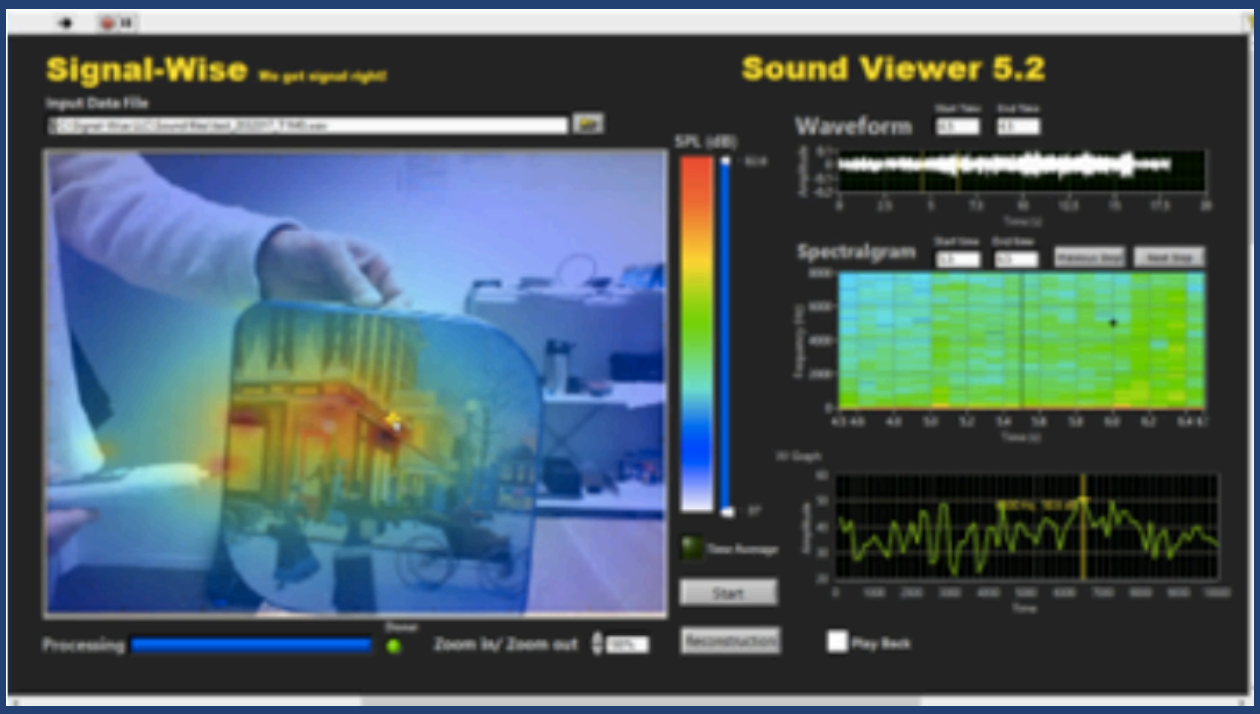
Signal-Wise: we get the signal right

Sound Viewer

Shell Structure

Sound Viewer enables one to handle both airborne and structure-borne, transient and stationary sound sources in a non-ideal environment and allows one to analyze STL of different materials.



