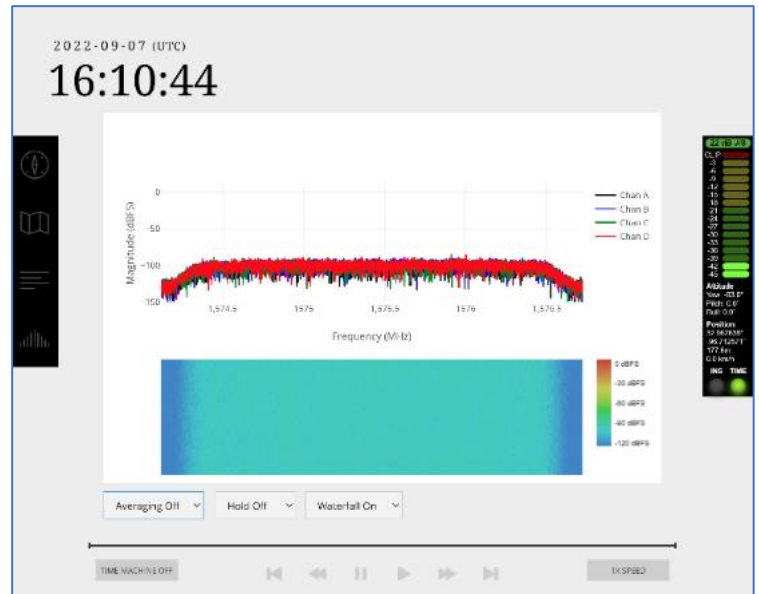
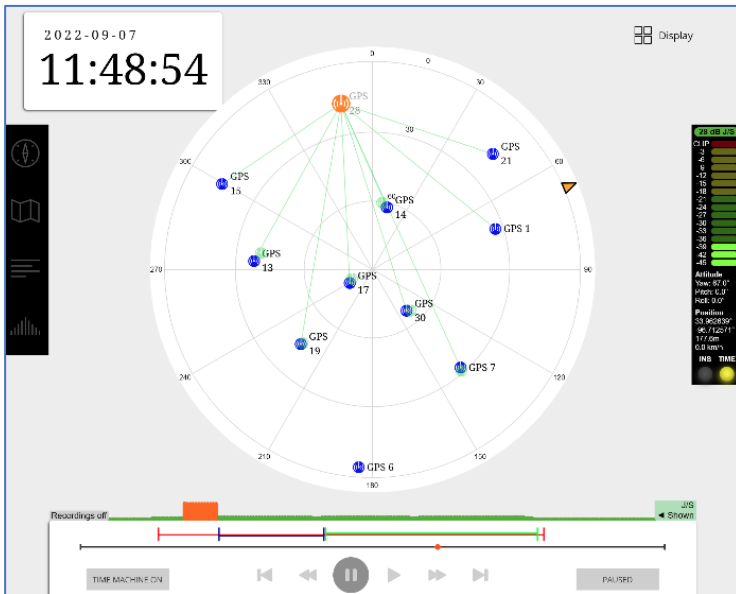




## THE LEADER IN DETECTION AND MITIGATION OF GPS SPOOFING

# UHU1000

The UHU1000 enables the use of GPS even in the presence of advanced GPS attacks (both jamming and spoofing) while simultaneously locating the attacker. The UHU1000 performs both the NAVWAR mission (determines where the attack is coming from) and the APNT mission (automatically eliminates/nulls the attacker spatially, protecting both position and time).



