

**Clearlight Infrared Saunas are the only infrared saunas with carbon based heaters emitting virtually NO EMF!**



Using our patent-pending infrared heater technology, our True Wave II heaters are the only carbon based infrared heaters with virtually No EMF. Our exclusive manufacturing process which utilize dual heaters allows us to cancel out EMF to levels that are virtually undetectable.

Using a state-of-the-art TriField EMF Meter, all of our heaters are tested to ensure safe levels of EMF. Electro Magnetic Fields are measured in milligauss (mG). It is generally accepted that exposure to EMF should not exceed 3 milligauss. The EPA (U.S. Environmental Protection Agency) has proposed a safety standard of 3 mG. Sweden has also set a recommended safety limit of 3 mG.

When EMF levels are measured inside the Clearlight Infrared Sauna, EMF levels are virtually undetectable.

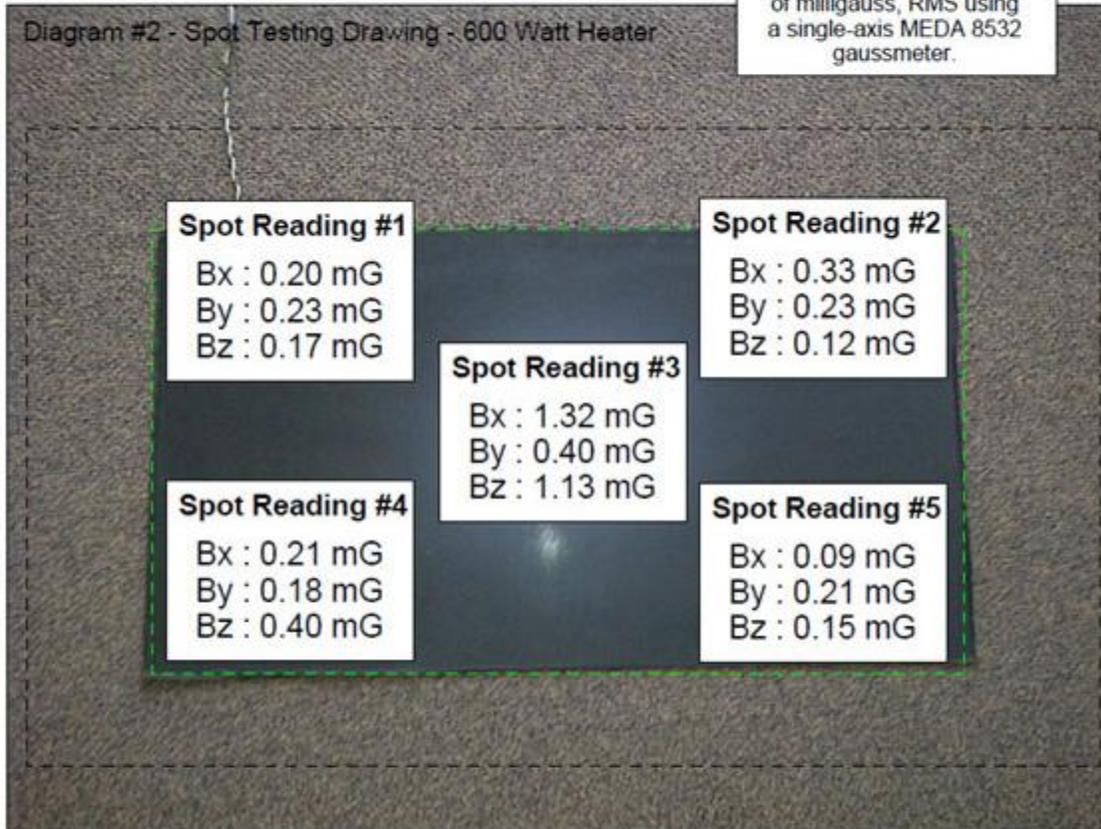
Please see the 3rd party testing below performed by EMF testing lab VitaTech Electromagnetics. These EMF readings are measured directly on the heater. Where you are seated in the Clearlight Sauna, with the wood framing keeping you 1/2" from the heaters, the EMF levels are virtually zero.

# VITATECH Electromagnetics, LLC.

AC ELF EMF EMC Testing – 600 watt SaunaWorks Heater

Diagram #2 - Spot Testing Drawing - 600 Watt Heater

Data recorded in units of milligauss, RMS using a single-axis MEDA 8532 gaussmeter.



| Spot Reading Location | Bx Component in mG, RMS | By Component in mG, RMS | Bz Component in mG, RMS | Calculated Br Resultant, mG RMS |
|-----------------------|-------------------------|-------------------------|-------------------------|---------------------------------|
| Location #1           | 0.20 mG                 | 0.23 mG                 | 0.17 mG                 | 0.35 mG                         |
| Location #2           | 0.33 mG                 | 0.23 mG                 | 0.12 mG                 | 0.42 mG                         |
| Location #3           | 1.32 mG                 | 0.40 mG                 | 1.13 mG                 | 1.78 mG                         |
| Location #4           | 0.21 mG                 | 0.18 mG                 | 0.40 mG                 | 0.49 mG                         |
| Location #5           | 0.09 mG                 | 0.21 mG                 | 0.15 mG                 | 0.27 mG                         |
| Peak Field in mG      | 1.32 mG                 | 0.40 mG                 | 1.13 mG                 | 1.78 mG                         |

