



**RF RADIATION CALCULATIONS
IN ACCORDANCE WITH OET BULLETIN 65**

TOWER COORDINATES: 45°-56'-43"; 90°-16'-22"
WECB TOWER SITE (ASR No. 1035226)
PARK FALLS, WISCONSIN

February, 2010

Station	Frequency (MHz)	ERP (KW) (Visual for TV)	Antenna Height AGL(m)	Power Density (mW/cm²)	% FCC Public Exposure Max.
WLEF-DT	605	277*	448	0.046511	11.53
WHBM(FM)	90.3	35*	217	0.050579	25.29
WXM-91	162.5	1.9	206	0.001525	0.76
NEW FM	89.3	8*	100	0.055643	27.82
TOTAL					65.40

* Power levels as proposed in FCC applications. ERP for FM stations is in both horizontal and vertical polarizations.

Notes:

The power densities were calculated at a point two meters above ground at the base of the tower, using Equation (9) of OET Bulletin 65. All broadcast radiators within 300 meters horizontal distance are included above.