

Electromagnetic Protection based on Shungite

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***Sine Qua Non* – A Coherent Frequency can have a Biological Effect.**

Frequency is the number of times per second that the pattern of something in oscillation repeats itself. A number of oscillators are coherent if their waveforms can be superimposed. The degree of coherence is determined by statistical fluctuations in the number oscillators involved in the coherence.

Field In mathematics, a field is a point in mathematical space to which a value can be assigned. In physics, a field is a physical quantity that has a value at each point in space and time. Forces are regarded as originating in such a 'field of force'.

Magnetic Fields. Bio-information is carried on the magnetic vector potential component (**A**-field) of the magnetic field. The magnetic **B**-field component is equivalent to momentum and has a frequency imprinting function. The **A**-field is a consequence of the **B**-field occurring in closed loops.

Frequency can be the frequency of a "Classical Electromagnetic Field" which is the basis of electronics and radio. It describes oscillations whose phase is well defined but for which the number of particles carrying the energy is undefined.

Frequency can be the frequency of a "Quantum Field" which takes account of waves behaving like particles (photons). There is uncertainty in both the phase of the wave property and in the number of particles involved in the coherence. The more the uncertainty is taken up by fluctuation in the number of particles, the more perfect is the coherence. This uncertainty is quantified by the Heisenberg Uncertainty Relation.

Memory. A frequency is "remembered" in water through spin precession of protons and electrons imprinted from an oscillating **A**-field. The spin itself is determined by the geomagnetic field. If imprinted water is placed in a steel box so as to reduce the ambient magnetic field below a certain critical value, the imprint is erased by thermal agitation. A chemical interacting with trace water develops characteristic frequency signature which can have a biological effect.

Distance. In a coherent system, the distance over which the coherence persists (*coherence length*) replaces velocity (e.g. of light) as the constant parameter. This gives many frequencies each proportional to a velocity the

system will support. The result is a ‘multiple frequencies’ effect enabling chemical, technological and biological frequency bands to interact over a wide frequency range extending from the optical to the circadian.

Frequencies in air. Coherent frequencies propagate by diffusion through atmospheric water vapour at a speed of the a few metres per second. If a piece of Shungite is placed in a plastic bag containing the desiccant silica gel, it loses its blocking capabilities – there is no water vapour for it to interact with. A Qi expert cannot imprint frequencies into a tube of water placed in a plastic bag containing silica gel.

An Example of an Effect of a Coherent Frequency

This is particularly important in view of the ongoing ‘safe power levels’ bargaining. Figure 1, gives an example in of the proximity effect of a coherent frequency at zero power. It involves a frequency associated with growth in a yeast/sugar culture. Working in retirement, I use food quality cultures.

In this experiment, after the culture had grown for 10 and 30 minutes its frequency was measured using a field configuration known to stop growth. This was imprinted into a tube of water and this was placed next to the yeast culture. Because of the changing frequency and the need for a precise value, the whole operation had to be completed in one minute. At 20 and 40 minutes, the inhibiting frequency was removed and yeast growth resumed. At 30 minutes 0.3792 Hz was needed, the 0.3661 Hz would have had no effect.

