

Ni²⁺ induced High Ferromagnetic Ordering and Dielectric Relaxation Phenomena in KBiFe₂O₅ Brownmillerite

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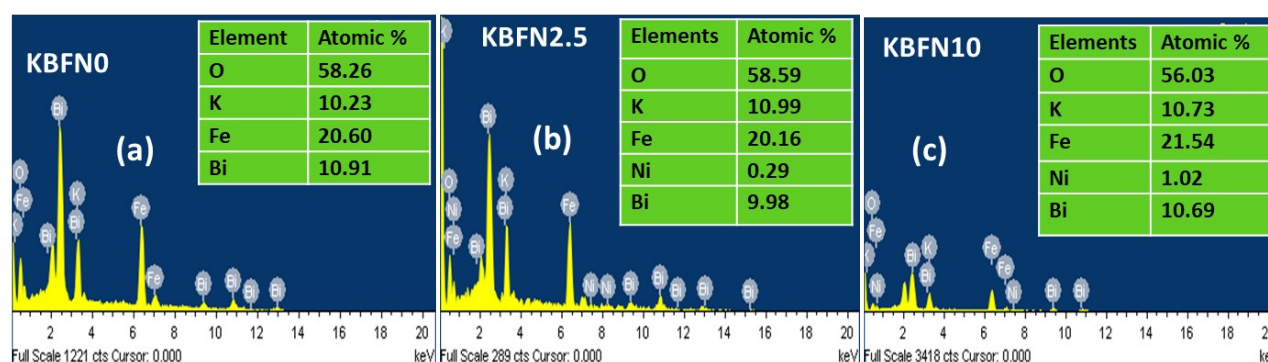


Fig. S1 (a-c) EDX spectra for KBFN0, KBFN2.5 and KBFN10.

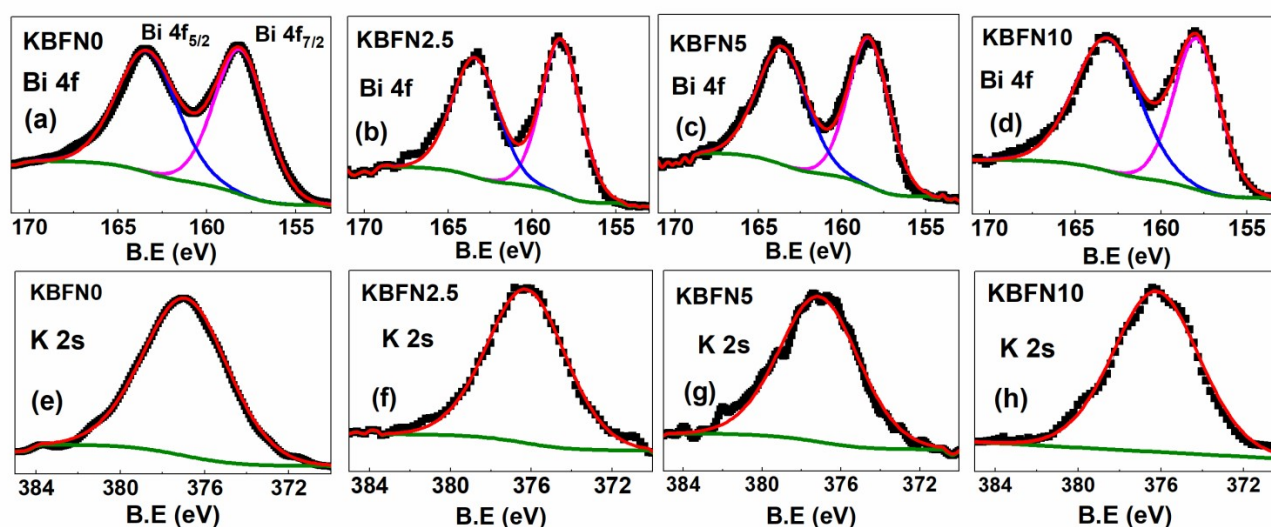


Fig. S2 (a-d) XPS spectra of Bi 4f for KBFN0-10 (e-h) XPS spectra of K 2s for KBFN0-10.

