MICRO WAVE NEWS

A Report on Non-Ionizing Radiation

SAR Hot Spots from Metal Earrings

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Metal earrings can spark hotter hot spots in the heads of cell phone users. A team of Spanish scientists has found that the peak SAR — a measure of the energy delivered to human tissue— can be up to 25% higher when a 900 MHz phone is pressed up to an ear pierced with a metallic object. In a paper that will appear in a future issue of *Bioelectromagnetics,* David Sanchez-Hernandez and coworkers at the Polytechnic University of Cartagena don't say exactly where such hot spots may turn up nor whether this type of magnification will also occur with 1800 MHz phones, but they do advise that this finding merits "special attention."

SAR, David Sanchez-Hernandez, Spain, hot spots,

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