Sound Viewer — A one-of-a-kind comprehensive noise diagnosis and analysis system

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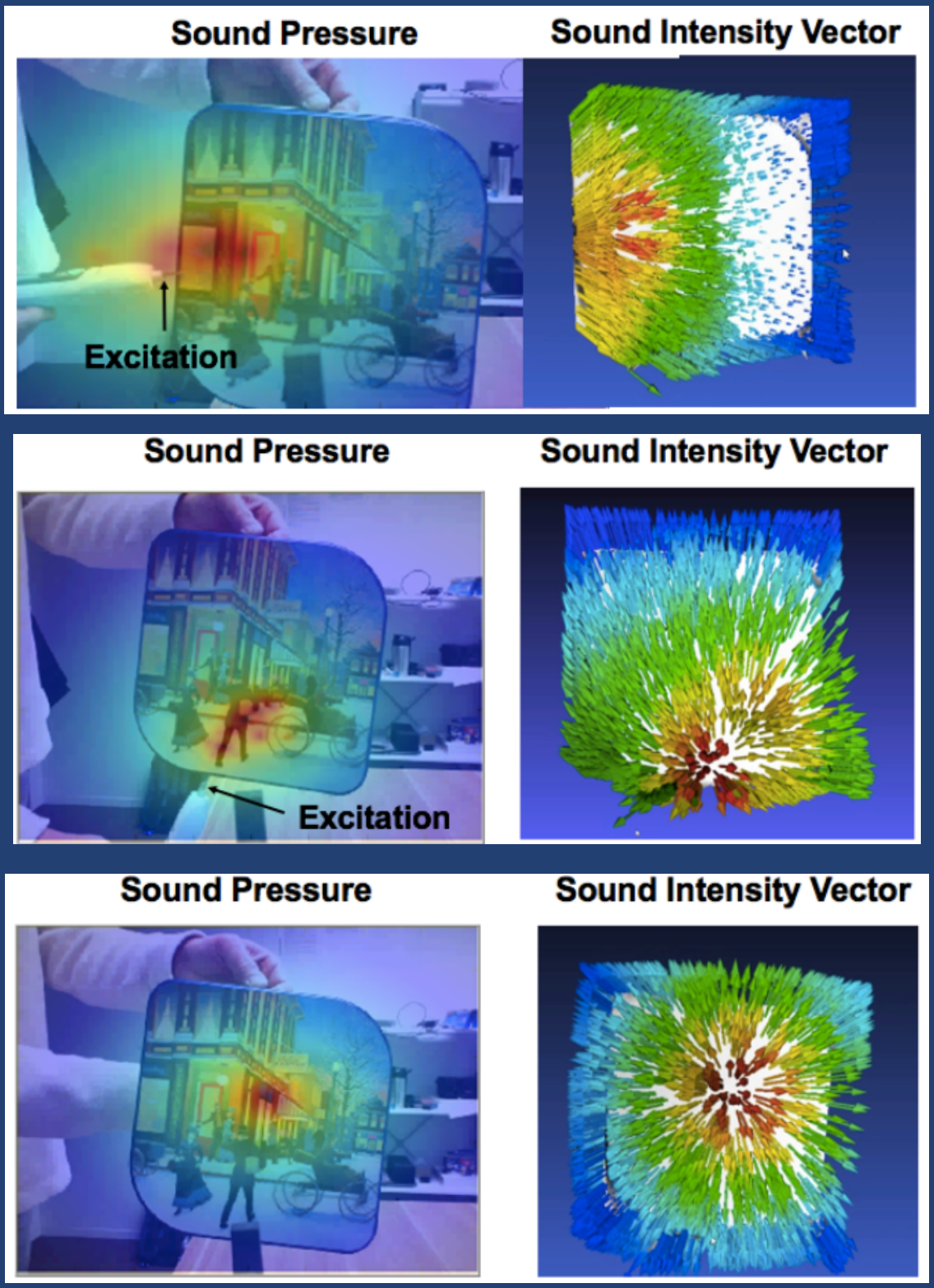

Sound Viewer enables one to see the acoustic pressure and acoustic intensity vector distributions when the shell was excited at different locations.

