

# **Data relating to the paper “Insights into transducer-plane streaming patterns in thin-layered acoustofluidic devices”**

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## **Description for all the data shown in the folder**

### **1. “Numerical models used to simulate devices”:**

A model is shown in this folder to demonstrate the “*eight-octant transducer plane streaming*” in a thin-layered acoustofluidic manipulation device.

The numerical method and procedures have been explicitly described in supplemental information of the paper, titled “Insights into transducer plane streaming patterns in thin-layered acoustofluidic devices”.

### **2. “PIV data of streaming flows”:**

An image pair is shown as an example of the  $\mu\text{piv}$  measurement of the acoustic streaming velocity fields in the glass capillary.

These two images were recorded at a time interval of approximately 0.234 s.

The file has a .fig extension is the  $\mu\text{piv}$  results obtained from Matlab.

Data generated at the University of Southampton between February and December 2016. RAR data file compiled December 2016