

Gapwaves and Jariet sign a MoU regarding joint development of state-of-the-art active antenna solutions

Gapwaves AB (publ) and Jariet Technologies Inc have signed a Memorandum of Understanding (MoU) regarding cooperation around development of active antenna solutions.

Gapwaves and Jariet Technologies aim to jointly explore and develop their business relationship with respect to the product development of state-of-the-art energy-efficient active antenna solutions on a global scale. The Parties intends to expand the focus after the initial phase of product development to also include sales and marketing.

Gapwaves is a listed company that provides cutting-edge antenna solutions for microwave and millimeter wave applications by means of products and services. In its product development, Gapwaves continuously advances its knowledge and IPR portfolio, consisting of the most promising technology for building active antennas with the highest level of power efficiency.

Jariet Technologies is a private company that provides system solutions based on the direct-sampling of microwave signals. Jariet is at the forefront of development and is producing the first of its kind CMOS based circuits with a highly experienced team of systems, circuit design, and layout engineers. Jariet's chips are fabricated using leading a 14nm FinFET silicon process, enabling the highest performing converters on the market with the lowest possible power consumption.

"It is very exciting to start this cooperation between our companies as we feel our strength in making chipsets for full digital beamforming needs a cutting-edge antenna technology to be realized." says Charles E. Harper, CEO of Jariet Technologies Inc.

"This cooperation is a step towards our vision, to build active antennas with full digital beamforming for 5G, where the best chipsets are tightly integrated in our antenna structures. Jariet is the first of its kind to deliver a multi-channel Digital-to-Analog / Analog-to-Digital Converter / Digital RF Transceiver chip that makes full digital beamforming possible. I feel confident in this relationship and the benefits to both parties are very clear. This gives us the opportunity to commonly demonstrate a pioneering active antenna solution at the Mobile World Congress 2018 in Barcelona," says Lars-Inge Sjöqvist, CEO of Gapwaves AB.

The agreement applies for future collaborative projects aimed at developing active antennas for 5G applications.

"The agreements do not have any direct impact on Gapwaves financials, but it is a receipt that Gapwaves technology will play a highly important part in the development of 5G base stations," says CEO Lars-Inge Sjöqvist.

Gothenburg on 2 November 2017

For more information, visit Gapwaves AB's web page www.gapwaves.com or contact CEO Lars-Inge Sjöqvist.

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This information is information that Gapwaves AB is obliged to make public pursuant to the EU Market Abuse Regulation. The information was submitted for publication, through the agency of the company, at 22:00 CET on November 2, 2017.

About Gapwaves AB

Gapwaves AB originates from research conducted at Chalmers University of Technology and was founded in 2011 to commercialize inventions for efficient wireless communication. The exponentially increasing use of data in our mobile devices creates an increasing demand for high performance wireless systems. For these systems, Gapwaves AB develops waveguide and antenna products based on the patented so called GAP waveguide



technology. The company's markets are e.g. telecom radio links, automotive radars, surveillance systems, and space observatories.

Gapwaves share (GAPW B) is traded at Nasdaq First North Stockholm and G&W Fondkommission is appointed Gapwaves AB's Certified Advisor.