NEW

Nomad HDR/FM Analyzer Lite
Intelligent Mobile FM/HD Radio Analyzer

Octave communications

System

The **only** intelligent HD Radio™ / FM mobile receiver-analyzer, featuring recording with real-time service quality providing the most cost-effective solution for single station analysis.
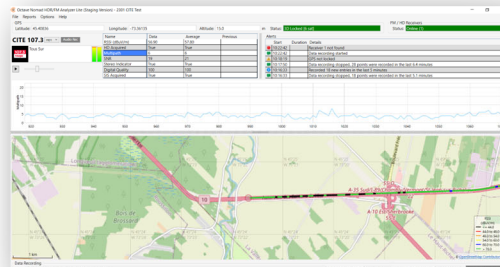
HD Radio is a proprietary trademark of Xperi Corp

Specifications

- Full analysis of FM Analog or HD Radio™ stations.

- Record power levels of the main analog station using a calibrated antenna and test receiver system.

- Record data points for over 30 different analog and HD metrics (depending on the test receiver selected), including HD Acquired, HD Digital Quality, SNR, Multipath, Cd/No, RDS BER, Artist Experience, etc..

- Real-time service quality analysis comparison with previous campaign.

- Available in three languages (English, Spanish and French).

- Full campaign playback and archival of both analog and HD audio to MP3 files that can be cross-referenced (geotag) with the recorded data.
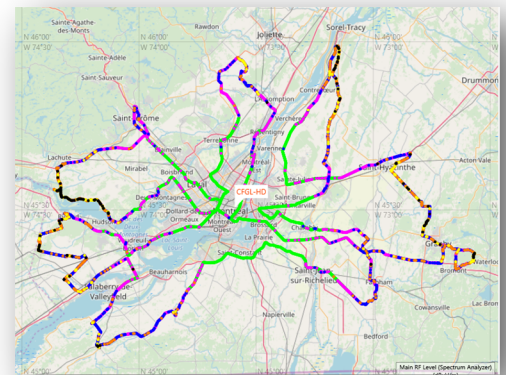
- Monitoring and recording of the station logo, artist

Available for software license purchase

Contact us for required hardware list and providers

Report Generation

- Generate more than 20 different reports to Excel CSV, Google Earth KML or Open Street Map PNG files.

- Compare the campaign data with previous campaigns for system changes.

- Typical evaluation:
    - Service Coverage (Analog or HD)
    - Digital Audio Quality
    - Multipath degradation
    - MaxxCasting (trademark of Geobroadcast Solutions) Synchronization
    - Full Campaign Playback (audio and data)

Required Hardware

The system supports the following hardware:

- GPS: US Global Sat BU-353-S4 and 10HZ
- Receiving Antenna: Firestik K11 or DEVA FM ANT-M
- Inovonics Test Receivers:
    - Sofia 565 (analog only) or 568
    - INOmini 635 (analog only) or 638
- Laptop Minimum Requirements:
    - Microsoft Windows 10 or better
    - 2 USB ports (or USB Hub)
    - Ethernet Port (or via USB Hub)
    - 4GB of physical memory
    - SSD Drive
    - 1280 X 768 minimum resolution

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