

# SUMMARY OF RADIOFREQUENCY RADIATION STUDY

WRGB, Replacement Translator - GLENS FALLS, NEW YORK  
CHANNEL 39, DIGITAL FACILITY - 15 kW ERP, 462 m AMSL  
DECEMBER, 2012

<u>CALL</u>	<u>SERVICE</u>	<u>CHANNEL</u>	<u>FREQUENCY</u>	<u>POLARIZATION</u>	<u>ANTENNA HEIGHT ** mAGL</u>	<u>ERP (kW)</u>	<u>VERT. RELATIVE FIELD FACTOR</u>	<u>PREDICTED POWER DENSITY (mW/cm<sup>2</sup>)</u>	<u>(mW/cm<sup>2</sup>)</u>	<u>PERCENT OF UNCONTROLLED LIMIT</u>
WRGB	DT	39	623	H	58	15.000	0.300	0.01340	0.415	3.23%
WNYT	DT	45	659	H	38	15.000	0.300	0.03123	0.439	7.11%
W47CM	TV	47	671	H	60	20.200	0.300	0.00844	0.447	1.89%
W48DQ-D	DT	48	677	H	36	15.000	0.300	0.03479	0.451	7.71%
WBAR-FM	FM	234	94.7	H & V	31	1.250	1.000	0.08691	0.200	43.46%

**TOTAL PERCENTAGE OF ANSI VALUE= 63.39%**

*\*\* 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.*

*This evaluation includes facilities collocated at the site, and facilities located within 315 meters.*