



## **Executive Summary**

This study was conducted to determine the effects of Quantum Energy Cards on human test subjects before and after a 30 second exposure.

### **Facts:**

- 10 subjects participated in the study
- All subjects reported a pain level of 4 or greater before application of QEPC
- A 30 second time interval passed between pre and post EEG evaluation
- 28.2% was the overall improvement in brain coherence average
- 28.2% represents an unexpected but excellent outcome
- 65% Coherency Factor was the best outcome, -14% was the worst
- Brain Coherence is an indication of cognitive function
- The greater the coherence factor the better the brain performs
- Given all the environmental factors remained the same, the only variable change was the introduction of the QEPC, we can attribute the change to the card (Occam's Razor)

**Note:** There was a time lag between seeing the brain wave response to the cards and the time the client reported feeling the pain shift. The shortest time lag was 30 seconds and the longest time lag was 6 hours.

### **Study Parameters**

This study examines the effects on neurobiology as measured by brain waves using real-time EEG with spectrogram visual analysis before and after a 30 second exposure to quantum energy pain cards.

We chose this technology platform because the type of subtle energy affected by quantum energy cards cannot be directly detected with today's technology. What can be detected with today's technology is the affect of the cards on the subtle energy of brain waves using an EEG, which was visible within 30 seconds after card exposure.

### Scientific Rationale

The ability to detect quantum energy fields directly with scientific equipment is not currently available to their elusive frequencies. Hence they are known as subtle energies. However, this does not negate their existence. Further, what can be detected using specialized technologies is the impact of the subtle energy on biology, especially and specifically on neurobiology.

The existence of these fields is generally accepted by science, particularly those working in the quantum realms. That these subtle energy fields do exist and that they are evidence of the quantum field interacting with physical matter such as the brain is not disputed by science. Further, that their impacts can be evaluated using current technology which stands as evidence of these subtle fields falls well within our current scientific paradigms. Scientist prefers to assert the simplest explanation<sup>1</sup> for certain well established and known phenomenon such as consciousness, which our study illustrates.

### Quantum Energy Medical Impact

In fact, this area of research is considered to be one of the hottest “holy grails” in science. As technology and modeling techniques for examining the quantum field become more developed and understood huge new vistas of health and wellness are expected to open up. These advances will have enormous ramifications for early disease detection and correction, with exciting and promising ramifications for chronic pain management and in such difficult to effect areas as psychosis and dementia as examples.

### Experiment Design

***One of the very few widely accepted existing imaging techniques for examining the affects of subtle energy fields on biology<sup>1</sup> is the use of EEG equipment to directly evaluate brain wave activity.***

The human brain is a highly sensitive instrument capable of near-instantaneous detection and response to changes in its environment, internally and externally. Such rapid response and subsequent change is beyond the speed of thought. In the past, the rapidity of these changes was attributed to chemical changes in the body. However, as our science has progressed chalking up these changes to chemistry has been found to be an inadequate explanation of this phenomenon, thus opening the door to other explanations such as interactions from the quantum state.

Interestingly, these responses are occurring even beyond the speed of light. Reactions at that rate are strong evidence of quantum field involvement. Einstein, the pioneer in quantum physics, recognized and theorized about these phenomenon, but lacked the ability to measure them, leading him to infamously explain quantum effects as “spooky actions at a distance”.

---

<sup>1</sup> This field of study is called Quantum Neurobiology of which Quantum Neuropsychology is a subset field of study.

## Quantum Energy Pain Card Study

### Development of Quantum Neurobiology

Quantum mind aka quantum consciousness studies have exposed the inability of classical physics to explain consciousness. Quantum Neurobiologists posit that quantum phenomena may play an important part in the brain's function and could explain consciousness. Quantization of energy and its influence on how energy and matter interact is part of an emerging new framework lens for understanding and describing nature.

Quantum Neurobiologists theorize that there are specialized receptor-sites in the brain that interact at the quantum level. Sir Roger Penrose winner of the 2020 Nobel Prize in Physics noted that “One might speculate that somewhere deep in the brain, cells are to be found of single quantum sensitivity. If this proves to be the case, then quantum mechanics will be significantly involved in brain activity”.

As farfetched as this may sound to the layperson, scientists recently discovered that migrating birds have specialized neurobiological organs in their brains that allow them to “see magnetic fields” which enable them to stay on course during migration. We are on the threshold of massive changes in our understanding of biology, with quantum biology at the forefront of these exciting paradigm changing investigations. Thereby extending, expanding and accelerating what is possible for science and humanity.

