

C-03, C-06, C-07  
G3 Replication Readiness ..... C-04  
G4 Data Collection (Raw, Sealed) .... C-07, C-13  
G5 Applications Pilots ..... C-07, C-12  
G6 Public Demonstration ..... C-01, C-02, C-05  
G7 Publication & Replication ..... C-01..C-07, C-08, C-12, C-13  
G8 Synthesis (Cathedral Complete) ... C-08, C-10, C-11, C-12, C-14

UTRE Indices Cross-Reference

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Baseline HRV/EEG lines formed by C-01 (pre), C-03 (controls), C-12 (model fits).  
ΔM (Operation):  
Coherence/power change during active phases; referenced by C-01..C-03, C-07.  
R(t) (Trajectory): Time  
response across phases P1-P6; referenced by C-01, C-02, C-05, C-10.  
Γ (Coherence): Guard product;  
primary functional pass criterion for C-01; monitored across all tests.

Independent Audit Checklist (Per Claim)

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☒ Registered and pre-signed (ID)                      ☐ Instrument calibration certs attached  
☐ Integrity controls  
executed (C1-C5)                      ☐ Raw files + SHA-256 manifest posted before analysis  
☐ Blinding  
respected (where relevant)                      ☐ Analysis scripts match released version (hash)  
☐  
Statistics correct (p-values, CI, effect size)   ☐ Replication criteria met (if applicable)  
☐  
Environmental corner cases covered                      ☐ Public demo auditor report (if applicable)  
☐  
Pass/Fail determination logged with rationale   ☐ Deviations & corrective actions documented

Sign-Off & Responsibilities

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Owner Matrix Examples):  
• ~~Q~~ Energy (Lead: Owner-Omega)  
Coherence/Control (Lead: Owner-Sigma)  
• ~~D~~ Data Integrity (Lead: Owner-Data)  
Owner Regulatory (Lead: Owner-Reg)

Approvals:  
Technical Lead: \_\_\_\_\_ Date: \_\_\_\_\_  
QA Lead: \_\_\_\_\_ Date: \_\_\_\_\_  
Program Owner: \_\_\_\_\_ Date: \_\_\_\_\_

Change Control:  
Any update to claims or methods requires re-mapping and revision of this matrix;  
keep versioned history.