Prepared by: Energy Tools International LLC
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Conducted by: Veteran's Hospital in Dayton, Ohio 1993

Specific VFT Patterns Stimulate or Suppress Different Rhythms of Electrical Brain Activity

In a pilot experiment conducted at the Veteran's Hospital in Dayton, Ohio in 1993 on standard EEG equipment, various energy patterns demonstrated the ability to stimulate or suppress rhythms of electrical brain activity.

Electroencephalography (EEG) is the recording of electrical activity along the scalp produced by the firing of neurons within the brain. EEG results show changes in brain activity and can detect changes within a millisecond time frame.

Standard frequency ranges measured in Hertz and their associations: Delta – frequency up to 4 Hz – associated with sleep; Theta – frequency 4-7 Hz – associated with daydreaming, drowsiness, meditative state and closed eyes; Alpha – frequency 8-13 Hz – associated with a quiet reflective state and closed eyes; Beta – frequency 14-40 Hz – associated with an alert and actively engaged mind and open eyes.

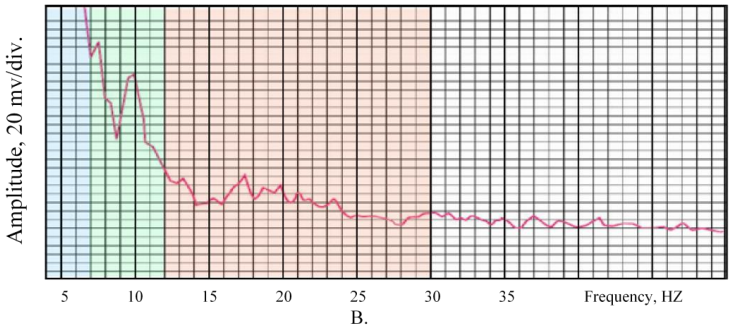
Stimulation of the Right Hemisphere

The right hemisphere of the subject's brain is shown after 3 minutes of exposure to a specific VFT pattern. Note the increase in Alpha and Theta activity in the right hemisphere while the subject's eyes were open.

The following graphs represent a snapshot of brain activity in different frequency ranges.

Marie test #1

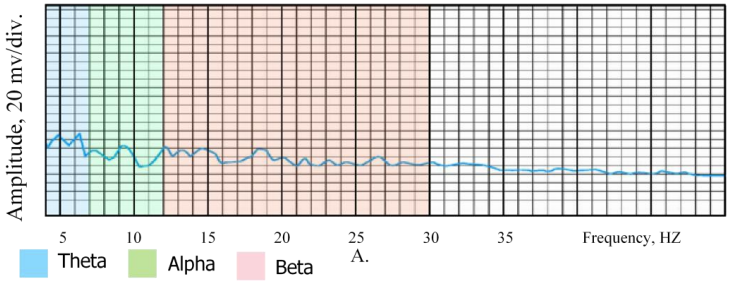
Eyes Open



Marie Baseline

Test #1

Eyes Open

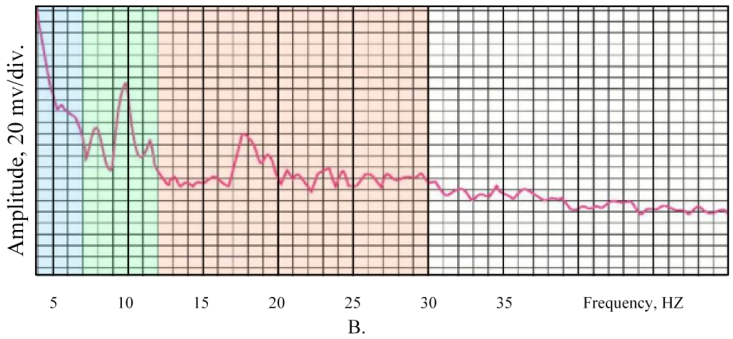


Stimulation of the Left Hemisphere

Alpha rhythms in the left hemisphere of the subject's brain were stimulated after 3 minutes of exposure, with open eyes, to a specific VFT pattern.

