



High Frequency Electromagnetic Fields (3) - Construction-Biological Guidelines

Weak ray intensity: 0.01 – 0.1 $\mu\text{W}/\text{cm}^2$

Weak field intensity: 0.1 – 0.5 V/m

Strong ray intensity: 0.1 – 1 $\mu\text{W}/\text{cm}^2$

Strong field intensity: 0.5 – 2 V/m

Extreme ray intensity: > 1 $\mu\text{W}/\text{cm}^2$

Extreme field intensity: > 2 V/m

Example: Brain flow alterations from 0,1 $\mu\text{W} / \text{cm}^2$ on

Note: Pulsed radiation is more critical. For this, only 1/10 of the values mentioned above are valid.

Lecture:
Electrosmog

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