

2JP0526Bz

IRIDIUM Screw Mount

Patent Pending

Key Features

IRIDIUM

- 1616-1627 MHz

Socket Antenna Module Technology

Screw Mount

High Performance

Iridium Certified

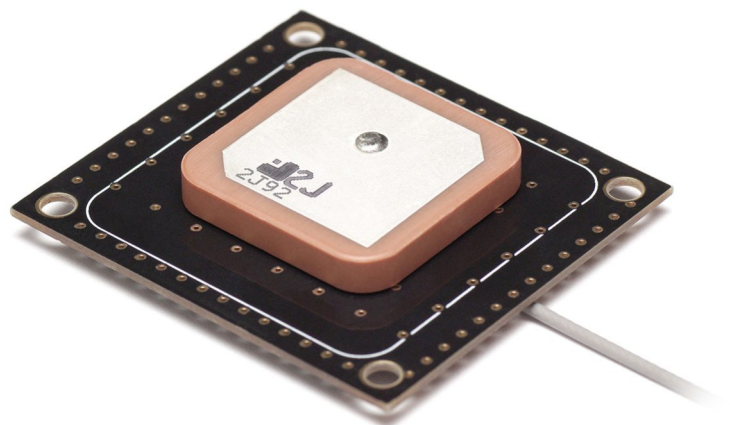
Patent Pending

Screw on Feature on Iridium Module

Ground Plane Independent

Dimensions 46 × 42 × 7.8 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) | ~-14.8 |
| VSWR | ~1.5:1 |
| Efficiency (%) | ~70.5 |
| Peak Gain (dBi) | ~3.5 |
| Average Gain (dB) | ~-1.6 |
| 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:

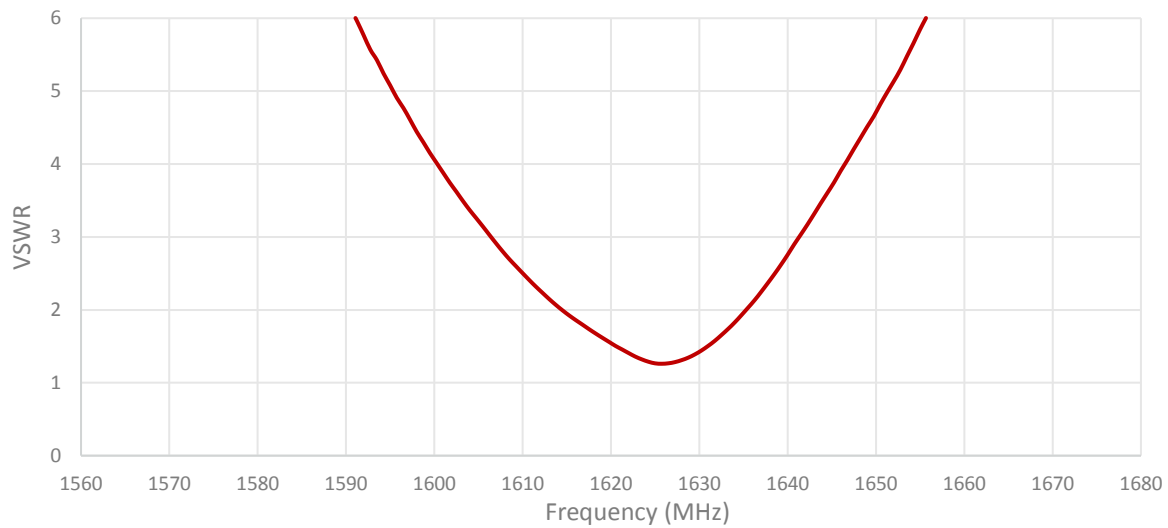
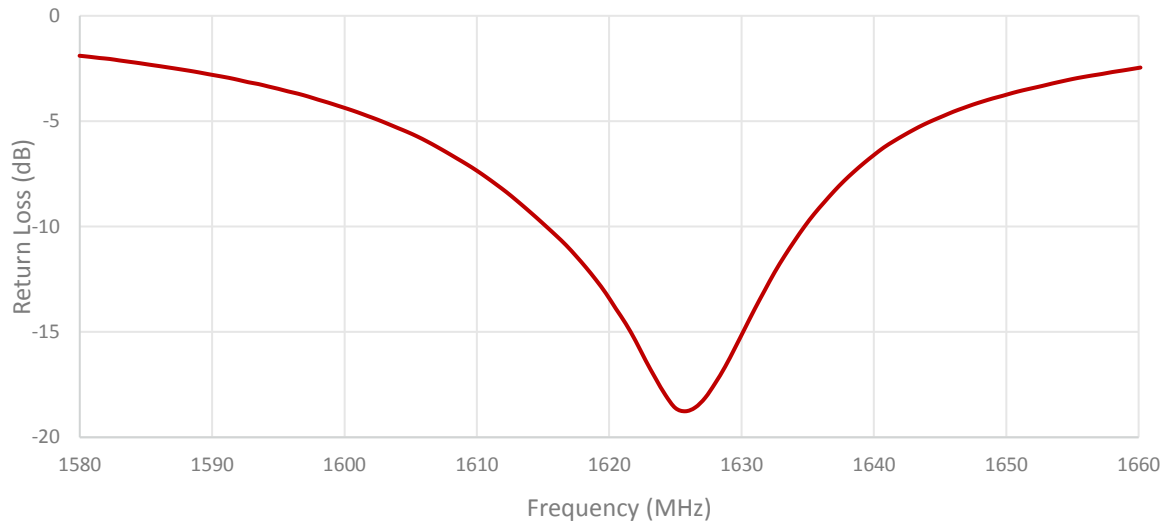
Free Space

