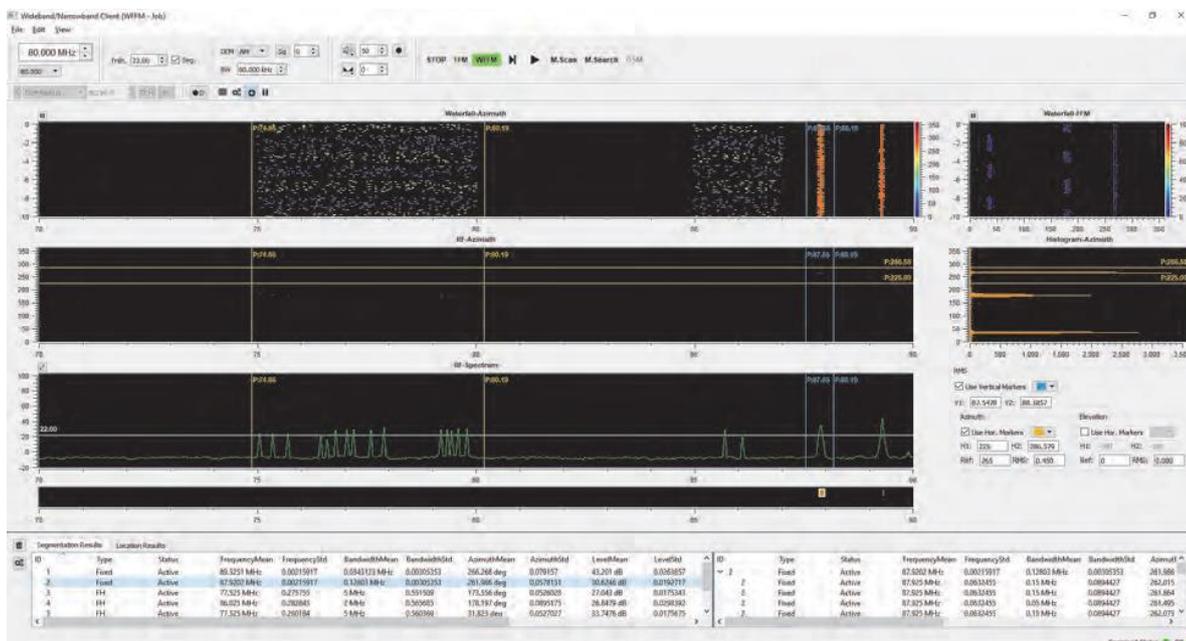




VHF/UHF WIDEBAND DIRECTION FINDER (WBDF) "VERA"



Wideband direction finder for VHF/UHF band provides:

- Automatic estimation of azimuth of radio-signals in VHF/UHF band;
- High probability of interception and bearing of LPI, chirp and burst signals;
- Automatic spectrum segmentation;
- Automatic generation of Electronic order of Battle.

WBDF VERA-1 consists of following functional parts:

- DF antenna array with RF multiplexer;
- Multichannel wideband DF receiver (5 channels);
- DF processor (acquisition block and digital signal processing);
- Workstation with software.

TECHNICAL CHARACTERISTICS:

Frequency band: 30 MHz - 3600 MHz
 Instantaneous frequency band: 21MHz/10.5MHz/5.25MHz/2.625MHz/1.3125MHz
 Frequency resolution: 2.93kHz/1.465kHz/732.52Hz/366.26Hz/183.13Hz
 DF channels: 5 channels
 Scanning speed: 10 GHz/s with frequency resolution of 2.93 kHz

