## Ferroelectricity in Atomic Layer Deposited Wurtzite Zinc Magnesium Oxide Zn<sub>1-x</sub>Mg<sub>x</sub>O (Supplemental Document)

As stated in the abstract, ferroelectric switching was demonstrated by PFM amplitude and phase hysteresis loops. These are shown in the figure below for films containing x = 0.46 and x = 0.58 in Zn<sub>1-x</sub>Mg<sub>x</sub>O.

