

Nomad HDR/FM Analyzer

Intelligent Mobile FM/HD Radio Analyzer



System

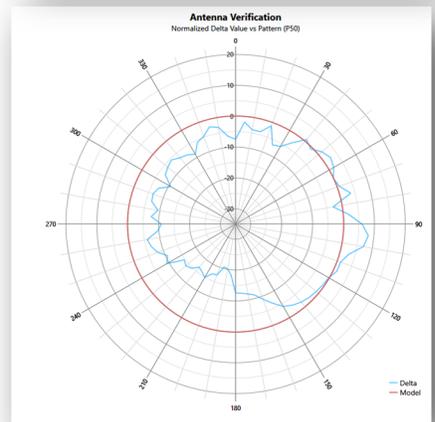
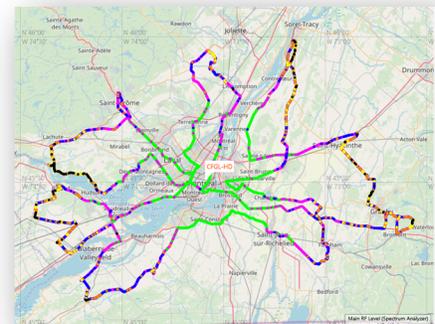
The **only** intelligent HD Radio™ / FM mobile receiver-analyzer, featuring recording with real-time service quality and propagation analysis for up to 5 stations simultaneously.
 HD Radio is a proprietary trademark of Xperi Corp

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
- 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 (geotag) 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
 - MaxxCasting (trademark of Geobroadcast Solutions) repeater synchronization



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