SLIM 👍

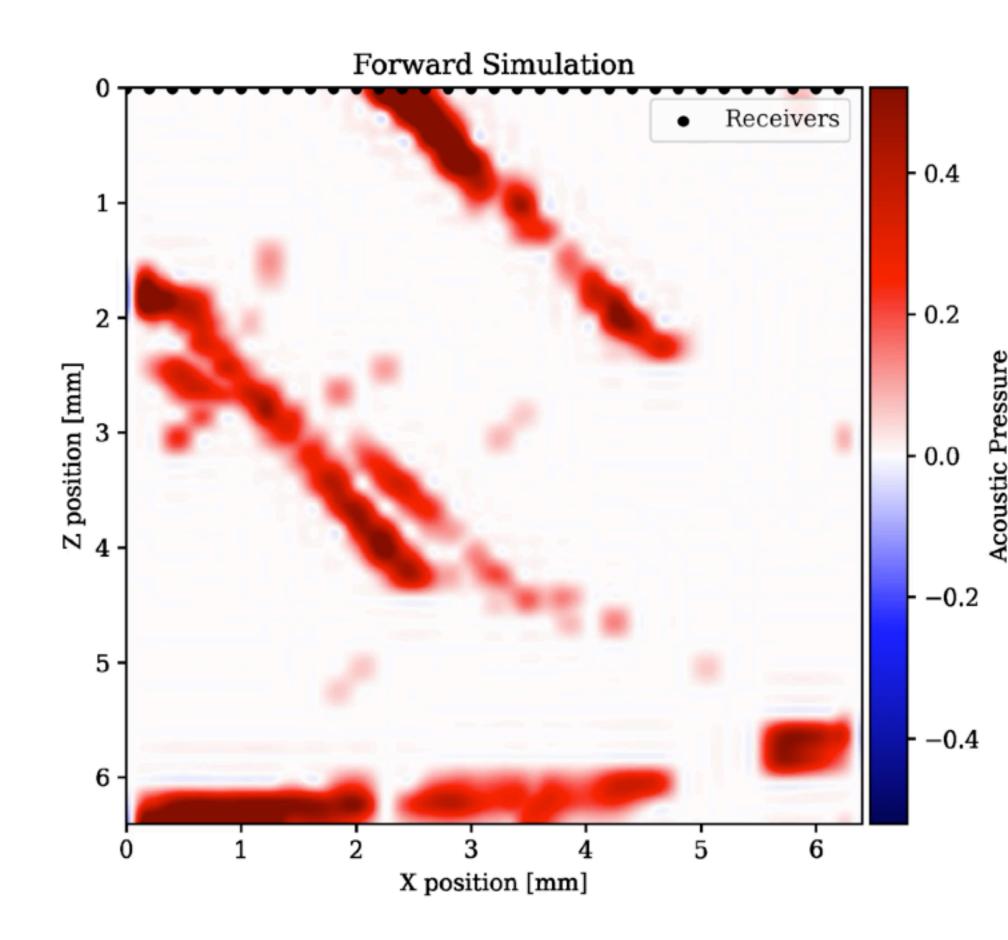
Forward Problem

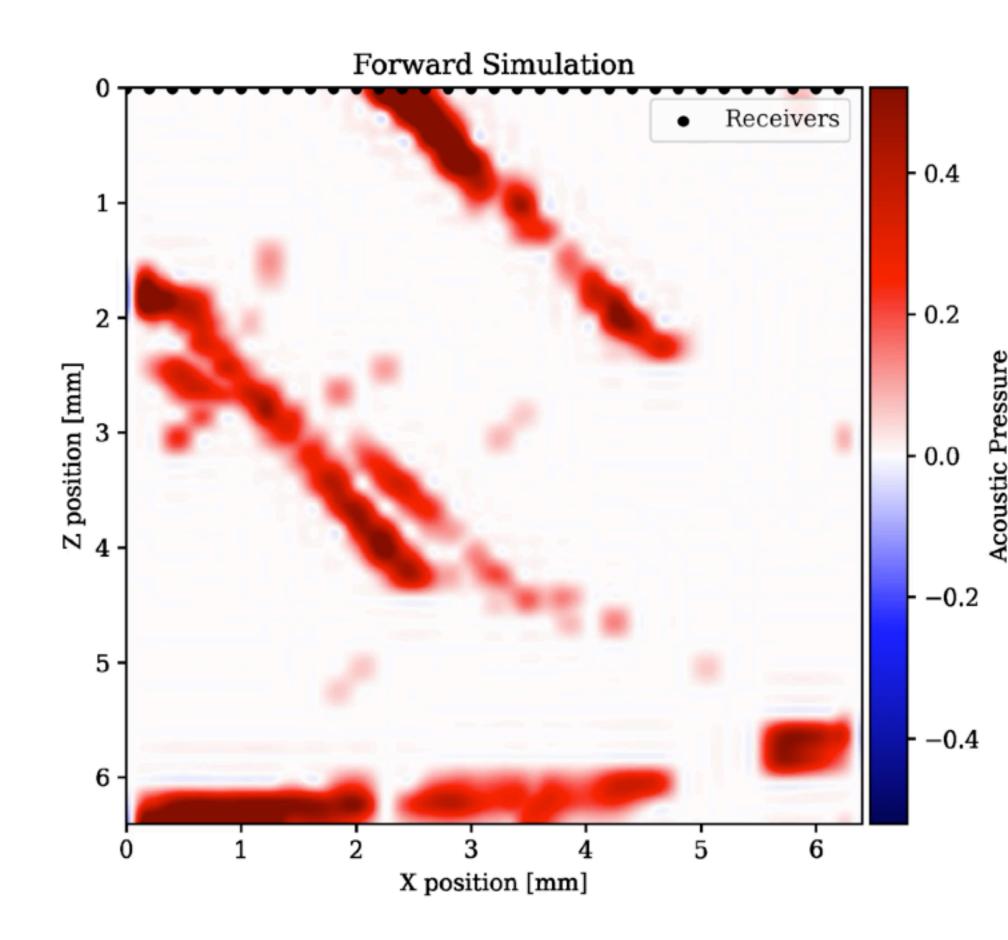
Given initial pressure distribution calculate pressure at receivers:

