

BD+GPS+GLONASS Built-in Ceramic Antenna

Part Number: GPS0031
Manufacturing Date: 2023.8.30

1. Product Technical Specifications

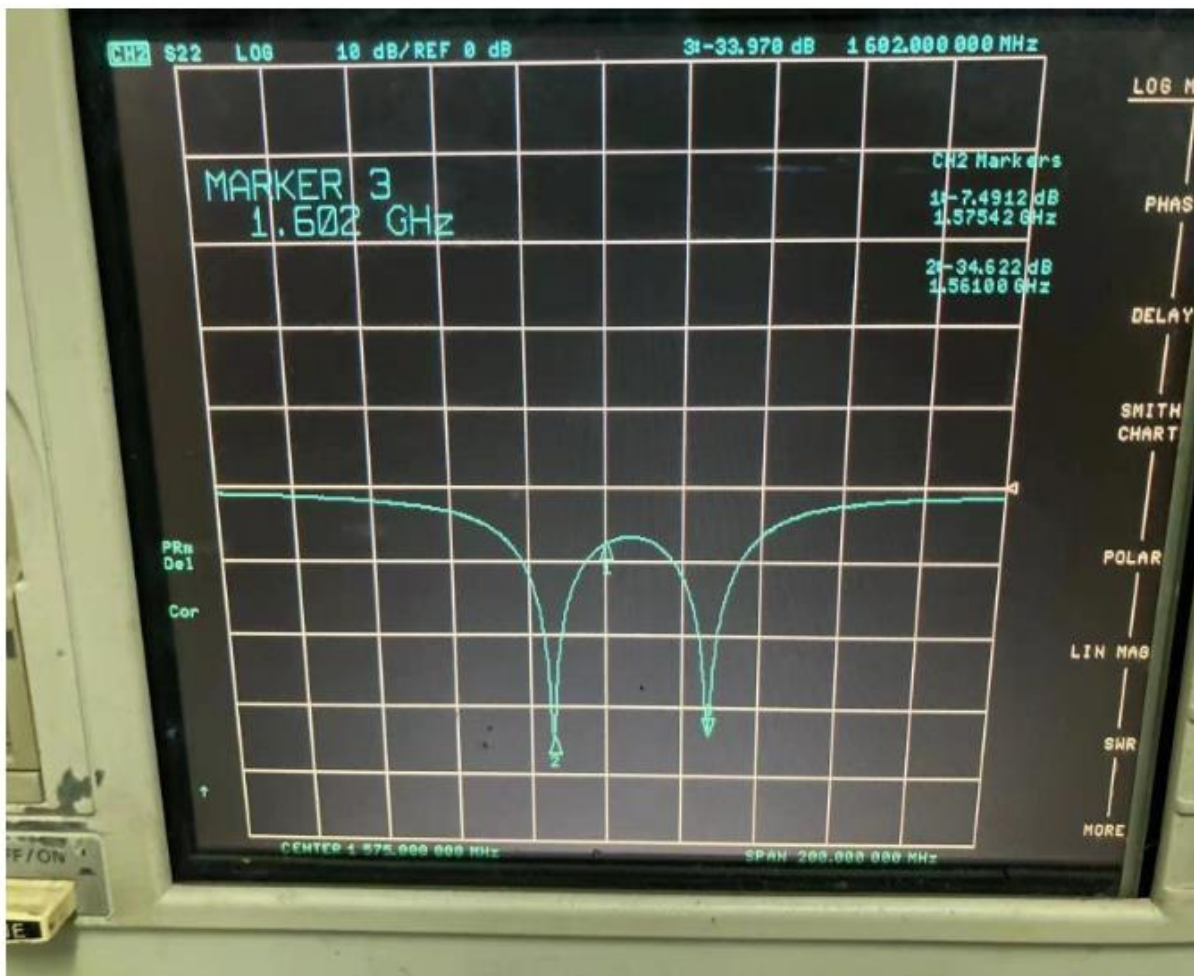
GPS+BD+GNSS Electrical Specifications

- **Center Frequency (MHz):**
 - GPS: 1575.42 ± 2 MHz
 - BD: 1561 ± 2 MHz
 - GLONASS: 1602.56 ± 2 MHz
- **Gain (dBi):** $14 \text{ dBi} \pm 2$ (LNA Amplifier)
- **Input Impedance (Ω):** 50Ω
- **V.S.W.R:** Reference Test Data
- **Power Consumption:** $< 10 \text{ mA}$
- **Polarization:** R.H.C.P
- **Supply Voltage:** DC $3.3 \sim 5.0 \text{ V}$
- **Noise Figure:** $\leq 1.5 \text{ dB}$
- **Axial Ratio:** 3 dB
- **Maximum Input Power (W):** 50
- **Operating Temperature:** -35°C to $+75^{\circ}\text{C}$
- **Storage Temperature:** -35°C to $+75^{\circ}\text{C}$
- **Cable Length (mm):** 100 mm
- **Connector Type:** IPEX Head
- **Dimensions (mm):** 25x25x8 mm

2. Product Image



3. VSWR Test Graph



Satellite Acquisition Test Graph

