



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

***POST-DTV TRANSITION***

**WHA-DTV SITE  
MADISON, WISCONSIN  
ASR# 1033919**

**June 2008**

**Site Coordinates: N 43°-03'-21"; W 89°-32'-06"**

Station	Freq. (MHz)	ERP (KW)	Antenna Height AGL(m)	Power Density (mW/cm <sup>2</sup> )	% FCC Public Exposure Max.
WMSN-DT	201	15	430	0.000109	0.05
WISC-DT	689	603	423	0.004547	0.99
WKOW-DT	545	400	412	0.003180	0.88
Prop. WHA-DT	509	140	411	0.001118	0.33
WERN(FM)	88.7	20.5*	343	0.011780	5.89
WIBA-FM	101.5	12*	266	0.011505	5.75
WMAD(FM) App.**	96.3	0.62*	266	0.000594	0.30
<b>TOTAL</b>					<b>14.19</b>

\* Circularly polarized

\*\* Proposed in BPH-20080508ABQ

Note: A downward radiated field of 20% was used for all DTV stations.