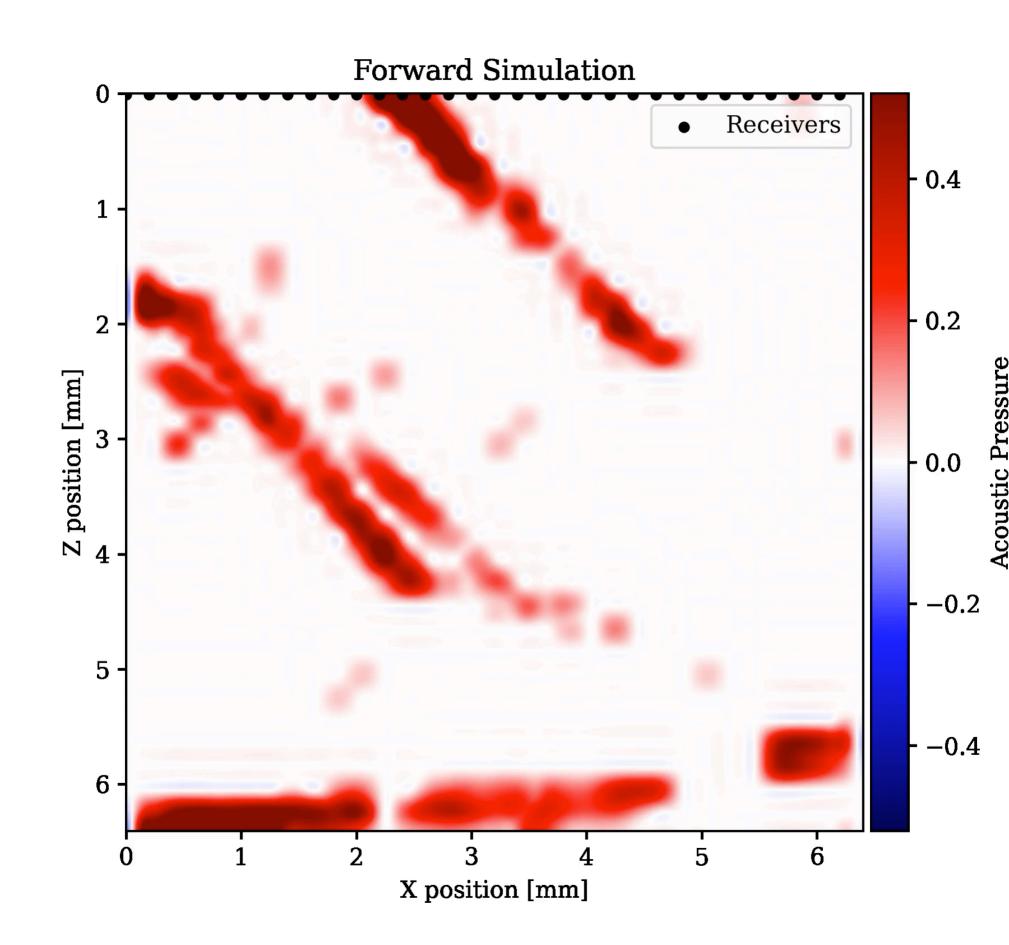
 $u(x,0) = p_0(x)$

 $\frac{-u(x,0)=0}{\partial t}$

 $\frac{1}{c_0^2} \frac{\partial^2}{\partial t^2} u(x, t) - \Delta u(x, t) = 0$







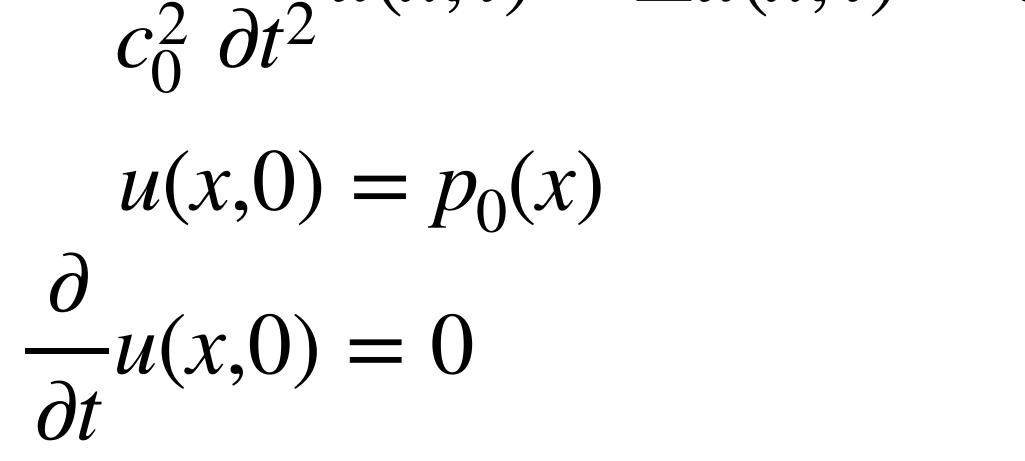
Forward Problem

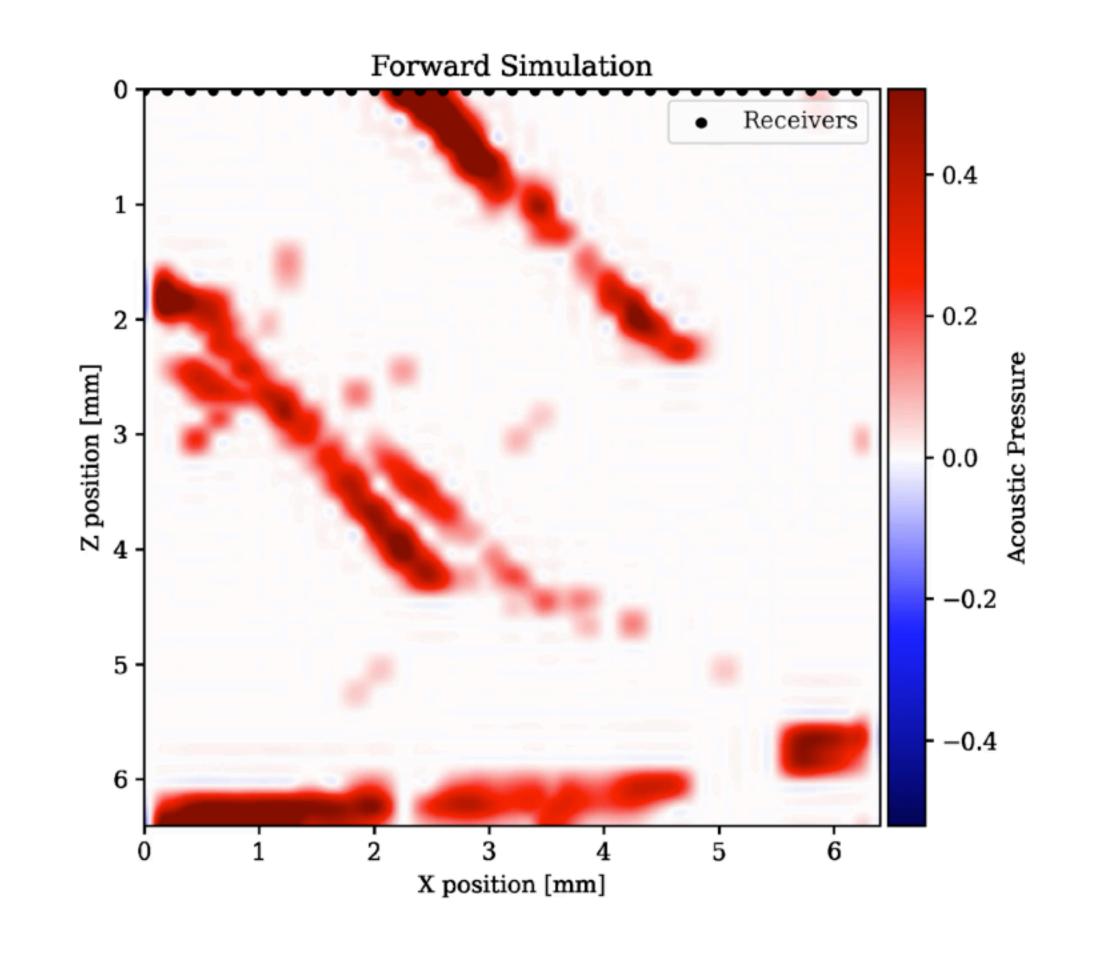


Given initial pressure distribution calculate pressure at receivers:

$$\frac{1}{c_0^2} \frac{\partial^2}{\partial t^2} u(x, t) - \Delta u(x, t) = 0$$

$$u(x, 0) = p_0(x)$$





Limited-View Receiver Geometry



Geometry of human tissue entails limited-view

- planar array for 3D
- linear array for 2D

