

Indoor Safety

EMF Inspection & Testing

Inspector: Alex Tishbi

Direct: 310-709-0500

November 5, 2025 – 10:00 AM

8026 Carnation Dr

Buena Park, CA 90620

Magnetic Field Survey Instrument:

EMDEX-SNAP 3 - Axis Digital Survey Magnetic Field Meter

Range: 0.1 – 1,000 mG

Frequency Bandwidth: 4 Hz – 1 kHz

Measurement Method: True RMS

Sample Rate: 0.5 Seconds

What Are Magnetic Fields?

There are magnetic fields almost everywhere we go because electric power is widely used. Exposure to these fields comes from many sources, such as high voltage transmission lines carrying electricity from generating plants to communities and distribution lines bringing electricity from local substations to our homes, schools, and work places. Other sources of exposure are internal wiring in buildings, low voltage currents flowing back to the power grid on plumbing pipes, and electric appliances. Most of the fields we experience in a day come from sources other than power lines, such as wiring and home appliances in homes or workplaces. The strength of magnetic fields decreases as you move away from their source. We highly recommend you to stay away 2-3 feet away from all home appliances when they are plugged in and being used.

[Source: CA EMF Program](#)

Executive Summary Of The California EMF Risk Evaluation For Policymakers And The Public:

- **To one degree or another, all three of the DHs scientists are inclined to believe that EMFs can cause some degree of increased risk of childhood leukemia, adult brain cancer, Lou Gehrig's Disease, and miscarriage.**
- They strongly believe that EMFs do not increase the risk of birth defects, or low birth weight.
- They strongly believe that EMSs are not universal carcinogens, since there are number of cancer types that are not associated with EMF exposure.
- To one degree or another they are inclined to believe that EMFs do not cause an increased risk of breast cancer, heart disease, Alzheimer's disease, depression, or symptoms, attributed by some to sensitivity to EMFs.
- All three scientists had judgments that were "close to the dividing line between believing and not believing" that EMFs cause some degree of increased risk of suicide.

- For adult leukemia, two of the scientists are “close to the dividing line between believing or not believing” and one was “prone to believe” that EMFs cause some degree of increased risk.

Source: Executive Summary – California EMF Risk Evaluation

Magnetic Field Limits And Standards:

Despite continuously checking for updates from major power providers in Southern California, I have found no specific magnetic field standards. Given the absence of federal and state regulations for 60 Hz magnetic fields in residential and commercial areas, comparing the magnetic field numbers in this report with magnetic field standards from other countries, such as Sweden, offers a relevant point of comparison. The following outlines some organizations and countries with their respective standards:

Reference – Magnetic Field/mG (Power Lines/Internal Wiring)

Sweden:	3.0 mG - MRP
Sweden:	2.0 mG - TCO
Switzerland:	10.0 mG - N/A
WHO "possibly carcinogenic"	3.0 mG - 4.0 mG
US Congress	2.0 mG - Recommendation 1996

Magnetic Field Survey (Power Lines)

A comprehensive magnetic field survey at this property **DID** show elevated magnetic field levels from nearby power lines. Average magnetic field levels fluctuated from **0.9 mG – 3.3 mG**, which is considered elevated when compared to Swedish standards. The term “**ELEVATED**” used in this section of the report is just for comparing the numbers to Swedish standards.

Living Room

1.0 mG – 1.1 mG

Kitchen

1.0 mG – 1.2 mG

Master Bedroom

0.9 mG – 1.1 mG

Bedroom#2

1.0 mG – 1.1 mG

Bedroom#3

1.0 mG – 1.1 mG

Backyard

1.1 mG – 3.3 mG

Backyard (Gym)

1.5 mG – 2.9 mG

Backyard (Under Power Lines)

3.1 mG – 3.3 mG

Front Door

0.9 mG – 1.1 mG

Magnetic Field From Appliances

Many home and office appliances plugged into the wall can expose you to elevated magnetic fields. Some examples of appliances that generate elevated magnetic fields during use include:

- Laptops
- Desktop Computers
- Printers
- Vacuum Cleaners
- Toasters
- Microwaves
- Electric Can Openers
- Electric Toothbrush
- Blenders
- Meat Grinders
- Electric Stoves
- Dishwasher
- Smart TV's
- Refrigerator

Note:

Please note that during nighttime hours—and particularly throughout the summer weeks when temperatures exceed 100°F and air conditioning systems in the neighborhood operate at full capacity—electrical usage may fluctuate. Consequently, the magnetic field levels

recorded in your EMF inspection report may show slight, temporary elevations during these periods.

Disclaimer:

This report reflects my personal opinion and is not intended to be a diagnosis or treatment for any medical condition. The information provided should not be used as a substitute for professional medical advice, diagnosis, or treatment. Always consult with a qualified healthcare professional regarding any medical questions or concerns you may have. Never disregard professional medical advice or delay in seeking it because of something you have read in this report.

The data and measurements presented in this EMF survey are valid solely for the date of inspection (November 5, 2025). It is important to note that future assessments at this location may reflect different results and averages due to factors such as internal and/or external remodeling, modification, construction, and the inherent variability of magnetic fields from power lines and RF emissions from cell towers. Consequently, the levels recorded in this report are subject to change in subsequent EMF and RF inspections.

Please feel free to contact me if you have any question or concern about this report. My team and I will always be there for you to answer all of your questions after your EMF inspection is completed.

Thank you for choosing Indoor Safety!

Best,

Alex Tishbi

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