

## Supplementary information

### Spatially resolved solid-state reduction of graphene oxide thin films

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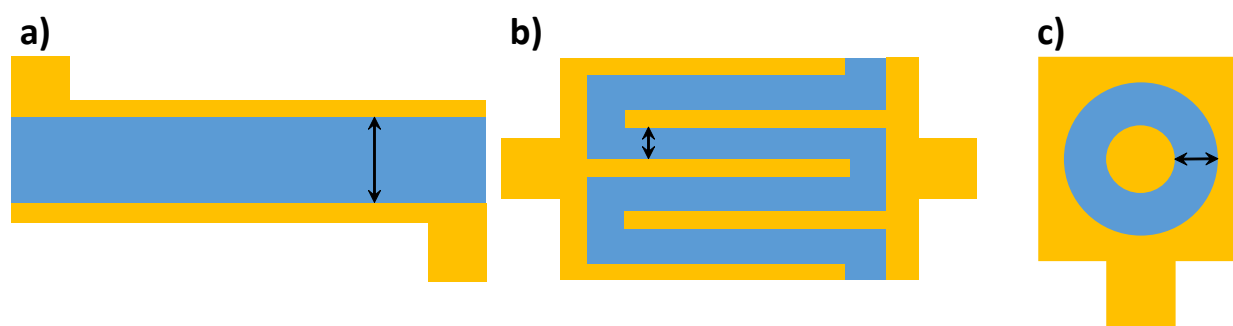
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**Figure S1.** Schematic of the test structures with a) in-plane, b) interdigitated fingers and c) co-centric circular electrodes. The arrow shows the spacing between the electrodes which was varied. The yellow regions indicate the electrode area. The blue region represents graphene oxide.