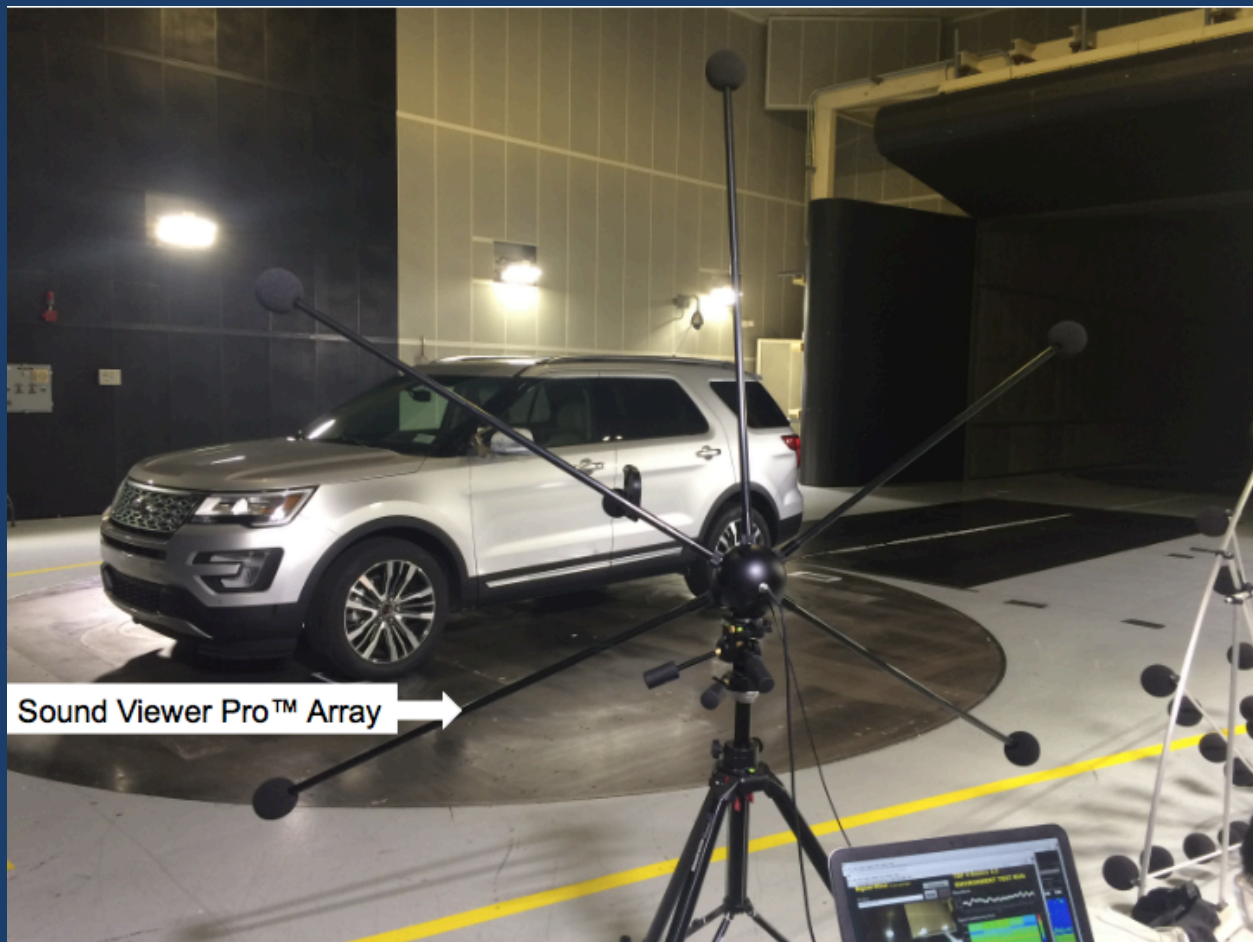


Signal-Wise: we get the signal right

Sound Viewer

3D Scanning Inside A Wind Tunnel



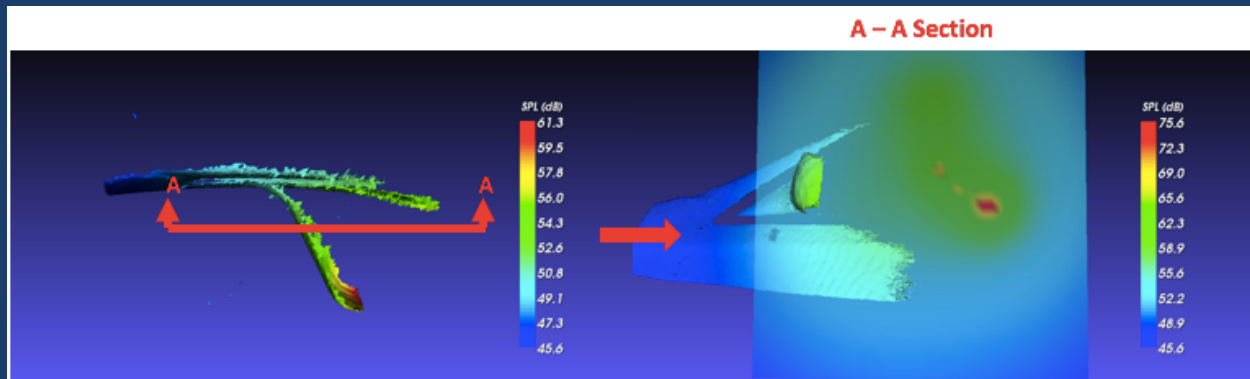
Sound Viewer is capable of reconstructing the acoustic pressure distribution on an arbitrarily shaped object or the entire structure,¹ and is suited for wind tunnel tests to locate multiple sound sources through 3D CAT scanning over the frequency range of 20 – 20,000 Hz.

