

ZONING

285 Attachment 7

Town of Greenburgh

TABLE IV
Limits for Maximum Permissible Exposure (MPE)†
[Added 8-13-1996 by L.L. No. 7-1996; amended 4-29-1997 by L.L. No. 6-1997]

- A. Limits for occupational/controlled exposure. For situations in which persons are exposed as a consequence of their employment, provided that those persons are fully aware of the potential for exposure and can exercise control over their exposure. These limits also apply in situations when an individual is transient through a location where occupational/controlled limits apply, provided that he or she is made aware of the potential for exposure.

Frequency Range (MHz)	Electric Field Strength (v/m)	Magnetic Field Strength (a/m)	Power Density (mw/cm²)	Averaging Time (minutes)
0.3-3.0	614	1.63	(100)*	6
3.0-30	1842/f	4.89/f	(900/f ²)*	6
30-300	61.4	0.163	1.0	6
300-1,500	—	—	f/300	6
1,500-100,000	—	—	5	6

NOTES:

v/m = Volts per meter.

a/m = Amperes per meter.

f = Frequency in megahertz (MHz).

mw/cm² = Milliwatts per centimeter squared.

* = Plane-wave equivalent power density.

†If the Federal Communications Commission (FCC) adopts a superseding emission standard, the new standard shall be controlling and become effective as directed in the FCC rulemaking.

- B. Limits for general population/uncontrolled exposure: for situations in which the general public may be exposed or in which persons that are exposed as a consequence of their employment may not be fully aware of the potential for exposure or cannot exercise control over their exposure.

Frequency Range (MHz)	Electric Field Strength (v/m)	Magnetic Field Strength (a/m)	Power Density (mw/cm²)	Averaging Time (minutes)
0.3-1.34	614	1.63	(100)*	30
1.34-30	842/f	2.19/f	(180/f ²)*	30
30-300	27.5	0.073	0.2	30
300-1,500	—	—	f/1500	30
1,500-100,000	—	—	1.0	30

NOTES:

v/m = Volts per meter.

a/m = Amperes per meter.

f = Frequency in megahertz (MHz).

mw/cm² = Milliwatts per centimeter squared.

XXXXX CODE

* = Plane-wave equivalent power density.