Gain of the 3D Nonlinear Transducer vs. Temperature Fixed Parameters: $A_{drive} = 1.0 \ n\omega_{drive} = 0.2$ Gain |N(T)| (dimensionless) 10^{-6} 3D Simulation Results 10^{-1} 10⁻³ 10^{-2} 10⁰ Temperature T (dimensionless)