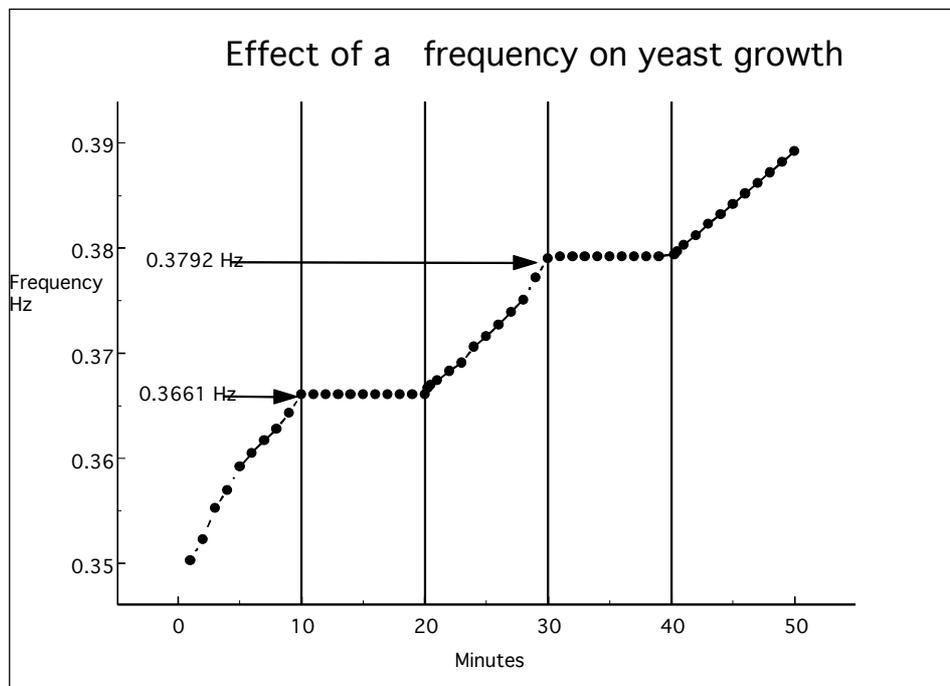
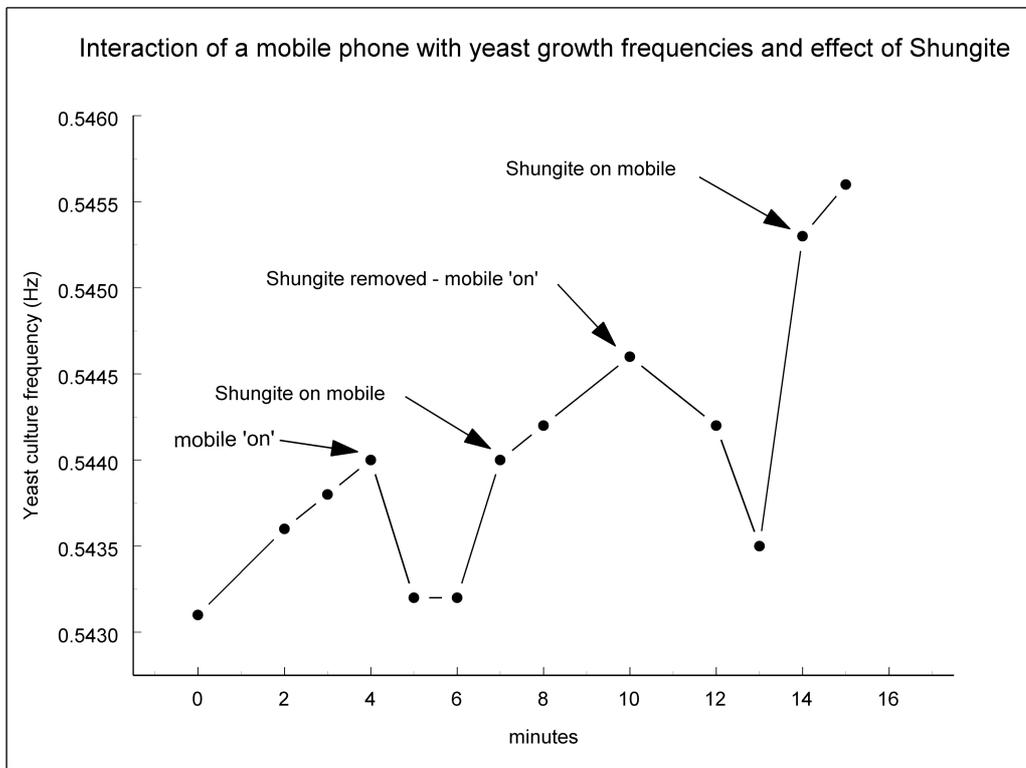


Figure 1.



Shungite Protection Similar experiment

ents were done with various Shungite products. The removal of the inhibition following the exposure of yeast cultures to a mobile phone (Figure 2) and an i-pad (Figure 3) are shown below.

