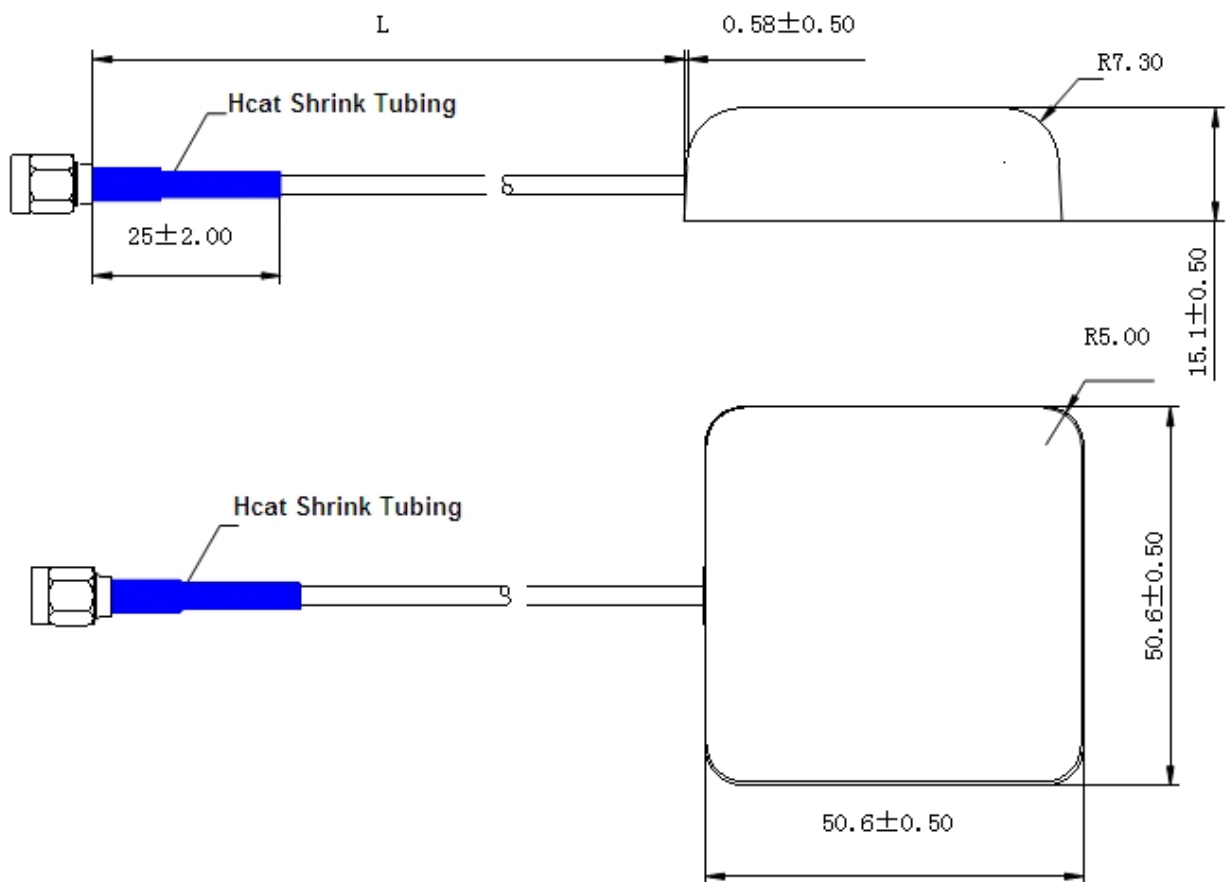


# Iridium Antenna

Part Number: VTIA-2



## 1 Dimension (Unit: mm)



## 2 Electrical Characteristics

### 2.1 LNA/Filter

Form 1

| No. | Item | Specifications | Post Environmental Tolerance |
|-----|------|----------------|------------------------------|
|-----|------|----------------|------------------------------|

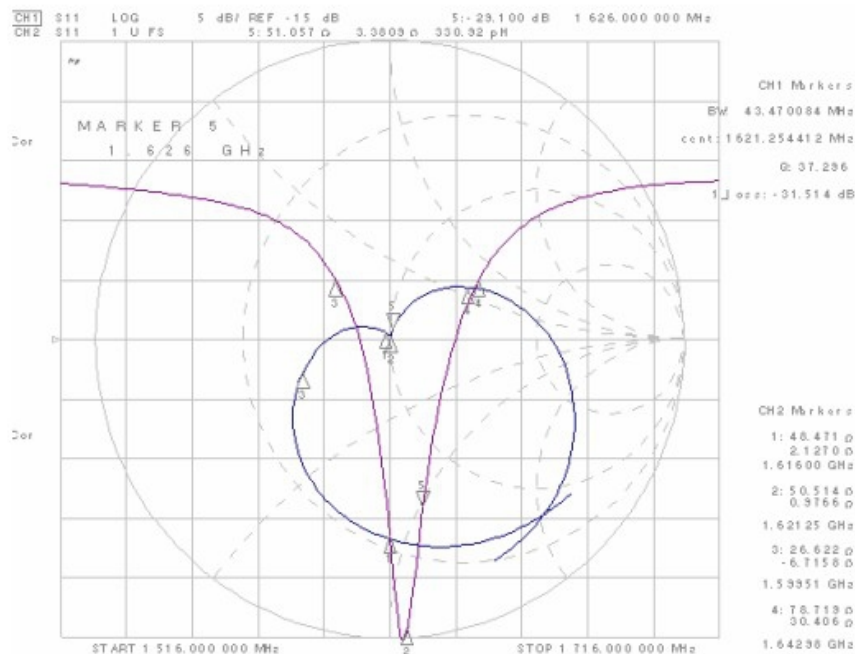
|   |                        |             |              |
|---|------------------------|-------------|--------------|
| 1 | Center Frequency (MHz) | 1621.MHz    | $\pm 5$ MHz  |
| 2 | Band Width (MHz)       | >40MHz      | $\pm 1$ MHz  |
| 3 | V.S.W.R (in BW)        | 1.5 : 1     | —            |
| 4 | Gain (Zenith)          | 5 dB        | $\pm 0.5$ dB |
| 5 | Polarization           | RHCP        | —            |
| 6 | Impedance              | 50 $\Omega$ | —            |

2.3 Mechanical

Form 3

| No. | Item            | Specification         |
|-----|-----------------|-----------------------|
| 1   | Cable           | RG174 3m/5m or others |
| 2   | Connector       | SMA/SMB/MCX or others |
| 3   | Plastic Housing | Black                 |

3、Patch Test curve



1、 This product specification guarantees the quality of our product as a single unit. Please make sure that your product is evaluated and confirmed

against your specifications when our product is mounted to your product.

2、 The product will get free warranty for three months since the date of purchase users operate in the correct way; users will have to pay cost of the materials and maintaining fee out of the condition.

3、 Electrostatic sensitive device. Observe precautions for handling