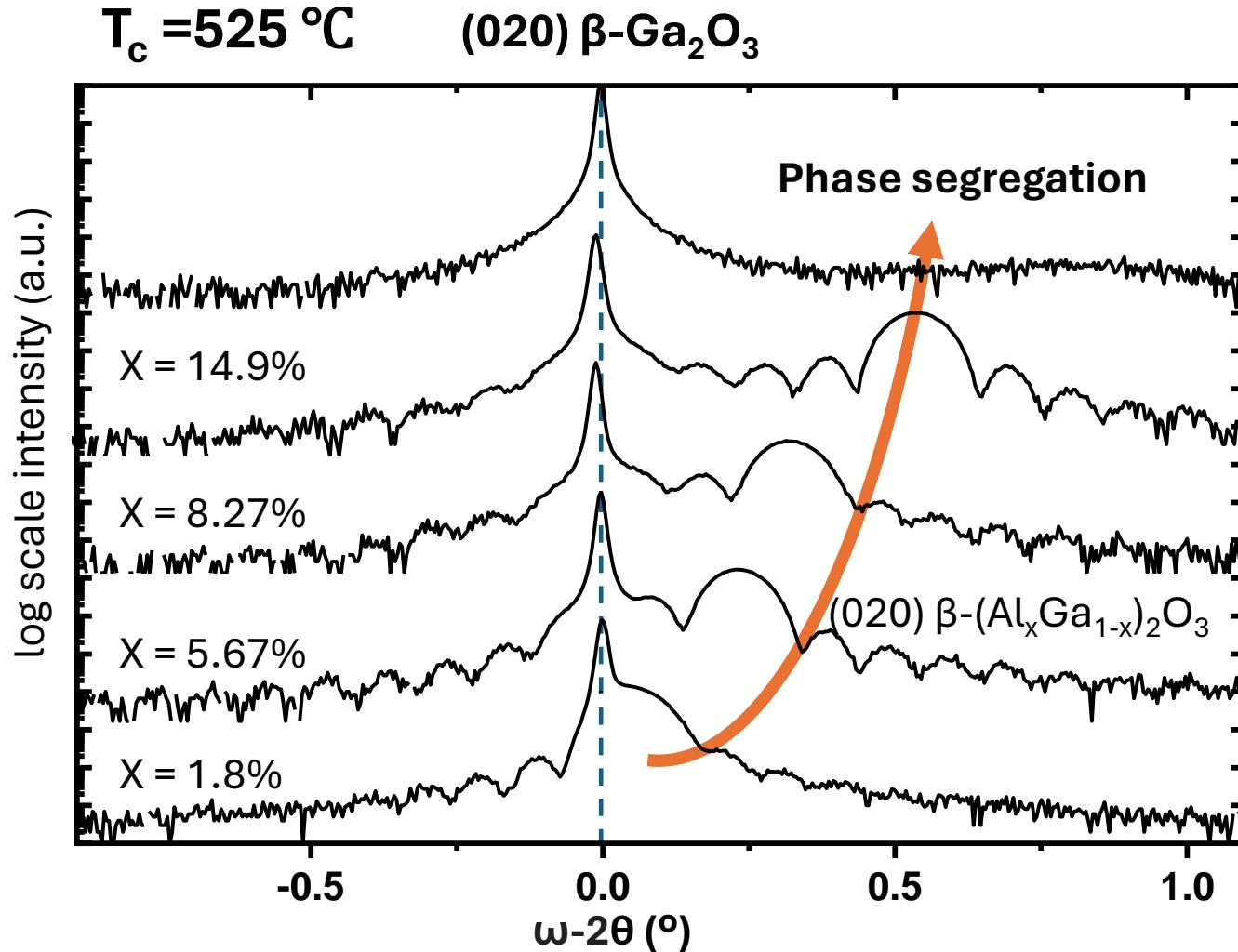


Al% from 1% to 15% β -(Al, Ga)₂O₃ grown at 525 °C



TTBAI BEP: 4.2×10^{-7} Torr; **Ga BEP 5×10^{-9} Torr**

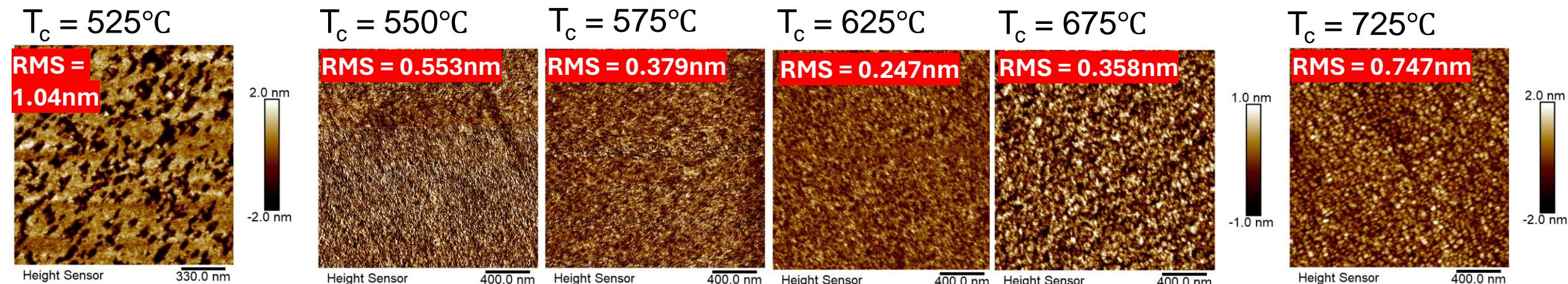
TTBAI BEP: 4.2×10^{-7} Torr; Ga BEP 1×10^{-8} Torr

TTBAI BEP: 3.2×10^{-7} Torr; Ga BEP 1×10^{-8} Torr

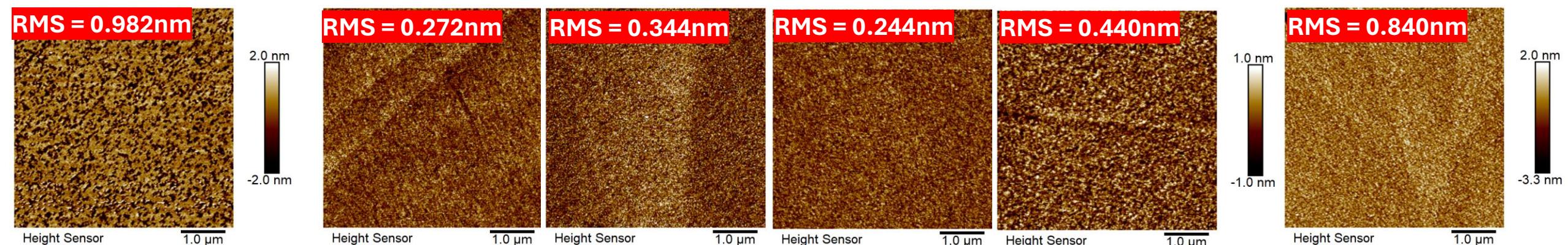
TTBAI BEP: 2.1×10^{-7} Torr; Ga BEP 1×10^{-8} Torr

TTBAI BEP: 1.2×10^{-7} Torr; Ga BEP 1×10^{-8} Torr

AFM of β -(Al_xGa_{1-x})₂O₃ (x > 15%) at different growth temperatures



Other G.C. : TTBAI BEP = 4.3×10^{-7} Torr; Ga BEP = 8×10^{-9} Torr
Al composition expected: x > 15%



$T_c = 625^\circ\text{C}$ is the optimized growth temperature at high Al composition (x > 15%) β -(Al_xGa₁₋