Figure 2

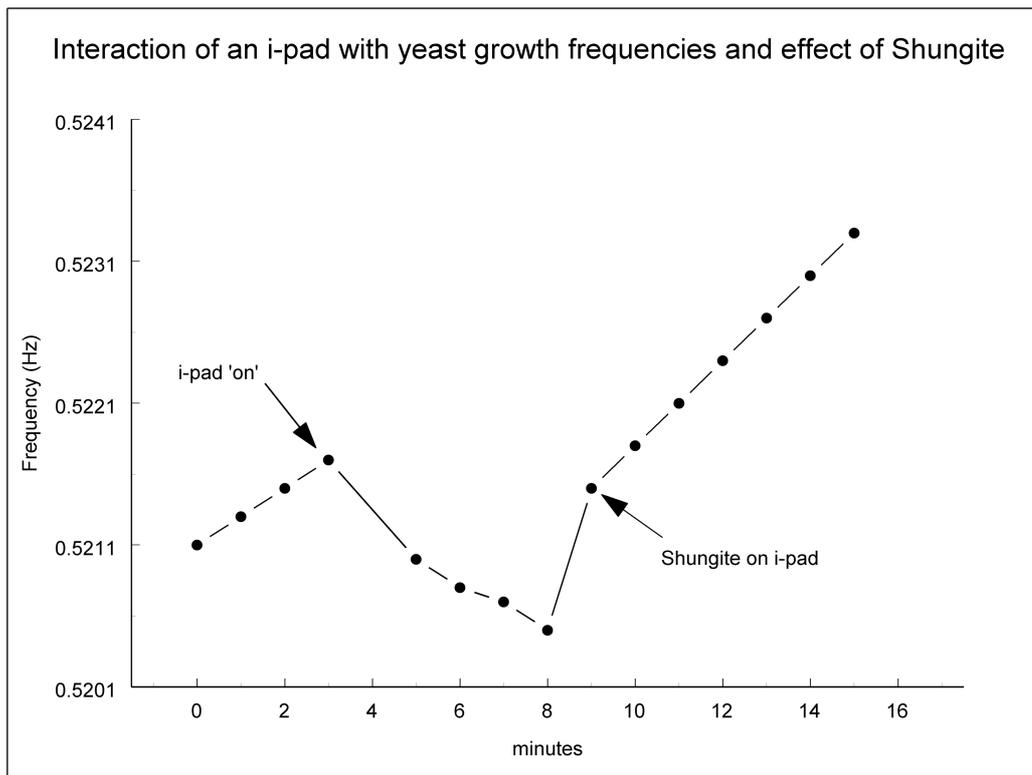


Figure 3
Electromagnetic Hypersensitivity

In 1982, a doctor asked me to help with the problems experienced by chemically sensitive patients who had become hypersensitive to their electromagnetic environment. The symptoms provoked in them by the chemicals to which they had acquired a hypersensitivity were identical to those triggered by specific frequencies in their environment. It quickly became clear that it was frequency that mattered and that each frequency was patient specific. For a chemically sensitive patient with seven allergic chemicals, I would expect to find some frequency sensitivity, with nine allergic chemicals, I would be surprised not to. This led me to the development of techniques for the measurement of frequencies, first in patients, then in water.

The provocation/neutralisation technique used for treating allergy patients involves making a set of serial dilutions of allergens and testing them on the patient to see which dilution stops the allergic reaction. This then is used for therapy. Tuning oscillators through a wide range of frequencies in front of patients gave similar provocation/neutralisation reactions at specific frequencies. Patients allergies could be neutralised either by a serial dilution

of the allergen, by that frequency from the oscillator or by that frequency imprinted into water. Such patients' reactions are not stable and if a patient reacted while holding a therapy tube, the stress frequencies would become imprinted and the next time the tube was used it would provoke that allergic reaction.

The whole of the electromagnetic spectrum is used by living systems. For example, Acupuncture Meridians have endogenous frequencies ranging from 500 μ Hz to 300 GHz and Chakra Points from 0.25 Hz to 3.9 GHz. These frequencies are usually confined to the meridians or points but, the appearance of one of these frequencies in the whole body field indicates stress on the related target organ.

Shungite

"Shungite" which occurs in North Carelia, Russia, and elsewhere seems to be associated with meteoric impacts. It is carbon having a special chemical structure.

Shungite has a therapeutic and prophylactic history in Russia going back to the 17th. Century. Czar Peter the Great instructed his army to put Shungite in their water bottles and this kept it fighting fit.

It is claimed that Shungite can effectively filter out electromagnetic fields emitted by common electronic devices, cell phones, laptops and significantly reduce the effects that electromagnetic fields have on the human body. This an example of synergism between the chemical and the electrical. Spectroscopic analysis is based on the correspondence between electromagnetic frequencies and chemical structure. The protective effect of Shungite is to be found in its chemical frequency signature and the propagation of coherence through atmospheric humidity.

The Shungite measured had a chemical frequency signature based on a decade pattern of 5.000 over a range extending from 5 μ Hz to 50 GHz. Between 10^0 and 10^{+7} the standard deviation from 5.000,000 was 8.4×10^{-6} . This decade pattern is characteristic of the naphthalene chemical structure which is the hexagonal component of the fullerene structure:

<http://www.shungite-anata.com/en/shungite/fullerene.html>.

It seems to be the decade frequency pattern which is significant. Imprinting decade patterns into water gives it similar properties. I have found decade patterns in water from two 'Holy Wells', single crystals of quartz and silicon, a commercial "treated" water. A 'healing expert' could imprint a decade pattern into water.

