

Electromagnetic Absorption in the Human Head and Neck for Mobile Telephones at 835 MHz and 1900 MHz

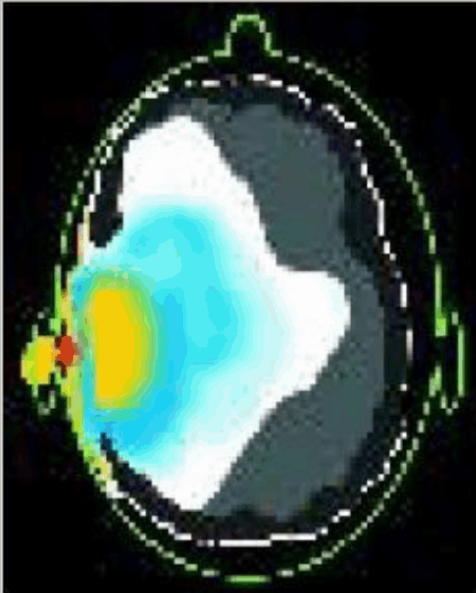


P.Gandhi, Gianluca Lazzi, Cynthia M Furse

835 MHz

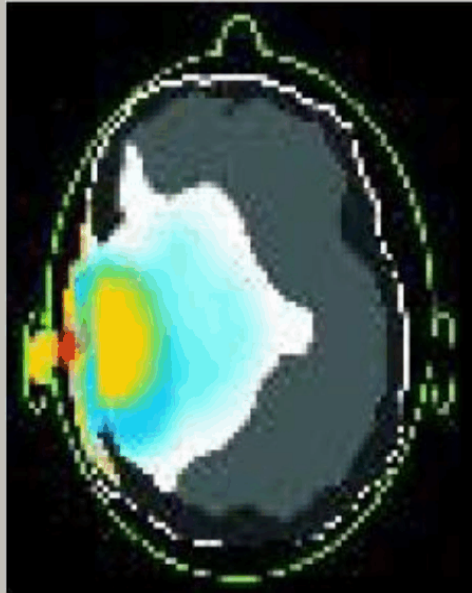
**Gandhi O.P., Lazzi G., Furse C.M. (1996 vol.44, p1884-1897):
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Mobile Telephones at 835MHz and 1900MHz**

How mobil phone radiation penetrates the brain



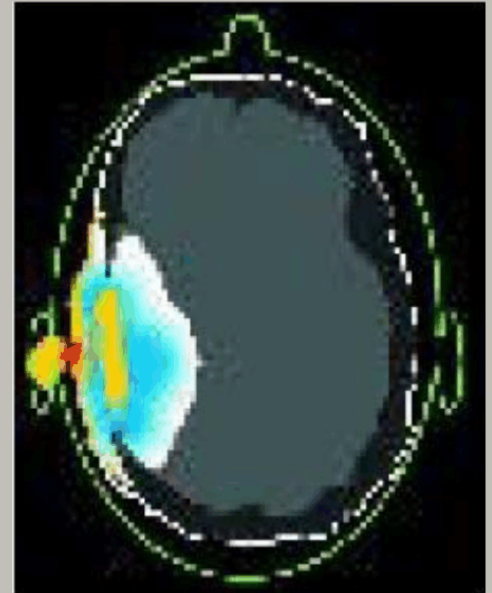
5 year old

Absorption rate : 4,49W/kg



10 year old

Absorption rate: 3,21W/kg



Adult

Absorption rate: 2,93W/kg

For a absorption rate of 2,93 W/kg of power absorptive by an adult : This same power will produce a absorption rate of 3,21 W/kg for a 10 year old child and absorption rate of 4,49 W/Kg for a 5 year old child.