***“We are indeed lucky to be standing on this threshold, having the ability to at least measure effect if not direct cause using today’s technology to validate the impact of the novel yet demonstrably effective benefits of quantum energy cards and the rapid and stable changes they provide to their users.” ~ Dr. T.S. Wilson, ND PhD***

### Quantum NeuroBiology

Subtle energy and subsequently quantum information interactions are attributed to quantum energy field effects. When these fields interact with the body the study is known as quantum biology. As quantum biology relates to the brain/mind complex it is known as quantum neurobiology. Within this emerging field there is a discipline known as quantum neuropsychology. These Quantum Scientists are applying quantum physics to explain consciousness, cognition, judgment and decision making, concepts, reasoning, memory, and perception.

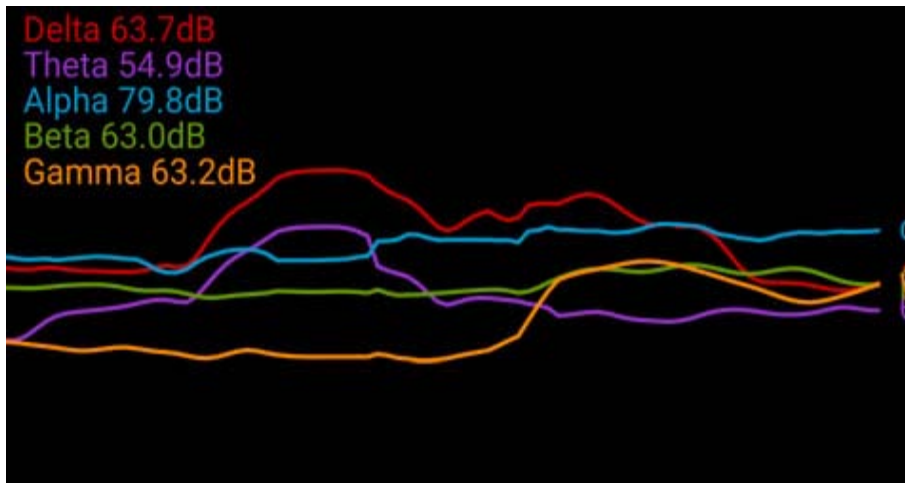
### EEG - Revealing the Profound

Because the brain is so sensitive, using non-invasive EEG technology is one of the few known ways to directly and immediately detect response to subtle energy exposures. This ability to materialize the

## Quantum Energy Pain Card Study

invisible through EEG technology reveals that something is happening, which can be observed, illustrated and analyzed through real-time brain wave charting.

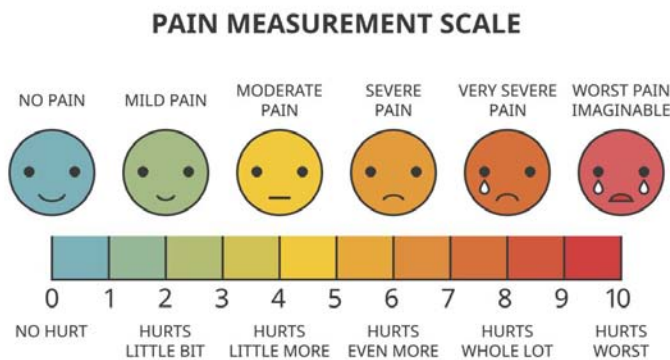
Our real-time visualization experiment involved measurement of brain waves with an EEG device paired with specialized spectrograph imaging software. This allowed us to see the five primary brain states – live and in action. Additionally, this enabled us to view and record changes to brain wave states as they occurred (in real-time).



Our experiment demonstrated the speed and efficacy of the cards on subtle energy<sup>2</sup> as detected by immediate changes to brain wave states.

The image on the left is of live brainwaves as displayed in a spectrogram format<sup>3</sup>, paired to an EEG<sup>4</sup>.

We conducted this study to detect and compare brainwaves in real time before and after exposure to the quantum energy cards for pain.



### Testing Criteria

Test subjects were selected from a broad demographic of individuals including age, race, and gender. All tested subjects reported a minimum pain level of 4 before testing.

