

Environmental Effects

Educational Media Foundation (“EMF”) certifies that WZLV 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 of the “worst case” nature of the worksheet. Therefore, EMF used RFHAZ, a commercial software package created by V-Soft Communications, to determine compliance for this site.

The site is shared with one other FM facility. 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
WZLV	214	148	47	Type 2	200	19.08	9.5
WWIP*	206	129	20	Type 1	200	48.33	24.2
Totals						67.41	33.7

* WWIP, Cheriton, VA (FIN 90265).

Based on this evaluation, the site is currently approximately 33.7% 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.