

The Independent Investigation Group's Investigation of Aulterra

On Saturday, November 18, 2006, The Independent Investigations Group (IIG) conducted its first test of the Aulterra Neutralizer Phone Patch.

Method

The testing method was devised by IIG Investigator Spencer Marks, and sought to determine whether the Aulterra product reduces the effects of EMF radiation. As the Aulterra website states:

Cellular phones are not the only harmful EMF radiating devices in our homes or offices. If you have any of these electronic devices, you need the protection of the Aulterra Neutralizer™:

- Computer terminal
- Microwave
- Cordless telephone
- Television
- Video Game Equipment

[From <http://www.aulterra.com/ProductDetails.asp?ProductCode=2015>, accessed 12/10/2006]

To test this claim, IIG would use a home microwave to heat glass containers of water. Some would have the Aulterra patch affixed to the outside, while the control group would not. We would heat the glasses for 22 seconds to bring the water temperature into the range of our thermometer, measure the temperature, and then heat the water for an additional 7 seconds and measure the change in temperature.

Prediction

If the Aulterra patch is effective in canceling or neutralizing EMF radiation, then the temperature of the glasses with an Aulterra patch should remain significantly lower than that of the glasses without a patch.

Equipment

Identical glass containers

Arrowhead distilled water

Measuring cup

Paper towels to protect glasses from additional heating by microwave plate

Stopwatch

Mercury thermometer with a range of 96 °F – 106 °F

Panasonic household microwave with digital timer and rotating plate – model #NN-L731BF,
manufactured 07/2001

Results

Test #	1	2	3	4
Aulterra Patch	No	Yes	Yes	No
Heating Time	22 sec	22 sec	22 sec	22 sec
Transfer Time	3 sec	3 sec	3 sec	3 sec
Thermometer Dip Time	40 sec	40 sec	40 sec	40 sec
Resulting Temperature	96.3 °F	97.8 °F	98.6 °F	99.5 °F
Heating Time	7 sec	7 sec	7 sec	7 sec
Transfer Time	3 sec	3 sec	3 sec	3 sec
Thermometer Dip Time	40 sec	40 sec	40 sec	40 sec
Final Temperature	100.8 °F	102.8 °F	105.4 °F	102.7 °F
Temperature Change (Δ)	4.5 °F	5 °F	6.8 °F	3.2 °F

Conclusion

The Aulterra Neutralizer Phone Patch showed no effectiveness in canceling the heating effect of the microwave gun within the microwave. In fact, water within the glasses that had an Aulterra patch consistently showed greater temperature increase than the glasses without a patch.