Minimum pain levels self reported by test subjects prior to commencing initial brain wave detection was a level 4 or greater. All test subjects reported a dramatic improvement in pain levels after applying the

<sup>2</sup> Subtle Energy is energy that is very elusive, making them difficult to measure.

<sup>3</sup> Spectrograms used in the example show absolute brain wave values as they occur (real time)

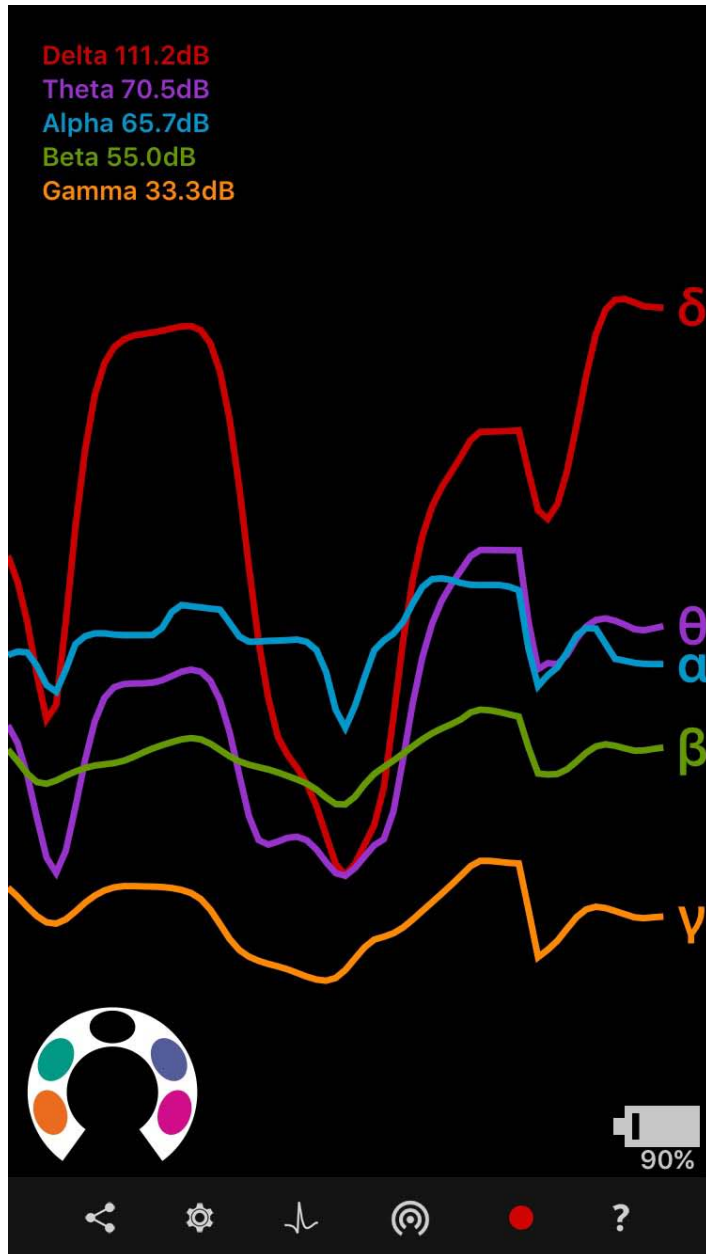
<sup>4</sup> EEG acronym for electroencephalogram, which uses sensors to detect, monitor and record electrical signals coming the brain.

## Quantum Energy Pain Card Study

cards, some within seconds others with a few hours, yet the immediate changes to their brain wave coherency was instantaneously evident.

### Baseline Brainwave Incoherence

A great deal of stress and incoherence in brain wave patterns was observed in the initial baseline testing in all test subjects, varying in severity by individual.



This is an example of incoherent, scattered brain waves.

Ideally, the brain waves display a coherent pattern and order.

