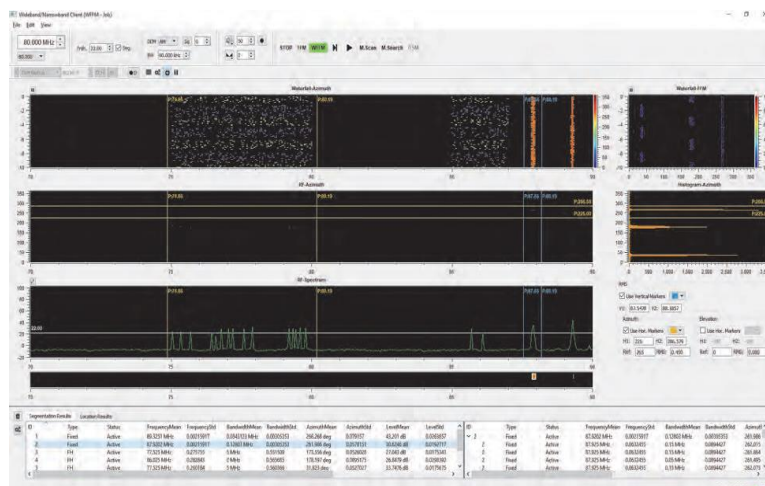


VHF/UHF WIDEBAND DIRECTION FINDER (WBDF) "VERA"



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