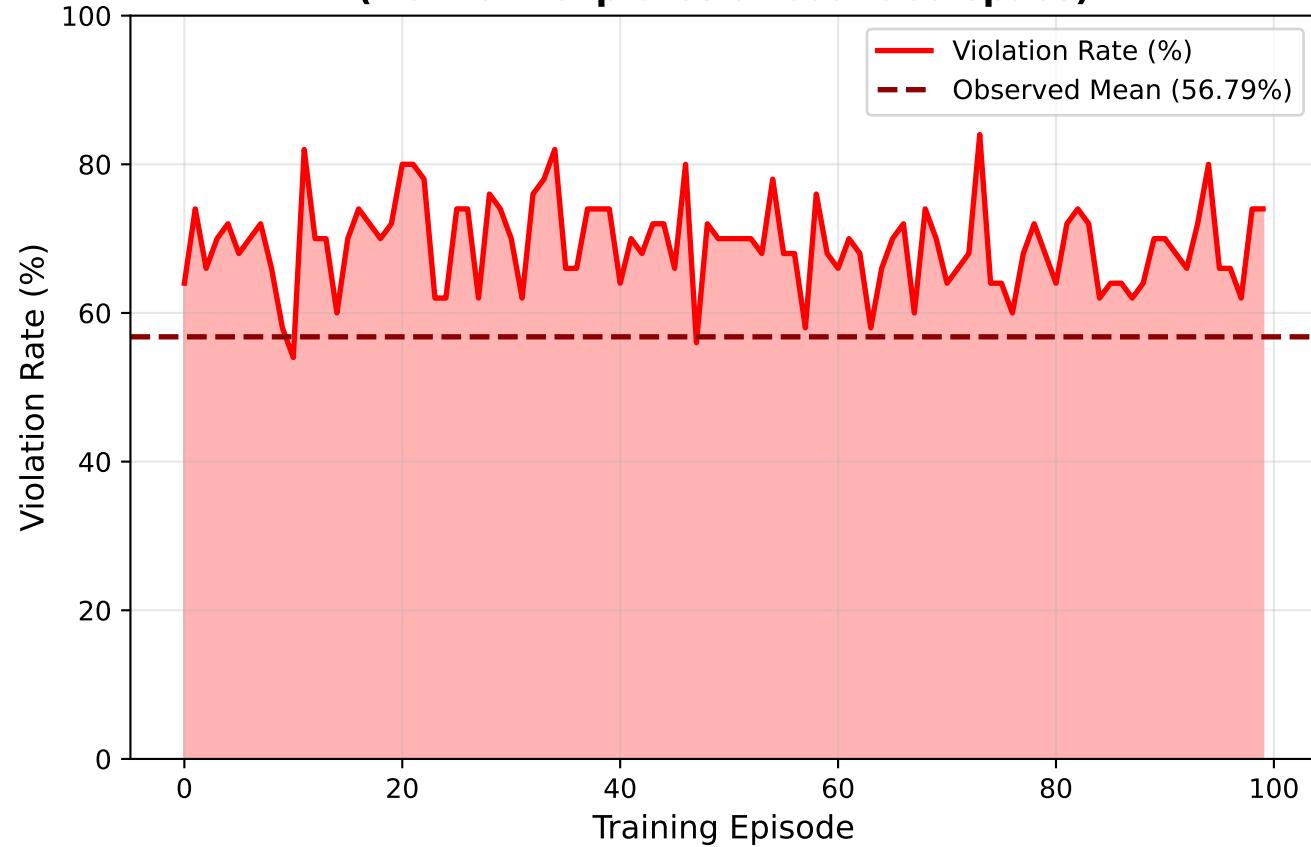
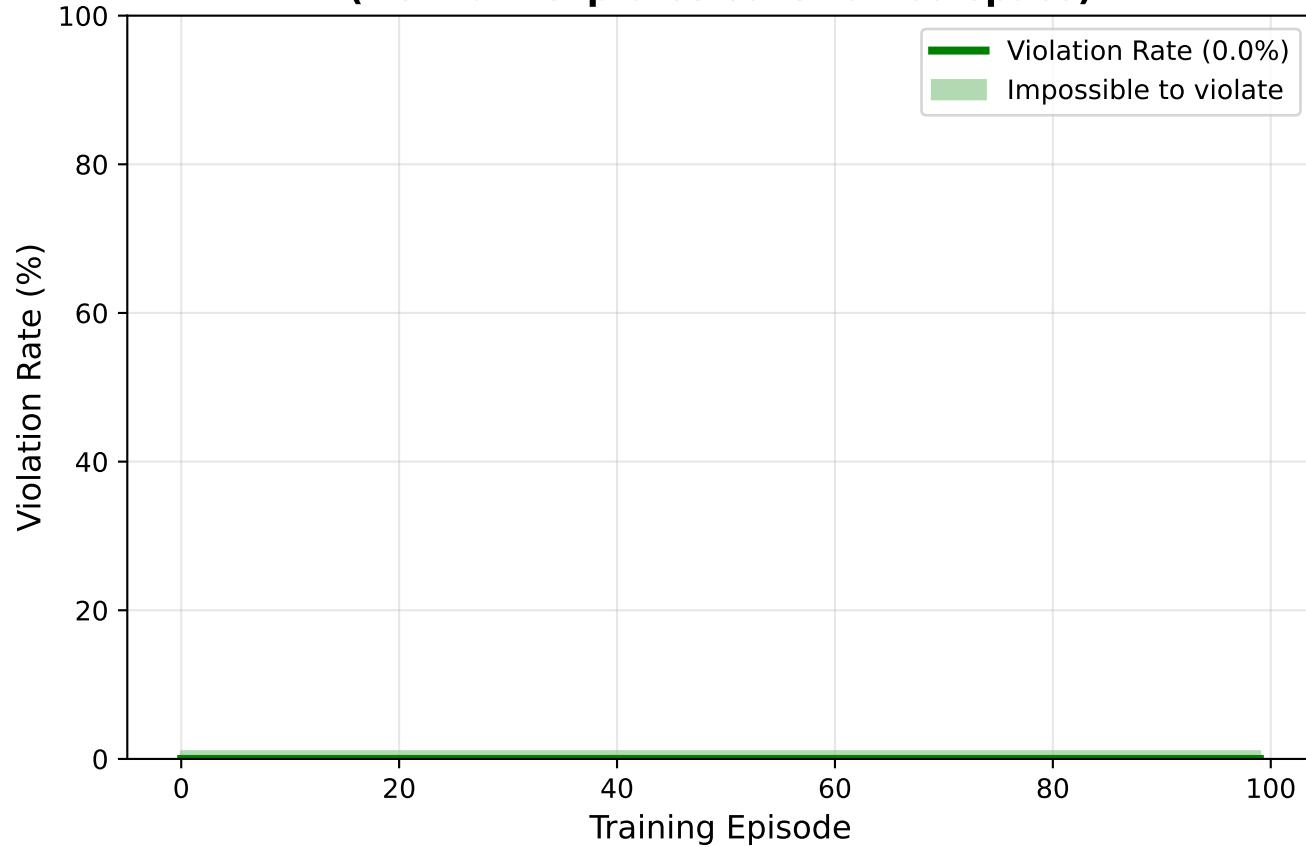


