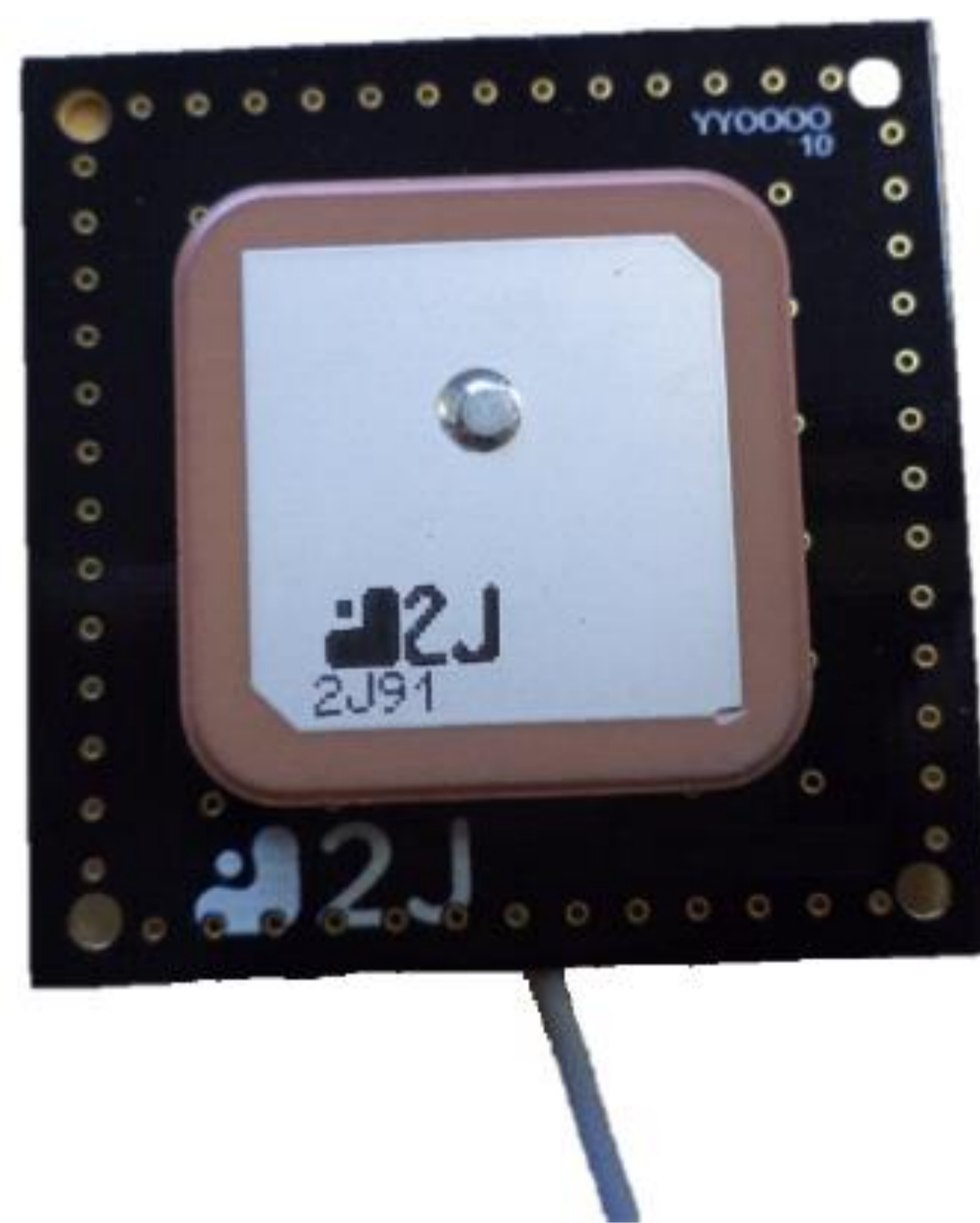


2JP0226B

IRIDIUM Screw Mount



Multiband Antennas Limited. 36 Fitzwilliam Square West, Dublin D02 HX82, Ireland Vat No: IE 6357511U www.multiband-antennas.com info@multiband-antennas.com