Table #2 – 12 Hz – 50 kHz Magnetic Flux Density Levels recorded as Spot Readings

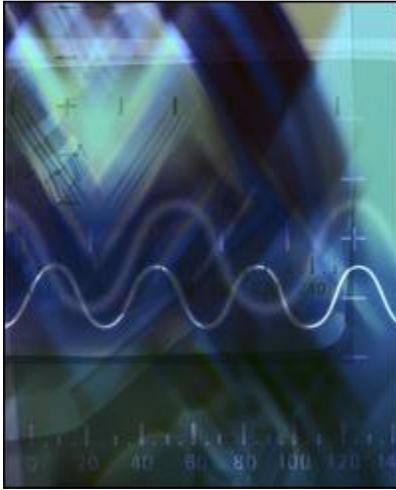
[See the full test report by clicking here \(2mb PDF\)](#)



Ask any of our competitors what level of EMF their heaters emit. You will be shocked at how high the levels of EMF are in their saunas. The following are some examples taken on our competitors saunas:

| Company Name               | EMF Measured Directly On Emitter |
|----------------------------|----------------------------------|
| Clearlight Infrared Saunas | <2.5 mG                          |
| Goldenwave Saunas          | 70 mG                            |
| Great Saunas               | 95 mG                            |
| Coastal Saunas             | 8 mG                             |
| Sunlighten Saunas          | varies by model                  |
| Solaris Saunas             | 100 mG                           |
| Healthmate Saunas          | 35 mG                            |

**\*acceptable levels should be below 3mG.**



## **What is EMF (Electro Magnetic Fields)?**

Electromagnetic Fields (EMF) are energy waves with frequencies below 300 hertz or cycles per second. The electromagnetic fields we encounter daily come from every day things such as power lines, radar and microwave towers, television and computer screens, motors, fluorescent lights, microwave ovens, cell phones, electric blankets, house wiring and hundreds of other common electrical devices.

Levels of electromagnetic fields (EMF) from human-made sources have increased steadily over the past 50-100 years. Most EMF exposures come from increased use of electricity and new technologies. In the past decades, potential adverse effects from EMF exposure on human health have been an important topic of research.

## **Is EMF Harmful to the human body?**

Numerous studies have produced contradictory results, yet some experts are convinced that the threat is real.

Dr. David Carpenter, Dean at the School of Public Health, State University of New York believes it is likely that up to 30% of all childhood cancers come from exposure to EMFs. The Environmental Protection Agency (EPA) warns "There is reason for concern" and advises "prudent avoidance".

Martin Halper, the EPA's Director of Analysis and Support says "I have never seen a set of epidemiological studies that remotely approached the weight of evidence that we're seeing with EMFs. Clearly there is something here."

Concern over EMFs exploded after Paul Brodeur wrote a series of articles in the New Yorker Magazine in June 1989. Because of Paul Brodeur's reputation, his articles had a catalytic effect on scientists, reporters and concerned people throughout the world.

In November 1989, the Department of Energy reported that "It has now become generally accepted that there are, indeed, biological effects due to field exposure."

The EMF issue gained more publicity in 1990 when alarming reports appeared in Time, the Wall Street Journal, Business Week and popular computer publications. ABC's Ted Koppel and CBS's Dan Rather both aired special segments on EMFs.

## **Some health effects linked with EMF are:**

- Memory Loss
- Depression
- Loss of Energy
- Irritability
- Inability to Concentrate
- Weakened Immune System
- Chronic Fatigue
- Headaches

**The following are links to more information about the effects of EMF and clips from a variety of sources:**

- 1) [US Center for Disease Control Fact Sheet about EMF](#)
- 2) [World Health Organization - International EMF Project](#)
- 3) [Waveguide](#)
- 4) [Read what Dr. Mercola at www.mercola.com, one of the most popular health website in the world, has to say about EMF.](#)

Here is a recent article from Dr. Mercola, titled, ["Worse than Cigarettes? The Silent Threat Harming your Health Today."](#)

- 5) [General EMF Info](#)
- 6) [EMF Journal Action Alert regarding EMF levels and Cell Phone use](#)

7) Excerpt from Peter Asmus book "Introduction to Energy in California" (University of California Press, 2009):

"Remember when people who spoke of cigarettes causing cancer were derided as being alarmist nuts? (If you do remember that, you are at least 55 years old!) Today people who assert that there could be, let alone that there is, a risk associated with cell phone use are viewed as a bit wacky. Well, the Marlboro man died of lung cancer and it appears there is a growing body of information to suggest that the Nokia man might be saddled with dementia or Alzheimers (among others) for the privilege!

Consider the following findings:

- 3% of the population may have severe reactions to electromagnetic fields (EMFs)

thought by some to shorten life expectancy.

- Young people who start using cell phones before the age of 20 have a five-fold increase in brain cancer risk.
- Up to one-third of the population may suffer from electrical hypersensitivity from EMF exposure."