



MOBILE V/UHF ELECTRONIC SUPPORT
(ES) SYSTEM

#ElectronicWarfare



AUTOMATIC SET UP / TEAR DOWN
REMOTE / EXTERNAL OPERATION
HIGH ACCURACY DF & LOCATION FIXING
HIGH SPEED SPECTRUM SEARCH, SIGNAL DETECTION AND ANALYSIS
AUTOMATIC MODULATION RECOGNITION & DEMODULATION
AUTOMATIC PROTOCOL RECOGNITION AND DECODING
DETECTION / ANALYSIS OF FHSS, DSSS SIGNALS
SPEECH / SPEAKER RECOGNITION & AUTOMATIC TRANSLATION



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MOBILE V/UHF ELECTRONIC SUPPORT (ES) SYSTEM

PUHU 3-LT (Mobile V/UHF Electronic Support System) is developed to provide electronic support against target V/UHF communications. The System provides advantages on the tactical field by detection and tracking of target communications, monitoring and analysing signals, direction finding and location estimation of signals with state of the art algorithms. PUHU 3-LT is integrated ergonomically to vehicle platforms with its shelter, air-conditioners, antennas and power supply according to customer requirements. The System has high mobility on the tactical field thanks to its fast and automatic set up, deployment capabilities and carrying whole system components on single vehicle. The system can be integrated on different platforms according to customer's requirements.

System Features

- Direction Finding (DF) and Spectrum Monitoring in V/UHF Band
- High Speed Spectrum Search, Signal Detection and Analysis
- Automatic Modulation Recognition and Demodulation
- Automatic Protocol Recognition and Decoding
- High Accurate Direction Finding (DF)
- High Accurate Location Estimation Techniques (AOA, TDOA, Hybrid)
- Multichannel Wideband and Narrowband Receivers
- Multiple Digital Drop Receivers (DDR)
- Multichannel Digital Audio/ Narrowband IQ/Wideband IF Recording
- Wideband and Narrowband Signal Analysis
- Detection and Analysis of FHSS and DSSS Signals
- Speech Recognition, Speaker Recognition, Automatic Translation
- Software-Defined Radio System
- Video Conference, IP-based Wired/Wireless Communication
- Remote/External Operation
- Joint Task Execution with C2 and/or ES/EA Systems
- Anti-jam GPS System
- Advance Built-in Test (BIT) and Calibration
- Compliance with Military Standards (MIL-STD-810 and MIL-STD 461/464)
- Two Operators/Single Operator Use
- Integration to Different Platforms
- Fast and Automatic Setup/Tear Down
- Power Supply (Mains Electricity/Generator/APU)
- User-friendly Software (GUI)

