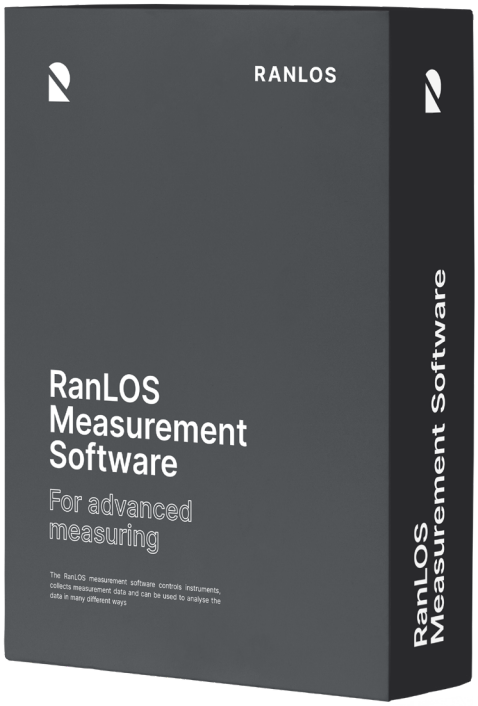
RanLOS Software

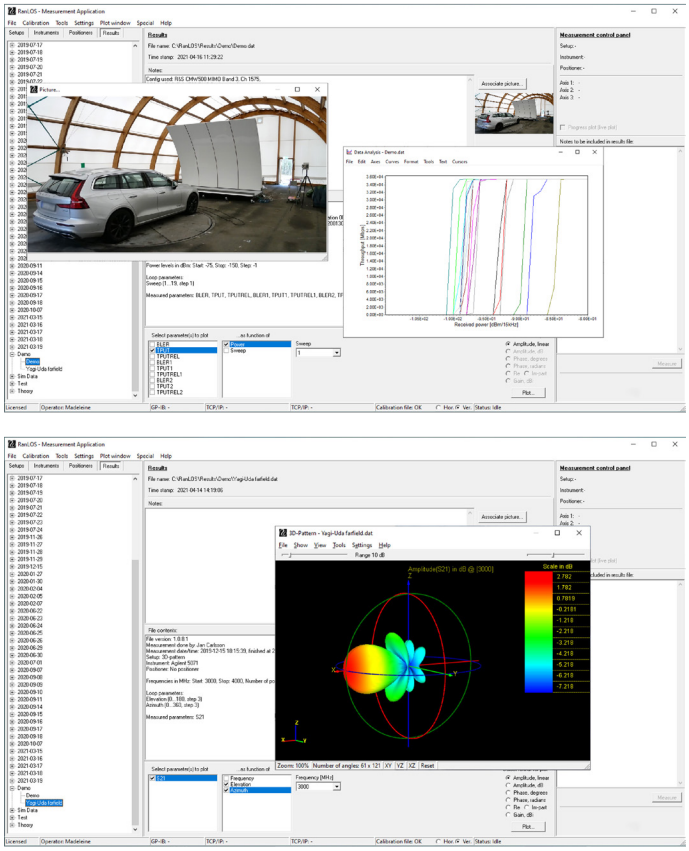
The RanLOS measurement software controls instruments, positioners and collects measurement data. The collected data can be visualized and analyzed in many different ways directly in the software. You get full control over the whole test process and can **easily perform a measurement in 5 easy steps.**



Measuring and collecting data in 5 easy steps

Key features:

- Developed for both active and passive measurements
- Quick and easy analysis of measurement data
- Compatible with all standard VNAs and Communication Testers
- Supports positioner controllers from the major manufacturers



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 active measurement results can be easily plotted and compared to previous measurements. Pictures of the setup can easily be integrated in the measurement result file.

The software is module-based. It is easy to add drivers for other instruments and positioners when the need changes.

Supported instruments

Network Analysers:

- HP/Agilent/Keysight E5071C
- HP/Agilent/Keysight E8363B
- HP/Agilent/Keysight 8753ES
- Rohde & Schwarz ZNB20
- Rohde & Schwarz ZNB40
- Anritsu MS46524B

Communication testers:

- Rohde & Schwarz CMW500
- Anritsu MT8820
- Anritsu MT8821

Supported positioners

- ASYSOL ASYCONT 300-8 (general positioner controller)
- INNCO CO3000 (general positioner controller)
- RanLOS one-axis
- RanLOS two-axes xy positioner (Sub-6 GHz)
- RanLOS two-axes xy-positioner (mmWave)
- RanLOS two-axes rotating radiation pattern positioner
- RanLOS three-axes positioner

Reservation made for any incorrections.
The material in this publication is subject to change without notice.

About RanLOS:

The idea of an affordable and easy-to-use OTA measurement system using Random Line-of-Sight (RanLOS) technology came from Professor Per-Simon Kildal (1951-2016) at Chalmers University of Technology.

As a result, RanLOS AB was founded in 2016 and has been granted several patents of the Random Line-of-Sight technology. The products have been realized by PhD Madeleine Schilliger Kildal and Professor Jan Carlsson among others.