

**Environmental Effects**

Educational Media Foundation (“EMF”) certifies that KAIA 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 another broadcast 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 <sup>2</sup> )	Max	% of Max Pub
KAIA	218	124	49 (vertical)	Vertical Dipole	200	9.43	4.72
KLSC	225	142	50 (circular)	6-bay fullwave Rototiller	200	11.31	5.66
Totals						20.74	<b>10.38</b>

Based on this evaluation, the site is 10.38% 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.