Two chemicals with unusual frequency signatures are hydrogen peroxide (H_2O_2) and formaldehyde (HOCO). These chemicals have a continuum of frequency rather than discrete frequency values. Hydrogen peroxide (6%) has an L-chirality (stimulatory) continuum from 2×10^{-6} Hz to $6.5 \times 10^{+10}$ Hz.

Formaldehyde (1%) has a D-chirality (depressive) continuum from 4×10^{-6} Hz to $6 \times 10^{+10}$ Hz. It is a good sensitizer for electromagnetic sensitivities

Shungite has its frequency signature from 5×10^{-6} to $5.0 \times 10^{+10}$ Hz. It blocks all the frequencies of hydrogen peroxide and formaldehyde within this range. Shungite does not block below 5×10^{-6} Hz.

While Shungite seems to be an inhibitor of frequency bio-communication associated with biological activity, it appears that it does not actually erase frequencies and does not affect the acupuncture meridians and chakras. It is a stable non-toxic chemical and unlike water frequency imprints, its frequency signature does not erase. The distance (coherence length) over which Shungite is an effective blocker of biological activity depends on the weight being used as shown in Figure 4.

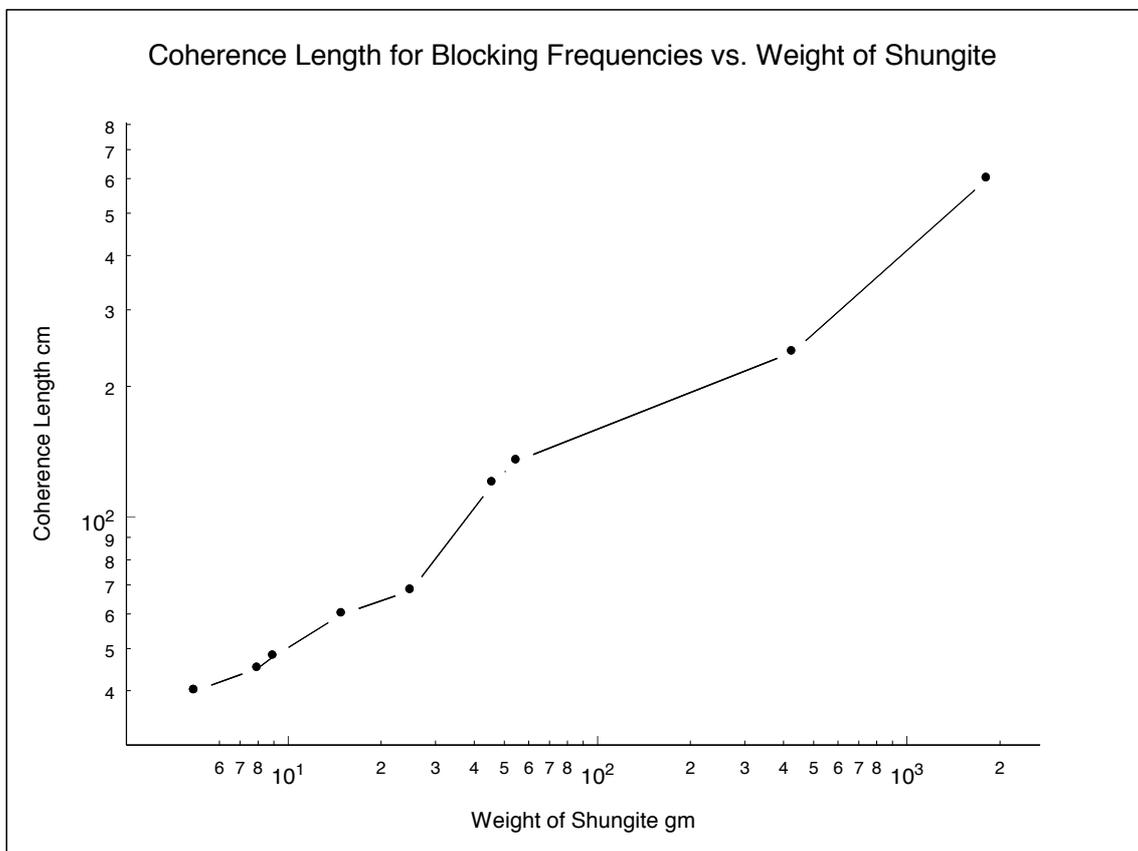


Figure 4
Fields used to Excite Resonances

In this work, resonant frequencies were excited by the following coil configurations which generate an A-field without the B-field component. The solenoid was not used as its B-field might imprint one of the test frequencies into the water being measured.