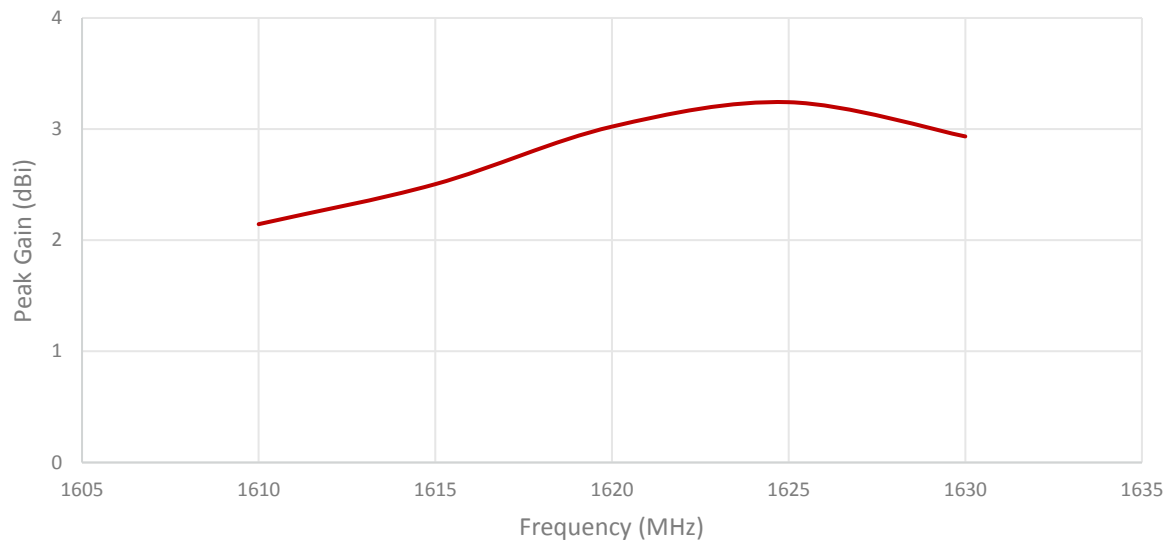
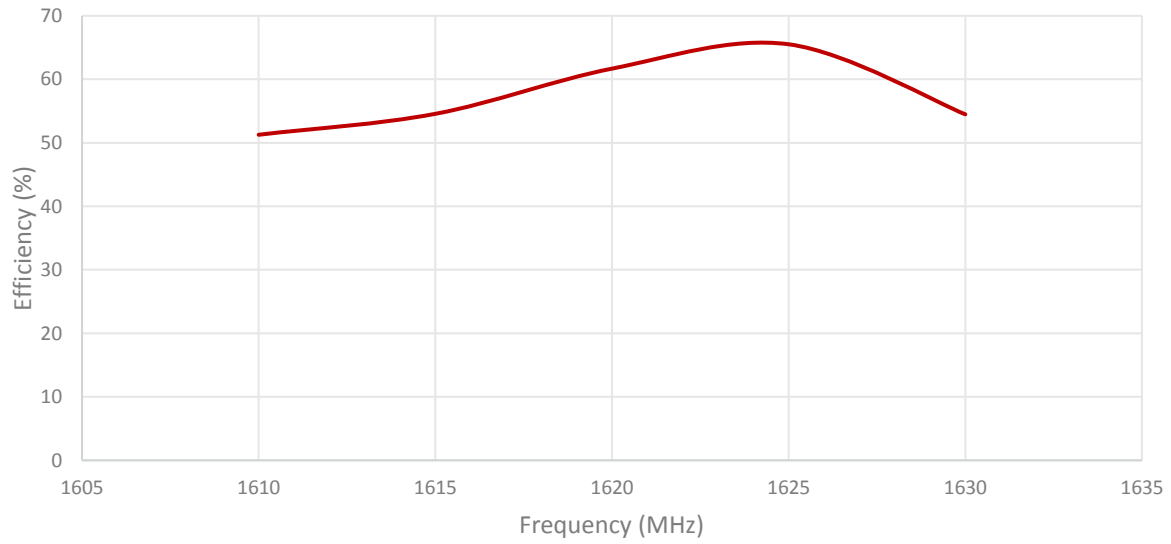
Measured in Certified CTIA 3D Anechoic Chamber

