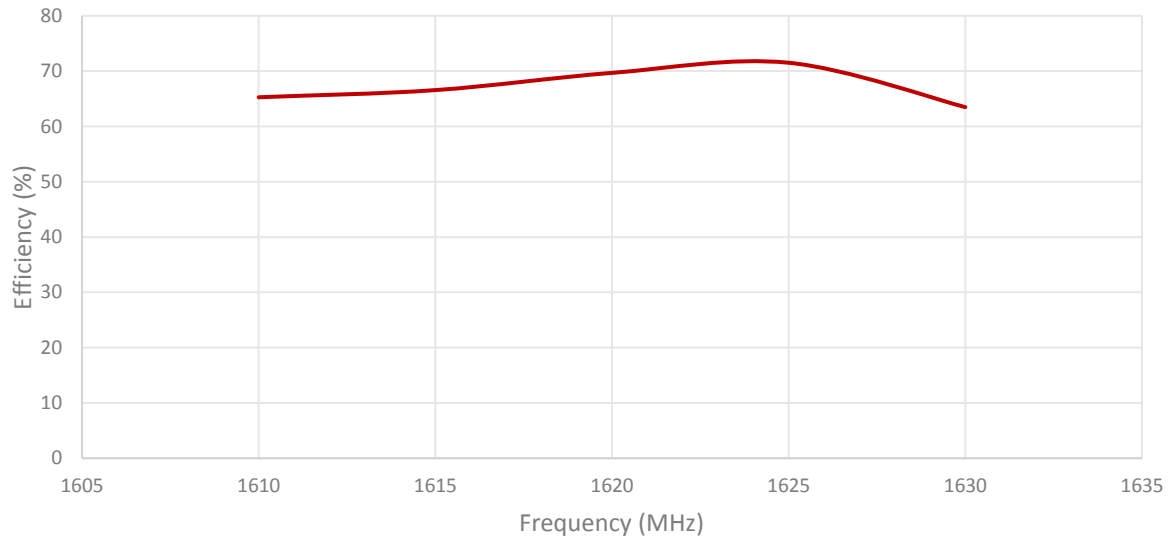
Measured in Certified CTIA 3D Anechoic Chamber

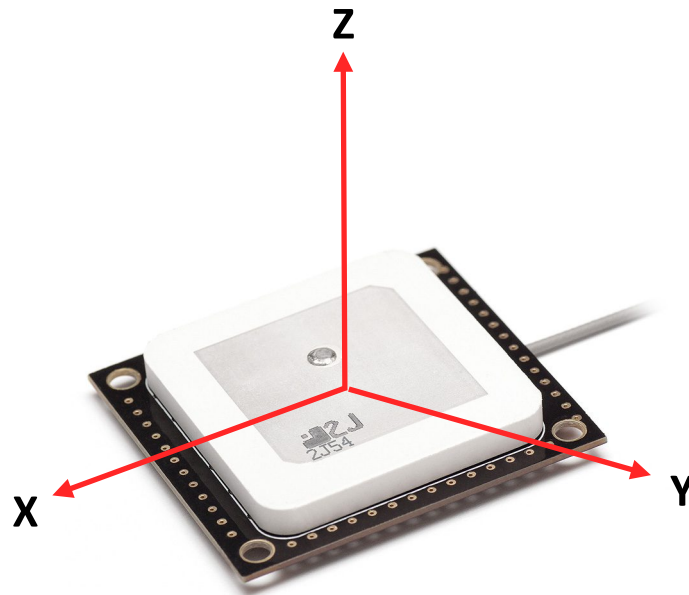
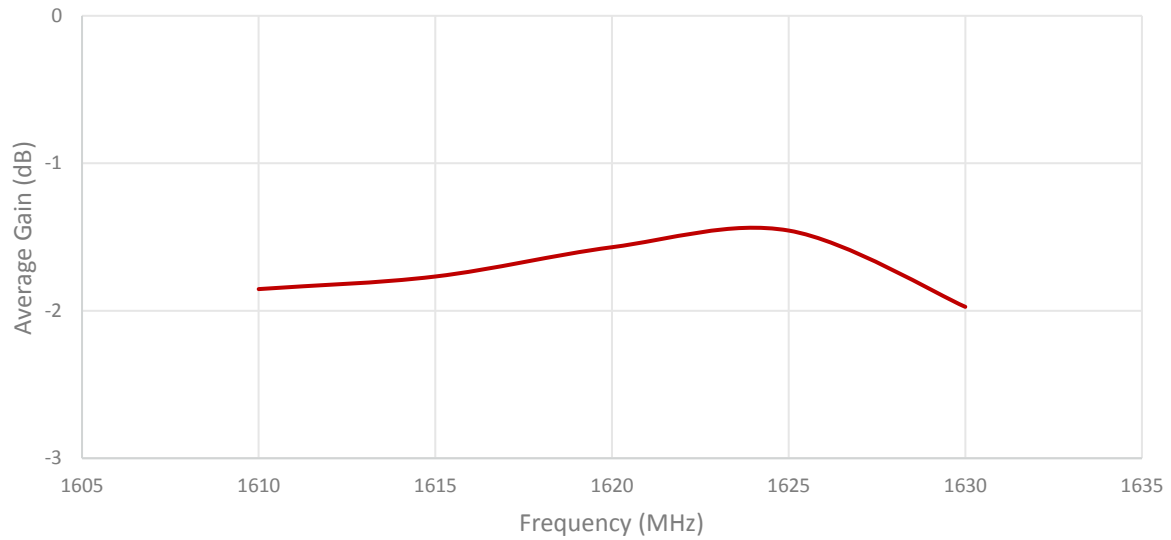
## 2. Mechanical and environmental specifications