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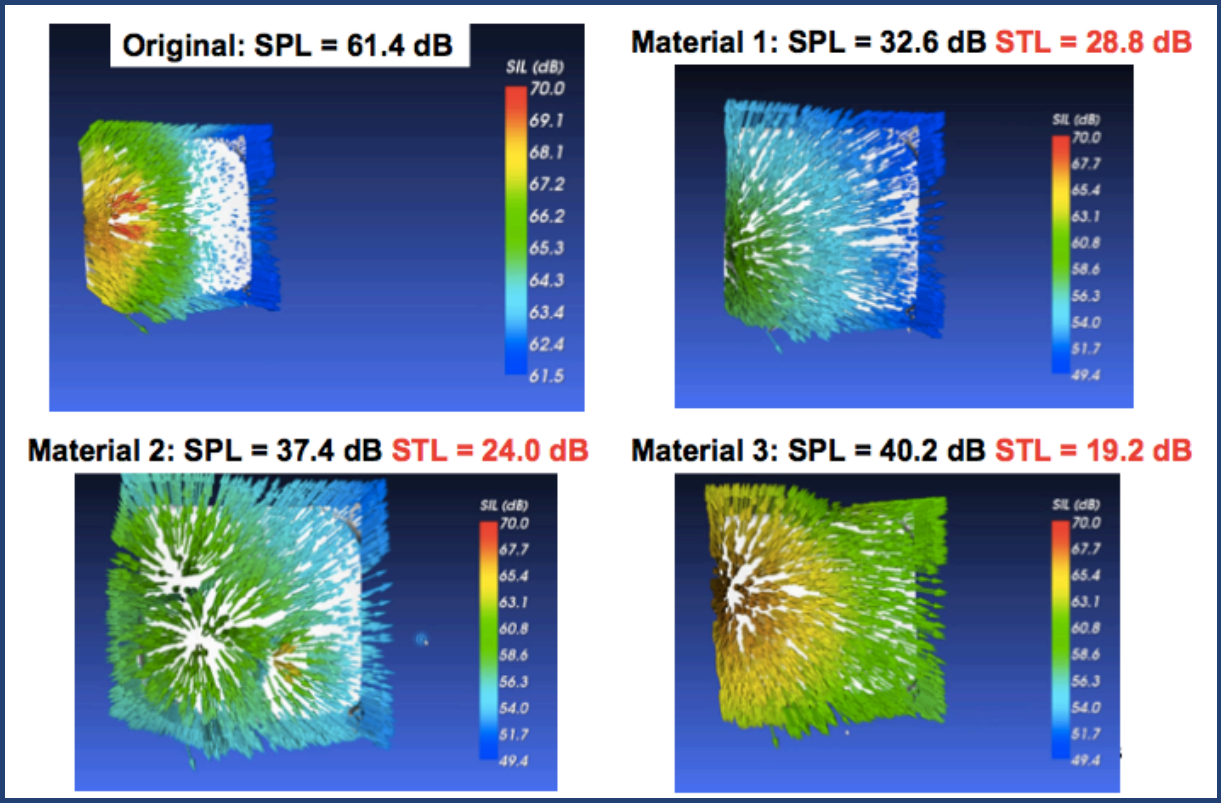
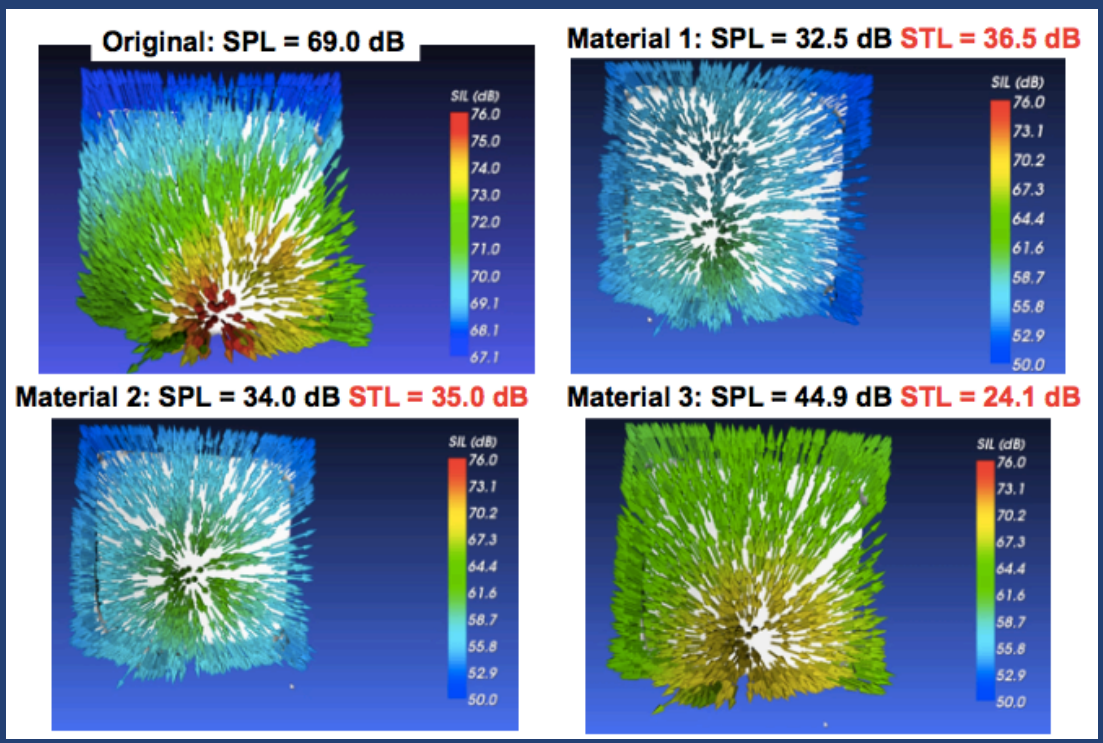


Excitation from the side edge.



