

Electronic Supplementary Material

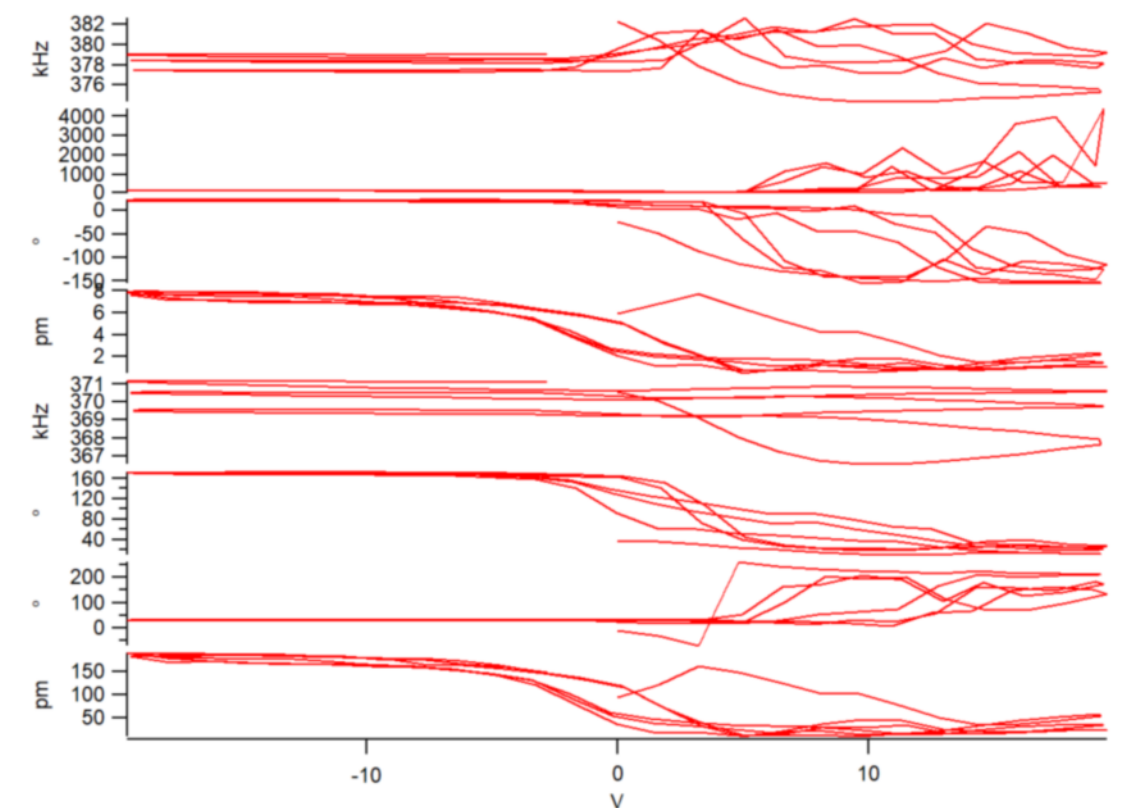


Fig. S1 Poorly defined PFM hysteresis loops from the region in the bottom part of the middle domains. The FMapCalcPFMoff function we used in the Igor program cannot correctly recognize bias values from these hysteresis loops, leading to inconsistent results.

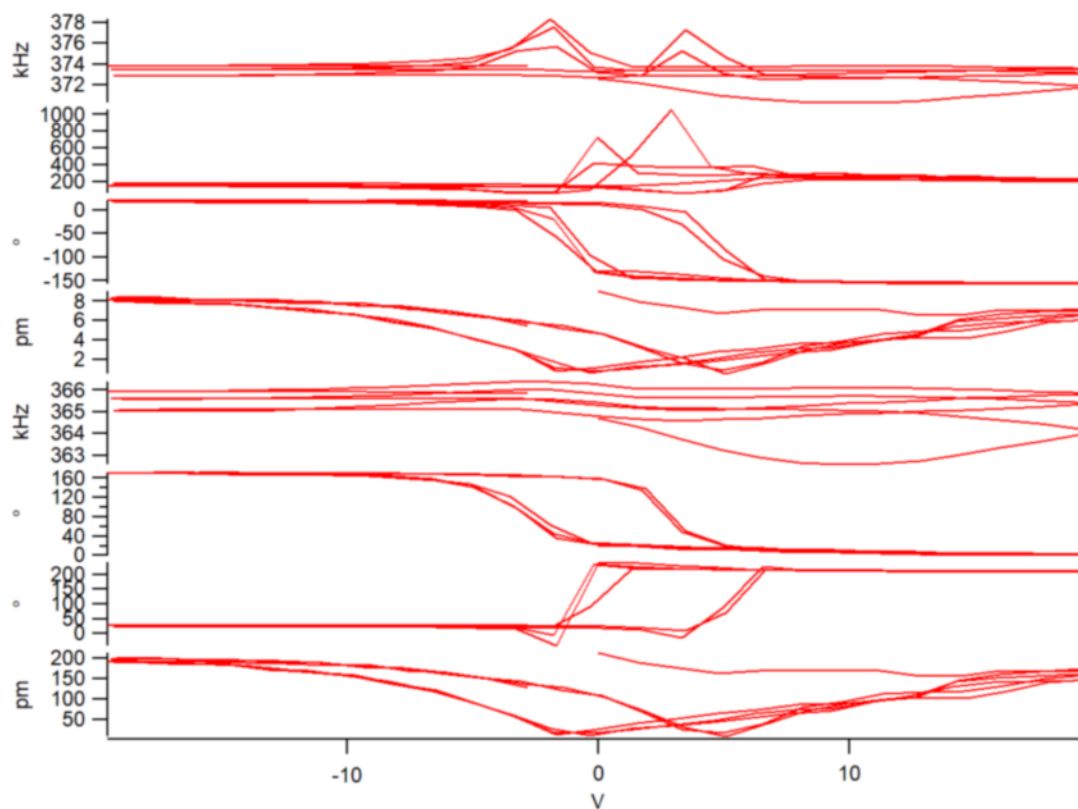


Fig. S2 Well-defined PFM hysteresis loops from the middle domains, where bias values can be correctly recognized using the FMapCalcPFMoff function.