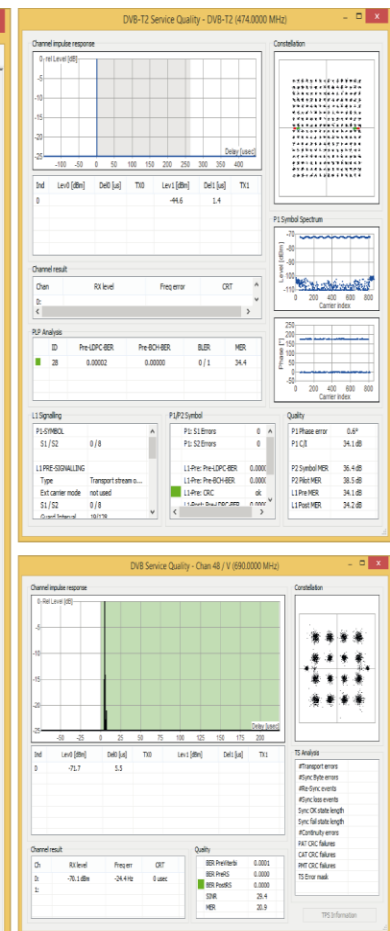
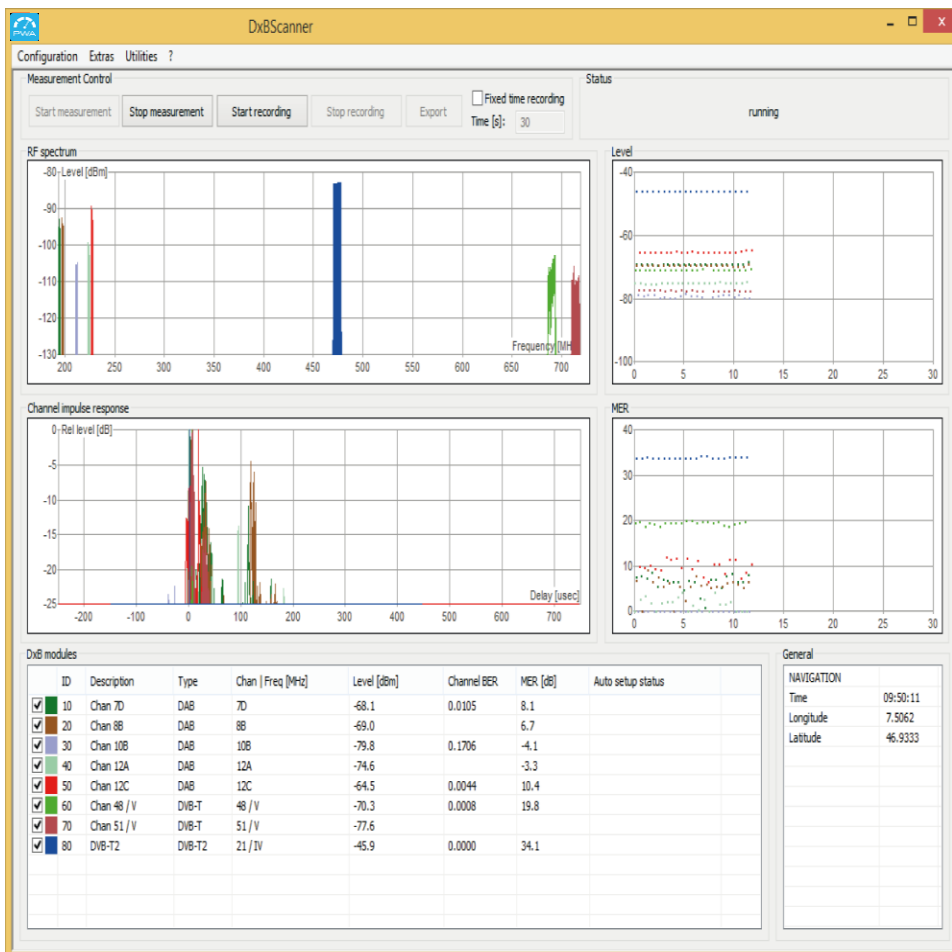


# PrecisionWave Signal Analyzer – Measure DxB Scanner

This software provides high functionality in measuring and analysing your DxB (DVB-T, DVB-T2, DAB and DAB+) signal. Depending on the measurement depth, the software is able to analyse RF parameters as well as Quality of Service (QoS) parameters of multiple MUX and different technologies. With Channel scan and Auto Setup mode, the configuration can be done easily without detailed knowledge of the DxB signal. 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
- ▶ Parallel measurement of multiple MUX and different technologies with one software
- ▶ Detail-View for each channel
- ▶ Channel scan and Auto setup mode
- ▶ Channel Diversity for DVB-T/DVB-T2
- ▶ Individual analysis with export
- ▶ Antenna monitor: Height profile and radiation pattern



# PrecisionWave Signal Analyzer – Measure DxB Scanner

## Supported Standards

- ▶ DVB-T2: EN 302 755
- ▶ DVB-T: EN 302 744 / 302 304
- ▶ DAB: EN 300 401
- ▶ DAB+: TS 102 563

## High Frequency Parameters

- ▶ RF Spectrum
- ▶ Channel impulse response (CIR)
- ▶ Graphical / Table overview / Level and delay analysis
- ▶ Channel result, Symbol level
- ▶ Constellation diagrams, MER
- ▶ Frequency error

## Special Measurement Modes

- ▶ Channel Scan
- ▶ Antenna Monitor for Height profile

## DVB-T2

- ▶ Quality: P1 Phase Error, C/I; P2 Symbol MER, Pilot MER; L1 Pre/Post MER
- ▶ P1/P2 Symbol: S1/S2 Errors, L1 Pre/Post LDPC/BCH BER, CRC Check
- ▶ Detailed L1 Pre- and Post-Signalling Information
- ▶ PLP Analysis: Pre LDPC/BCH-BER, Failed FEC blocks, MER per PLP

## DVB-T

- ▶ Quality: BER PreViterbi, PreRS, PostRS, SINR, MER
- ▶ TS Analysis: Transport/Sync Byte errors, Re-Sync/Sync loss events
- ▶ PAT / CAT / PMT CRC failures
- ▶ TPS Information

## DAB(+)

- ▶ Quality: Level Null-/Sync Symbol, MER, SNR, Transmitter ID
- ▶ BER: VEFR FIC and per Subchannel, Viterbi Error Flag Ratio VEFR
- ▶ Pre / Post Reed Solomon BER
- ▶ AU CRC failure