

## IGEF Certification for ULTRASONE ULE Products

Medical studies prove that low-frequency magnetic field radiation is hazardous to the human health. Headaches, lack of concentration, loss of vitality and regular signs of tiredness amount to the more harmless symptoms of a too high radiation level. For computer monitors standard specifications like MPR II or TCO '99 already exist.

Up to now, headphones have not been at the centre of investigation. Florian M. Koenig, the technical head of ULTRASONE AG has been studying the radiation level of head-related sound sources (headphones & headsets) for years. "Especially because headphones as well as headsets are placed directly on the head", explains the developer, "special care should be taken to keep the health hazard through magnetic field emissions as low as possible."

Florian Koenig developed procedures for carrying out comparable measurements of different headphone and headset models, some of which turned out to have very high radiation values. Based on these results he developed a shielding method to reduce the radiation emitted by ULTRASONE AG products. The correctness of the procedure and the results were proved by analysis conducted by the radar measurement institute in Pfaffenhofen, Germany (Prof. Kaes). After further strict measurements by the TÜV South Germany (MOT), which attested lowest magnetic field emissions through the ULTRASONE patented method to reduce radiation, the IGEF (International Institution for Electro Mag Research) examined the products of Ultrasoner closely. They assessed all ULE products as "of low emission" and granted their certification.



**Geprüft und empfohlen  
von der IGEF**

(Inspected and recommended by IGEF - International Institution for Electro Mag Research)

For further information please contact [www.elektrosmog.com](http://www.elektrosmog.com) or [www.ultrasone.com](http://www.ultrasone.com).