

11.MPE ESTIMATION

11.1.Limit for General Population / Uncontrolled Exposures

Frequency	Power density (mW/cm ²)	Averaging time (minutes)
300MHz~1.5GHz	F/1500	30
1.5GHz~100GHz	1.0	30

Frequency (MHz)	Power density (mW/cm ²)	Averaging time (minutes)
2408	0.60	30
2442	0.61	30
2476	0.62	30

Note: F = Frequency in MHz

11.2.Estimation Result

Channel	Frequency(MHz)	Peak output power(dBm)	antenna gain(dBi)	antenna gain (Linear)
Low	2408	0.37	0	1
Mid	2442	0.88	0	1
High	2476	0.86	0	1

Channel	Frequency(MHz)	Peak output power to antenna (mW)	Power density at 20cm(mW/ cm ²)
Low	2408	1.09	2.16×10^{-4}
Mid	2442	1.22	2.43×10^{-4}
High	2476	1.22	2.43×10^{-4}