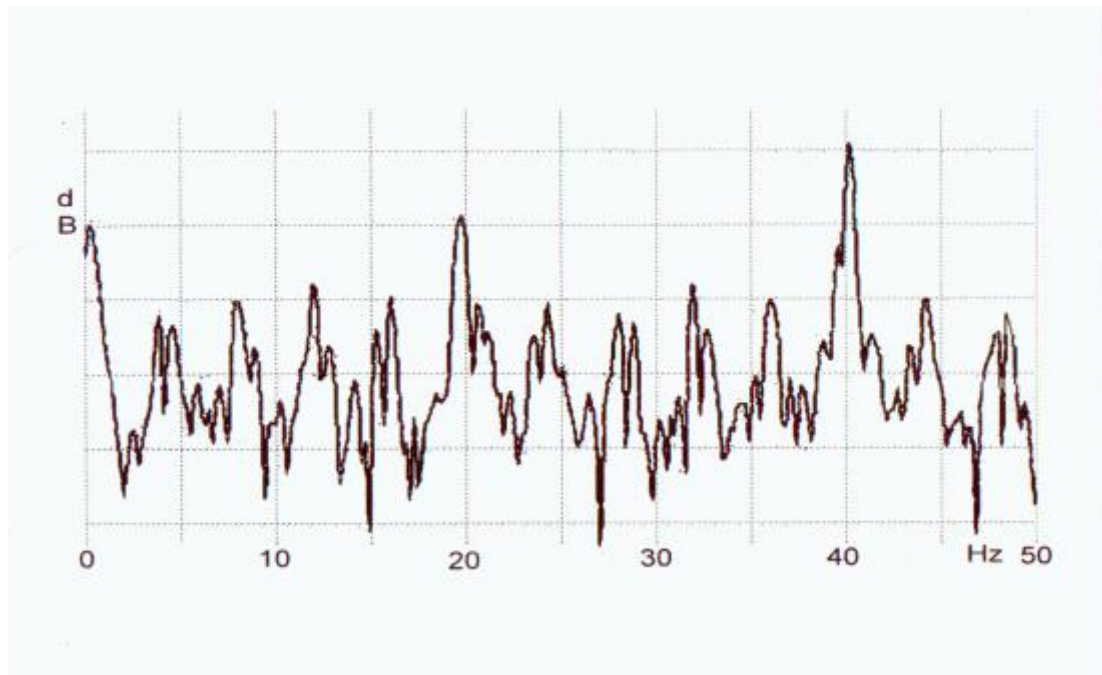


# POSITIVE ELF SPECTRUM IDENTIFICATION

Clifford E Carnicom

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ELF Spectrum at Multiples of 4Hz Positively Identified

Santa Fe NM Mar 10 2003 at approx. 1600.

X Axis : Frequency in Hz

Y Axis : Decibels

The spectrum of Extremely Low Frequency (ELF) signals has now been positively identified at multiples of 4 Hz. with the use of a digital spectrum analyzer-oscilloscope. This graph has been obtained with several significant modifications to the ELF circuit that [has been presented](#) on this site. These modifications will be described in more detail at a later time, however, they include the following important revisions:

1. The development of an external directional parallel resonant loop antenna that has been designed to resonate within the ELF range of the electromagnetic spectrum.
2. The use of an additional inexpensive commercial audio amplifier circuit at the output of the circuit as it is shown on Mar 08 2003 on this site.
3. The use of a digital oscilloscope-spectrum analyzer coupled with a computer to record the spectrum of the signal as it is shown above.

The strength of the signal has been considerably enhanced with the first two of these three modifications.

It can be observed that the power of the signal being received is clearly of artificial origin and occurs at multiples of 4 Hertz (4, 8, 12, 16, etc.).

These frequencies occur in the range of the primary electromagnetic activity of the human brain.

Research is currently underway to determine the direction (and eventual location) of the signals that are being generated and to which the populace is subject. It will be extremely helpful if citizens across the nation and or globe will construct the circuit as it has been developed to assist in determining the origin of the signals through triangulation. Additional information on the directional parallel resonant loop antenna and the additional amplifier circuit will be forthcoming as time permits.

Triangulation data to determine the signal origin and location will be presented as it is further confirmed.

It is beneficial to keep all constructions so that they can be used in a portable fashion and in a remote environment.

Those that complete circuit construction to the level that is shown on this web site are welcome to direct correspondence to me at [cec102@usa.com](mailto:cec102@usa.com).  
Modifications for further enhancement are also welcome.

It is important that this work proceed and that these methods be employed by citizens in varying locations.

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