

EMF Testing for Dirty Electricity: Comparing a standard 100-watt incandescent light bulb to three CFL bulbs:

The Graham-Stetzer Microsurge meter is designed to measure radio frequency "energy" present on AC circuits, which are the frequencies considered most detrimental to human health.

Specifically, the meter measures the average magnitude of the changing voltage as a function of time (dV/dt), which naturally emphasizes transients and other high frequency phenomena that change rapidly with time.



The measurements of dV/dt read by the meter are defined as G-S (Graham-Stetzer) units (since no standard term is available).

Baseline reading: 680 GS

Results: (Average reading over a 10 second period)

100-watt incandescent light bulb: 678GS

CFL bulb 1 – 1,432 GS

CFL bulb 2 – 1,526 GS

CFL bulb 3 – 1,411GS

Conclusion: When turned on all three CFL bulbs tested resulted in significant amounts of dirty electricity on the circuit whereas the incandescent light bulb actually reduces the dirty electricity on the circuit.

Test conducted by Kevin Byrne on April 3, 2008

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