vermon

3D Imaging
Row-Column Array Probe

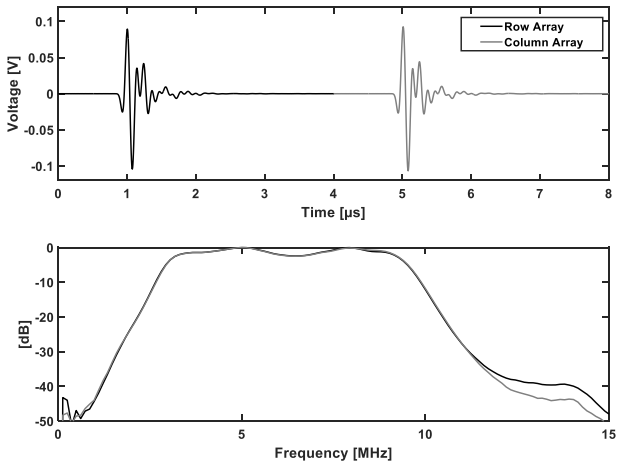
6 MHz | 2x128 elements | 200 µm pitch | footprint 30x30 mm²

In partnership with Verasonics®, this newly developed Row-Column Array (RCA) probe offers high-performances for 3D imaging applications.

INNOVATIVE 3D IMAGING RCA PROBE

3D RCA PROBE SPECIFICATIONS

>	Center frequency @-6dB	6.0 MHz
>	Fractional Bandwidth @-6dB	100 %
>	Lower band-edge@-6dB	3.0 MHz
>	Upper band-edge@-6dB	9.0 MHz
>	Axial resolution @-20dB	600 ns
>	Acoustic aperture	25.6 x 25.6 mm²
>	Flat front-face filler	



With a reduced number of only 256 channels based on two orthogonal 1D arrays of 128 elements, this 3D imaging RCA probe has fine pitch and an innovative acoustic stack design to offer **high performances with reduced cost and complexity.**

3D imaging capabilities are available on Verasonics® Vantage scanner.

VERMON

Vermon is leading the development and industrialization of state-of-the-art ultrasound solutions for medical and industrial applications.

Vermon's commitment is to innovate, design and manufacture advanced transducers and arrays with cutting-edge technology to support its customers' innovative ultrasound applications while strengthening their long-term market position with superior ultrasound imaging performances.

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