



Paris, January 26, 2022

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## MVG TO SUPPLY SGS WITH AUTOMOTIVE ANTENNA MEASUREMENT AND OTA TEST EQUIPMENT

World leader in inspection, verification, testing and certification, SGS, has selected wireless connectivity testing specialist, MVG, to supply the first automotive Over-The-Air (OTA) test equipment compliant with the 5GAA VATM standard for its service offering of automotive testing in the APAC region.



SGS has purchased an MVG SG 3000, a multi-probe antenna measurement and OTA test system for component to full-scale vehicle testing. This test system will be the first in the world to support 5G FR1 NSA and SA and C-V2X OTA measurements for automobiles in compliance with the 5GAA Vehicular Antenna Test Methodology (VATM) Standard, as well as the emerging UWB technology. With this acquisition, not only will SGS be able to support automotive manufacturers with services to test, validate and comply with increasing wireless standards and regulations, this test system will serve as an integral part of SGS's one-stop state-of-the-art testing and certification solution in Suzhou, China, for electric and/or connected vehicles and their networks in the APAC region.

David Chu, SGS Global VP of Connectivity SBU, comments on the decision: "With the expansion of wireless communication networks in automotive systems and the increasing regulations that guide them, the MVG SG 3000 will allow us

to support our customers in performing antenna and OTA testing on not only sub-system components, but full-scale vehicle systems. It is of utmost importance to our customers to obtain accurate test results in a timely matter in order to meet rigorous automotive test standards.”

MVG’s SG 3000 has been designed specifically for full-scale vehicle antenna measurement and OTA testing and covers a wide range of frequencies: from 70 MHz to 10 GHz. In addition to measurements of antenna radiation patterns and typical S-parameters, the SG 3000 is equipped to perform OTA tests that will provide analysis and results for engineers finalizing prototypes to meet automotive connectivity requirements such as those being defined by the 5GAA.

A diverse system for a range of facilities, the SG 3000 can be built to location and space specifications, with a selection of arch sizes and the option of a fixed or mobile structure.

Nicolas Gross, Application Department Director for MVG adds:

“As the automotive industry is catapulted into a new era of rapid technological development, certifying the quality of automotive wireless connectivity has become crucial as well as complex. We are pleased that a renowned test house like SGS is leading the way in equipping its sites with state-of-the-art OTA testing capabilities in collaboration with MVG. It will allow the automotive industry in the APAC region to keep pace with progression toward V2X and C-V2X connectivity while meeting requirements set forth by the emerging and evolving standards.”

For more information about the SG 3000, [click here](#)

<https://www.mvg-world.com/products/antenna-measurement/multi-probe-systems/sg-3000>

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### **About Microwave Vision Group**

Since its creation in 1986, The Microwave Vision Group (MVG) has developed unique expertise in the visualization of electromagnetic waves. These waves are at the heart of our daily lives: Smartphones, computers, tablets, cars, trains, and planes – none of these devices and vehicles would work without them. Year after year, the Group develops and markets systems that allow for the visualization of these waves, while evaluating the characteristics of antennas, and helping speed up the development of products using microwave frequencies. The Group’s mission is to extend this unique technology to all sectors where it will bring strong added value. MVG is structured around 3 departments: AMS (Antenna Measurement Systems), EMC (Electro-Magnetic

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Compatibility), EIC (Environmental & Industrial Control). MVG is present in 10 countries and generates 90% of sales from exports. The Group generates revenues above € 100 million.

For more information: [www.mvg-world.com](http://www.mvg-world.com)

**About SGS**

SGS is the world's leading inspection, verification, testing and certification company. SGS is recognized as the global benchmark for quality and integrity. With more than 89,000 employees, SGS operates a network of over 2,600 offices and laboratories around the world. [www.sgs.com](http://www.sgs.com)

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