RF Exposure Calculator

Parameters

- Power at Antenna: 50 (watts)
 Mode duty cycle:
- Conversational SSB, heavy speech processing (duty cycle=50%)
- Transmit duty cycle: (time transmitting)
 You transmit for 1 v minutes then receive for 1 v minutes (and repeat).
- Antenna Gain (dBi): 2.15
- Operating Frequency (MHz): 14

✓ 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 ²): 4.5918	
Minimum Compliance Distance (feet): 0.9896	
Minimum Compliance Distance (meters): 0.3016	

For an uncontrolled environment:

Maximum Allowed Power Density (mW/cm ²): 0.9184	
Minimum Compliance Distance (feet): 2.2128	
Minimum Compliance Distance (meters): 0.6745	

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