QH8 v008-OBSIDIAN
Sovereign Enforcement Specification

This document defines the v008-OBSIDIAN Sovereign Enforcement Engine, a deterministic thermal–power governance layer designed to eliminate liquid cooling dependency and certify silicon safety through forensic authority.

Layer	Function	Authority
Enforcement Core	Real-time power boundary enforcement	Deterministic shutdown
Climate Matrix	Ambient-to-power mapping (-40°C to +55°C)	Physics-governed
Forensic Ledger	Immutable audit trail (JSONL + PDF)	Insurance-grade
Poison Pill	Prevents unsafe restarts	Irreversible lock
Receipt Generator	Executive & legal proof of compliance	Board-level artifact