

## Supplemental Document

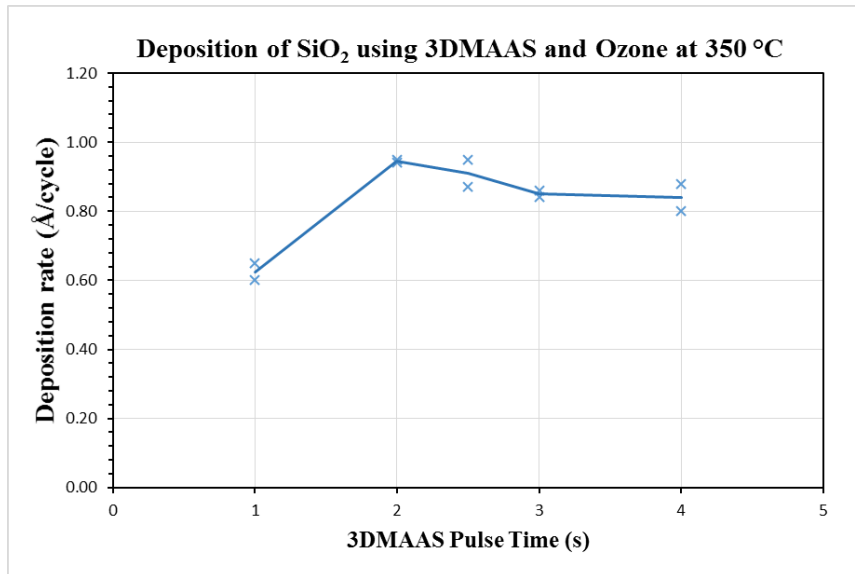


Figure 1. Saturation behavior of 3DMAAS at 350 °C.

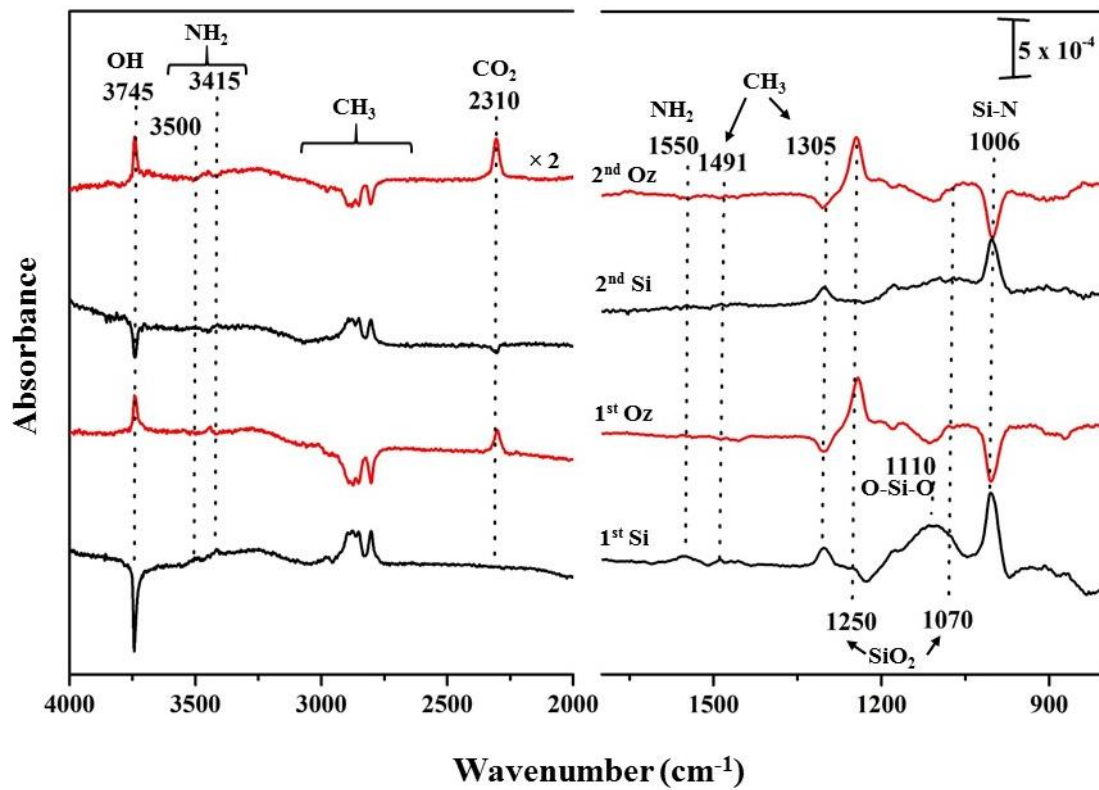


Figure 2. *In-situ* differential infrared absorption spectra obtained for the first two ALD cycles with a substrate at 250 °C.