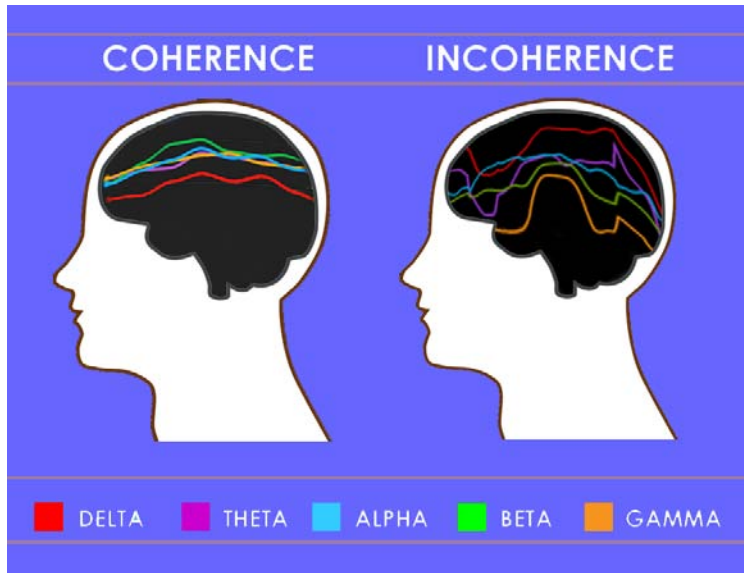
#### Ideal Daytime Conscious Brainwave Order:

- Beta = **Green** on top
- Alpha = **Blue** below Beta and above Theta and Delta
- Theta = **Purple**, ideally below Alpha
- Delta = **Red**, ideally below Theta
- Gamma = **Gold** is the wild card, due to Gamma's specialized nature, ideally it is found interacting with the other lines.

During normal daytime consciousness Gamma is typically found interactively working between Alpha and Theta and occasionally with Beta.

When Gamma is not interactive, one can suspect the existence of cognitive dysfunctions such as ADD, ADHD or even dementia, some of which may stem from chronic pain or endocrine disruptions as examples.

### Coherent vs Incoherent Brainwaves

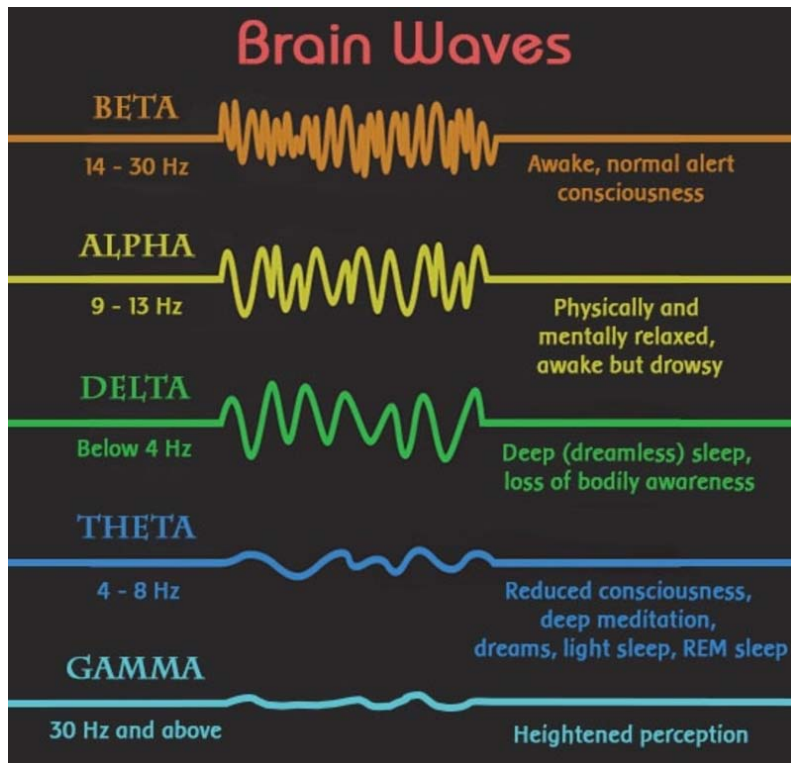


**Brain wave coherence** is an indication of the health of the brain and the overall state of well-being of the individual.

Brainwaves aligned in the proper order and having a good symmetry indicate health.

Stressed brainwave patterns are disorderly, often have jagged peaks and spatial anomalies.

The 5 primary brain waves are measured in Hertz (Hz) and are often reported in order of frequency.



**Coherence** measures the degree of synchronization, distance between lines, and order between brain waves. **Coherence** helps us to understand how the brain is interpreting the environment and how well the individual brain areas are communicating with each other.

**Incoherence** is an indication of disharmony which can be caused by stress, disease, and lack of sleep, brain injuries, trauma, chemical or toxic causations, and a host of other factors that are known to diminish cognitive functions.