Excitation from the bottom edge.

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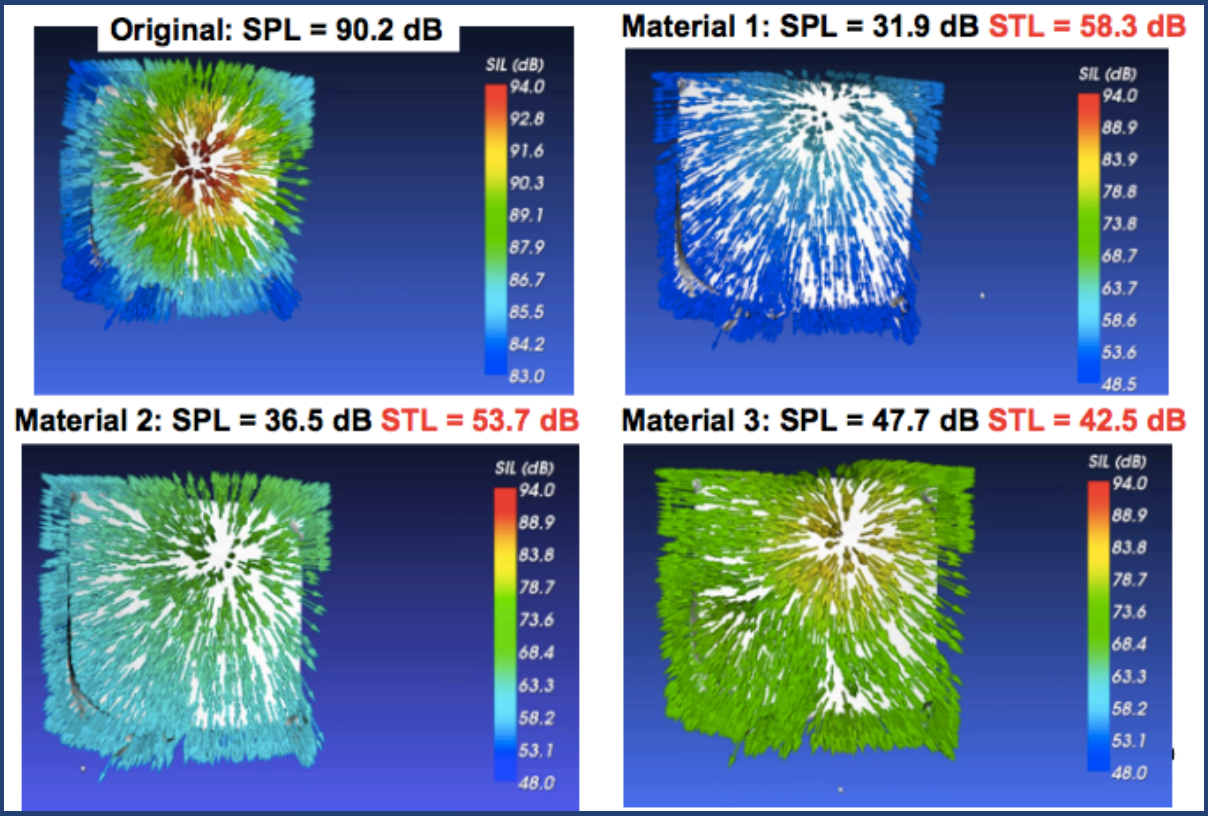

Excitation from the back side directly.

Sound Viewer allows one to analyze STL values with different damping materials when the shell was excited at different locations, namely, from its side, bottom, and back.

Material Pads \ Excitation Location	Side Excitation	Bottom Excitation	Back Excitation
Dampening Material Pad #1	28.8 dB	36.5 dB	57.3 dB
Dampening Material Pad #2	24.0 dB	35.0 dB	53.7 dB
Dampening Material Pad #3	19.2 dB	24.1 dB	42.5 dB

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