RANLOS

PRESS RELEASE
03 September 2025 08:45:00 CEST

RANLOS TEST SOLUTION IS USED BY VEHICLE MANUFACTURERS LIKE VOLVO CARS

RanLOS continues to strengthen its position in antenna and wireless communication testing for the automotive industry. With their innovative test system that can be used in-house, directly at vehicle manufacturers' facilities, RanLOS offers a more accessible, flexible, and cost-effective way to test antennas and communication systems. This is becoming increasingly important as vehicles become more connected and the need for testing grows among vehicle manufacturers.

Volvo Cars is a vehicle manufacturer that currently uses RanLOS solutions. In addition to the collaboration within the research projects SIVERT 1 and 2, Volvo Cars has invested in a complete test system from RanLOS, consisting of BeamForce 42, BeamTilt, and the company's proprietary software BeamLab.

The SIVERT projects have contributed to the further development of RanLOS' test system, including the development of antenna arrays for different frequency ranges. BeamForce 42 enables flexible and repeatable in-house testing of vehicular antennas and wireless communication throughout the entire development process. This saves time and reduces the need for external test facilities. BeamTilt is a lift-and-tilt solution that further extends testing capabilities by adjusting the reflector's position vertically and up to 20 degrees in tilt. All testing is controlled and analyzed using RanLOS software BeamLab.

Link to animation video

Together, RanLOS solutions enable Volvo Cars to continuously test, evaluate, and optimize antenna performance and wireless communication performance on-site, where development takes place

– By using the RanLOS test system in-house, our customers in the automotive industry – including Volvo Cars – can continuously evaluate the performance of antennas and wireless performance. This can shorten the development process and optimize wireless communication for connected vehicles in a much more cost-effective way," says Lars Granbom, CEO of RanLOS

Functions that are vital for autonomous driving, connected services, traffic information, and advanced safety systems place high demands on wireless performance for vehicles. The RanLOS solution makes it possible to ensure this performance in a reliable and efficient way.

For more information, please contact:
Lars Granbom, Sales Director RanLOS AB
lars.granbom@ranlos.com
+46 (0)70 319 65 30

RanLOS is listed on Nasdaq First North Growth Market. Svensk Kapitalmarknadsgranskning AB (SKMG) is the company's Certified Adviser.

About RanLOS AB
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 Stock Exchange. RanLOS aims to provide customers with the most cost-efficient 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. For more information, visit RanLOS website: **www.ranlos.com**