

## Supplementary Materials

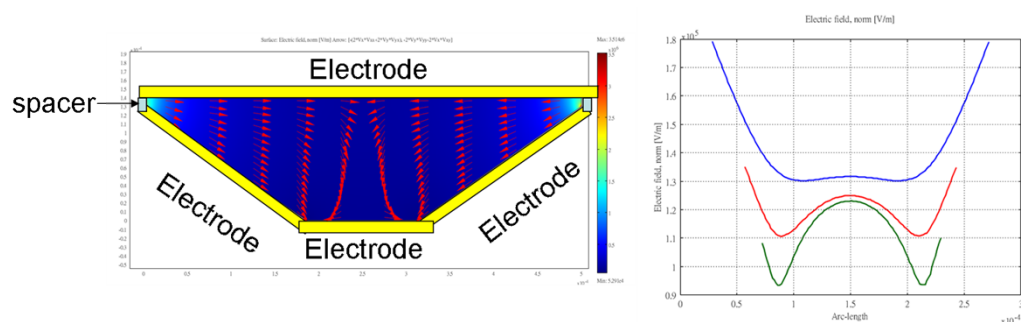


Figure S1 Finite element simulation of electric field for 3D trapezoid electrode configuration. The design of the trapezoid channel shows that the electric field distribution has two second minima field regions near the lower line.