FEATURES

- Ground Plane Independent
- High Performance
- Iridium (1616-1627 MHz)
- 46 x 42 x 7.6 mm
- Customizable Cable and Connector

ANTENNA AND ELECTRICAL SPECIFICATIONS

| Iridium Ceramic Antenna | |
|-------------------------|---|
| Standard | Iridium |
| Band (MHz) | 1621 |
| Frequency(MHz) | 1616-1627 |
| Return Loss (dB) | ~-15.6 |
| VSWR | ~1.4:1 |
| Efficiency (%) | ~70 |
| Peak Gain (dBic) | ~3.4 |
| Average Gain (dB) | ~-1.6 |
| Impedance | 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 | 1.13 mm Mini-Coax Standard (Other Cables Available) |

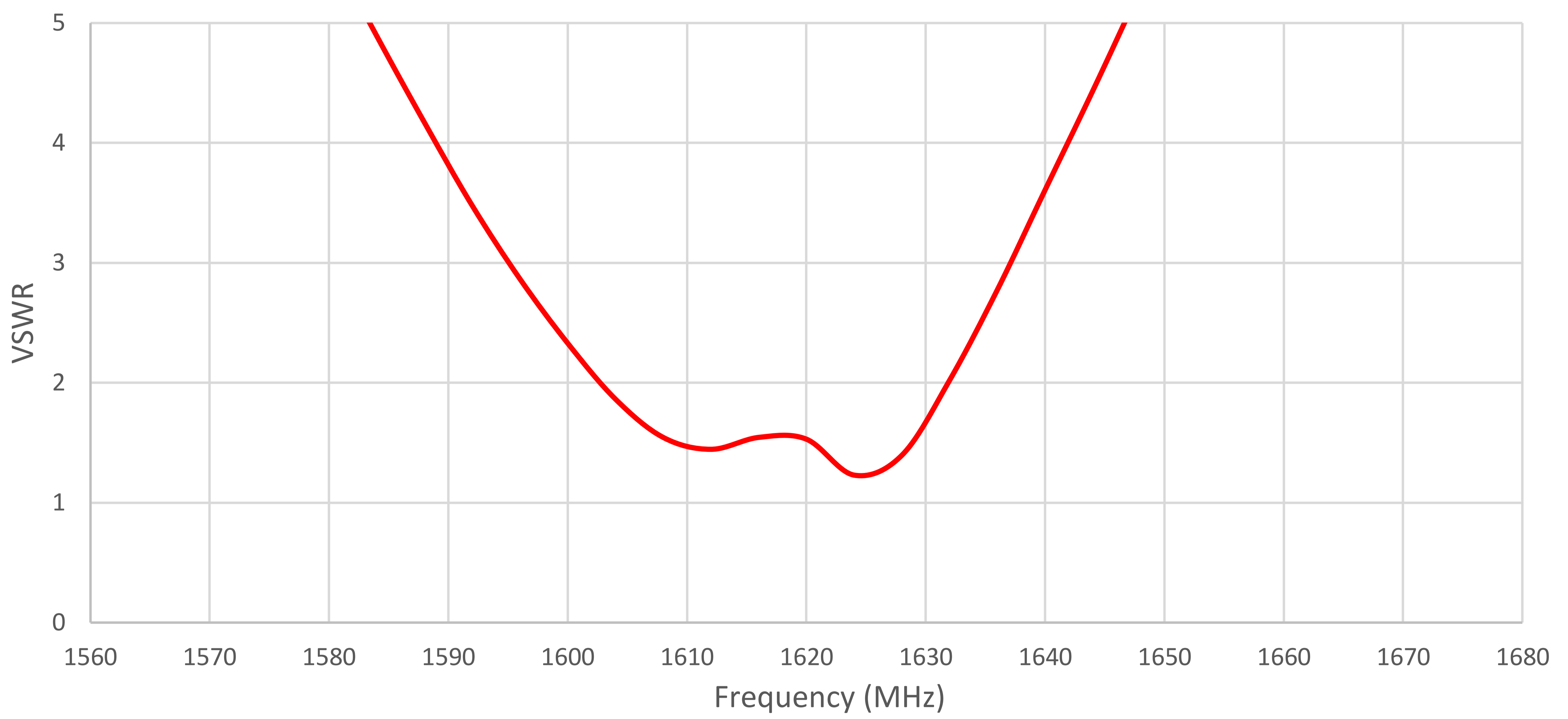
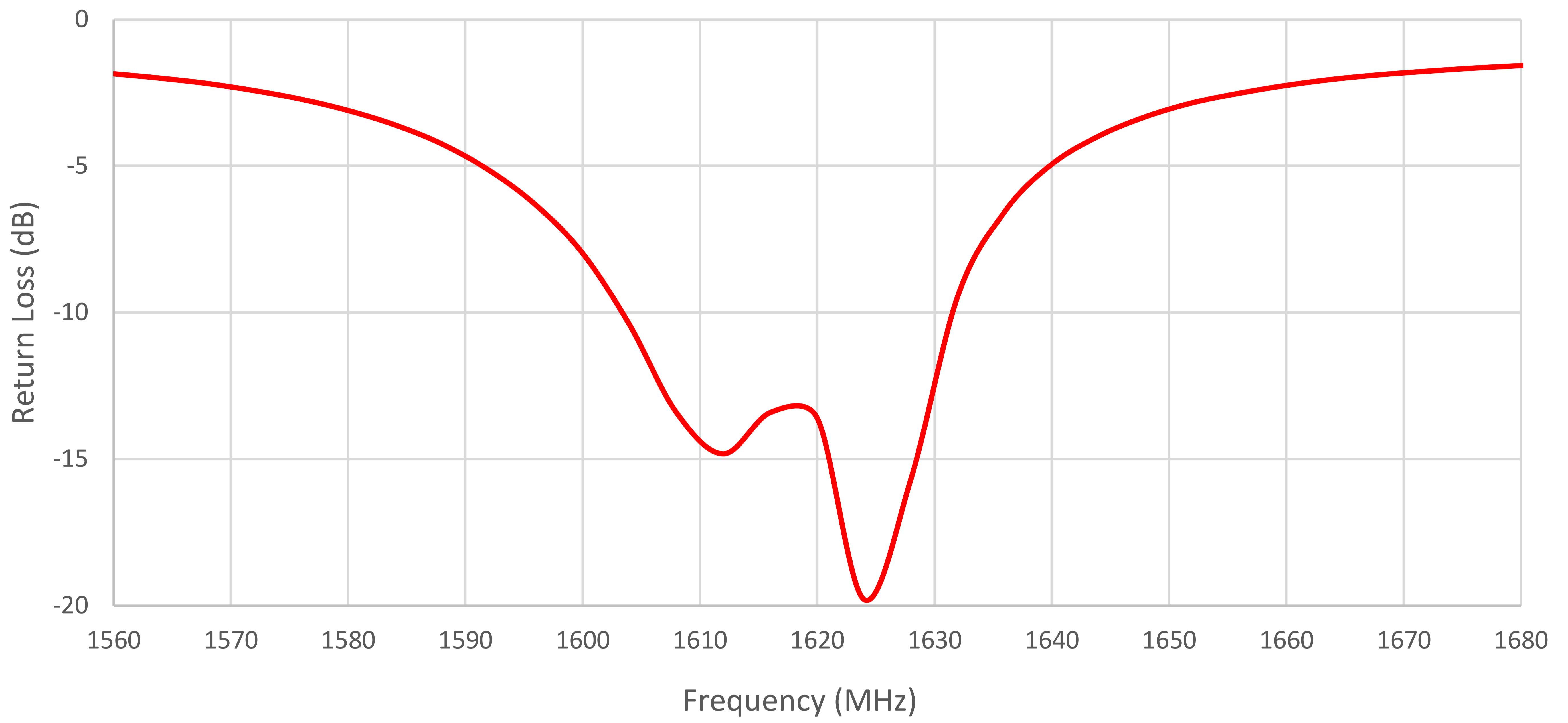
Antenna Measurement Conditions