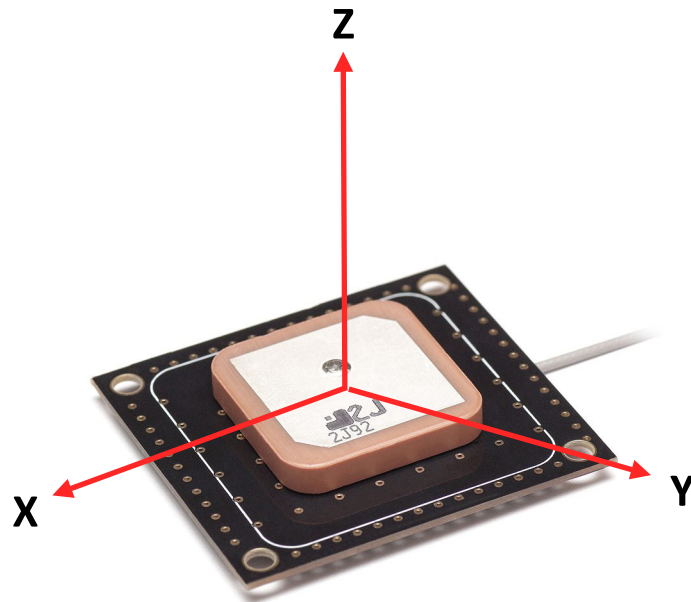
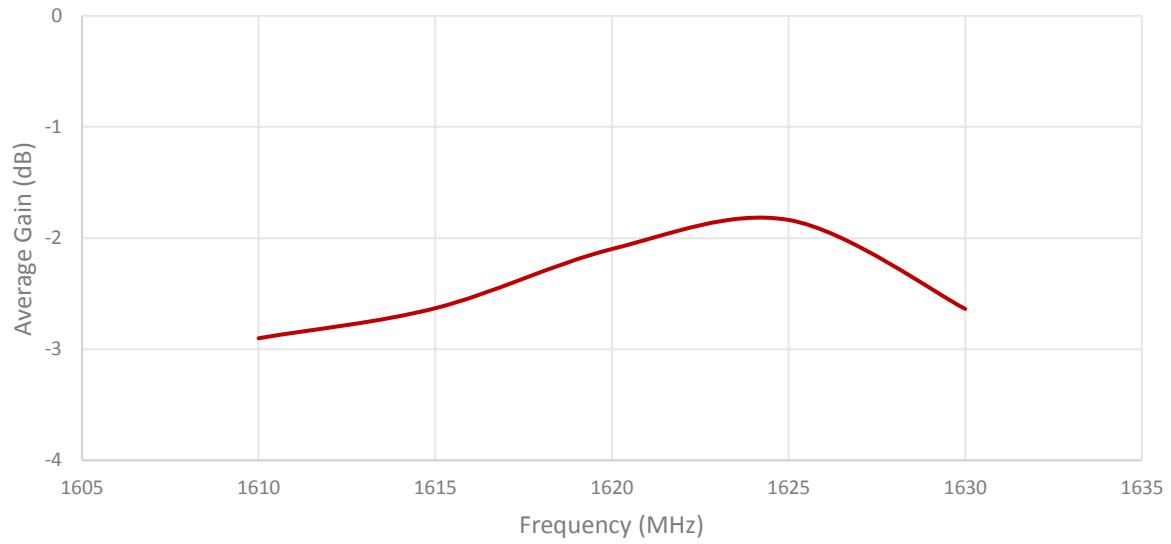
2. Mechanical and environmental specifications