¹ 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

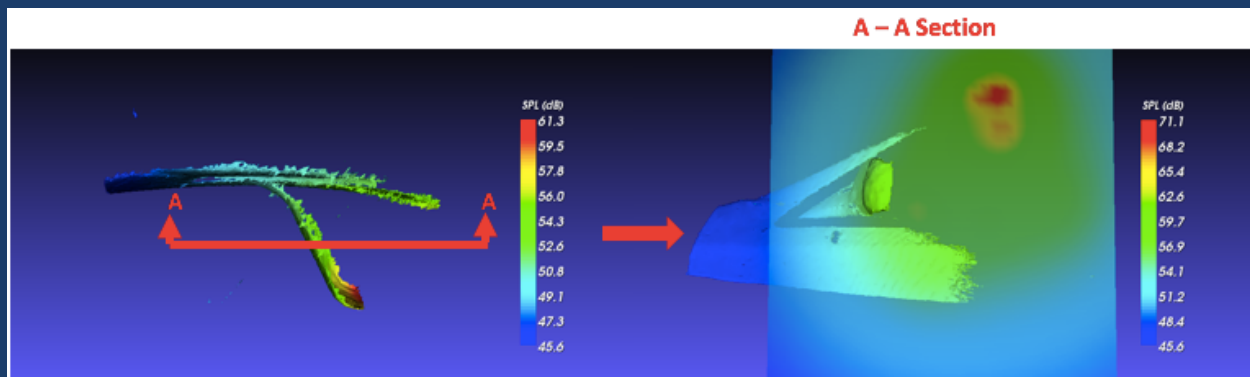
Flow-wise vertical scanning

Viewing from side of a rearview mirror



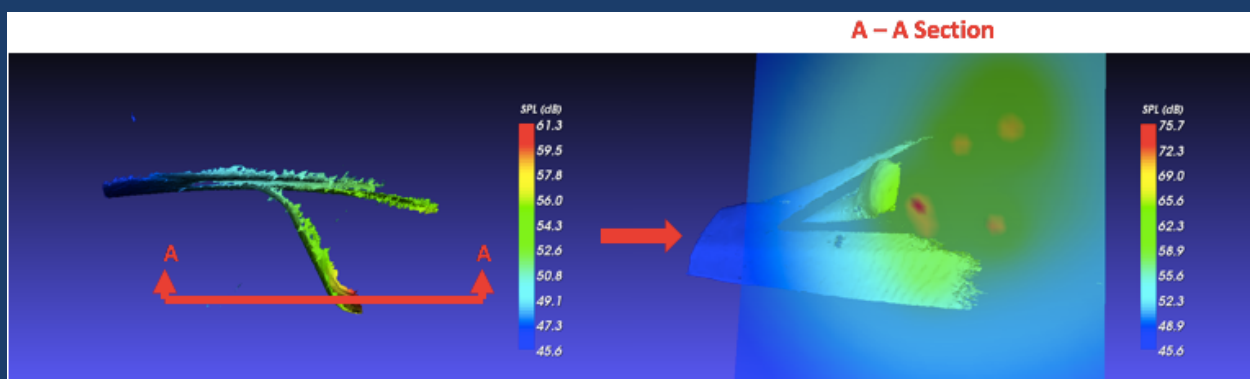
Flow-wise vertical scanning

Viewing from side of a rearview mirror



Flow-wise vertical scanning

Viewing from side of a rearview mirror



Sound Viewer enables one to visualize the acoustic pressure distribution on any vertical plane parallel to the flow inside a wind tunnel.

