

Press release from Gapwaves AB (publ)

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Gapwaves receives design contract for automotive radar antenna

Following the prototype development contract signed in December 2018, Gapwaves has signed a design agreement for further development of antennas for 77GHz automotive radar with the same customer. The agreement is a continuation of the development of antenna prototypes that has been delivered to a Tier 1 supplier to the automotive industry. The total order value is estimated to ca 5 MSEK with expected delivery during the second quarter 2019.

The design agreement is a continuation of the prototype agreement signed in December 2018. As part of this agreement, antenna prototypes based on Gapwaves waveguide technology for 77GHz short-range automotive radar have been developed and delivered for tests and verifications. The design agreement now entered into includes further development based on new specifications and to meet the customer's requirements for integration into an automotive radar system. The project will run for the first half of 2019 and include design and development work in addition to prototype deliveries.

"We are very proud the antenna prototypes delivered in the first phase have been so well received and that we now have agreed on a continuation with a second, considerably larger, development project. The opportunity to further adjust the design for integration into a high volume automotive radar system is a large step towards becoming a supplier of antennas for next generation's automotive radars", says Lars-Inge Sjöqvist, CEO at Gapwaves.

As a result of the progress within the development of active safety systems (ADAS), the demands from the automotive industry for better radar solutions have increased. Automotive radars are currently used for applications such as adaptive cruise control and blind spot detection, but the fields of use are expected to increase in the future. From 2020 Euro NCAP will require autonomous emergency braking systems for vulnerable road users in all vehicles receiving five-star rating. The Gapwaves waveguide technology enables for an efficient, low-loss, antenna for 77 GHz radar providing a larger field of view and better performance (a factor 2 both in transceiver and receiver mode) compared to today's PCB-based antenna solutions.

For more information, please visit the company's websites or contact:

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About Gapwaves AB

Gapwaves 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.

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mmWave in 5G telecom and automotive. Gapwaves share (GAPW B) is traded at Nasdaq First North Stockholm.