



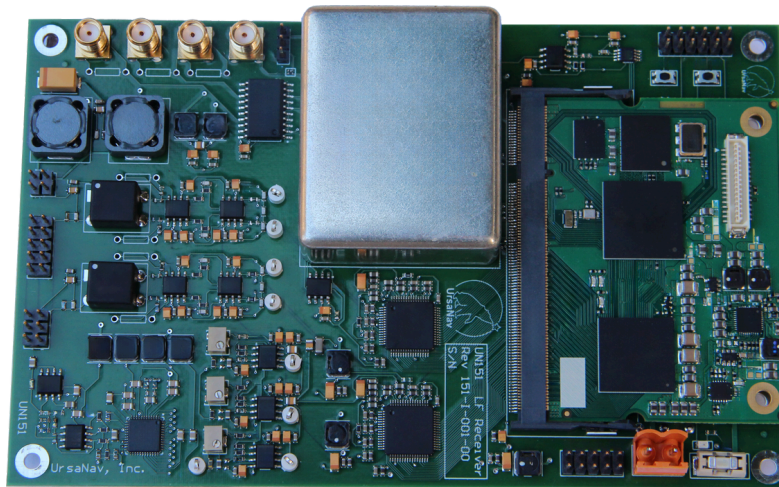
UrsaNav[®] UN-151 Ursa Mitigator[™] OEM Receiver Module

GENERAL OVERVIEW

Our latest version Ursa Mitigator[™] OEM receiver module provides precise Positioning, Navigation, and Timing (PNT), Frequency, and Data Channel demodulation from Loran-C, Enhanced Loran (eLoran), Chayka, or other LF/MF sources (e.g., WWV, DCF77). Built-in futureproofing allows reception of next generation LF signals that incorporate advanced waveform generation and modulation techniques, multiple frequency transmissions, and enhanced data channel capacity.

PRODUCT HIGHLIGHTS

- Small form-factor
- NEMA messaging
- Complete range of integration capabilities
- Software configurable
- Intuitive, user-friendly graphical interface
- H-field or E-field antenna input
- External clock input



UN-151 Ursa Mitigator[™] OEM Receiver Module

KEY FEATURES

- Precise UTC time & Statum-1 frequency recovery
- GPS/GNSS integration
- Software Defined Radio (SDR) integration
- Secure data communications
- Differential reference station processing
- Integrity monitoring
- ASF measurement
- General purpose positioning and navigation

SPECIFICATIONS

| | |
|--------------------------|---|
| POWER SOURCE | 5 VDC INPUT |
| COMPATIBILITY | LORAN-C OR ELORAN, CHAYKA |
| LORAN DATA CHANNEL (LDC) | EUROFIX, 9 TH AND 10 TH PULSE |
| INPUTS/ OUTPUTS | 1 PPS, 10 MHZ |
| CONNECTIVITY | SERIAL |