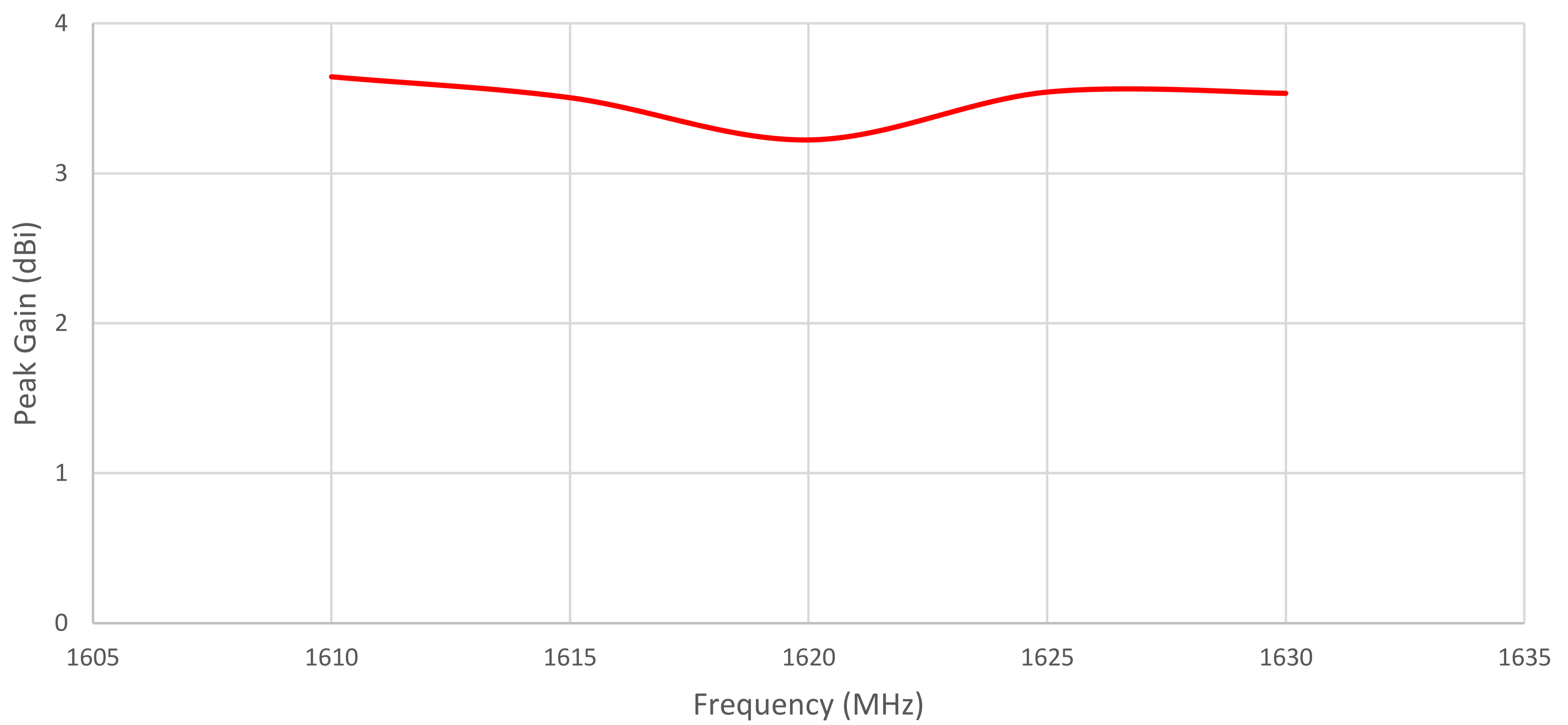
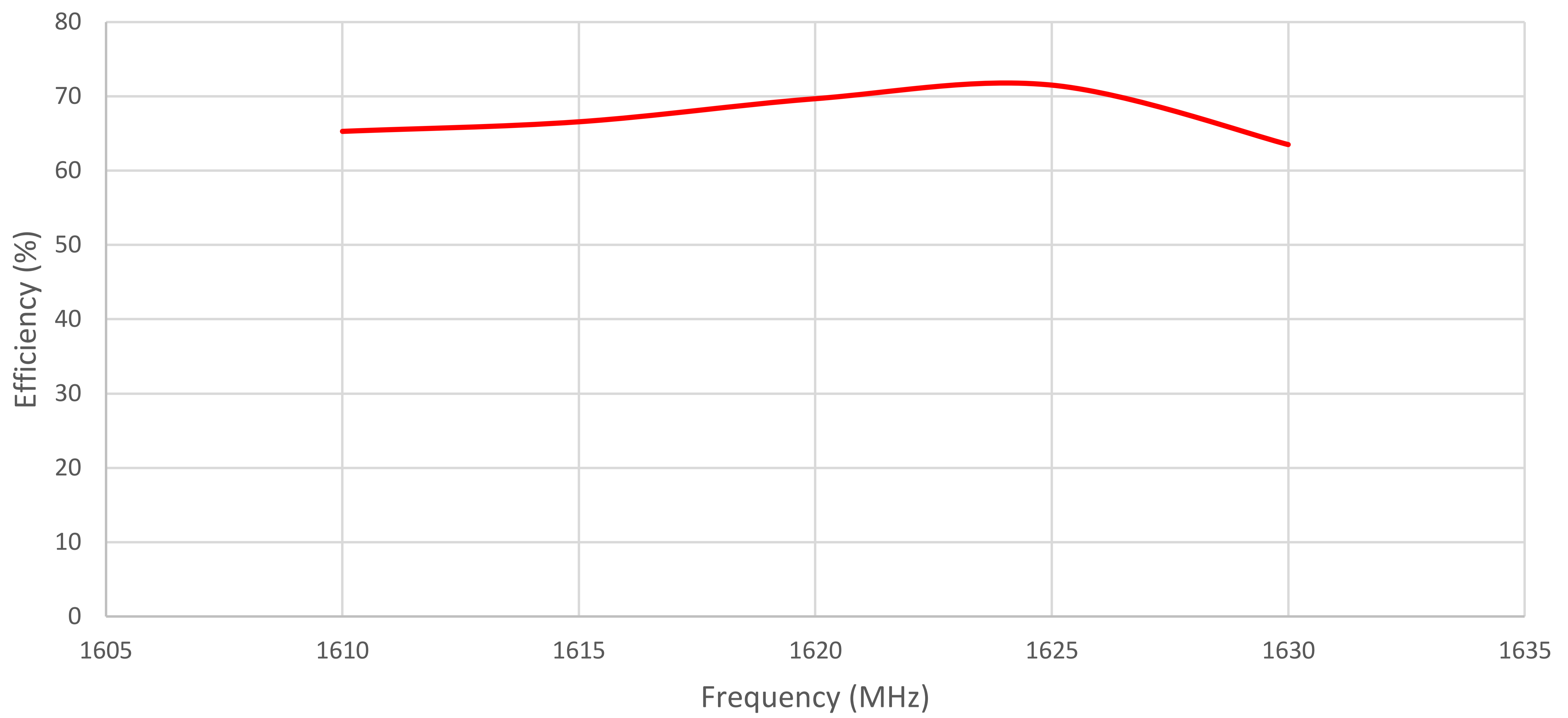
Mounted on Ground Plane of 46 x 42 mm
Measured in Certified CTIA 3D Anechoic Chamber

