

BeammWave makes the world's first Over-The-Air demonstration of Distributed Digital Beamforming

The Swedish company BeammWave has further established their thought leadership in digital beamforming by doing the world's first demonstration of distributed digital beamforming.

The demonstration was first shown for customers late this summer and has since been solidified and integrated into the BeammWave Advanced Development Platform (ADP1). BeammWave claims that this is proof of the BeammWave concept, as well as it shows that there is a viable solution for the technical problems and slow uptake of mmWave in 5G.

"We defined this concept back in 2013 and then also defined what design criteria that needed to be met for the concept to be viable for high-volume smartphones. We have since proved first through simulations, then on component level and now we have shown it in Over-The-Air system setup using 5G modulated data", says Per-Olof Brandt, co-founder and CTO at BeammWave.

"This is a game changer not only for 5G, but it will also have an impact on how higher frequency spectrum can be used in future generations like 6G and how it can drive the new use cases that everyone has been waiting for", says Stefan Svedberg, CEO at BeammWave.

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About Us

BeammWave AB are experts in communication solutions for frequencies over 24GHz. The company is building a solution intended for 5G and 6G, in the form of a radio chip with antenna and associated algorithms. The company's approach with digital beamforming is unique and patented, with the aim of delivering a solution with higher performance at a lower cost. The company's share serie B (BEAMMW B) is listed on the Nasdaq First North Growth Market in Stockholm. Certified Adviser is Redeye AB.

Image Attachments

[Stefan & Per Olof](#)