## Quantum Energy Pain Card Study

### About our Tests

Ten (10) subjects were recruited to participate in our study. Prior to testing each subject self reported a pain level of 4 or above.

Each of the 10 subjects received a before baseline and an after evaluation with an EEG paired with a spectrogram imaging software. This technology bench (set up) allowed us to view their brainwaves in real time. Any observable change post the 30 second interval was attributed to QEPC influence.

Initially, all the subjects exhibited incoherencies in their brain wave patterns. These incoherencies were attributed to pain. Any improvement in the EEG images after applying the pain cards was attributed to their effect. Immediately after the baseline test, the subjects were given a pain card to hold and a second measurement was taken 30 seconds later.

An example from our testing illustrates the baseline pre- data as opposed to the post card exposure measurements:



The testing environment included a quite private room, comfortable chairs, and pleasant ambient temperature, with lighting appropriate for the room conditions. Clients were asked to avoid consuming stimulants (coffee), be well rested, and avoid taking any neurotropic medications prior to being tested.

## Quantum Energy Pain Card Study

### Test Results

The five brainwave states were evaluated pre and post card exposure. Outcomes were measured and averaged so as to include the overall or global effects of the QEPC's for each test subject. We developed a mathematical method for evaluating the outcomes which we call a Coherency Factor.

**Coherency Factor** (Coh Fact) = the overall improvement in coherence between brain wave states.

**The Coherency Factor for the combined study is 28.2% improvement after a 30 second exposure to the quantum energy pain cards (QEPC).**

### Subject 1A Example:

S1 A	Before	After	Change
Alpha	67.7	88.3	77%
Beta	90.3	80.6	112%
Delta	45.9	79.4	58%
Gamma	89.6	70	128%
Theta	38.3	73.4	52%
<b>Coh Fact</b>	<b>52.0</b>	<b>18.3</b>	<b>65%</b>

Alpha before QEPC was captured at 67.7  
After QEPC Alpha was captured at 88.3  
This is a 77% improvement in Alpha

**The highest value minus the lowest value yields the coherency factor.**

Coherence Factor by Subject	
S1 = 65%	S6 = 20%
S2 = 12%	S7 = 13%
S3 = -14%	S8 = 49%
S4 = 20%	S9 = 28%
S5 = 60%	S10 = 29%
Overall Study Coherence Factor is 28.2%	

### In Conclusion

This study confirms both the existence of subtle energies emanating from the Quantum Energy Cards and that the brain is able to perceive and react to these energies. Further, this study indicates that there is an adverse reaction to pain as demonstrated by EEG analysis and that mitigating these effects has a positive impact on coherency, therefore improving overall cognitive performance. Clients in chronic pain can expect to both be relieved of pain at some level and to see an improvement in cognition as a result.

While the study was limited in scope to 10 subjects, we believe that similar beneficial effects will be evident in a larger study of 20 or more subjects.

### About the Author, and Study Researcher and Developer



## Quantum Energy Pain Card Study

Dr. Twyla Wilson, ND PhD has been a pioneer in the field of energy medicine for more than 20 years. She began her career in California's Silicon Valley, but had an early start in her love affair with technology as she helped the engineers in her family (Dad and Husband) with their research projects over the years.

She regularly uses QEEG and EEG technologies to benefit clients suffering from Alzheimer's Dementia, Anxiety, Depression, Traumatic Brain Injury and the like. Dr. Twyla works primarily with Veterans and seniors, but has on occasion worked with children and young adults having Spectral Disorders and PTSD.

Dr. Twyla appreciates quantum energy cards for their powerful passive drugless adjunct therapeutic value for clients having chronic conditions such as pain. The cards are miraculous in that they work so effectively and so quickly, alleviating a huge strain for clients, which in turn makes treating their extended conditions less onerous.

Should you have any questions or concerns or would like to commission a study for your use, please contact her directly:

Dr. Twyla Wilson, ND PhD

(405) 919-4275

[DrTwylaWilsonND@gmail.com](mailto:DrTwylaWilsonND@gmail.com)

---

<sup>i</sup> Occam's razor, Ockham's razor, Ocham's razor, or the principle of parsimony or law of parsimony is the problem-solving principle that "entities should not be multiplied beyond necessity", sometimes paraphrased as "the simplest explanation is usually the best one." Wiki

<sup>ii</sup> [Can Birds See Magnetic Fields?](#)