

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/m² - or - **1 mW/cm²**

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/m² - or - 0.1146 mW/cm²

Exposure % (over 6 min timespan for uncontrolled)	100%
---	------

Transmit Duty Cycle (Peak-to-Average Ratio)	100%
--	------

Average Power Density **1.146 W/m²** - or - **0.1146 mW/cm²**

Limit for **Uncontrolled**
Exposure at Operating
Frequency

10 W/m² - or - **1 mW/cm²**