

NanoResonance Q-Finder – Unified Provisional Patent, White Paper, and Product

Curtis Jack Carter Jr – Invention: NanoResonance Q-Finder

Introduction, 2025

NanoResonance Q-Finder is a nanoscale frequency scanning and modulation system capable of detecting, generating, and tuning precise frequency bands across biological, physical, and quantum systems. This invention features nanoscale controls over amplitude, frequency, and phase—enabling it to interact with biological tissues, materials, or technologies in ways previously unattainable.

Nanoscale Parameter Controls

Amplitude Control at the Nanoscale

- Utilizes MEMS/NEMS-based modulators for ultra-low power signal shaping.
- Supports localized biological field interactions ideal for pain modulation or nerve response.

Frequency Resolution at Sub-Hertz/Nano-Hertz Levels

- Employs ultra-stable quantum-referenced oscillators.
- Enables identification of exact resonant windows in systems, improving precision and repeatability.

Phase and Waveform Control

- Allows precise constructive/destructive interference for stealth, jamming, or biomodulation.
- Vital for applications in defense, neural harmonization, or signal disruption.

Technical Description

Cross-Disciplinary Applications

Domain	Capability
Medical	Targeted pain/stimulation, mental health support, wearable therapy
Physics	Novel resonance discovery, materials testing, ultra-fine tuning
Quantum	Synchronization with quantum computing/sensors
Defense	Portable jamming, drone confusion, individualized field protection

This system empowers us to explore not just what humans define mathematically, but what the universe reveals at the nanoscale. Through this invention, we aim to discover the frequencies that nature resonates with – enabling entirely new calculations and breakthroughs in our understanding of health, reality, and physics.