Specifications	2JP0526B
Mounting Type	Screw Mount
Dimensions (mm)	46 × 42 × 7.5
Operating Temperature (C)	-40 to +85
Storage Temperature (C)	-40 to +85
Substance Compliance	RoHS
Certificates	Iridium Certified

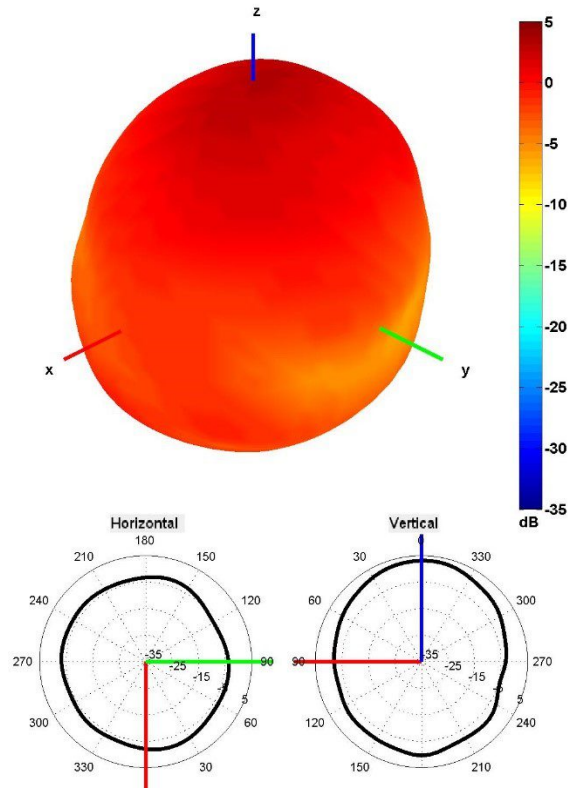
## 3. Antenna parameters





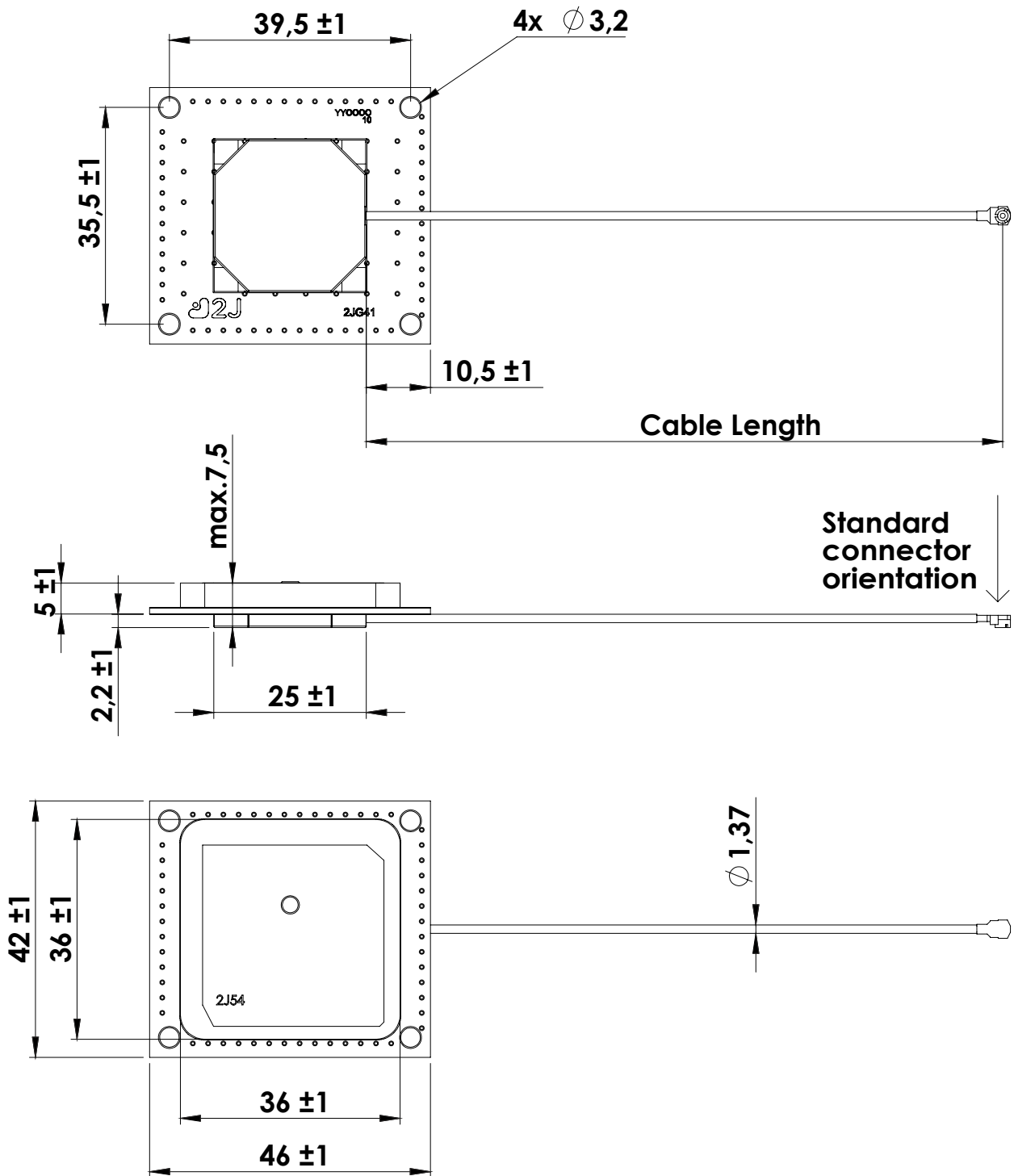


Radiation pattern reference

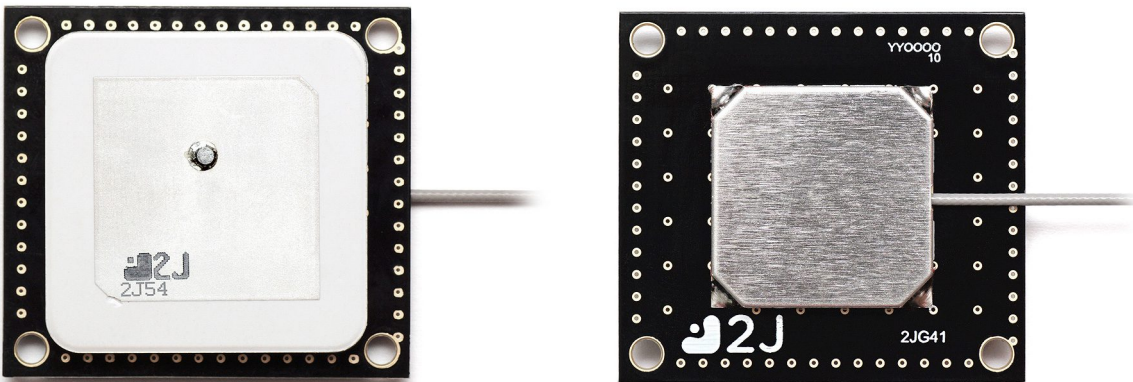
