RanLOS BeamLab

RanLOS BeamLab is the measurement software that controls instruments, positioners and collects measurement data. The colleced data can be visualized and analyzed in many different ways directly in the software. You get full control over the entire test process and can perform a measurement in a few easy steps.

Perform a measurement in a few easy steps

Key features:

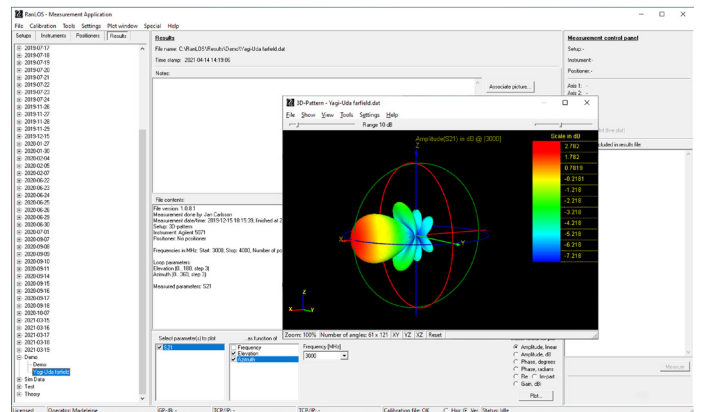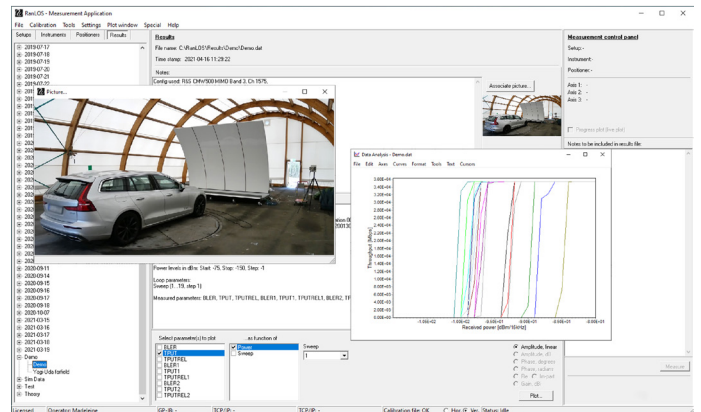Supports both antenna and OTA performance measurements

Perform a measurement in a few steps - the software guides the user throughout the whole measurement process

No specialist education needed

Get results directly without post-processing

Easy plotting in 1D, 2D, and 3D

Quick and easy analysis of measurement data

The figure above shows the easy visualization of measurement data

A number of features are supported and the operator is guided through the set-up via easy-to-use instructions. The measurement results can be plotted and compared to previous measurements. Pictures of the setup can be included in the measurement result file.

RanLOS BeamLab is module-based, so it is easy to add drivers for additional instruments and positioners when the need changes.

Supported instruments

Network Analyzers (VNA):

HP/Agilent/Keysight E5071

HP/Agilent/Keysight 8363

HP/Agilent/Keysight 8722

HP/Agilent/Keysight 8753

Anritsu ShockLine series ME7868A

Anritsu ShockLine series MS46121A

Anritsu ShockLine series MS46121B

Anritsu ShockLine series MS46122A

Anritsu ShockLine series MS46122B

Anritsu ShockLine series MS46322A

Anritsu ShockLine series MS46322B

Anritsu ShockLine series MS46522B

Anritsu ShockLine series MS46524B

Rohde & Schwarz ZNA 43

Rohde & Schwarz ZNB 8

Rohde & Schwarz ZNB 20

Rohde & Schwarz ZNB 40

Communication testers

Anritsu MT8000A

Anritsu MT8820

Anritsu MT8821

Rohde & Schwarz CMW500

Supported positioners

ASYSOL ASYCONT 300-8

INNCO CO3000

TOKIN 5905

About RanLOS:

RanLOS is an innovative provider of OTA test solutions for full-vehicle connectivity and antenna testing. The company was founded in 2016 by Professor Per-Simon Kildal, one of the world's most influential antenna experts. Professor Kildal also founded the companies Bluetest and Gapwaves. RanLOS has its origins from Chalmers University of Technology in Gothenburg, Sweden, and is listed on Nasdaq First North Growth Market.

RanLOS aims to provide customers with the most cost-effective and easy-to-use OTA test solutions. The patented hardware and proprietary software are based on several years of research and are designed to test all relevant standards such as 4G, 5G, Wi-Fi, and V2X.

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