

Supporting information

Large-scale Preparation of Size-controlled $\text{Fe}_3\text{O}_4@\text{SiO}_2$ Particles for Electrophoretic Display with Non-iridescent Structural Colors

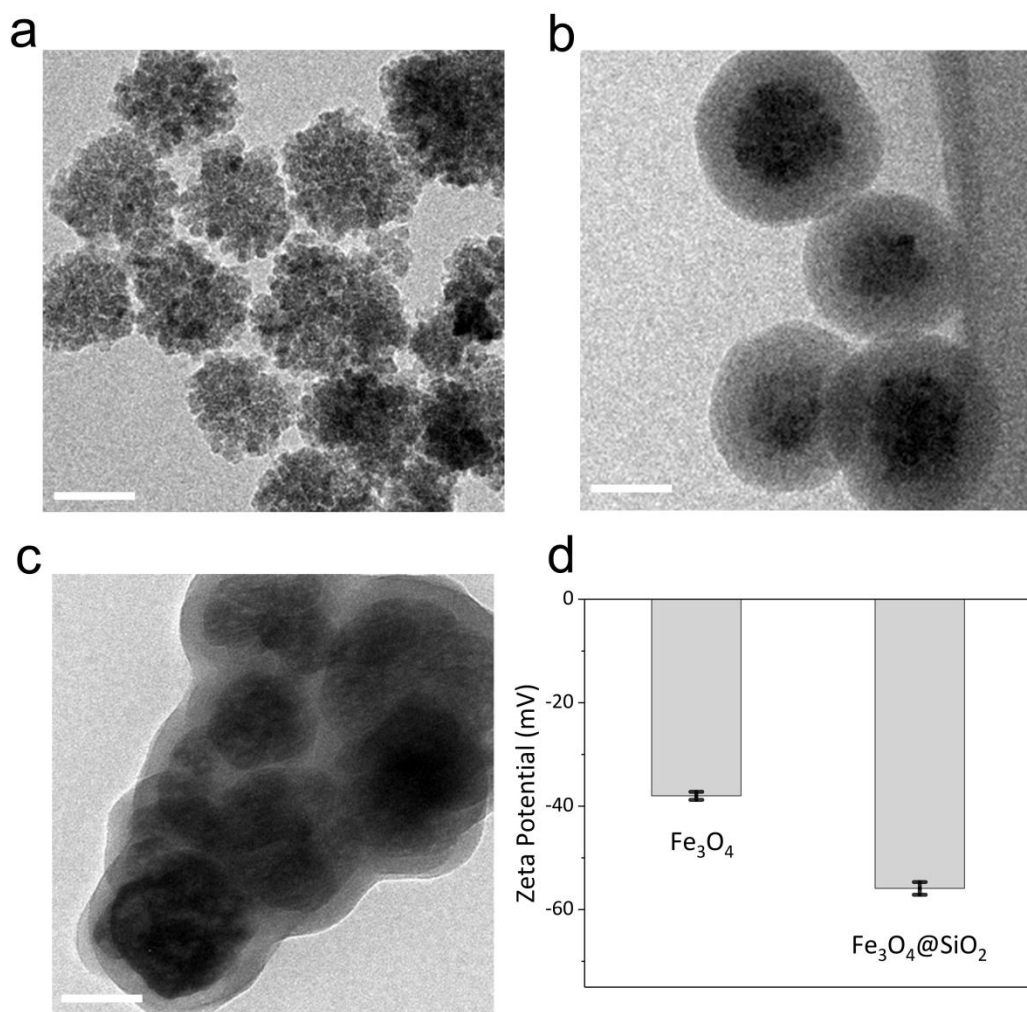


Fig. S1 TEM images of $\text{Fe}_3\text{O}_4@\text{SiO}_2$ in the modified Stöber method with different reaction temperature for (a) 30 °C, (b) 50 °C, and (c) 80 °C; (d) Zeta potential of Fe_3O_4 and $\text{Fe}_3\text{O}_4@\text{SiO}_2$ particles. The scale bars are 100 nm.

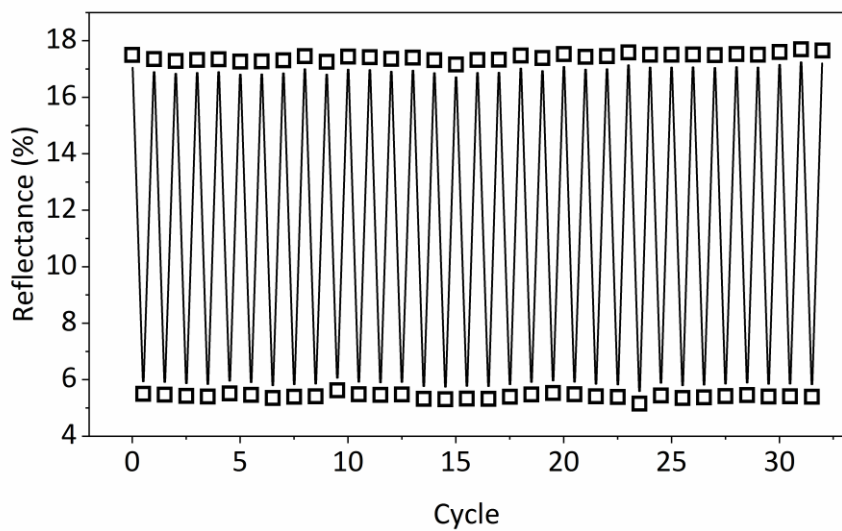


Fig. S2 The display cell under cyclic electric with a 0.5 Hz AC Power.

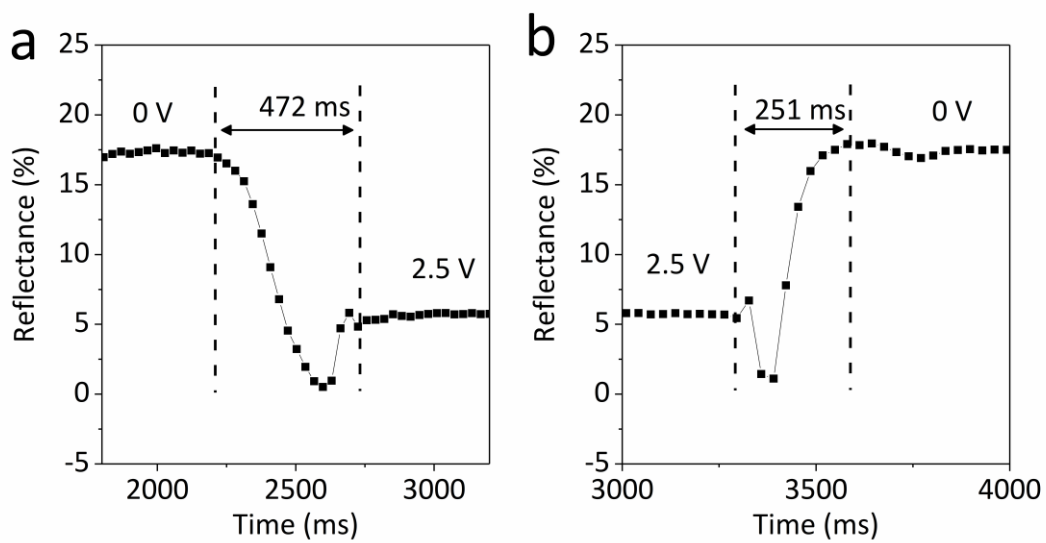


Fig. S3 Response time measurement of a display cell.