## **RF Exposure Calculator**

## **Parameters**

• Power at Antenna: 10 (watts	s)		
Mode duty cycle:			
For all others, or if unknown, assume worst case scenario (duty cycle=100%) 🗸			
• Transmit duty cycle: (time transmitting)			
You transmit for 1 ✓ minutes then receive for 1 ✓ minutes (and repeat).  • Antenna Gain (dBi): 2.15  • Operating Frequency (MHz): 28  ✓ Include Effects of Ground Reflections  This calculator should not be used for antennas that are less than 20 cm (8 in) from a person.			
		Results for a controlled environment:	
		Maximum Allowed Power Density (mW/cm <sup>2</sup> ): 1.1480	
		Minimum Compliance Distance (feet): 1.2518	
Minimum Compliance Distance (meters): 0.3815			
For an uncontrolled environment:			
Maximum Allowed Power Density (mW/cm <sup>2</sup> ): 0.2296			
Minimum Compliance Distance (feet): 2.7990			
Minimum Compliance Distance (meters): 0.8531			

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