

Supplemental Videos

The three supplemental videos show the defect pair at frequency $\nu = 250$ Hz and three different applied fields:

1. StableDefectGS, $3.5 \times 10^6 \text{ V m}^{-1}$ ($E < E_{\text{rev1}}$)
2. WobbleGS, $5.7 \times 10^6 \text{ V m}^{-1}$ ($E_{\text{rev1}} < E < E_{\text{rev2}}$)
3. CoRevDefectGS, $6.5 \times 10^6 \text{ V m}^{-1}$ ($E > E_{\text{rev3}}$)