

Environmental Effects

Educational Media Foundation (“EMF”) certifies that WUKV complies with the maximum permissible radiofrequency electromagnetic exposure limits for controlled and uncontrolled environments.

The RF worksheet in the Instructions to form 303-S was unusable to determine compliance for this facility because the site is located near a TV broadcast facility and an FM facility. Therefore, EMF used RFHAZ, a commercial software package created by V-Soft Communications, to determine compliance for this site.

These were each evaluated using the RFHAZ software. The results are as follows:

Call	Channel	COR AGL	ERP	EPA Antenna used	Max Pub (uW/cm ²)	Max	% of Max Pub
WUKV	239	30	1.3	Jampro JMPC-1R	200	26.55	13.27
WKSJ-LD	21	20	.6	Worst Case Ring Stub*	200	60.24	30.12
W256DP	256	.20	.09	Worst Case Ring Stub*	200	9.04	4.52
Totals						95.83	47.91

* In the interest of simplicity, these are appropriate worst case antennas. Since the site complies using these worst case values, no more detailed evaluation was performed.

Based on this evaluation, the site is currently less than 48% of the public (uncontrolled) exposure limits, and therefore fully complies with the FCC’s maximum permissible radiofrequency electromagnetic exposure limits for controlled and uncontrolled environments.