

RanLOS antenna and connectivity test system for vehicles makes a breakthrough on the Japanese market

RanLOS AB, a Gothenburg-based company, recently secured a major deal with its distributor TOYO Corporation. The deal covers the RanLOS Sub-6 GHz test system which will be demonstrated to an international conglomerate as well as leading automotive manufacturers seeking for innovative connectivity test solutions in Asia.

Successful system demonstration in Gothenburg

Impressive results were seen during a demonstration of the system in Gothenburg in late 2022. This led to the purchase of the RanLOS Sub-6 GHz test system, which is a turnkey solution that includes both hardware and software. The RanLOS solution can be used to measure antenna radiation patterns as well as connectivity/throughput, both for full vehicle and stand-alone antennas and communication systems.

Jan Carlsson, CTO at RanLOS, comment on the days of testing:

“We had a very successful demonstration of our test system where we measured both antenna radiation patterns and connectivity/throughput for both stand-alone antennas and a full vehicle communication system. The customer was very impressed with the ease-of-use of our test system and the many possibilities to plot and analyze the results in our proprietary software.”

Great distributor collaboration

RanLOS has contracts with three different distributors covering Europe, Japan, China, Korea, and the USA and is primarily targeting global vehicle manufacturers and suppliers. The company's strategy is to work with leading international distributors to make its mark in the industry. This is the first deal for the RanLOS Sub-6 GHz test system in collaboration with TOYO Corporation.

Louice Rosdahl, CEO at RanLOS, after finalizing the deal:

“We are really looking forward to what the future will bring. For a small Gothenburg-based company to successfully enter the Japanese market is great proof of both the quality of our products but also our strategy to work with leading international distributors. This is a big step in making our mark in Asia and the Japanese market. The need for Over-the-Air (OTA) measurements is increasing worldwide, and we are in a great position to enable automotive manufacturers to do OTA testing easier, faster and smarter.”

For more details about RanLOS, the collaboration with TOYO, or regarding RanLOS turnkey solution - please contact Louice Rosdahl (louice.rosdahl@ranlos.com / +4673-081 99 91) or Lars Granbom (lars.granbom@ranlos.com / +4670-319 65 30)

About RanLOS

RanLOS has its origins in research at Chalmers University of Technology. The company was founded in 2016 by Professor Per-Simon Kildal (1951-2016), who was one of the foremost antenna experts in the world. Professor Kildal, who also founded the companies Gapwaves and Bluetest, had an idea of a simple and cost-effective measurement system to test connectivity in vehicles, base stations, and other connected devices. RanLOS hardware and proprietary software are based on several years of research and have for example been validated in the projects "Smartare elektroniksystem" and SIVERT (FFI-Vinnova) together with Volvo Cars, AB Volvo, RISE, and Lund University. RanLOS products are designed to test standards such as 3G, 4G, 5G, and Wifi.

www.ranlos.com

About TOYO Corporation

Founded in 1953, TOYO Corporation (Head Office: Tokyo, Japan) contributes to technological innovations as a leading provider of advanced measurement solutions. Through its variety of business segments - ICT (Information and Communication Technologies), Automobiles, Energy, EMC (Electromagnetic Compatibility), Ocean Defense and Security, Software Development, Life Science, and Information Security, the company is focused on providing solutions to emerging markets such as 5G network, clean energy, autonomous vehicle development. TOYO also makes significant R&D investments to develop in-house technologies and products. Its growth strategies include developing its market presence in the United States and China and TOYO has established subsidiaries in both of these important markets. By making available the most advanced market-based solutions, TOYO is at the forefront of helping to shape a safe and environmentally friendly society and develop industries. For more information, please visit the company's website at <https://www.toyo.co.jp/english/>

If you want to publish the press release, please send a note and link to Joakim Lundberg (Joakim.lundberg@ranlos.com), Marketing and Sales Manager at RanLOS. Thank you!