Verasonics®
The leader in Research Ultrasound™

RC6gV Row-Column Array Transducer

In partnership with Vermon, Verasonics is pleased to offer the RC6gV, a newly developed Row-Column Array Transducer with volume imaging capabilities.

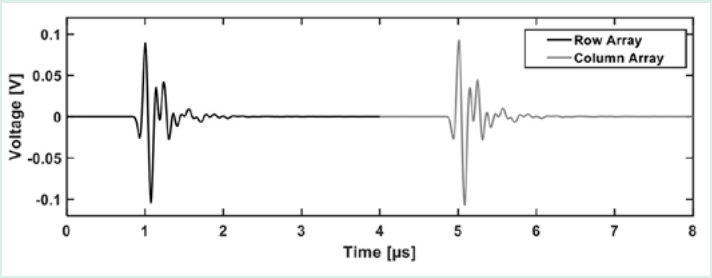
The RC6gV features orthogonally oriented arrays of 128 elements each, with a 0.2 mm pitch and 100% bandwidth. Row-Column Arrays may provide a more cost-effective approach to volume imaging because they can eliminate the high-channel-count requirement of many matrix arrays.

Now available and supported on the Vantage 256 standard frequency and high frequency systems by using the 4.6 software release, which includes a number of example scripts. This probe requires the UTA 408 GE adapter.

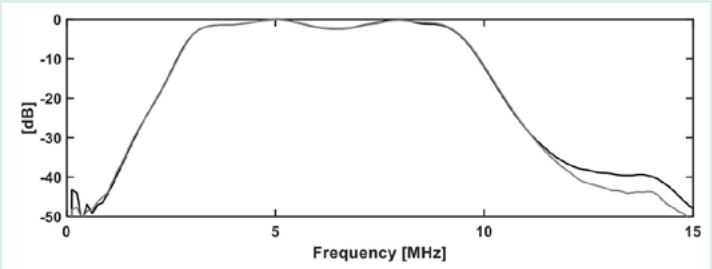
RC6gV Specifications and Values

Center Frequency	6 MHz
Number of elements	256 (128 x 2)
Bandwidth (-6 dB)	100 %
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



**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
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