| Specifications | 2JP0526Bz |
|---------------------------|-------------------|
| Mounting Type | Screw Mount |
| Dimensions (mm) | 46 × 42 × 7.8 |
| Operating Temperature (C) | -40 to +85 |
| Storage Temperature (C) | -40 to +85 |
| Substance Compliance | RoHS |
| Certificates | Iridium Certified |

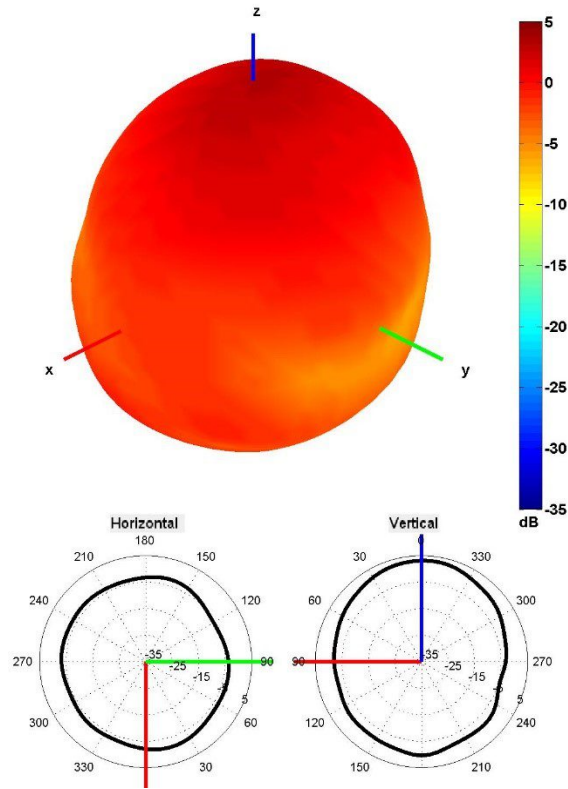
3. Antenna parameters





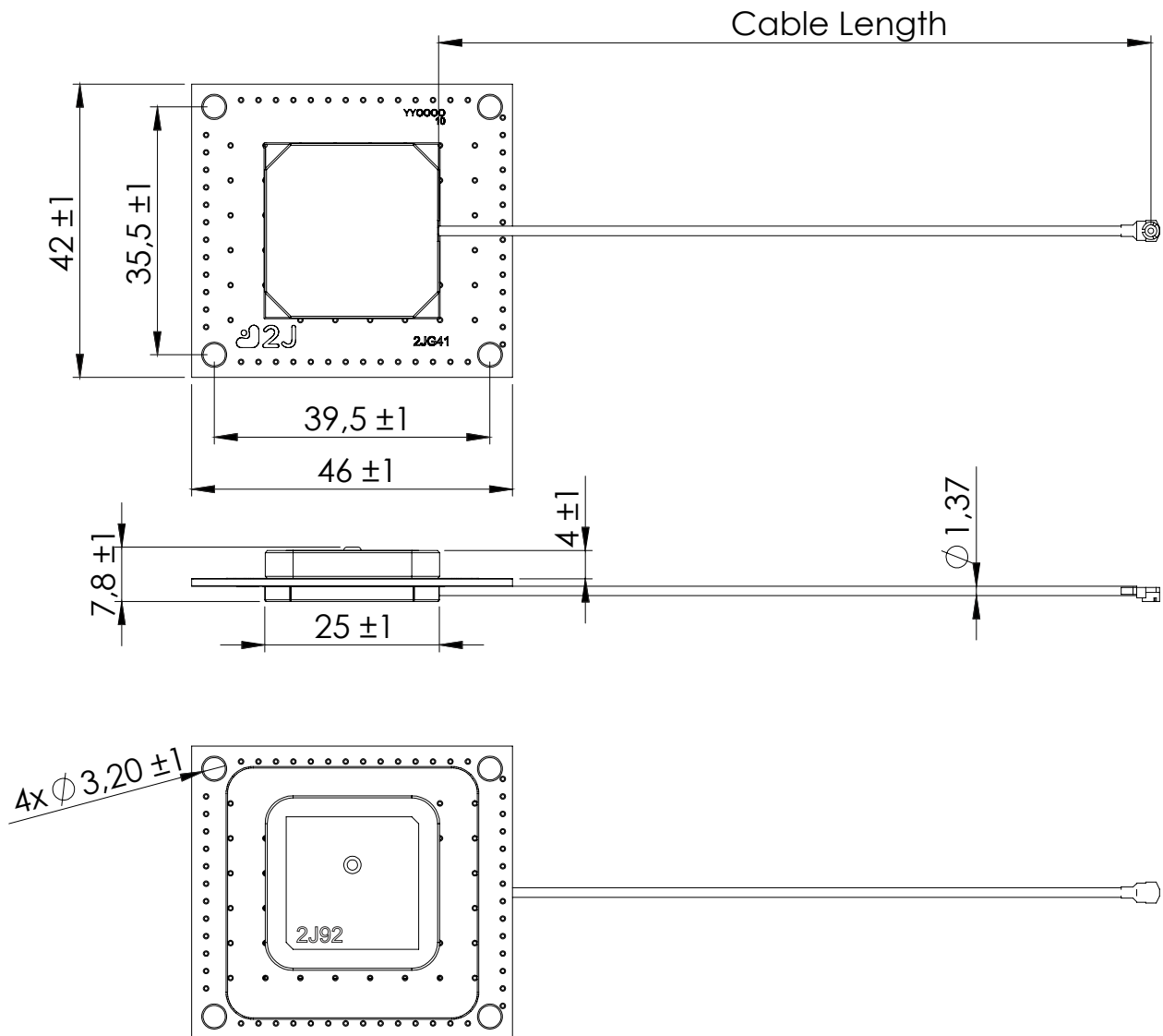


Radiation pattern reference