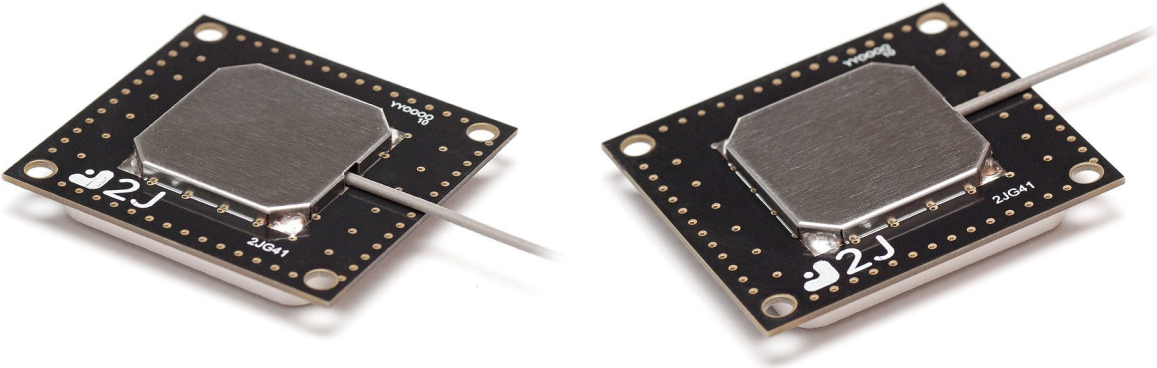
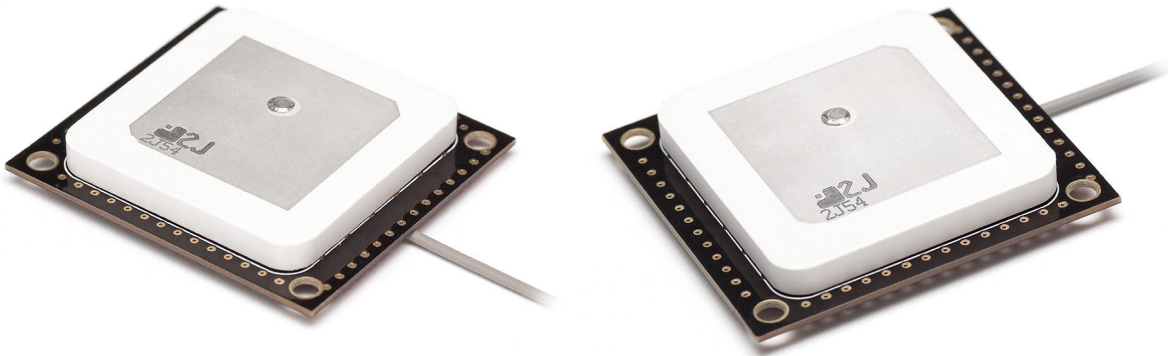


1621 MHz Radiation pattern

## 4. Antenna drawings



## 5. Antenna Images





## 6. Antenna Application Examples

