



VERASONICS AWARDED UNITED STATES PATENT FOR ULTRASONIC TRANSCEIVER DESIGN

Kirkland, WA, November 19, 2024 – [Verasonics, Inc.](#), the leader in research ultrasound, today announced that on September 17, 2024 the United States Patent and Trademark Office issued US patent number 12,089,991, “Ultrasound Transmitter with Low Distortion and Concurrent Receive”, covering an ultrasonic transceiver design providing the ability to transmit high power and high frequency arbitrary waveforms with low image distortion, and enabling concurrent receive and monitoring of the transmit signal through the receiver during the transmit period. This is one of many Verasonics patents issued worldwide covering ten unique technologies.

This patent protects the novel transceiver design utilized in the Company’s Vantage® NXT Research Ultrasound System. Vantage *NXT* is the successor to Verasonics’ pioneering and industry-leading Vantage Research Ultrasound System. The Company is in the process of filing for protection in several key territories worldwide.

“We are incredibly proud to have secured this patent for one of our core technologies.” said Jon K. Daigle, President and Chief Executive Officer at Verasonics. “Our novel high-fidelity transceiver technology in Vantage *NXT* overcomes many of the deficiencies of conventional transceivers and opens new research application areas for our customers to explore in high frequency, signal coding, and more.”

Visit our website for more information about [Vantage NXT Research Ultrasound Systems](#).

About Verasonics, Inc.

Verasonics is a privately held company founded in 2001, with headquarters in Kirkland, Washington, USA. Verasonics, the leader in research ultrasound, is focused on providing researchers and developers with the most advanced and flexible tools enabling them to develop new algorithms and products used in biomedical ultrasound, materials science, earth sciences, and the physics of acoustics and ultrasonics. Verasonics also licenses its technology to companies for use in their commercial products. Researchers in countries across North and South America, Europe, Asia and Oceania routinely use Verasonics product solutions to advance the art and science of ultrasound through their own research efforts.

Learn more by visiting the Verasonics [website](#) or following us on [LinkedIn](#) and [X \(Formerly Twitter.\)](#)

Media Contact:

Verasonics, Inc.

Toni Baumann

T: 425-242-7506

E: tonibaumann@verasonics.com