**Maximum Permissible Exposure:**

This device is shown to meet both Controlled/Occupational exposure and Uncontrolled exposure limits at a distance of 20 cm.

Power Density = EIRP / (4 * Pi * $R^2$),

where EIRP = Output Power * Antenna Gain

| | | | | |
|---|---|---|---|---|
| Limit for **Uncontrolled** Exposure at Operating Frequency | **10** | $W/m^2$ | - or - | **1** $mW/cm^2$ |

**Uncontrolled/Occupational Exposure**

| | | | | |
|---|---|---|---|---|
| Operating Frequency | 2440 | MHz | | |
| Output Power (Peak) | 0.178 | Watts | | |
| Antenna Gain | 5.1 | dB | or (linear) | 3.235937 (unitless) |
| Separation Distance | 0.2 | m | -or- | 7.874 inches |
| Peak Power Density | 1.146 | $W/m^2$ | - or - | 0.1146 $mW/cm^2$ |
| Exposure % (over 6 min timespan for uncontrolled) | 100% | | | |
| Transmit Duty Cycle (Peak-to-Average Ratio) | 100% | | | |
| Average Power Density | **1.146** | $W/m^2$ | - or - | **0.1146** $mW/cm^2$ |

| | | | | |
|---|---|---|---|---|
| Limit for **Uncontrolled** Exposure at Operating Frequency | **10** | $W/m^2$ | - or - | **1** $mW/cm^2$ |