

Supplementary Information

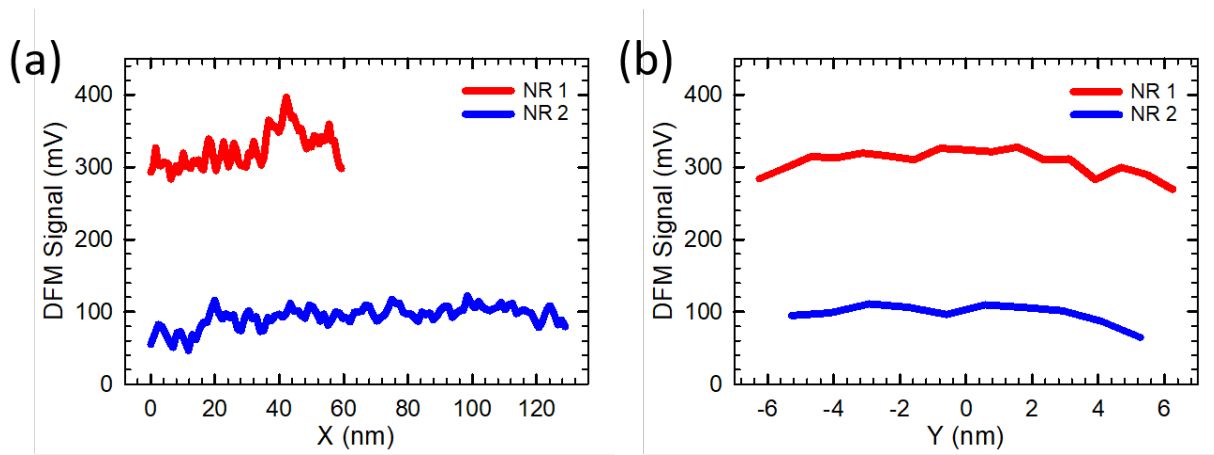


Fig. S1 (a) DFM signal as a function of X extracted from the dielectric response images for NR 1 and NR 2 at $V_{DC} = 3$ V. (b) DFM signal as a function of Y extracted from the dielectric response images for NR 1 and NR 2 at $V_{DC} = 3$ V.

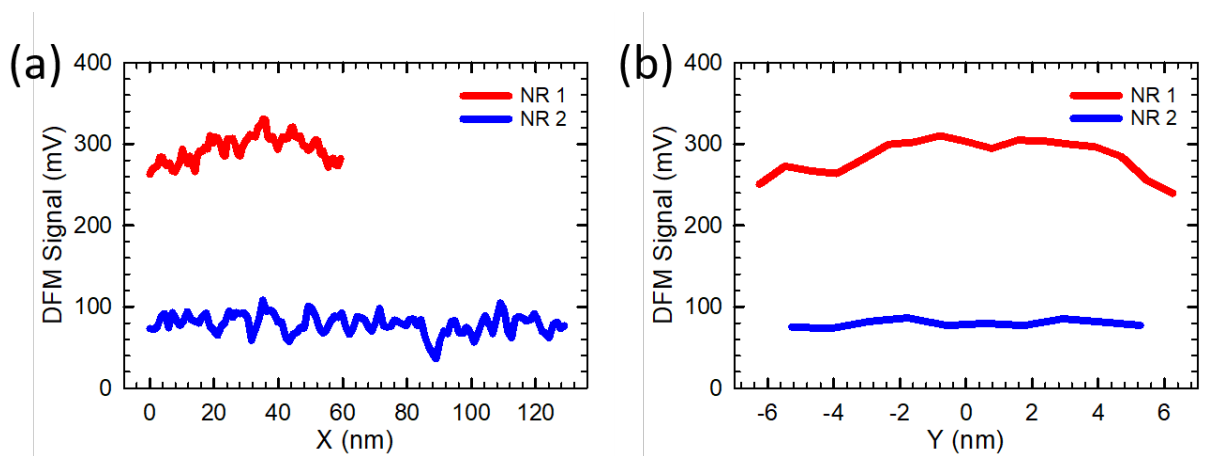


Fig. S2 (a) DFM signal as a function of X extracted from the dielectric response images for NR 1 and NR 2 at $V_{DC} = 0$ V. (b) DFM signal as a function of Y extracted from the dielectric response images for NR 1 and NR 2 at $V_{DC} = 0$ V.