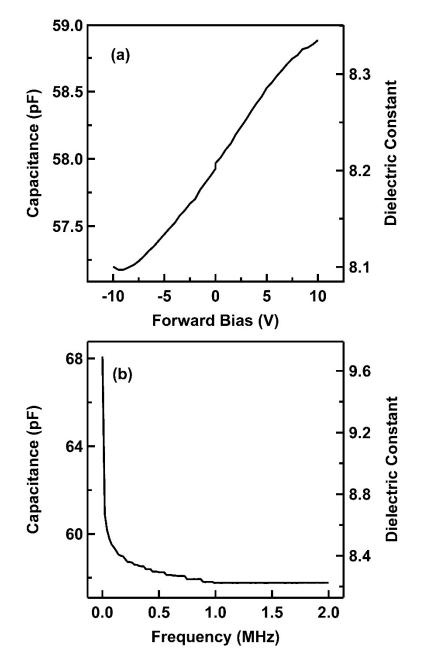
**Supplementary Information:** Aqueous-based synthesis of gallium tungsten oxide thin film dielectrics



**Figure S1:** Capacitance-voltage measurement at frequency 1 MHz (a) and capacitancefrequency measurement at no applied bias (b) for a representative  $Ga_{2-x}W_{x/2}O_{3-\delta}$  thin film (17.1 at% W, 600 °C anneal). The corresponding dielectric constant was estimated assuming a parallel plate capacitor.