Marie test #2

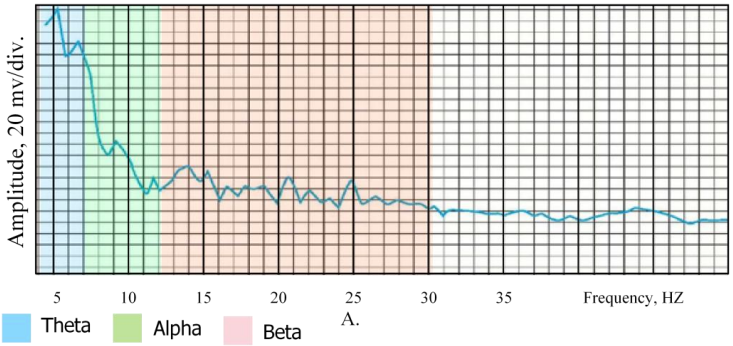
Eyes Open



Marie Baseline

Test #2

Eyes open

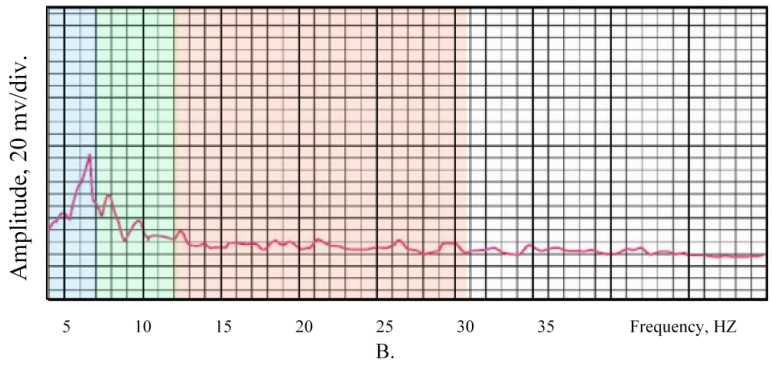


Suppression of the Alpha Rhythm

Alpha rhythms in the right hemisphere of the subject's brain were suppressed after 3 minutes of exposure, with closed eyes, to a specific VFT pattern.

Christine Test 1

Eyes closed

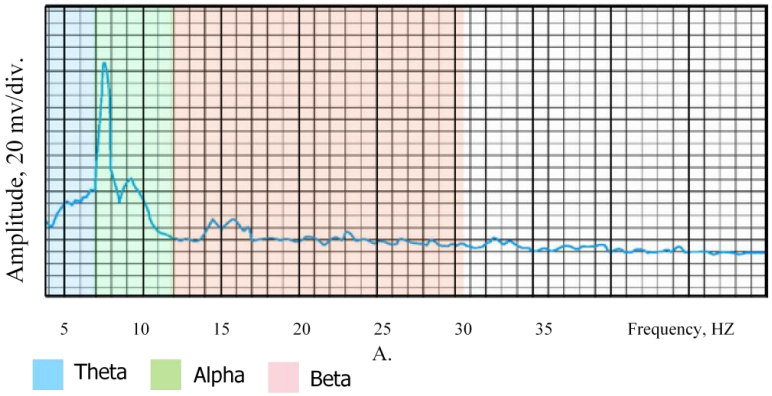


B.

Christine Baseline

Test 1

Eyes closed



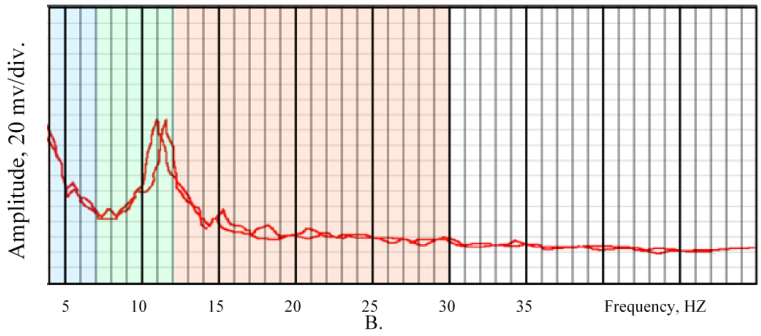
A.

Stimulating both Hemispheres of the Brain

This graph shows the synchronization of the left and right hemispheres of the brain after exposure to the VFT pattern for 3 minutes while the eyes remained open. The VFT pattern shows stimulation of Alpha activity synchronously in both hemispheres of the brain.

Fred Test 1

Eyes Open

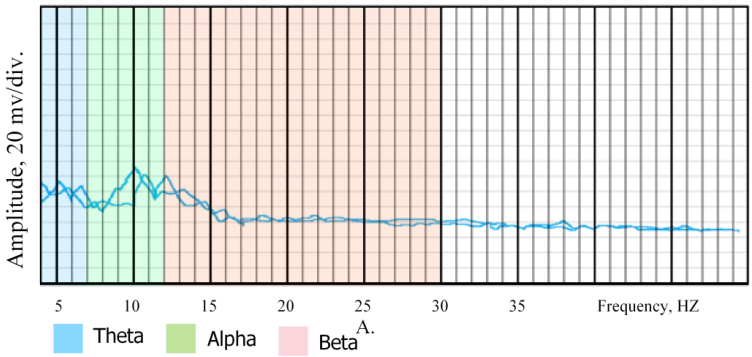


B.

Fred Baseline

Test 1

Eyes Open



A.

The overall results demonstrated that specific VFT patterns could stimulate Alpha rhythms in a subject with open eyes or suppress the Alpha rhythm in a subject with closed eyes. In other words, specific VFT patterns can stimulate activity in the brain or calm activity in the brain depending on the informational content of the pattern. The VFT pattern also showed stimulation of Alpha activity synchronously in both hemispheres of the brain.