

PrecisionWave Signal Analyzer – Measure FM

This software provides high functionality in analysing your FM signal. Depending on the measurement depth, the software is able to analyse RF parameters as well as Quality of Service (QoS) parameters. Navigation can be easily implemented (uBlox, NMEA-RMC, NMEA-GGA). External sensors to capture environmental data are supported.

Key Features

- ▶ High professional measurement
- ▶ Software Defined Radio (SDR)
- ▶ Drive Test application
- ▶ FM Spectrum View
- ▶ AM Spectrum View of FM Channel
- ▶ RDS Quality of Service parameters
- ▶ Eye pattern of RDS signal
- ▶ Channel allocation measurement mode



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High Frequency Parameters

- ▶ FM Spectrum
- ▶ Rx Level in dBm, dBuV or dBuV/m

Quality

- ▶ Frequency Deviation (Peak, RMS, 19kHz Pilot, RDS)
- ▶ Distortion Level
- ▶ MPX Power
- ▶ AM Spectrum for every FM channel

RDS Measurement and Analysis

- ▶ RDS BER
- ▶ RDS BLER
- ▶ RDS Text
- ▶ RDS Content
- ▶ Eye pattern of RDS Signal

Special Measurement Modes

- ▶ Fixed Time measurement
- ▶ Height profile measurement
- ▶ Azimuth pattern measurement
- ▶ Channel allocation measurement