

In partnership with Vermon, Verasonics is pleased to offer the RC6gV and the RC15gV Row-Column Array Transducers with volume imaging capabilities.

Row-Column Arrays may provide a more cost-effective approach to volume imaging because they can eliminate the high-channel-count requirement of many matrix arrays and do not require multiplexing.

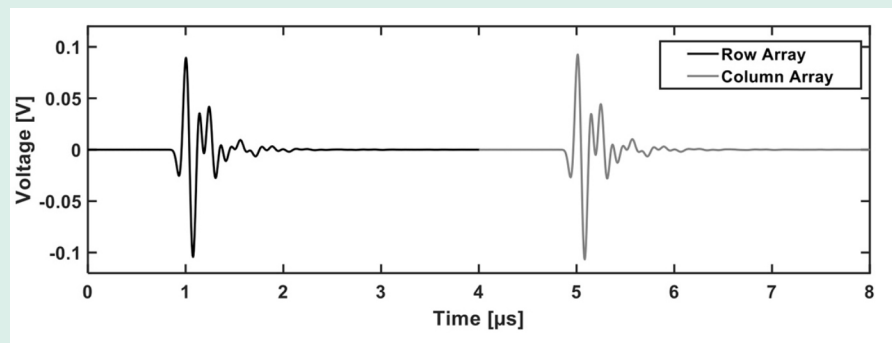
Supported on the Vantage *NXT* 256 mid-frequency and high-frequency systems / Vantage 256 standard frequency and high-frequency systems, these transducers require the UTA 408-GE adapter.



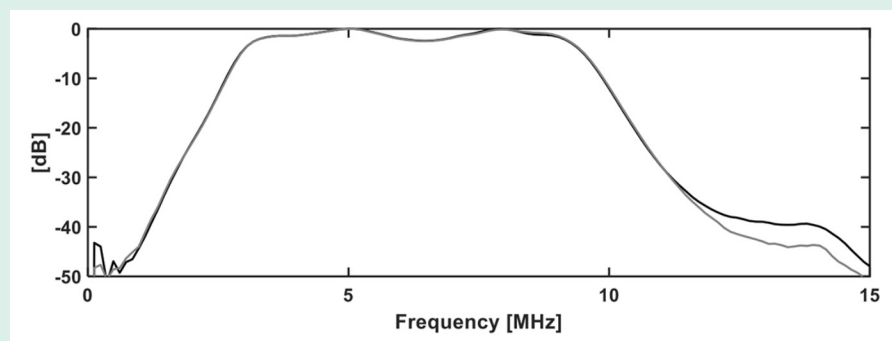
RC6gV Specifications and Values

Center Frequency	6 MHz
Number of elements	256 (128 x 2)
Bandwidth (-6 dB)	>90 %
Pitch	0.2 mm
Element Width	0.175 mm
Element Length	25.6 mm
Active aperture	25.6 x 25.6 mm ²
Cable length	2 m
UTA connector	UTA 408-GE

Transducer impulse response



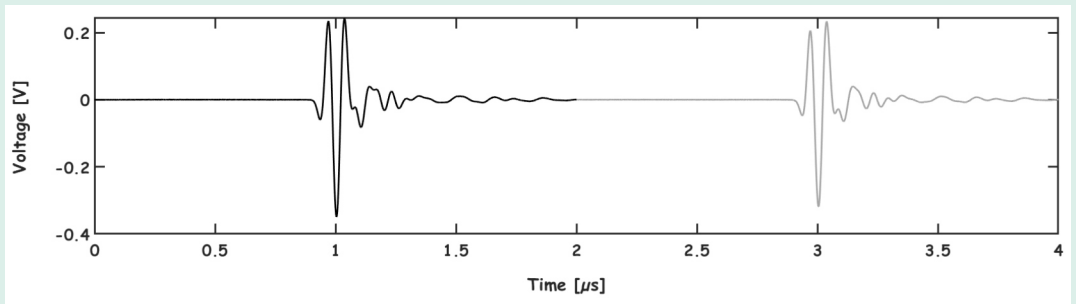
Transducer frequency response



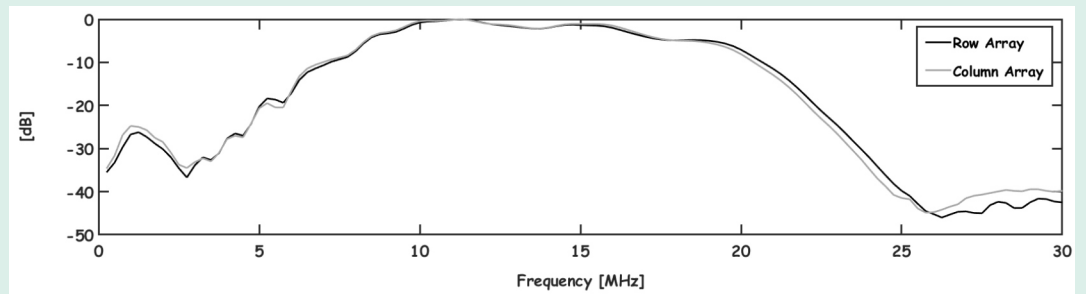
RC15gV Specifications and Values

Center Frequency	15.0 MHz
Number of elements	160 (80 x 2)
Bandwidth (-6 dB)	80%
Pitch	0.11 mm
Element Length	8.8 mm
Active aperture	8.8 x 8.8 mm ²
Cable length	2 m
UTA connector	UTA 408-GE

Transducer impulse response



Transducer frequency response



Performance specifications and graphics courtesy of vermon

vermon

Verasonics is proud to partner with Vermon to make this transducer available to the worldwide ultrasound research community.

For more information or a quotation, please contact sales@verasonics.com

