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INTELLIGENCE TECHNOLOGIES

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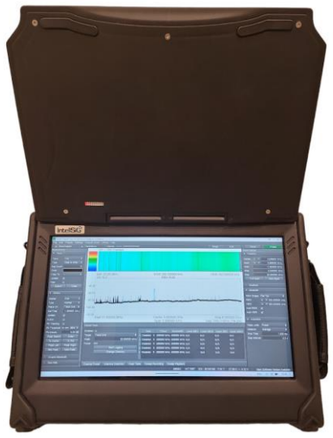
# YRI 43G - TSCM SYSTEM

The YRI 43G is a professional TSCM system. The spectrum analyzer is designed with several levels of frequency analysis from 100 kHz to 43 GHz, to detect illegal eavesdropping, perform on-site surveys of communication systems, perform radio frequency emission analysis, spectrum abuse analysis and RF investigation with its dedicated software with audio/video demodulator. The YRI 43G is hand-held with total weight is 8 kilograms, placed in an ergonomic case with a 14-inch touch screen, 2 USB 3.0 connectors, RJ45 connector, integrated multi antennas with automatic switching, directional antenna, VLC /  IR / ultraviolet probe, as well as other accessories included in the kit. The system works through a direct connection to the local electricity or through a battery that provides power for 3 hours of independent operation.

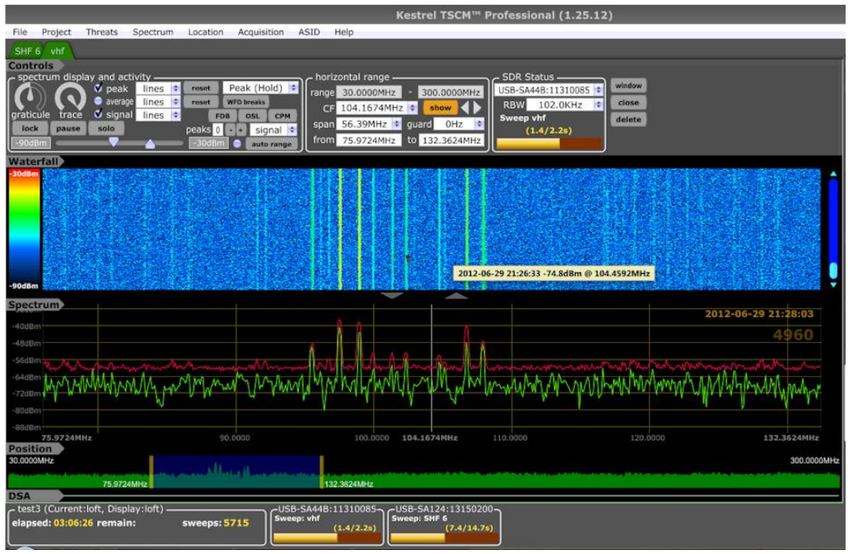



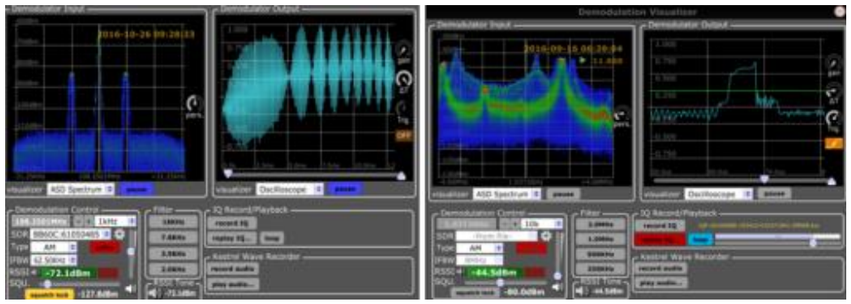
## Spectrum Analyzer Features:

High-performance spectrum analyzer and monitoring receiver. Tuning from 100 kHz to 20GHz, the analyzer has 160 MHz of instantaneous bandwidth (IBW), 110 dB of dynamic range, 1 THz/sec sweep speed at 30 kHz RBW (using Nuttall windowing), and phase noise performance that is low enough to contribute less than 0.1% error to EVM measurements and rival.

## TSCM Professional Software Features:

- RF Spectral Display (RSD): used to observe the ambient RF spectrum environment in the frequency domain and observe discrete signal characteristics.
- Multiple Spectrum Windows: actively display, search and analyze any number of independent spectral windows as standard Windows TABS.
- Waterfall Display (WFD): immediately observe and review any new signal events, as they occur in the time domain, without interrupting the collection process.
- Graticule Control Group: easily setup, navigate, view, and analyze, multiple instances of independent spectrum and waterfall data.
- Live View Analysis (LVA): real time signal event analysis and review without the need to stop or interrupt the collection process.
- Trace Math Analysis (TMA): select and display a standard differential trace math comparative for any two (2) locations
- Demodulation and Visualization: quickly demodulate and record audio samples of AM, FM, USB and LSB signals.
- Fat-Fourier Transforms (FFT): display various real0time FFT windows within the demodulation control group.

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