Signal-Wise: we get the signal right

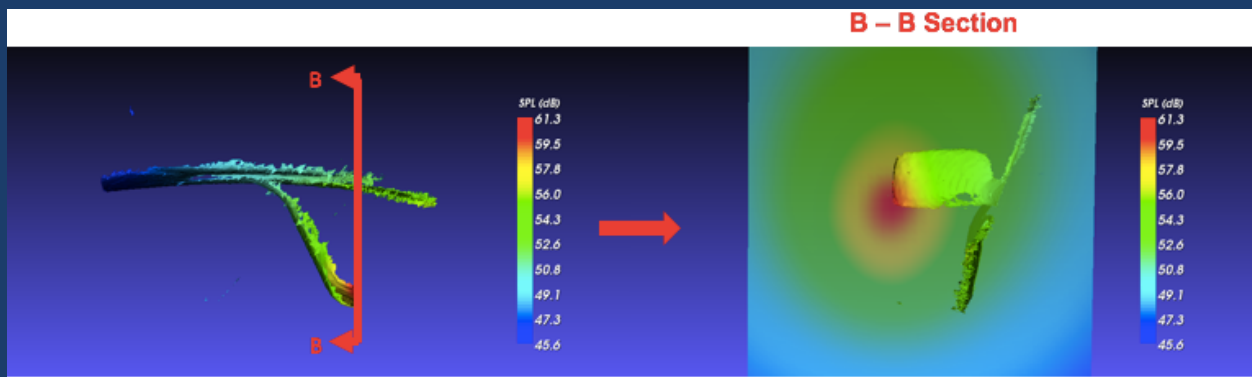
Perpendicular vertical scanning

Viewing from front of a rearview mirror



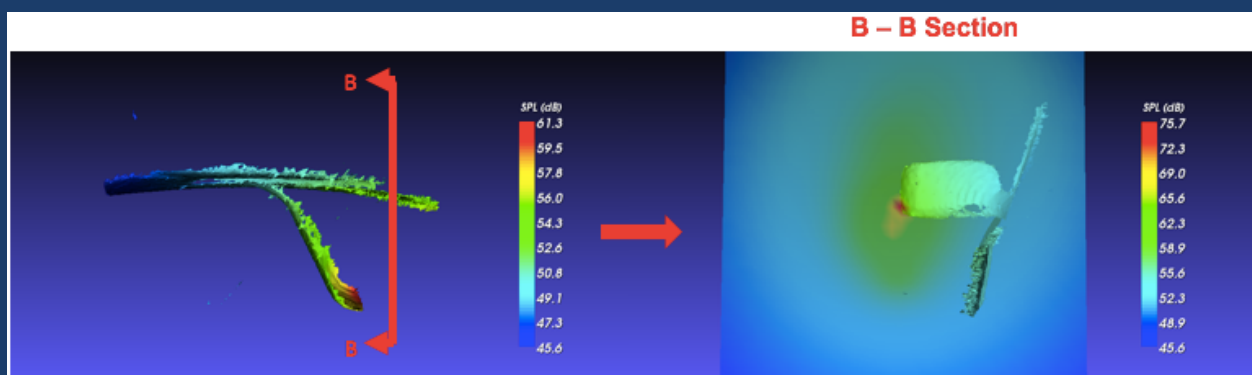
Perpendicular vertical scanning

Viewing from back of a rearview mirror



Perpendicular vertical scanning

Viewing from back of a rearview mirror

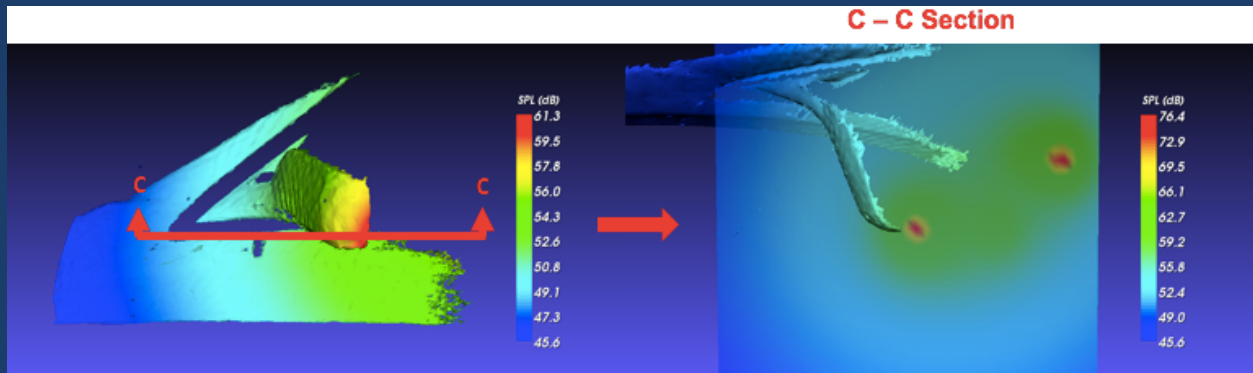


Sound Viewer enables one to visualize the acoustic pressure distribution on any vertical plane perpendicular to the flow inside a wind tunnel.

