



# TAG Sync x1 for Nexus

Theta-Alpha-Gamma Synchrony

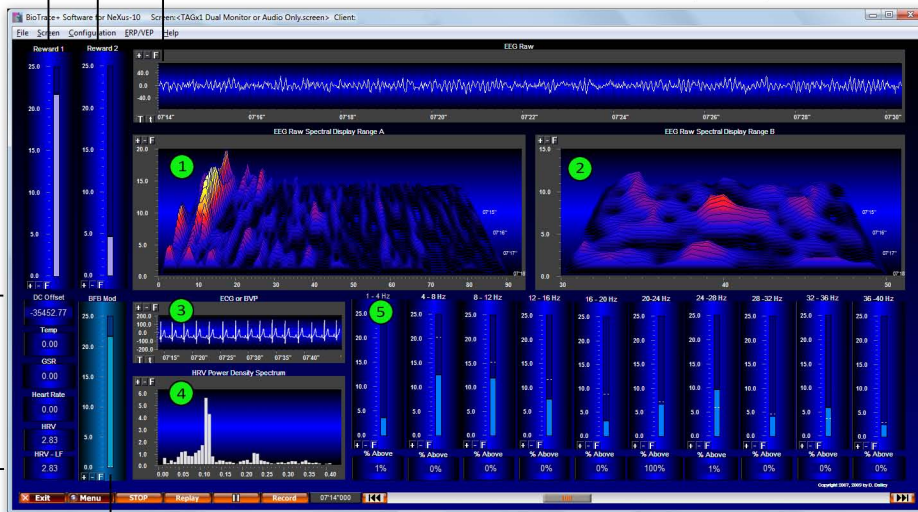
This single channel design allows you to monitor and train two EEG frequencies (cross-frequency coupling) while employing multiple inhibits and shaping peripheral responses (BFB Mod) such as skin conductance (GSR), heart rate variability (HRV), pulse rate and temperature.

Reward 1 amplitude

Reward 2 amplitude

Raw EEG

- 1 - EEG Raw Spectral Display A (wideband 0-90 Hz)
- 2 - EEG Raw Spectral Display B (narrowband 30-50 Hz)
- 3 - Raw Cardiac Pulse from BVP or ECG sensors
- 4 - Heart Rate Variability Power Spectrum



"Reward 3" - Peripheral biofeedback feedback instrument (may be set to Temp, GSR, etc.)

DC Offset and Peripheral measurements (Temp, GSR, Heart Rate, HRV, HRV-LF)

- 5 Ten "Inhibit" bins to monitor and train additional frequency bands, e.g., for beta spindling. "% Above" instruments at bottom can be used to evaluate activity in different bins.