

47 CFR 1.1310(e)(1) Maximum Permissible Exposure (MPE) - Limits for General Population/Uncontrolled Exposure

Frequency (f)	Average Power (P)	Antenna Gain (G)	Duty Cycle (DC)	EIRP ¹	EIRP	R	Power Density ² (PD)	Power Density Limit	Margin
MHz	dBm	dBi	%	dBm	mW	cm	mW/cm ²	mW/cm ²	dB
2.75	64.0	0.0	100.0	64.0	2500000	920	0.235	23.8	20.1
16	64.0	0.0	100.0	64.0	2500000	920	0.235	0.7	4.8
23	64.0	0.0	100.0	64.0	2500000	920	0.235	0.3	1.6

¹ $EIRP_{dBm} = P + G + 10\log(D/100)$

² $PD = EIRP_{mW} / (4\pi R^2)$