

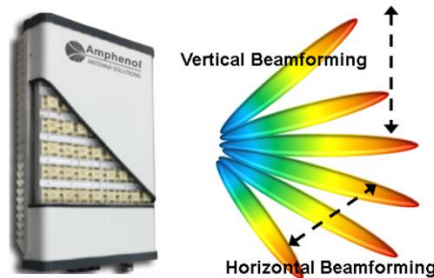
PRESS RELEASE – February, 2019

INNOVATIVE SOLUTIONS FOR 5G TECHNOLOGIES

MWC Barcelona, booth 5K13

Le Buscat (France), February 25th, 2019 – SERMA AW2S - designer & manufacturer of advanced radio products for wireless infrastructures - is exhibiting at the Mobile World Congress in Barcelona to present its innovative solutions for 2G/3G/4G & 5G technologies.

SERMA AW2S (Advanced Wireless Solutions & Services) is pleased to announce the start of a new partnership with Amphenol Antenna Solutions (AAS), the global supplier of Antenna Solutions and Accessories for Massive MIMO and Active Antennas. Combining AW2S expertise in embedded electronic for various applications and AAS know-how in the antenna market for cellular applications will enable the 2 companies to offer new solutions for advanced 5G antennas.



Since the first 4G and TD-LTE applications, the Radio Front End and the Antenna (radiating) System have followed a trend for closer integration with the promise of enhanced end-to-end performance. The transceiver ecosystem in 4G today and 5G tomorrow needs to face the challenges of advanced antenna features for the best possible return on investment for Carriers. Thus, developing the 2 systems in collaboration becomes crucial. AW2S and AAS plan to mutualize their expertise and share their labs in order to bring to the market the active antenna solutions that Mobile Network Operators will be looking for.

AW2S and AAS intend to collaborate on various projects including Massive MIMO 64T64R with 3D beamforming capabilities in the 5G targeted frequency bands. And because virtualization and innovation are key drivers for our collaboration, AW2S is involved in the X-RAN project.

SERMA AW2S develop several 5G solutions and is pleased to showcase its first worldwide live demo of 5GNR network based in our Multi-Rat RRH.

Come to visit us on our booth 5K13, to discuss about our alternative solutions for your network roll in all 3GPP technologies.

About AAS

Amphenol Antenna Solutions is a division of Amphenol Corporation, a \$8 billion revenue NYSE company supplying to diverse markets including the mobile networks, automotive, military/aerospace, information technology and industrial sectors. Amphenol Corporation was founded in 1932 and employs over 45,000 worldwide with product development and manufacturing operations in 30 countries.

Amphenol Antenna Solutions (AAS) was established with the singular focus of designing and manufacturing high performance antennas. Today, the company is a leading global solutions provider for wireless infrastructure systems, offering over 6,000 products with best in class performance.

AAS specializes in BTS antennas for Macro and also offers a complete line of site solutions, including transmission line products and RET system components. The company operates from seven strategically located factories to serve the global market and remains committed to **Connecting People + Technology**

About AW2S

Advanced Wireless Solutions and Services (AW2S), Subsidiary of SERMA Ingenierie, is a company specialized in the design and manufacturing of advanced and innovative Radio Products and solutions for wireless telecommunication macro base stations (RRU).

AW2S team is composed of experienced engineers: electrical/RF, Embedded software, digital signal processing, coming from the major companies of the cellular industry.

AW2S provides innovative products and solutions for wireless telecommunications systems performances enhancement for markets such as:

- Cellular
- PMR / Military
- Space
- Avionics

Visit us at Mobile World Congress 2019 in Barcelona at booth number 5K13

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