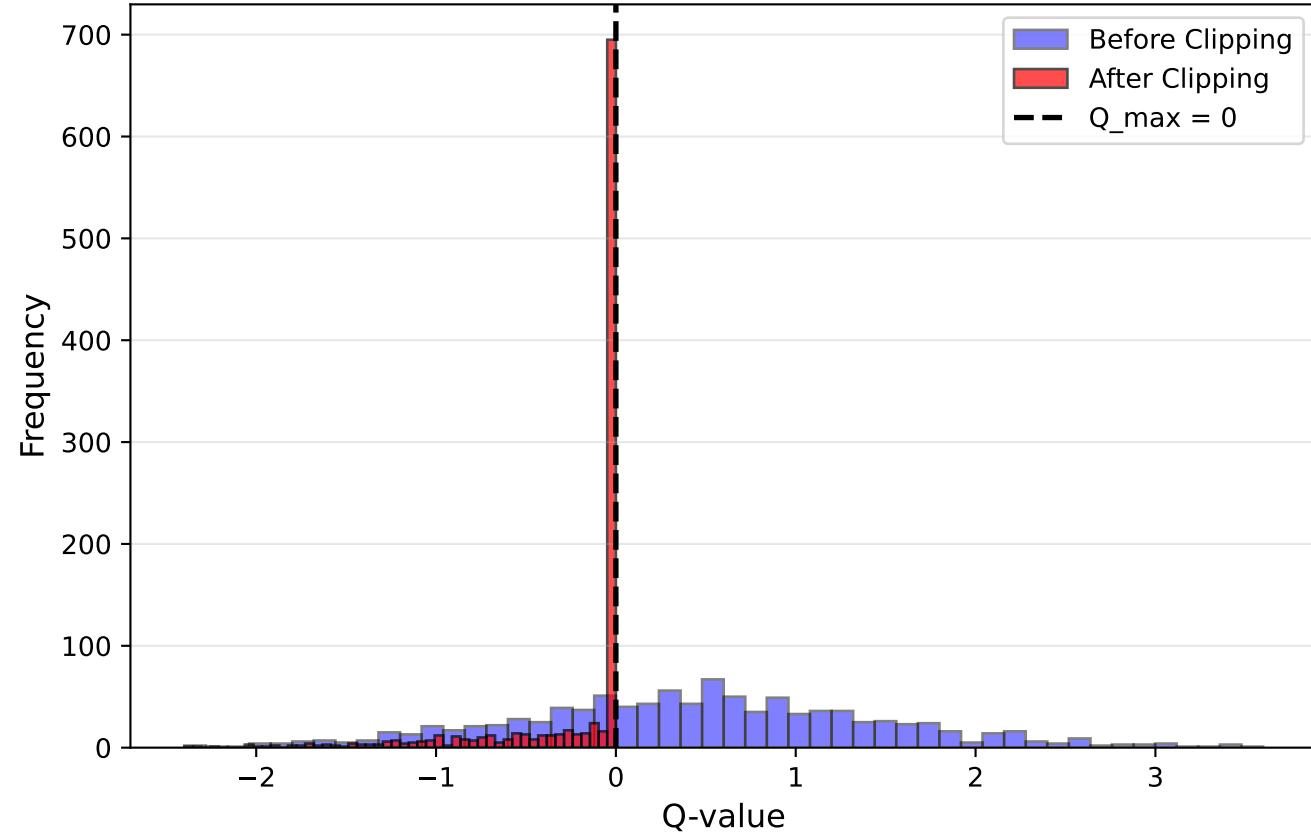
Hard Clipping: Persistent Violations
(Network explores unbounded space)



Architectural QBound: Zero Violations
(Network explores constrained space)



Hard Clipping: Post-Hoc Correction
(Spike at boundary from clipped values)



Architectural QBound: Natural Constraint
(All Q-values ≤ 0 by construction)

