

CAN EXPOSURE TO A 1800 μ T MAGNETIC FIELD AT 60 HZ MODULATE HUMAN NEUROBEHAVIORS?

High voltage power-lines, industrial processes, domestic electric appliances are among the numerous sources of daily exposure to extremely low frequency (ELF, below 300 Hz) magnetic fields (MF). ELF MF effects on humans have been studied over the past 20 years, and it has recently been found that they can affect human movements and brain electrical activity. Results however, remain controversial and the mechanisms involved are not well understood. This study seems to confirm the effect of a high intensity MF exposure (60 Hz, 1800 μ T) on human motor control, but not on brain electrical activity (analyzes still in process).