RF Exposure Calculator

Parameters

• Power at Antenna: 10 (watts)
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 \checkmark minutes then receive for 1 \checkmark 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): 0.6259
Minimum Compliance Distance (meters): 0.1908
For an uncontrolled environment:
Maximum Allowed Power Density (mW/cm ²): 0.9184
Minimum Compliance Distance (feet): 1.3995
Minimum Compliance Distance (meters): 0.4266

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