

## International Electromagnetic Field Guidelines\*

* Baubiologie Guidelines for Sleeping Areas	Ideal	Weak	Strong	Extreme	
<b>AC Electric Field in Volts/meter (V/m)</b>					
<b>- Baubiologie</b>	<1	1 - 5	5 - 50	>50	
- Canada - see ACGIH below				25,000	
- WHO/ICNIRP				5,000	
- MPR Sweden			25		
- TCO Sweden			10		
- US Congress recommendation in 1996			10		
<b>- Baubiologie Body Voltage in milli Volts mV</b>	< 10	10 - 100	100 - 1,000	>1,000	
- Human nerve stimulation starting at		15 mV			
- Natural background	< 0.0001				
<b>AC Magnetic Fields in nanoTesla (nT) or milli Gauss (mG)</b>					
<b>- Baubiologie</b>	<b>nT</b>	<20	20 - 100	100 - 500	>500
	<b>mG</b>	<0.2	0.2 - 1	1 - 5	>5
- Canada - ACGIH USA (1996) occupational TLV					1,000,000 nT
- WHO/ICNIRP					100,000 nT
- MPR Sweden			250 nT		
- TCO Sweden			200 nT		
- US Congress recommendation in 1996			200 nT		
- Germany DIN/VDE 0107 (EEG)			200 nT		
- Switzerland: (long term occupation)					1,000 nT
- WHO/IARC (2001) are considered potentially carcinogenic for humans			300- 400nT		
- Natural background	<0.0002				
<b>Electromagnetic Waves, Radio Frequency &amp; Microwaves in microwatts/Sq. meter (<math>\mu W/m^2</math>)</b>					
<b>- Baubiologie</b>	<b>pulsed</b>	<0.1	0.1 - 5	5 - 100	>100
	<b>Non pulsed</b>	<1	1 - 50	50 - 1000	>1,000
- Canada - Safety Code 6 (1993)					6,000,000 à 10,000,000
- WHO/ICNIRP					95,000
- Germany: DIN/VDE 0848 occupational and general public BImSchV					25,000,000 à 100,000,000
- WHO/IRPA depending on frequency					2,000,000 à 10,000,000
- Salzburg Resolution, MD Association, EEG changes					(pulsed) 1,000
- European Parliament STOA					100
- USA: ANSI/IEE depending on frequency					6,000,000 à 12,000,000
- Cell phone functions at	< 0.001				
- Natural background	<0.000,001				

ACGIH = American Conference of Governmental Industrial Hygienists  
 IRPA/INIRC = International Commission on Non-Ionizing Radiation Protection  
 TCO = Swedish Confederation of Professional Employees    MPR = Swedish Board for Technical Accreditation  
 NCRP = National Council of Radiation Protection and Measurements    WHO = World Health Organization

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