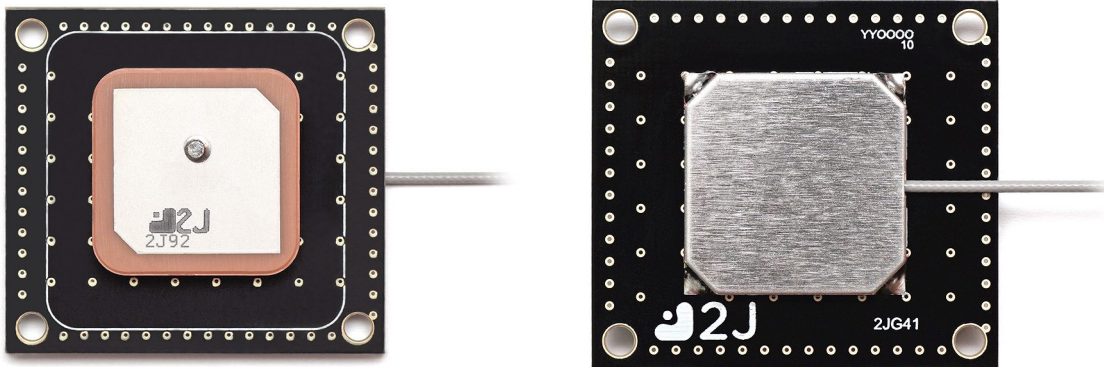
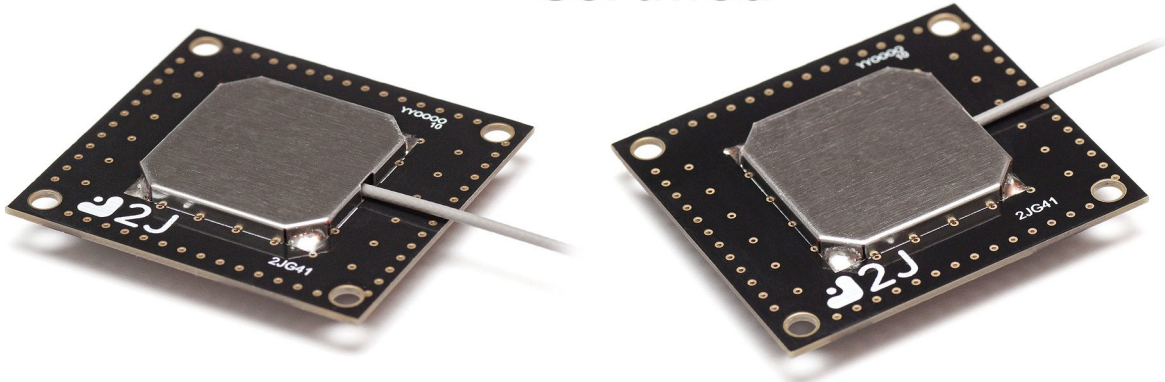
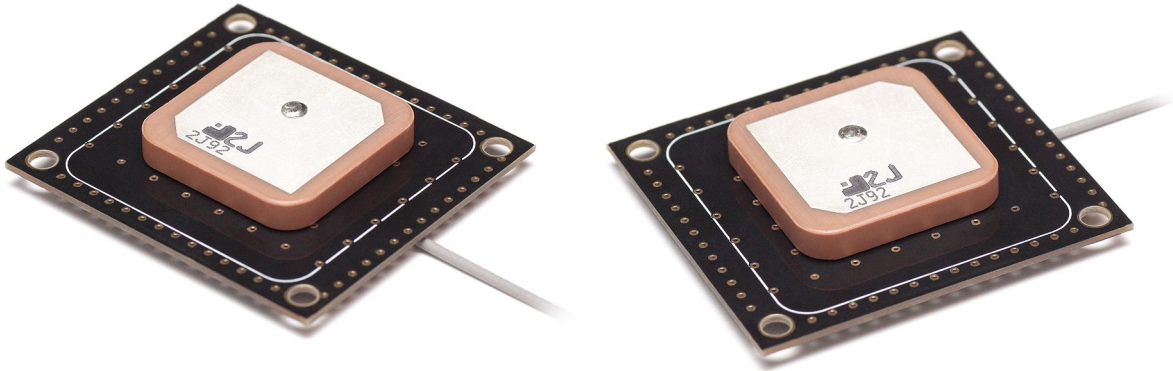


1621 MHz Radiation pattern

4. Antenna drawings



5. Antenna Images



6. Antenna Application Examples

