

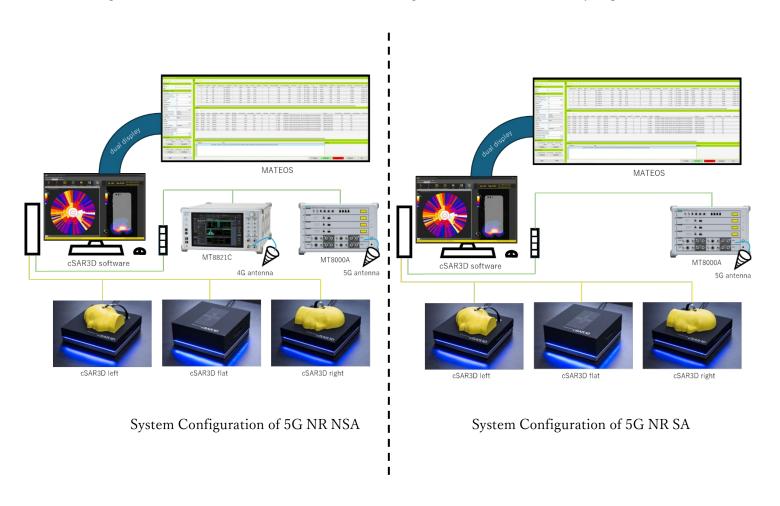


Microwave Factory, Schmid & Partner Engineering AG, and Anritsu Developed SAR Rapid Measurement Software for 5G NR SA/NSA/LTE device using cSAR3D and MT8000A/MT8821C

Yokohama, Japan – October 2025 - Microwave Factory (MWF), in collaboration with Schmid & Partner Engineering AG (SPEAG) and Anritsu, proudly announce the release of MATEOS: a software solution for high-speed specific absorption rate (SAR) measurements of 5G standalone (SA) 5G non-standalone (NSA), and 4G long-term evolution (LTE) devices.

MATEOS seamlessly integrates SPEAG's cSAR3D vector array system and Anritsu's MT8000A/MT8821C base station simulator, enabling fast and fully automated SAR measurements. Previously, users had to manually configure and set up the call in MT8000A/MT8821C. Now, the entire process can be controlled through a single interface, significantly reducing setup time. MATEOS supports not only LTE (4G) but also 5G NR SA and NSA.

SAR measurements are instrumental for ensuring mobile device compliance with human exposure limits. Providing fast, stable SAR measurements is crucial, making this collaboration extremely important.





About Microwave Factory (MWF)

MWF was founded 20 years ago and has a high and broad expertise in the engineering field of electromagnetics. The company is a provider of testing solutions for advanced wireless, automotive radar, electromagnetic compatibility, aerospace and defense technologies and has been part of the Cornes Technologies group since 2014. MWF is certified for ISO 9001 and ISO/IEC 17025.

About Schmid & Partner Engineering AG (SPEAG)

SPEAG is a leading developer and manufacturer of the most advanced numerical tools and instrumentation for the accurate evaluation of electromagnetic near and far fields from static to optical frequencies. SPEAG's products are the best available for the evaluation and optimization of electromagnetic fields in complex environments, such as those close to and within the human body. Typical applications include electromagnetic safety and design optimization of mobile phones, magnetic resonance imaging, and medical implants. The cornerstone of SPEAG's success is its strong investment in R&D and its strategic alliances with leading research institutions to ensure the development of cutting-edge products and solutions without compromising accuracy and efficiency. SPEAG's customer base includes prominent members of leading industries and many government and regulatory agencies.

About Anritsu Corporation (Anritsu)

Anritsu Corporation (www.anritsu.com), a global provider of innovative communications test and measurement solutions for 125 years. Anritsu's philosophy engages customers as true partners to help develop wireless, optical, microwave/RF, and digital solutions for R&D, manufacturing, installation, and maintenance applications, as well as multidimensional service assurance solutions for network monitoring and optimization. Anritsu also provides precision microwave/RF components, optical devices, and high-speed electrical devices for communication products and systems. The company develops advanced solutions for 5G, M2M, IoT, as well as other emerging and legacy wireline and wireless communication markets. With offices throughout the world, Anritsu has approximately 4,000 employees in over 90 countries.