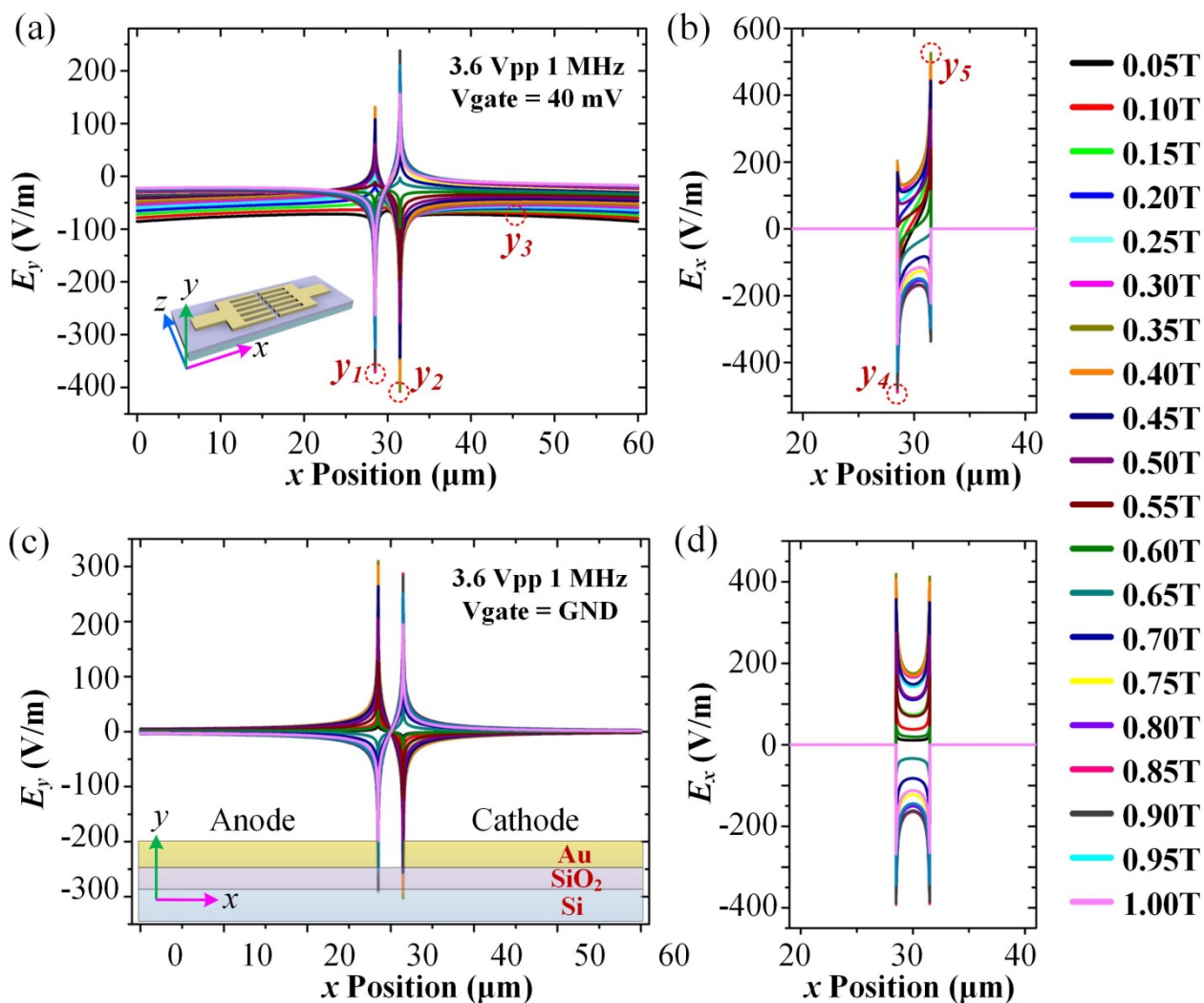# Electric Supplementary Information

An electric-field assisted growth control methodology for integrating ZnO nanorods with micro structures

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Simulation Results of Electric Field

