

# Signal-Wise: we get the signal right

## Sound Viewer

### Structural Damping Ratios

Sound Viewer enables one to analyze structural damping ratios of an arbitrarily shape structure.<sup>1</sup>



The front dash panel of a full-size truck.



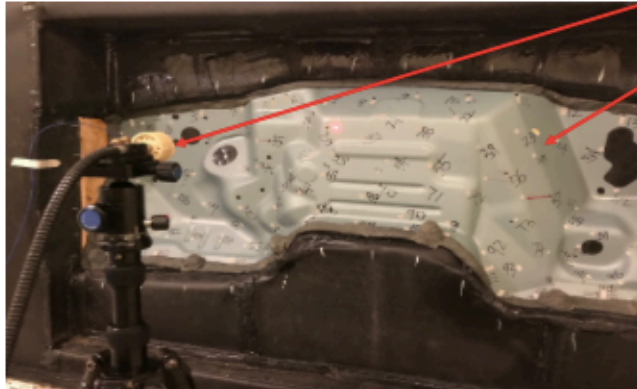
Sound Viewer — A one-of-a-kind comprehensive noise diagnosis and analysis system

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<sup>1</sup> Provided that the 3D model of the structure is available. This 3D model can be generated by CAD or using a 3D scanner, which are not included in the Sound Viewer package.

# Signal-Wise: we get the signal right

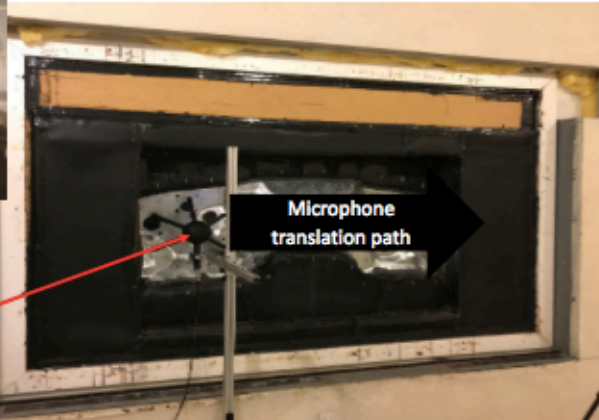
## ➤ Measure velocity



Laser vibrometer

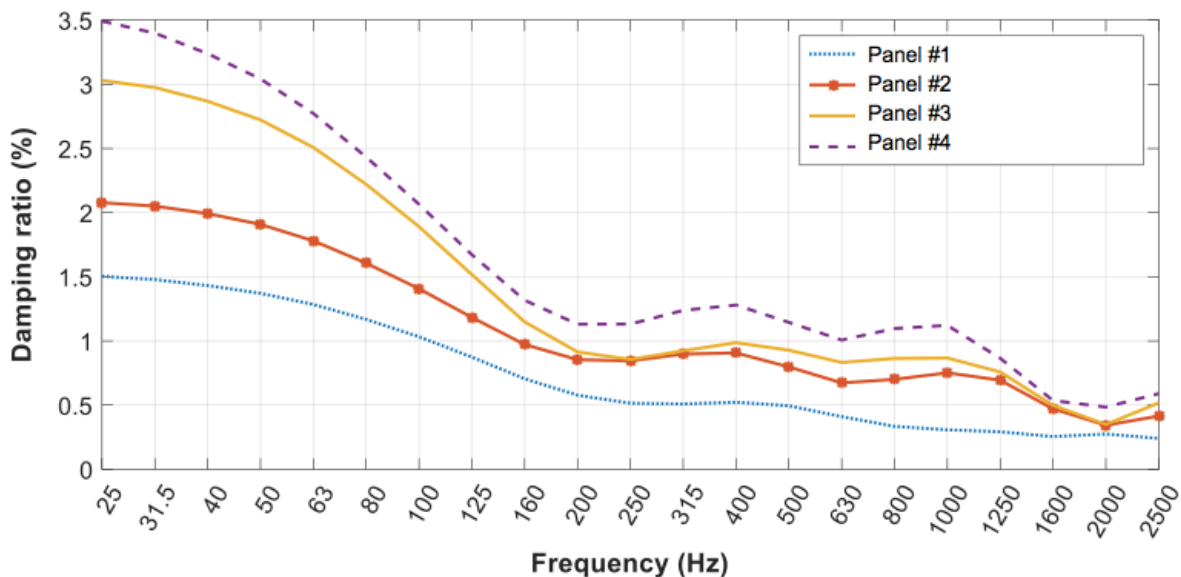
Dash panel

## ➤ Measure Pressure



Sound Viewer

Analyzing STL by using a laser vibrometer and Sound Viewer™.



Sound Viewer™ enables one to determine the structural damping ratios the front dash panel designs of a full-size truck.