

Press release from Gapwaves AB (publ)

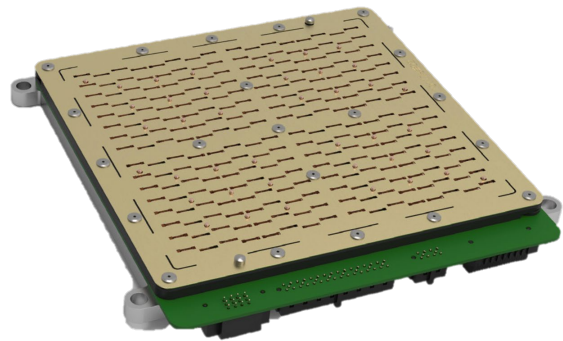
Göteborg 10 February 2020

Gapwaves launches new 5G mmWave Phased Array Antenna

Driven by the increasing demand for 5G mmWave infrastructure, Gapwaves launches a new highly efficient 5G mmWave Phased Array Antenna for integration in 28 GHz base stations. With antenna modules based on Gapwaves patented low loss waveguide technology and innovative design, customers can develop high performance base stations while ensuring fast time-to-market.

Gapwaves new phased array antenna with +56 dBm EIRP* offers best in class performance with market-leading power efficiency, addressing the 5G mmWave challenges:

- Extending the range of 5G mmWave systems
- Improving power efficiency
- Increasing uplink performance
- Integration of low-loss waveguide filters
- Improving cost efficiency and scalability for high volume production



Gapwaves 5G 28GHz 5G mid-power Phased Array Antenna R1

Lars-Inge Sjöqvist, CEO of Gapwaves comments:

“It is a great pleasure to launch our new 28GHz antenna to the global market and have the opportunity to continue developing very competitive 5G products together with our customers. The market for 5G and millimeter waves is still in its early days and I am sure that Gapwaves technology will be used in many solutions going forward.”

The new product, 5G 28 GHz Mid-power Phased Array Antenna R1 with +56 dBm EIRP* will be released and on display at the largest telecom fair in the world, GSMA MWC in Barcelona 24-27 February. Meet Gapwaves in Hall 1 booth 1B 100 and explore our offerings for millimeter wave applications. Book an appointment for a meeting with Gapwaves on <https://www.gapwaves.com/mwc>

Gapwaves develops waveguide antennas for millimeter wave frequencies based on a patented technology enabling cost-efficient high-volume manufacturing methods. The technology allows for efficient antennas with low signal losses, high EIRP, excellent thermal handling as well as the ability to reduce the number of active components. Main application areas are 5G millimeter wave antennas, point-to-point backhaul solutions as well as antennas for automotive radars.

For more information, please visit the company's website www.gapwaves.com

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* +56dBm EIRP @ 9dB back-off

GAPWAVES

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About Gapwaves

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.