

## Environmental Impact of Application

The tower proposed is an existing tower. Therefore the applicant knows of no reason that the granting of this application would be considered a major action. The only question requiring study is the potential for excessive RF radiation.

The following stations were taken into consideration when looking at the impact of RF radiation:

|         |          |                      |
|---------|----------|----------------------|
| WRXL    | 223m AGL | 20KW H and 20KW V    |
| WCDX    | 216m AGL | 4.5KW H and 4.5KW V  |
| WJMA-FM | 163m AGL | 7.3KW H and 7.3 KW V |

We used the V-Soft RFHaz software to determine the percentage each station contributes to the maximum allowed in control and uncontrolled areas.

| Station          | Controlled | Uncontrolled |
|------------------|------------|--------------|
| WRXL             | 2.69%      | 13.44%       |
| WCDX             | .64%       | 3.22%        |
| Proposed WJMA-FM | 1.84%      | 9.18%        |

The total for controlled areas is 5.17% and for uncontrolled areas is 25.84%.

According to this study the addition of WJMA-FM as proposed will not exceed the RF Radiation limits at the base of the tower.

WJMA-FM, in coordination with other users of the site, will reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency radiation in excess of FCC guidelines.