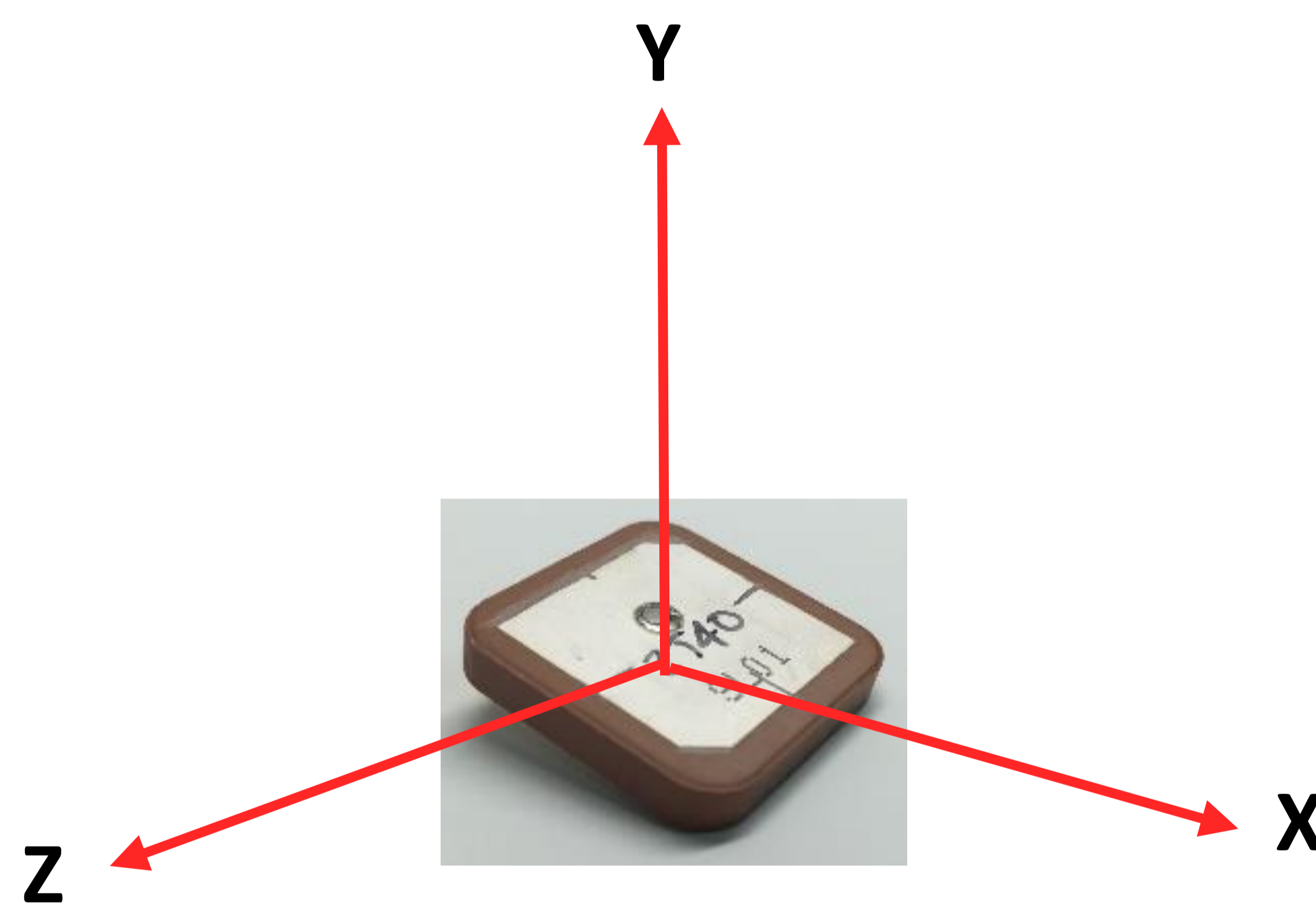
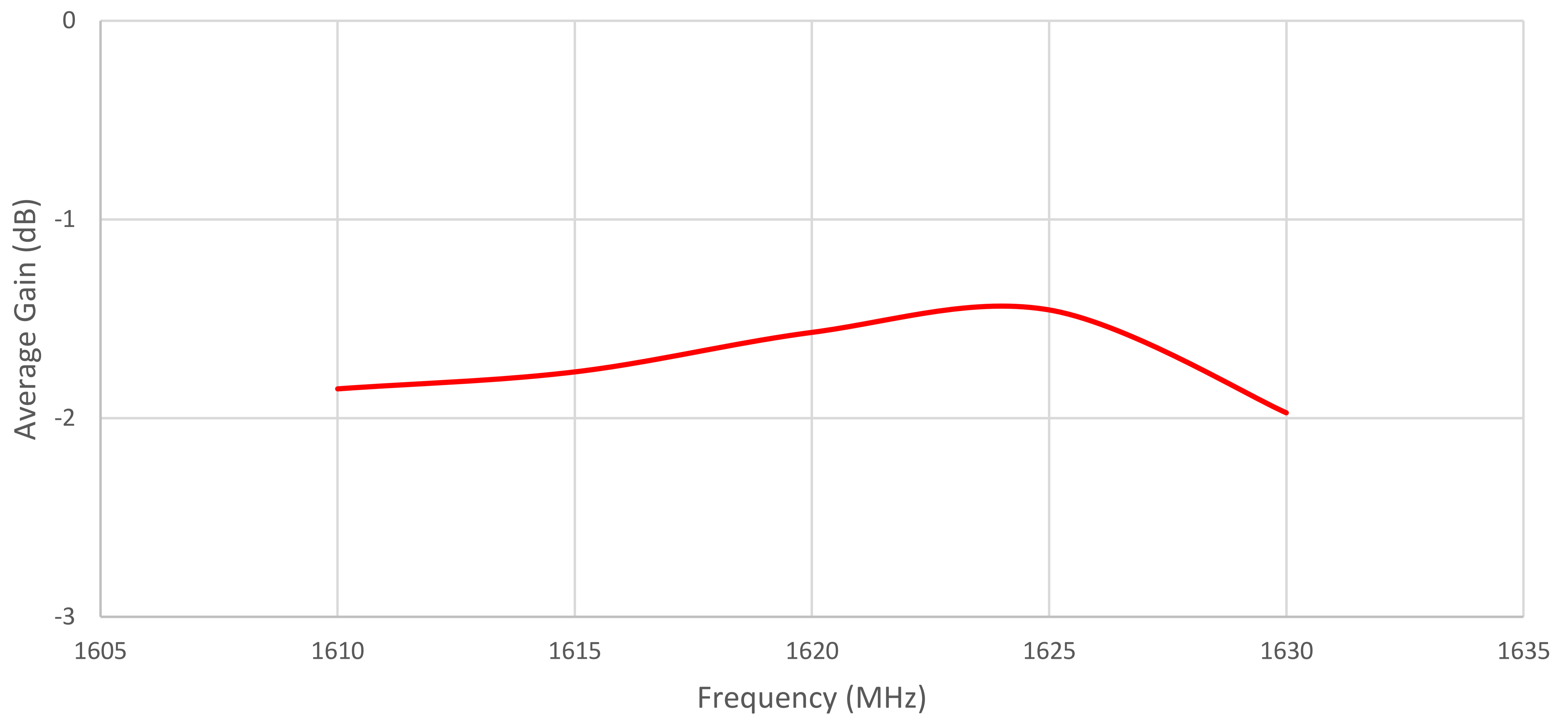
MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS

