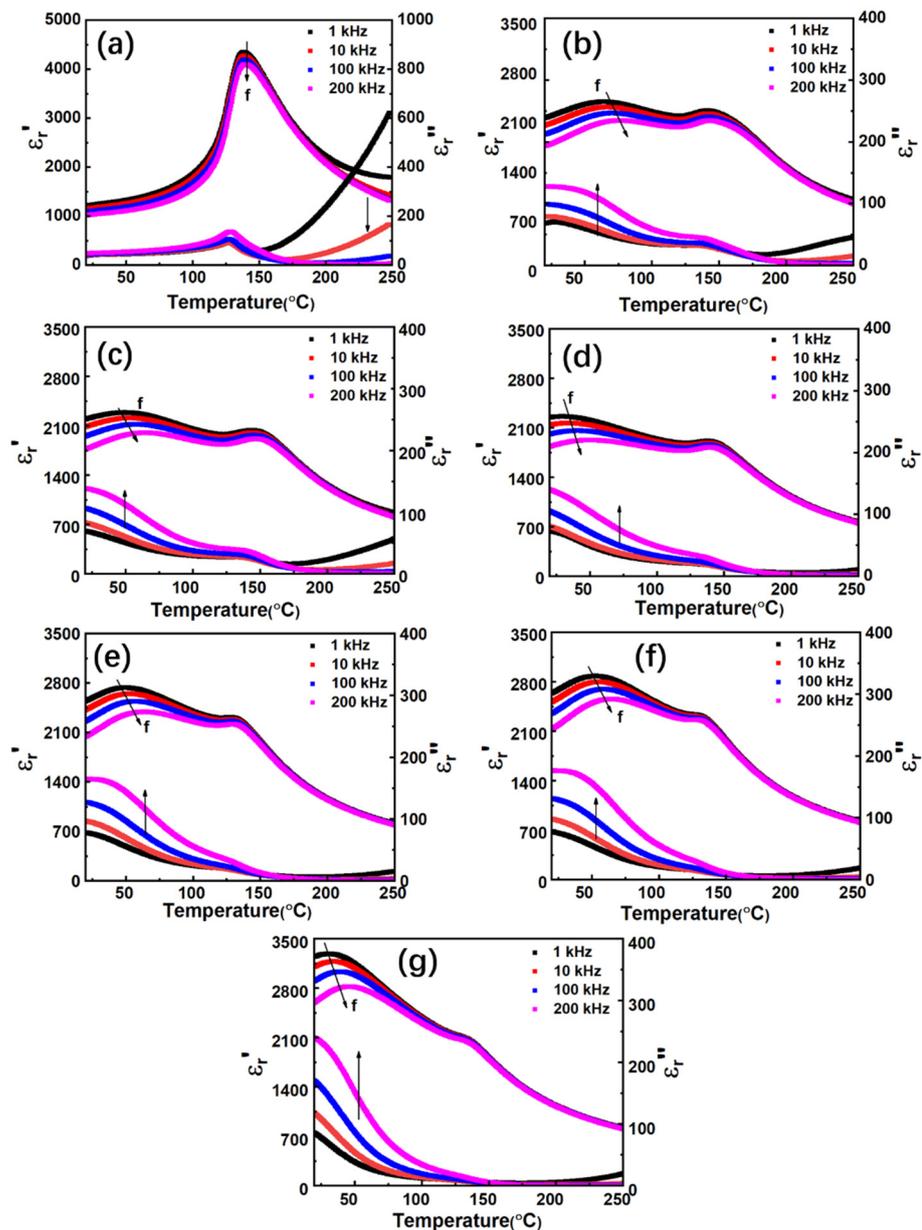


# Structure and Dielectric Behavior of Yb<sub>2</sub>O<sub>3</sub>-MgO Co-Doped 0.92BaTiO<sub>3</sub>-0.08(Na<sub>0.5</sub>Bi<sub>0.5</sub>)TiO<sub>3</sub> Ferroelectric Relaxor

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**Figure S1.** Temperature-dependent permittivity ( $\epsilon_r^* = \epsilon_r' - j\epsilon_r''$ ) of the BT-NBT-YM samples at different frequencies. (a) BT-NBT, (b)  $x = 0$ , (c)  $x = 0.005$ , (d)  $x = 0.01$ , (e)  $x = 0.015$ , (f)  $x = 0.02$ , (g)  $x = 0.025$ .