

**APPENDIX A  
SUMMARY OF RADIOFREQUENCY  
RADIATION STUDY**

WCGV(DT), Milwaukee, Wisconsin  
CHANNEL 25, 625 kW (MAX), 340.3 m HAAT  
August, 2001

<u>CALL</u>	<u>SERVICE</u>	<u>CHANNEL</u>	<u>FREQUENCY</u>	<u>POLARIZATION</u>	<u>ANTENNA HEIGHT **</u>	<u>ERP (kW)</u>	<u>VERT. RELATIVE FIELD FACTOR</u>	<u>PREDICTED POWER DENSITY (mW/cm<sup>2</sup>)</u>	<u>FCC UNCONTROLLED LIMIT (mW/cm<sup>2</sup>)</u>	<u>PERCENT OF UNCONTROLLED LIMIT</u>
WCGV-DT	DT	25	539	H	344	625.000	0.300	0.01588	0.359	4.42%
WCGV-TV	TV	24	533	H	344	5000.000	0.300	0.06352	0.355	17.88%
WPXE(DT)	DT	40	629	H	344	910.000	0.300	0.02312	0.419	5.51%
WMVS	TV	10	195	H	318	309.000	0.300	0.00459	0.200	2.30%
WMVS(DT)	DT	8	183	H	361	25.100	0.300	0.00058	0.200	0.29%
WVTV(TV)	TV	18	497	H	323	5000.000	0.300	0.07205	0.331	21.75%
WVTV(DT)	DT	61	755	H	322	690.000	0.300	0.02000	0.503	3.97%
WMVT(DT)	DT	35	599	H	359	400.000	0.300	0.00933	0.399	2.34%
WMVT(TV)	TV	36	605	H	345	4790.000	0.300	0.06050	0.403	15.00%
WWRS-TV	DT	43	647	H	362	500.000	0.300	0.01147	0.431	2.66%
WKLH	FM	243	96.5	H & V	261	20.000	0.300	0.00177	0.200	0.88%
WLUM-FM	FM	271	102.1	H & V	67	3.800	0.300	0.00509	0.200	2.55%
WXSS	FM	279	103.7	H & V	272	19.500	0.300	0.00159	0.200	0.79%
960625TD	FM	286	105.1	H & V	179	0.099	0.300	0.00002	0.200	0.01%
<b>TOTAL PERCENTAGE OF ANSI VALUE=</b>										<b>80.34%</b>

*\*\* The antenna heights indicated above are 2 meters less than the actual antenna heights  
so that the predicted power densities consider the 2 meter human height allowance.*