

Environmental Effects

Educational Media Foundation (“EMF”) certifies that KAWF 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 ²)	Max	% of Max Pub
KAWF	203	138	50.000	6-bay “double v”	200	19.49	9.75
KUFW	292	116	16.000	6-bay 0.5 λ “rototiller”	200	0.76	0.38
Totals						20.25	10.13

Based on this evaluation, the site is better than 10.13% of the public (uncontrolled) exposure limits, and therefore KAWF fully complies with the FCC’s maximum permissible radiofrequency electromagnetic exposure limits for controlled and uncontrolled environments.