

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)
2410	1.0	30
2440	1.0	30
2469	1.0	30

Note: F = Frequency in MHz

11.2.Estimation Result

CH	Frequency (MHz)	Peak output power (dBm)	Antenna gain (dBi)	Antenna gain (Linear)
Low	2410	0.64	0	1
Mid	2440	1.11	0	1
High	2469	0.16	0	1

CH	Frequency (MHz)	Peak output power (mW)	Power density at 20cm (mW/ cm ²)
Low	2410	1.159	2.31×10^{-4}
Mid	2440	1.291	2.57×10^{-4}
High	2469	1.038	2.06×10^{-4}