Nemo Analyze

Professional Post-Processing of Field Test Data

Nemo Analyze is a highly efficient and fully scalable analysis tool for benchmarking, automated troubleshooting, and statistical reporting based on field test data. For benchmarking, its predetermined report templates help you compare key performance indicators (KPIs) from different operators, technologies, and time frames, and visualize the results in a single report. Nemo Analyze supports all 3GPP network technologies, including 5G NR, NB-IoT, LTE-M, LTE-A CA, VoLTE/ViLTE, VoWiFi, and mMIMO. Integrating Nemo Analyze with other Nemo tools provides a complete automated data processing chain from raw measurement data to automatically generated results in workbook format.

Features

- Desktop/laptop field test post-processing tool providing in-depth analysis, reporting, and optimization capabilities.
- Market-leading 5G NR analytics including 3D visualization of 5G NR field test data and beams.
- Best-in-class data visualization with fully customizable, time-synchronized multi-page workbooks and a comprehensive set of data views.
- Support for web-based live maps, Google Maps, and OpenStreetMap.
- Diverse reporting options from instant reporting to Microsoft Office tools compatible reporting.
- CDR-based off-the-shelf reports available for voice and data, with support for technologies from GSM to VoLTE, ViLTE, VoWiFi, and LTE-A CA.
Market-Leading 5G NR Analytics

Nemo Analyze supports the analysis of 5G NR scanning receiver and UE measurements performed with Nemo data collection tools. Nemo supports a leading set of KPIs for advanced 5G NR analytics. Nemo Analyze provides a comprehensive set of ready-made report templates and playback workbooks with all the key metrics and KPIs for quick analysis and an automated routine for plotting the SSB beam footprints of all beams is also included. 5G NR beams can be visualized on a 3D map to detect the attenuation of buildings and trees on the signal level and to evaluate beam width and coverage in real life. In addition, Nemo Analyze supports measurements done with Keysight’s FieldFox portable spectrum analyzer.

Wide-Range Analytics and Reporting

Nemo Analyze with its full set of data views for detailed analysis and playback is the perfect solution for post-processing and statistical reporting tasks for users with specific KPI reporting and analysis needs. Nemo Analyze enables the creation of custom KPIs and analysis tasks with KPI Workbench, a graphical flow chart-based scripting engine. Custom reports can be easily created with spreadsheet report designer and reports can be exported to MS Excel. Nemo Analyze includes automated analysis tasks for most common GSM/UMTS/LTE/5G NR network problems and drill-down from problem events on maps and grids enables efficient troubleshooting over large sets of data.

Best-In-Class Field Test Data Visualization

The Nemo Analyze system incorporates an innovative, easy to set up and use, low-maintenance database engine that has been designed and optimized specifically for high-performance post-processing of field test data.

Nemo Analyze is the best post-processing solution for data produced by Nemo tools. Nemo Analyze’s support for character-separated value (CSV) format also lets you import ASCII data into the database. Nemo Analyze supports Windows 10 64-bit.

Learn more at: www.keysight.com

For more information on Keysight Technologies’ products, applications or services, please contact your local Keysight office. The complete list is available at: www.keysight.com/find/contactus