Nomad DTV Analyzer
Intelligent Mobile DTV Analyzer

System

The **only** intelligent mobile receiver-analyzer, featuring up to 4 simultaneous channel recording with real-time service quality and propagation analysis.
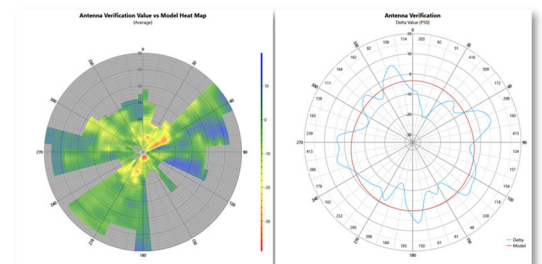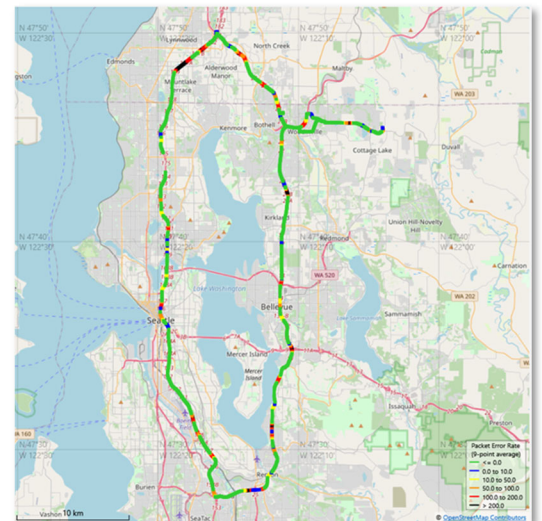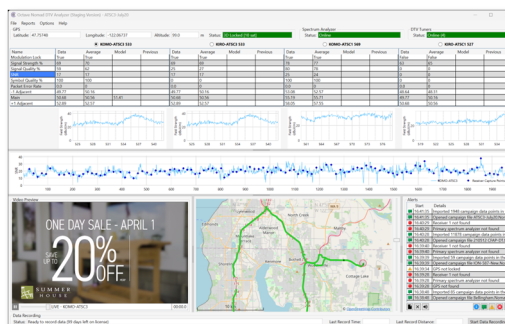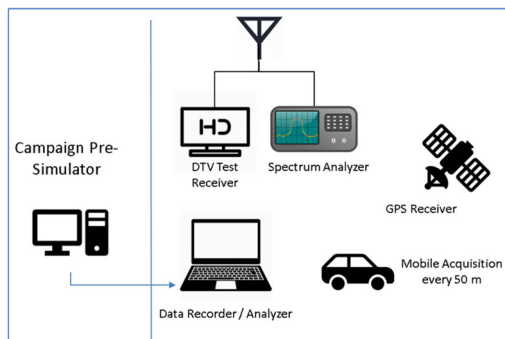
Specifications

- Analysis of ATSC 1.0 and 3.0 coverage and parameters.

- Record power levels of the main station, as well as the 1st adjacent frequencies.

- Easy recording of static data points (ATSC 1.0) or full mobile acquisition (ATSC 3.0) for different DTV metrics, including: modulation lock, SNR, Carrier Offset, TS Error Count and Symbol Quality using a HDHomeRun Flex 4K™ receiver.

- Get instant feedback on the road with customizable metric-based audible alarms, available in three languages (English, Spanish and French).

- Real-time service quality analysis comparison with propagation models like Longley-Rice and CRC-Predict.

- Campaign comparison to test different hardware transmission setup or to test SFN repeaters..

- Archival of Video stream that can be cross-referenced with the recorded data.

Available for turn-key measurements and analysis of your station

Report Generation

- Generate reports to Excel CSV, Google Earth KML or Open Street Map PNG files.

- Compare campaign data with the CRC-Predict or Longley-Rice propagation models.

- Typical evaluation:

    - ATSC 1.0 and 3.0 Coverage
    - SFN (ATSC 3.0) mobile synchronization evaluation
    - Potential interferers detection
    - Antenna pattern validation (Horizontal and Vertical components)

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