

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 | -1.27 | 0 | 1 |
| Mid | 2440 | -3.60 | 0 | 1 |
| High | 2469 | -7.69 | 0 | 1 |

| CH | Frequency (MHz) | Peak output power (mW) | Power density at 20cm (mW/ cm ²) |
|------|-----------------|------------------------|--|
| Low | 2410 | 0.746 | 1.490×10^{-4} |
| Mid | 2440 | 0.437 | 8.70×10^{-5} |
| High | 2469 | 0.170 | 3.40×10^{-5} |