RF Exposure Calculator

Parameters

• Power at Antenna: 20	(watts)
Mode duty cycle:	
Conversational CW (duty cycle=40%)	
• Transmit duty cycle: (time transmitting)	
You transmit for 1 \checkmark minutes then re	eceive for 1 \checkmark 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. 	
Maximum Allowed Power Density (mW/cm ²):	: 1.1480
Minimum Compliance Distance (feet): 1.1196	
Minimum Compliance Distance (meters): 0.3413	
For an uncontrolled environment:	
Maximum Allowed Power Density (mW/cm ²):	: 0.2296
Minimum Compliance Distance (feet): 2.5035	
Minimum Compliance Distance (meters): 0.7631	

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