Toroid – is a coil wound around a ring which may be of ferrite. The B-field is contained within the ring and the A-field permeates the surrounding space.

Caduceus –is a coil wound like a solenoid for the first layer of wire but a second layer of wire is then wound back over it in the opposite sense. The resulting B-fields cancel so it is often called a ‘non-inductive’ coil. The tangential components of the A-fields also cancel but, the radial A-field component remains.

K-coil –In the paper “Torsion Field and Interstellar Communication” by Victor Shkatov and Vitaliy Zamsha (2015) <http://www.iga1.ru/pribor/TorsionField.pdf> there is a design that has an obvious physical basis. On p22 of that paper it is listed as the ‘Scalar Wave Hz Copper Can Antenna’ and was built by Valdimir Korobeynikov.

It consists of a solenoid coil in which the direction of winding reverses abruptly at the centre of the winding. This gives a region where closely spaced A-field components are in opposite directions.

In water, these A-fields would act on the proton (NMR) and electron (ESR) spins causing precession. The copper can filters out the proton spin component (the protons are locked into the copper nucleus) leaving only the electron spin precession. As an experimental check, the K-coil without the copper tube excited both the ESR (1.27 MHz) and NMR (2.08 kHz) resonances in water in an ambient geomagnetic field of 50 μ T but, with the copper can in place, only the electron spin frequency was excited.

Mechanism for the Shungite Effects

I found that a Qi-expert could not imprint frequencies into tube of water if it was sealed inside a plastic bag containing silica gel as desiccant. I found that this also applied to the above coils. The dry atmosphere prevented any coupling of frequencies from the fields of the coils into the water. Placing Shungite specimens in a similar dry atmosphere also removed their effectiveness in blocking the fields from the coils. In this case, the so called Torsion Fields and Scalar Waves are the propagation by diffusion of coherent frequencies as electron or proton spin precession through atmospheric humidity.

It seems that a five-based decade sequence of frequencies imprinted in water or as a chemical frequency signature can block bio-information propagating by the diffusion of coherent frequencies through atmospheric humidity for some critical distance dependent on the weight of the Shungite specimen. Beyond this distance, the frequencies reappear.

Only those frequency resonances excited by a toroid field or a Caduceus field are blocked (i.e. those involving proton precession). The K-coil can still excite frequencies involving electron spin precession within the otherwise blocked region. Fortunately, it is the blocked frequencies which are most active in biological communication hence the water purification property of Shungite.

Frequencies within the blocked region, can be recovered by bringing a strong bar magnet close up to the specimen. Mechanical succussion does not recover them. However, they must still be present within the blocked region if they are able to reappear beyond the critical distance.

Such frequency effects are usually biphasic and a decade sequence based on 3.000 opens up frequencies blocked by Shungite. This sequence is characteristic of the biphenyl structure. Biphenyl prevents the growth of moulds and fungus and is used as a preservative on citrus fruits in transportation. An orange or lemon placed on a Shungite plate cancels its protective effect – wash your hands after peeling an orange before using a Shungite protected mobile. An organic - “unwaxed” lemon had no effect on Shungite. “Waxed” is presumably a euphemism for biphenyl treatment which “unwaxed” fruit is presumably free from.

The 3.000 decade sequence imprinted into water blocks frequencies from reference specimens of : *Penicillium* , *Aspergillus*, *Alternaria* and *Candida alb.* but not *Cladosporium*.

Potential Benefits

Shungite can block bio-effects of computers, mobiles and other electronic devices. It should also block the effects of fields associated with “Smart Meters” particularly if the Shungite is immersed in water (and sealed in plastic for safety). An 8 gm piece of Shungite in air had a coherence length of 45 cm but, if immersed in water this extended to ~18 metres!

Limitations

A living system is a system constantly adapting to its environment. This results in diminishing returns for any therapy frequency. Users may think they are being protected all the time and against all electromagnetic fields thereby getting a false sense of security and encouraging overuse/abuse. Of particular concern are the body field frequencies of a person using a device while stressed. These could become imprinted in the Shungite and subsequently trigger those stresses. Shungite will take up an imprint of an environmental frequency either by succussion or by proximity. Shungite which had been lying on a WiFi router for a long while had acquired an imprint of 2.45 GHz. Shungite protection should be erased a regular intervals. This can be done by briefly placing the Shungite in a closed steel box to remove the stabilising geomagnetic field.

Acknowledgements

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