

## Supporting Information

Improving dielectric properties of poly(vinylidene fluoride)  
composites induced by poly(vinyl pyrrolidone)-encapsulated  
polyaniline nanorods

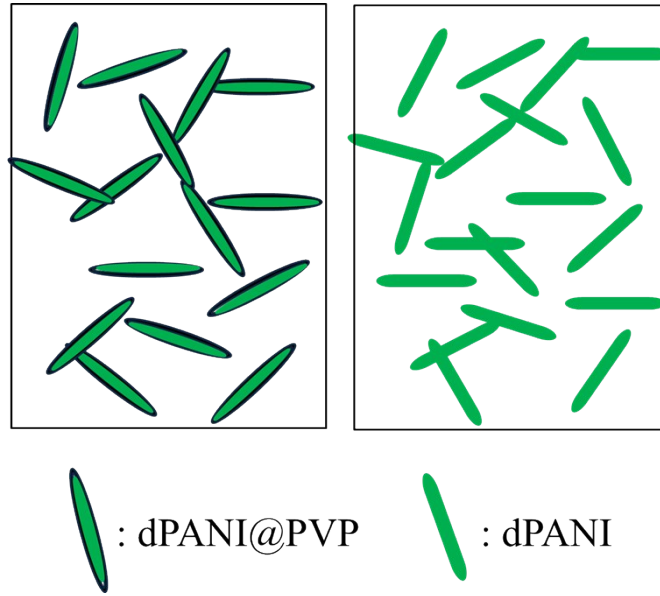
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**Fig. S1** Schematic diagrams of the dispersion of dPANI@PVP and dPANI in PVDF matrix,  
respectively.

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**Fig. S2** FE-SEM images of freeze-fractured cross-section of *dPANI@PVP/PVDF* nanocomposite films containing different *dPANI@PVP* content: (a) 6.5 wt% ( $\times 6k$ ), (b) 6.5 wt%

( $\times 30k$ ), (c) 9.5 wt% ( $\times 6k$ ), and (d) 9.5 wt% ( $\times 30k$ ).