| Specification | 2JP0226B |
|---------------------------|----------------|
| Dimensions (mm) | 46 x 42 x 7 mm |
| Operating Temperature (C) | -40 to +85 |
| Storage Temperature (C) | -40 to +85 |
| Substance Compliance | RoHS |

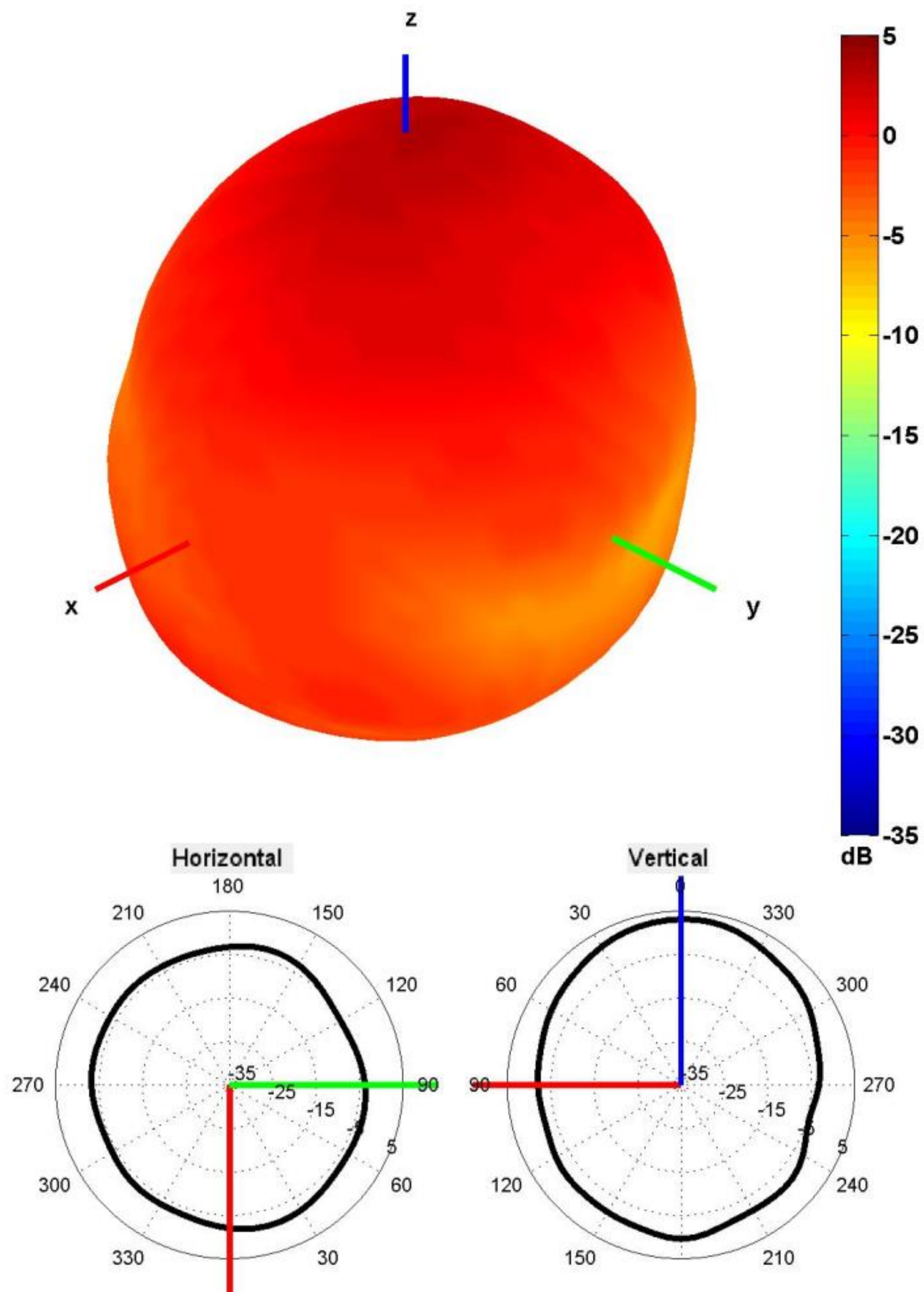
ANTENNA PARAMETERS







RADIATION PATTERN REFERENCE



1621 MHz RADIATION PATTERN

ANTENNA DRAWINGS

ANTENNA IMAGES



