

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.