Situational Awareness GUI

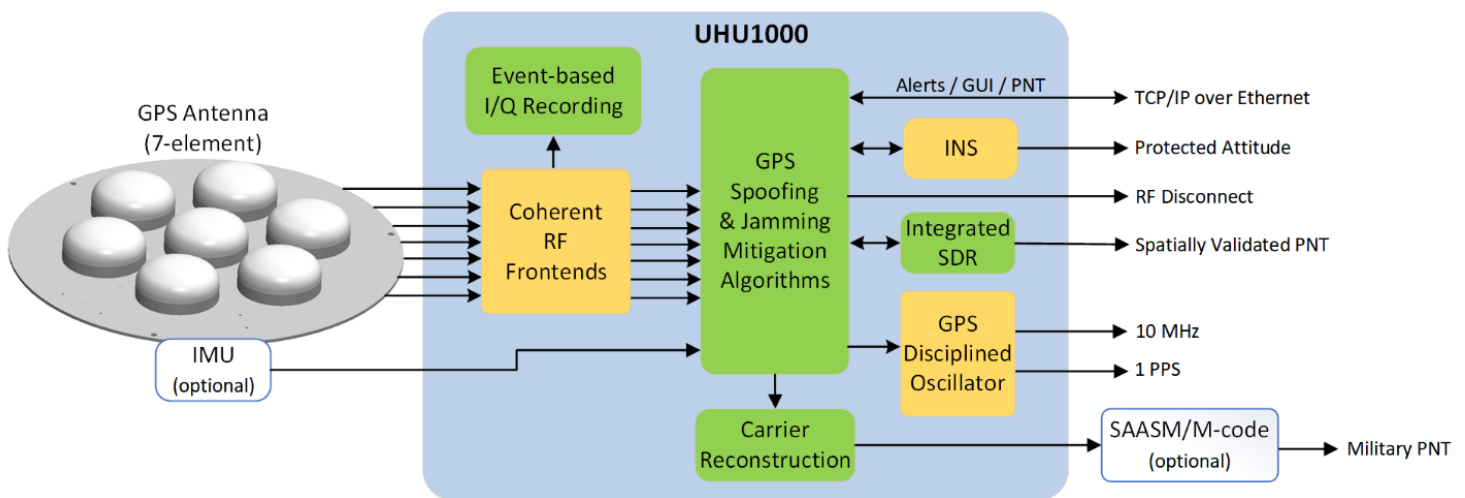


UHU1000





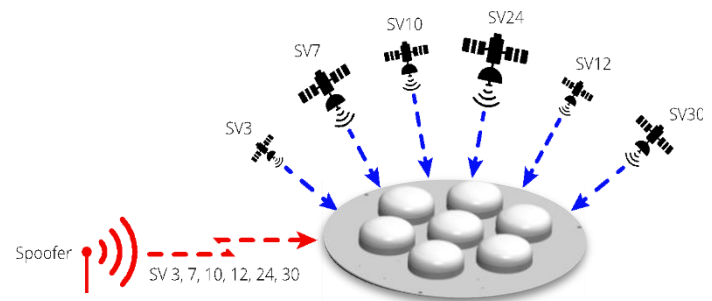
The UHU1000 validates the authenticity of each satellite by ensuring that it originates from the correct position in the sky, thus making the UHU1000 impervious to spoofing. Any resulting angle-of-arrival measurements of jammers or spoofers are reported to the user through the built-in GUI and through multiple management interfaces (SMTP, SNMP, etc.). Any spoofing signals are automatically categorized, demodulated, and tracked separately from the genuine satellite signals, providing valuable situational awareness to the user. A clean reconstructed RF carrier (with integrated anti-jam and anti-spoof) is provided for external receivers and fully supports M-code.



- **Impervious to Spoofing**
- **RF output with Anti-Jam (adaptive nulling)**
- **RF output with Anti-Spoof (non-adaptive nulling)**
- **Spatially validated PNT Solution**
- **Reports PNT of spoofing signal**
- **Reports angle-of-arrival of threats**
- **Situational Awareness GUI**
- **Supports mobile operation**
- **Integrated Timing Receiver**
- **Integrated I/Q recorder (T/FDOA capable)**
- **7-channel System**

## Angle of Arrival

Once the Angle of Arrival (or AOA) is calculated for each received signal, it can be determined if that signal is from a valid satellite or if it's a spoofer.



- 1U 19" rackmount chassis
- 16" depth, 10 lbs
- 125W; AC/DC supported

