

Enter Antenna and Operating Data

Antenna Type	<input type="text" value="Half-wave Dipole"/>	Antenna Gain, dBi	<input type="text" value="2.15"/>
Transmission Line Type	<input type="text" value="RG-8X"/>	Transmission Line Length, Feet	<input type="text" value="32.8"/>
Transmitter Power (Max. PEP), Watts	<input type="text" value="25"/>	Include Ground Effects?	<input type="text" value="No"/>
Frequency, MHZ	<input type="text" value="156"/>	Power at Antenna, PEP Minus Line Loss, Watts	<input type="text" value="18"/>

Estimated distances from transmitting antenna (in feet) necessary to meet FCC power density limits for Maximum Permissible Exposure (MPE):	Controlled	Uncontrolled
SSB w/o processor (20% duty cycle):	<input type="text" value="0.7"/>	<input type="text" value="1.6"/>
CW and SSB w/processor (40% duty cycle):	<input type="text" value="1"/>	<input type="text" value="2.2"/>
FM/FSK/RTTY/AFSK/SSTV (100% duty cycle):	<input type="text" value="1.6"/>	<input type="text" value="3.5"/>
WORST CASE (100% duty cycle;w/o transmission line attenuation; w/ground reflection effects):	<input type="text" value="3"/>	<input type="text" value="6.7"/>

Antenna and Operating Data can be changed by clicking on the data boxes. Press 'ENTER' after data entry for new results to be displayed.