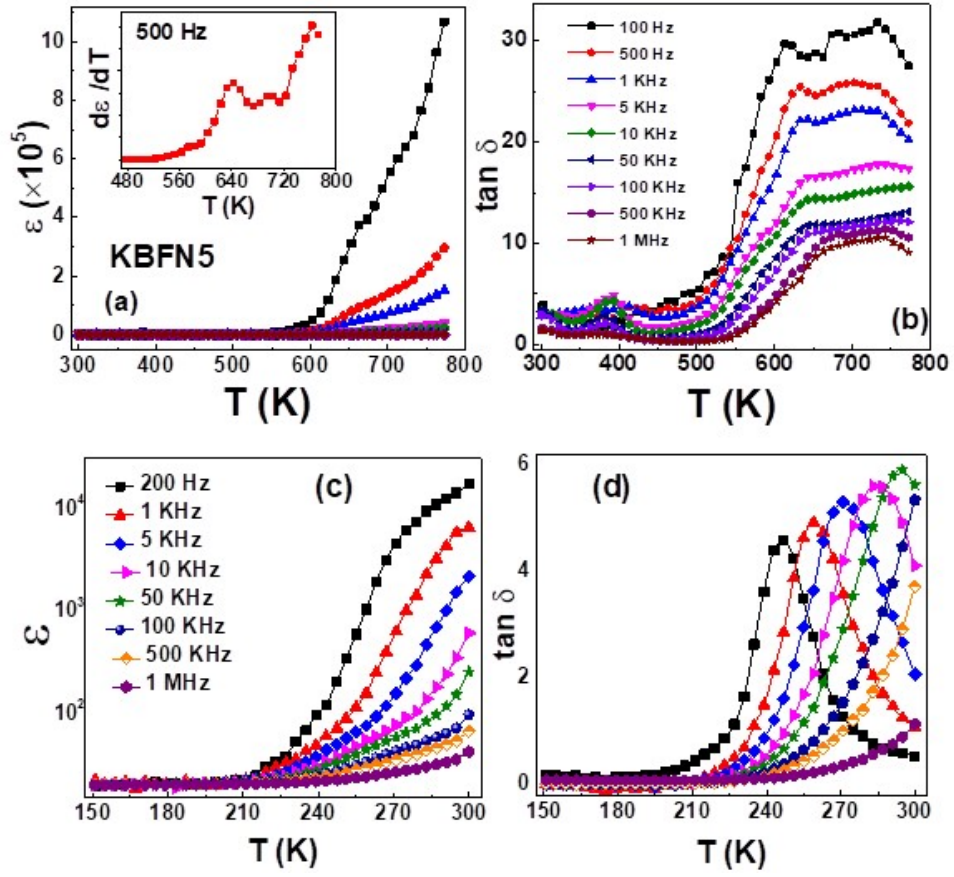


Fig. S3 Dielectric permittivity and dielectric loss vs. T in the range 300 K-800 K (a,b) and 150 K-300 K (c,d) for KBFN5. Inset: $d\epsilon/dT$ vs. T .

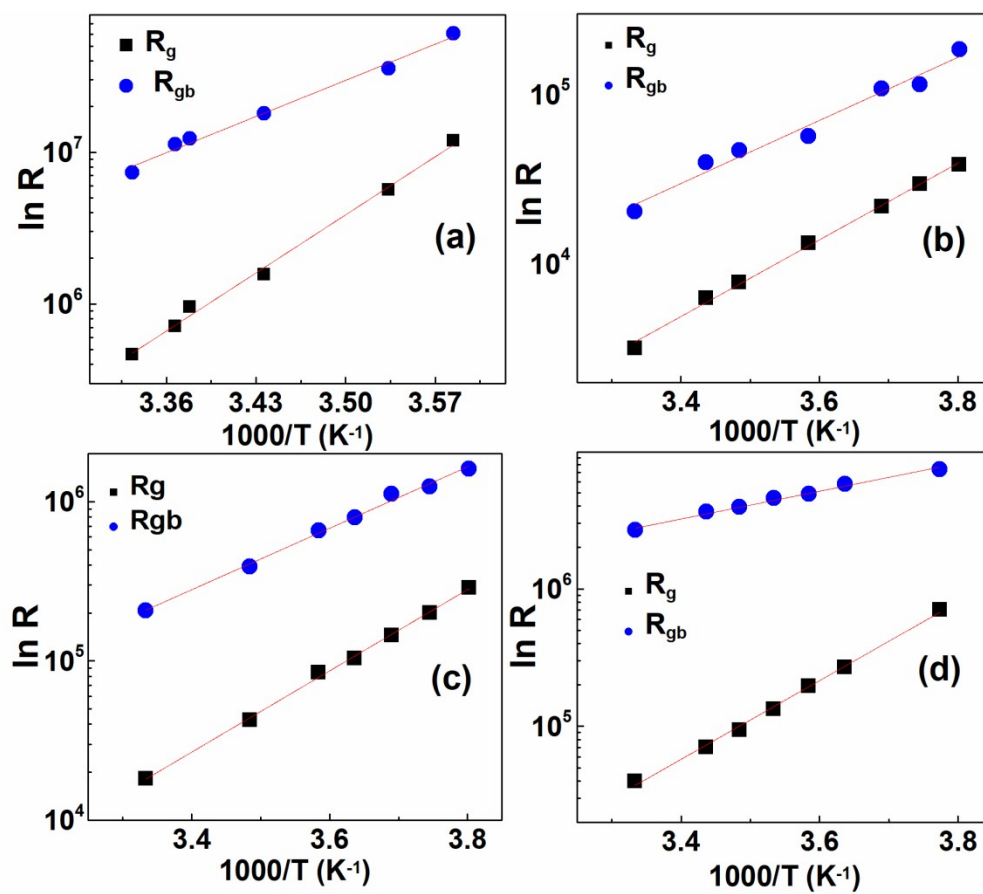


Fig. S4 (a-d) Grain and grain boundary resistance for KBFN0-10.