



## Gapwaves signs a 5G mm-wave development contract

**Gapwaves (Nasdaq: GAPW)**, an innovative provider of waveguide antennas, today announced a prototype development agreement for a 5G mm-wave phased array waveguide antenna product with a US-based provider of advanced antenna technologies.

Gapwaves waveguides is a novel technology for market leading performance in millimeter wave applications. The innovation lies in the patented Gapwaves waveguide technology with its unique capabilities in combining low losses with the cost-efficiency for high volumes production. This results in unique advantages compared to traditional transmission lines and waveguide designs. The technology is based on an Artificial Magnetic Conductor that enables contactless propagation of electromagnetic waves, significantly reducing transmission losses.

The customer is a US-based provider of advanced antenna technologies used to enable high performance wireless networking across a broad range of devices and markets, including access, enterprise, and automotive. The customer is now expanding its portfolio through development of products supporting 5G sub-6 and millimeter wave massive MIMO beamforming architectures.

As a part of the prototype development contract, Gapwaves will develop 28 GHz 5G repeater prototypes for deployment in the customer's products. The order value for this development contract is ca 1 MSEK. With the deployment of 5G mm-wave telecommunication networks the need for repeater solutions is expected to grow significantly in order to enhance the coverage for street level hot spots, arenas and buildings.

Gapwaves CEO, Lars-Inge Sjöqvist, comments:

"We are very excited to work with such an innovative wireless solution provider. Their current product offering is impressive and they are certainly in the forefront of the technology addressing key performance challenges. Gapwaves waveguide antenna platform provides a cost efficient, low loss and high performance solution that provides a very good fit with the requirements".

For more information, please contact Gapwaves or visit [www.gapwaves.com](http://www.gapwaves.com)

### Gapwaves

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### About Gapwaves AB

*Gapwaves (NASDAQ: GAPW B) originates from research conducted at Chalmers University of Technology and was founded in 2011. Gapwaves vision is to be the most innovative provider of mm-wave antenna systems and the preferred partner to those pioneering next generation wireless technology. By leveraging the disruptive Gapwaves technology we help pioneers in telecom and automotive to create highly efficient mm-wave antenna systems that contributes to re-defining everyday life. Gapwaves markets are e.g. mmWave in 5G telecom and automotive.*

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