Signal-Wise: we get the signal right

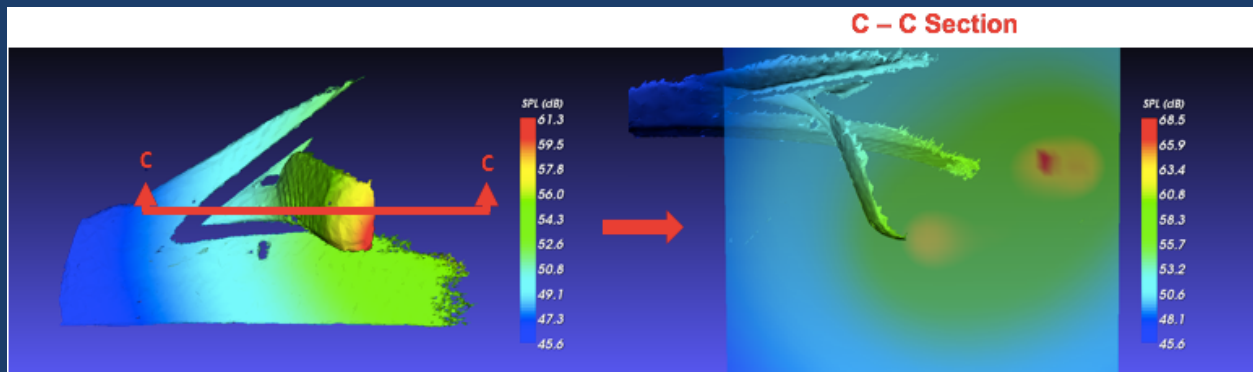
Horizontal scanning

Viewing from top of a rearview mirror



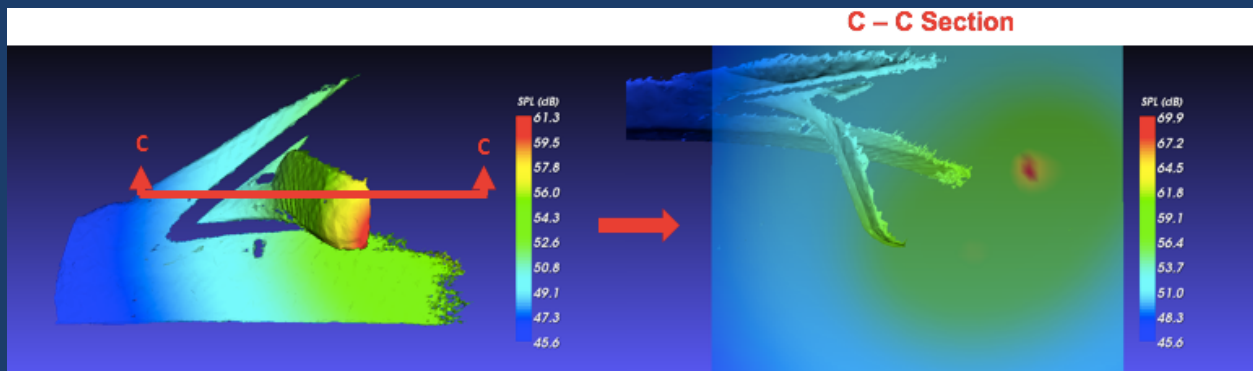
Horizontal scanning

Viewing from top of a rearview mirror



Horizontal scanning

Viewing from top of a rearview mirror



Sound Viewer enables one to visualize the acoustic pressure distribution on any horizontal plane parallel to the flow inside a wind tunnel.