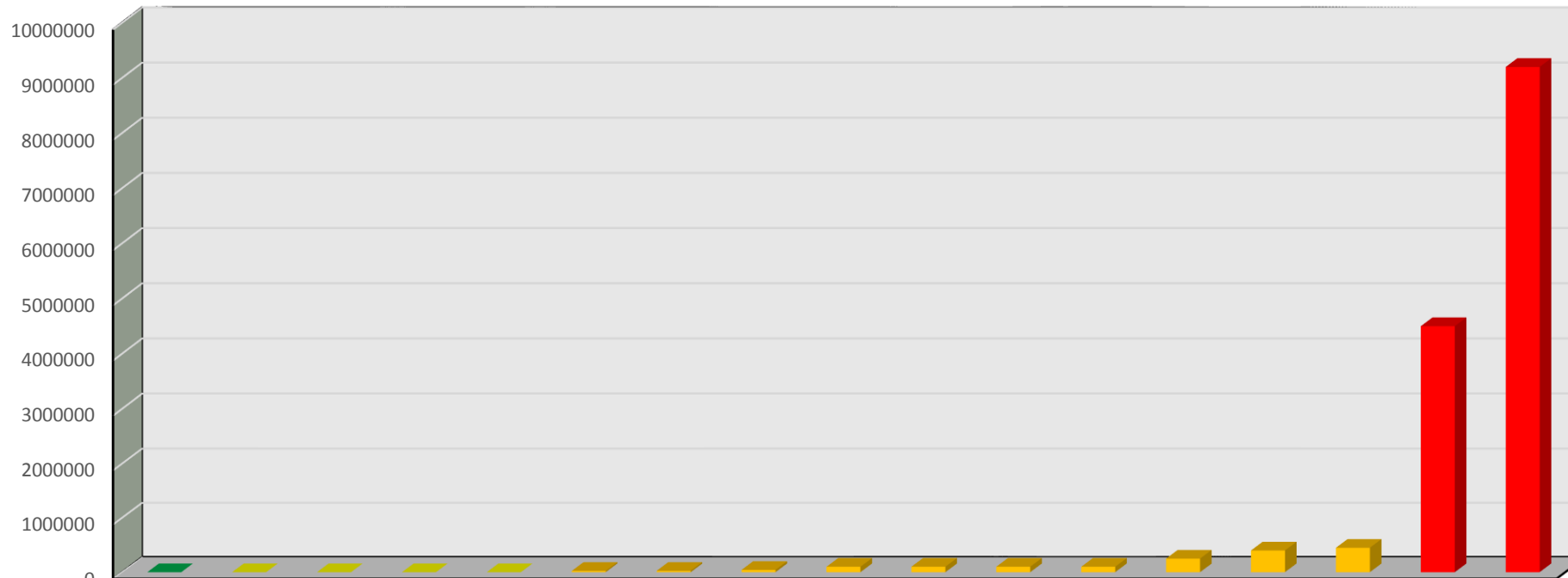


RADIO FREQUENCY RADIATION SAFETY LIMITS

Power Flux Density (a heating metric) – micro Watt per metre squared ($\mu W/m^2$)



	Natural	Building Biology	EURO-PAEM: Wifi, 2.5G	Bioinitiative	Seletun	Brussels	Poland	Switzerland	Bulgaria	Italy	Lithuania	Russia	Turkey	China	India	UK, ICNIRP, 900 MHz	UK, ICNIRP, 1.8 GHz
■ Heating Limits																4,500,000	9,200,000
■ Non-thermal Limits						24,000	25,000	42,000	100,000	100,000	100,000	100,000	250,000	400,000	450,000		
■ Biological Limits		0.1	10	6	170												
■ Biol. Sensitive Limits		0.1	0.1	3													
■ Natural Levels	0.000001																

The peak electric field (Volts per metre: V/m) is the appropriate metric for biological effects.

Natural:
 $0.000001 \mu W/m^2$
 $= 0.00001 V/m$

Sensitive and Biological:
 $0.1 \mu W/m^2 = 0.006 V/m$
 $10 \mu W/m^2 = 0.06 V/m$

Non-thermal:
 $24,000 \mu W/m^2 = 3 V/m$
 $100,000 \mu W/m^2 = 6 V/m$

Heating:
 $4,500,000 \mu W/m^2 = 41 V/m$
 $9,200,000 \mu W/m^2 = 61 V/m$

Paris in 2017 adopted 5 V/m ($75,000 \mu W/m^2$), down from 7 V/m, for 900 MHz indoor limits. Values are based on information currently available but mainly not specifying the relevant RF frequencies. Michael Bevington, 2017.