

Maximum Permissible Exposure - 2412MHz

$$\text{Power Density} = \text{EIRP} / (4 * \text{Pi} * \text{R}^2)$$

EIRP Calculated in Test Report

Controlled/Occupational & Uncontrolled Exposure

Operating Frequency	2412 MHz (Vertical)		
EIRP	0.02 Watts		
Separation Distance	0.2 m	-or-	7.874 inches

Peak Power Density	0.040 W/m ²	- or -	0.0040 mW/cm ²
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Exposure % (over 30 minute timespan for occupational exposure)	100%		
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Transmit Duty Cycle (Peak-to-Average Ratio)	100%		
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Average Power Density	0.0397886 W/m ²	- or -	0.0040 mW/cm ²
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Limit for Controlled/Occupational Exposure at Operating Frequency	50 W/m ²	- or -	5 mW/cm ²
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Limit for Uncontrolled Exposure at Operating Frequency	10 W/m ²	- or -	1 mW/cm ²
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Maximum Permissible Exposure

$$\text{Power Density} = \text{EIRP} / (4 * \text{Pi} * \text{R}^2)$$

EIRP Calculated in Test Report

Controlled/Occupational & Uncontrolled Exposure

Operating Frequency	2412 MHz (Horizontal)		
EIRP	0.065 Watts		
Separation Distance	0.2 m	-or-	7.874 inches

Peak Power Density	0.129 W/m ²	- or -	0.0129 mW/cm ²
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Exposure % (over 30 minute timespan for occupational exposure)	100%		
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Transmit Duty Cycle (Peak-to-Average Ratio)	100%		
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Average Power Density	0.1293131 W/m ²	- or -	0.0129 mW/cm ²
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Limit for Controlled/Occupational Exposure at Operating Frequency	50 W/m ²	- or -	5 mW/cm ²
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Limit for Uncontrolled Exposure at Operating Frequency	10 W/m ²	- or -	1 mW/cm ²
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Maximum Permissible Exposure - 2438MHz

Power Density = $EIRP / (4 * \pi * R^2)$
EIRP Calculated in Test Report

Controlled/Occupational & Uncontrolled Exposure

Operating Frequency	2438 MHz (Horizontal)		
EIRP	0.061 Watts		
Separation Distance	0.2 m	-or-	7.874 inches

Peak Power Density	0.121 W/m ²	- or -	0.0121 mW/cm ²
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Exposure % (over 30 minute timespan for occupational exposure)	100%		
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Transmit Duty Cycle (Peak-to-Average Ratio)	100%		
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Average Power Density	0.1213554 W/m ²	- or -	0.0121 mW/cm ²
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Limit for Controlled/Occupational Exposure at Operating Frequency	50 W/m ²	- or -	5 mW/cm ²
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Limit for Uncontrolled Exposure at Operating Frequency	10 W/m ²	- or -	1 mW/cm ²
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Maximum Permissible Exposure

Power Density = $EIRP / (4 * \pi * R^2)$
EIRP Calculated in Test Report

Controlled/Occupational & Uncontrolled Exposure

Operating Frequency	2438 MHz (Vertical)		
EIRP	0.018 Watts		
Separation Distance	0.2 m	-or-	7.874 inches

Peak Power Density	0.036 W/m ²	- or -	0.0036 mW/cm ²
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Exposure % (over 30 minute timespan for occupational exposure)	100%		
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Transmit Duty Cycle (Peak-to-Average Ratio)	100%		
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Average Power Density	0.0358098 W/m ²	- or -	0.0036 mW/cm ²
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Limit for Controlled/Occupational Exposure at Operating Frequency	50 W/m ²	- or -	5 mW/cm ²
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Limit for Uncontrolled Exposure at Operating Frequency	10 W/m ²	- or -	1 mW/cm ²
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Maximum Permissible Exposure - 2464MHz

Power Density = $EIRP / (4 * \pi * R^2)$
EIRP Calculated in Test Report

Controlled/Occupational & Uncontrolled Exposure

Operating Frequency	2464 MHz (Vertical)		
EIRP	0.011 Watts		
Separation Distance	0.2 m	-or-	7.874 inches

Peak Power Density	0.022 W/m ²	- or -	0.0022 mW/cm ²
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Exposure % (over 30 minute timespan for occupational exposure)	100%		
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Transmit Duty Cycle (Peak-to-Average Ratio)	100%		
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Average Power Density	0.0218838 W/m ²	- or -	0.0022 mW/cm ²
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Limit for Controlled/Occupational Exposure at Operating Frequency	50 W/m ²	- or -	5 mW/cm ²
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Limit for Uncontrolled Exposure at Operating Frequency	10 W/m ²	- or -	1 mW/cm ²
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Maximum Permissible Exposure

Power Density = $EIRP / (4 * \pi * R^2)$
EIRP Calculated in Test Report

Controlled/Occupational & Uncontrolled Exposure

Operating Frequency	2464 MHz (Horizontal)		
EIRP	0.04 Watts		
Separation Distance	0.2 m	-or-	7.874 inches

Peak Power Density	0.080 W/m ²	- or -	0.0080 mW/cm ²
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Exposure % (over 30 minute timespan for occupational exposure)	100%		
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Transmit Duty Cycle (Peak-to-Average Ratio)	100%		
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Average Power Density	0.0795773 W/m ²	- or -	0.0080 mW/cm ²
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Limit for Controlled/Occupational Exposure at Operating Frequency	50 W/m ²	- or -	5 mW/cm ²
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Limit for Uncontrolled Exposure at Operating Frequency	10 W/m ²	- or -	1 mW/cm ²
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