Figure S1 (magnified graph of Figure 4 in the manuscript) is the Simulation results of the y and x components of electric field vector. Fig. S1(a), S1(c), S1(e) and S1(g) show y components of electric field intensity (E_y) under different conditions. Fig. S1(b), S1(d), S1(f) and S1(h) show x components of electric field intensity (E_x) (corresponding to (a), (c), (e) and (g)). The coordinate system is defined in Fig. S1(a) and the schematic of 2-D model in x-y plane is shown in Fig. S1(c).The definition of output parameters (y_1, y_2, y_3, y_4, y_5) are illustrated in Fig. S1(a) and S1(b). The legend on the right side of Fig. S1(b) shows the specific time in one period (T) for each color.
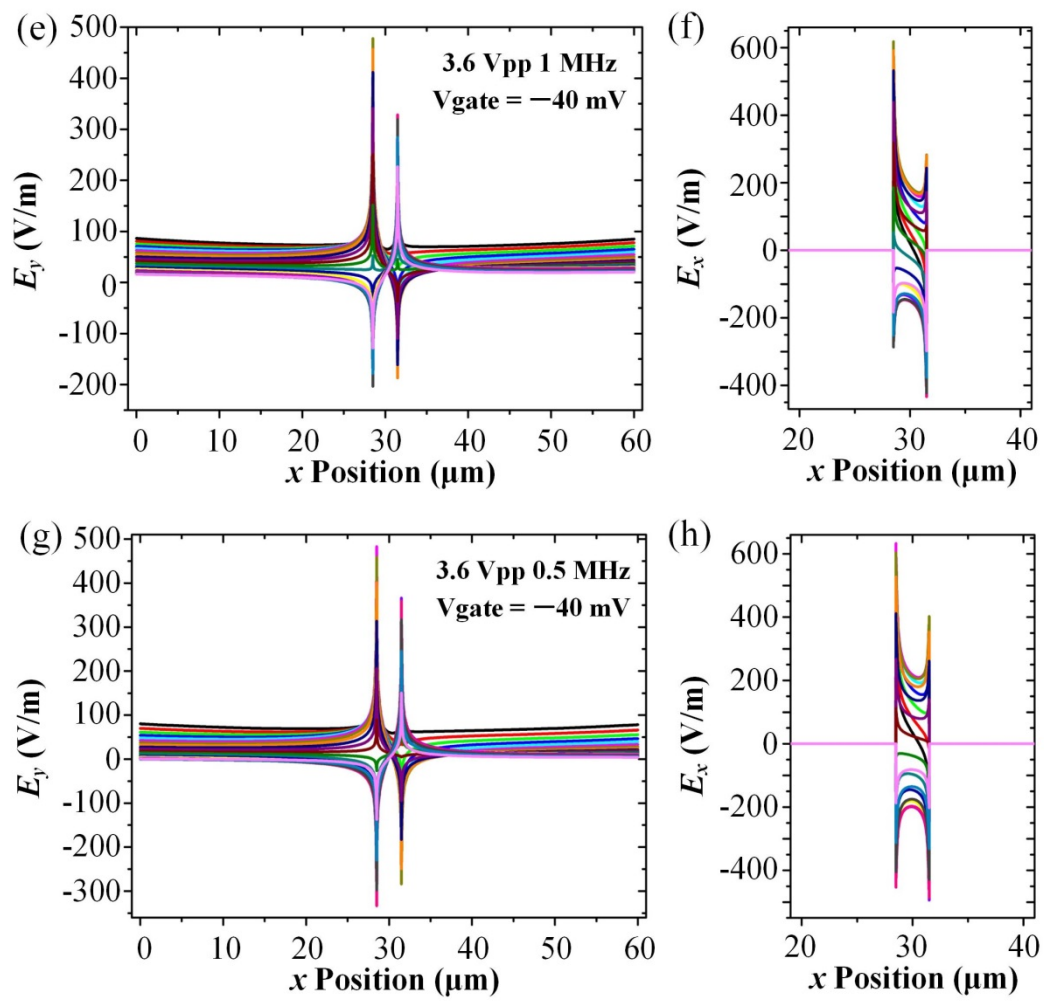
Fig. S1 Magnified graph of Figure 4 in the manuscript.