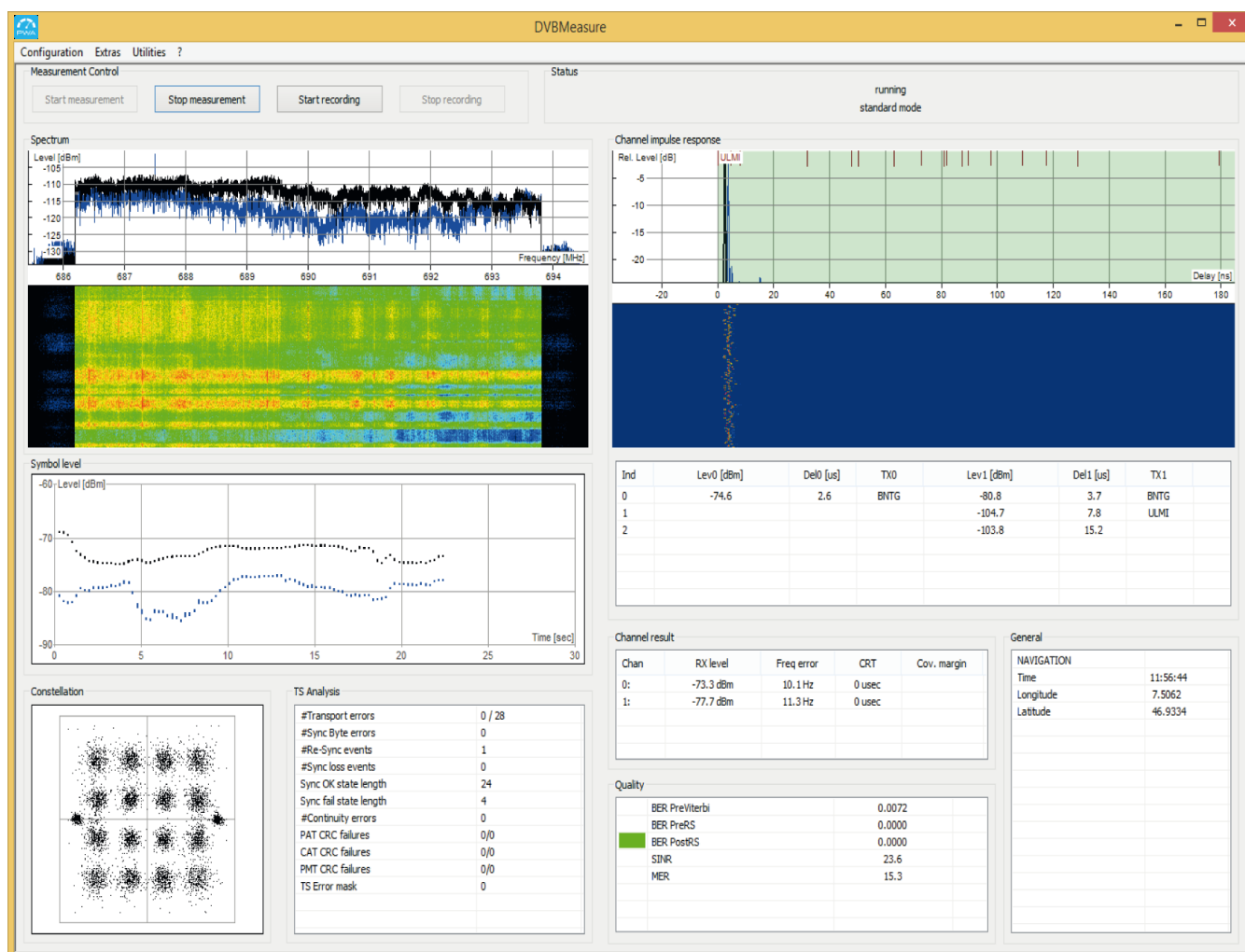


PrecisionWave Signal Analyzer – Measure DVB-T

This software provides high functionality in analysing your DVB-T signal. Depending on the measurement depth, the software is able to analyse RF parameters as well as Quality of Service (QoS) parameters. Diversity parameters (fixed antenna 0/1, maximum ratio, equal gain, subcarrier selection, antenna selection) are supported. 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)
- ▶ Coverage Margin
- ▶ Channel Scan / Measure
- ▶ Sync Analysis
- ▶ Drive Test application
- ▶ Two Channel Diversity
- ▶ Individual analysis with export
- ▶ Antenna monitor: Height profile and radiation pattern



PrecisionWave Signal Analyzer – Measure DVB-T

Supported Standards

- ▶ DVB-T: EN 302 744 / 302 304

High Frequency Parameters

- ▶ Spectrum
- ▶ Channel impulse response (CIR)
- ▶ Graphical overview / Table overview / Level and delay analysis
- ▶ Channel result
- ▶ RX level
- ▶ Symbol level
- ▶ Constellation diagrams
- ▶ Channel rise time (CRT)
- ▶ Frequency error

Quality

- ▶ BER PreViterbi
- ▶ BER PreRS
- ▶ BER PostRS
- ▶ SINR
- ▶ MER

TS Analysis

- ▶ Number of Transport errors
- ▶ Number of Sync Byte errors
- ▶ Number of Re-Sync events
- ▶ Number of Sync loss events
- ▶ Sync OK state length
- ▶ Sync fail state length
- ▶ PAT CRC failures
- ▶ CAT CRC failures
- ▶ PMT CRC failures
- ▶ TS Error mask

More Features

- ▶ Show PAT
- ▶ Show TPS
- ▶ Show Coverage margin
- ▶ Sync Analysis
- ▶ Extended CIR
- ▶ Spectrum measurements
- ▶ Antenna monitor
- ▶ Channel scan

Diversity Mode

- ▶ Fixed antenna 0
- ▶ Fixed antenna 1
- ▶ Maximum ratio
- ▶ Equal gain
- ▶ Subcarrier selection
- ▶ Antenna selection