

HDR/FM Nomad Analyzer V2.0

Intelligent Mobile FM/HD Radio Analyzer



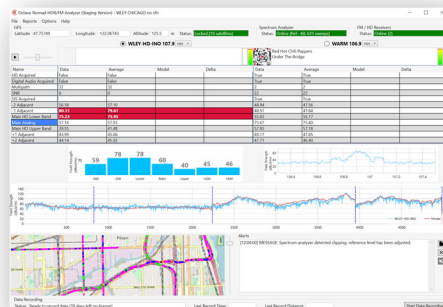
System

The **only** intelligent HD Radio™ / FM mobile receiver-analyzer, featuring recording with real-time service quality and propagation analysis for up to 5 channels simultaneously.

HD Radio is a proprietary trademark of Xperi Corp

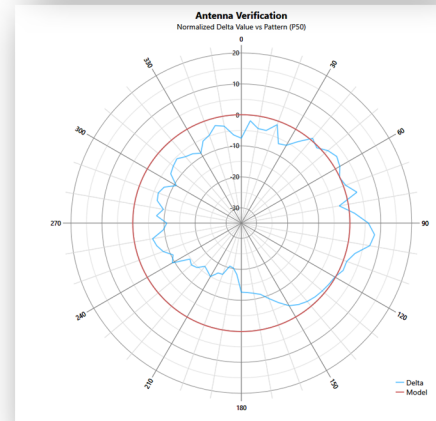
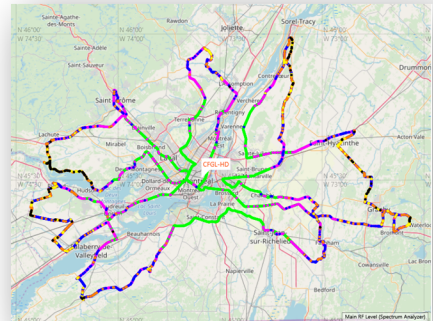
Specifications

- Full analysis of FM Analog or HD Radio™ stations, including HD Artist Experience.
- Record power levels (or full spectrum graph display) of the main analog, lower and upper HD bands, as well as the 1st and 2nd adjacent frequencies.
- Record data points for over 20 different analog and HD metrics, including HD Acquired, HD Decoding, SNR, Multipath, Cd/No and RDS BER.
- Real-time service quality analysis comparison with propagation models generating audible alarms, available in three languages (English, Spanish and French).
- Easy model file import tool or using Octave model file generation services.
- Full campaign playback and archival of both analog and HD audio to MP3 files that can be cross-referenced with the recorded data.
- Monitoring and recording of the station logo, artist experience images and their associated metrics.



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 the CRC-Predict or Longley-Rice propagation models.
- Typical evaluation:
 - Service Coverage (Analog or HD)
 - Analog to digital power ratio
 - Potential interferers
 - SFN validation vs analog quality
 - Antenna pattern validation



Available for
system
purchase or
contact us for
turn-key
measurements
and analysis of
your station

System
Customization
Available Upon
Request

Octave Communications

130 Lallier St
Granby, QC
CANADA J2H 0R2

17659 202nd PI NE
Woodinville, WA
USA 98077

Phone: 579-365-3295
Email: info@octavecom.com
www.octavecom.com