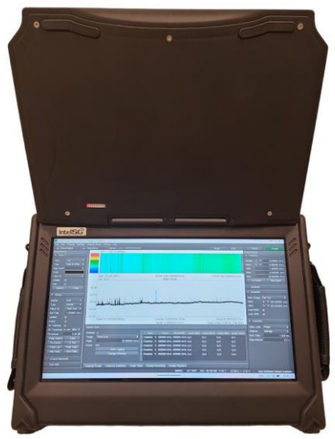

IntellSiG
INTELLIGENCE TECHNOLOGIES

PRODUCED BY EXPERTS FOR
EXPERTS!

YRI 6G – SPECTRUM ANALYZER

The YRI 6G is a professional real time spectrum analyzer. The system designed with several levels of frequency analysis from 9 kHz to 6 GHz with a instantaneous bandwidth of 27 MHz, and sweep speeds of 24 GHz/sec, 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 that include audio/video demodulator.

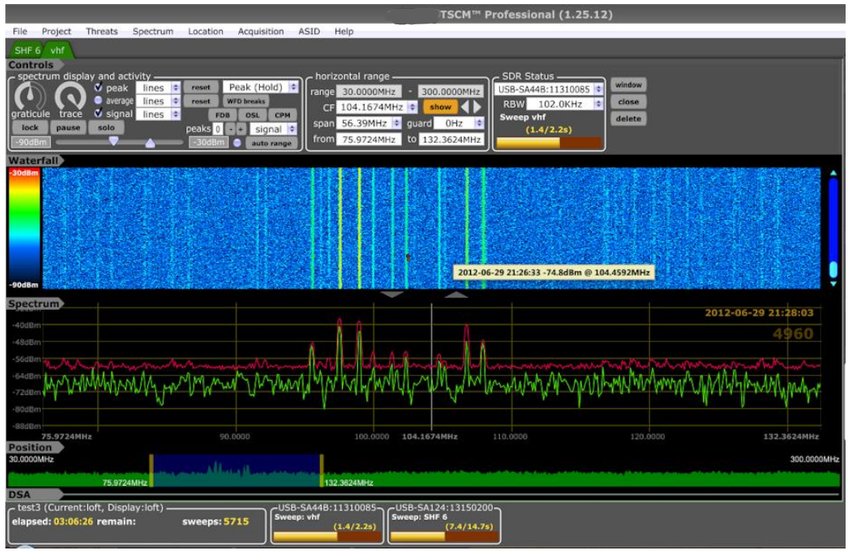
The YRI 6G is hand-held with total weight is 4.5 kilograms, placed in an ergonomic case with a 14-inch touch screen, 2 USB 3.0 connectors, RJ45 connector, integrated multi antennas, directional antenna, VLC / IR / ultraviolet probe, as well as other accessories included in the kit. The system works through a direct connection to the local electricity or through a battery that provides power for 3 hours of independent operation.

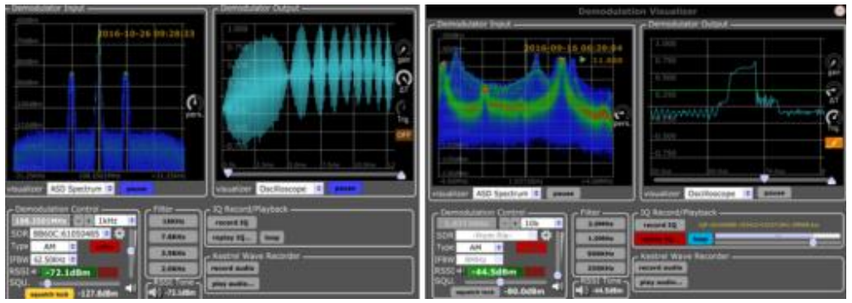


Spectrum Analyzer Features:

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.

FIND WHAT YOU CAN NOT SEE

10 Aholiav st. Ramat-Gan, Israel +972-3-5753395 +972-3-5753394 Sales@intellsig.com
www.intellsig.com