

WEGG

ROSE HILL, NORTH CAROLINA

DERIVATION OF CRITICAL HOURS RADIATION LIMITS TOWARD WOR

To WOR 0.1 mV/m Ground Wave Contour <u>Azimuth Miles</u>	From FCC §73.190 Figures 10 & 11 and FCC §73.188 (mV/m/mile)	Rad. Lim. mV/m <u>kM</u>
<u>008.6</u> <u>250.4</u>	<div>500 kHz 1000 mV/m x 0.58 = 580</div> <div>1000 kHz 340 mV/m x 0.42 = <u>142</u></div> <div>722 x 1.609 = 1163</div>	
020.0 249.8	<div>500 kHz 910 mV/m x 0.58 = 528</div> <div>1000 kHz 315 mV/m x 0.42 = <u>132</u></div> <div>660 x 1.609 = 1062</div>	
032.0 263.5	<div>500 kHz 890 mV/m x 0.58 = 516</div> <div>1000 kHz 309 mV/m x 0.42 = <u>129</u></div> <div>645 x 1.609 = 1038</div>	