

Protection to WDEZ from Interference

The site for the proposed facility is located within the protected contour of third-adjacent channel station WDEZ, in Wausau, WI. We predict the WDEZ contour at the proposed site to be 102 dBu F[50,50]. According to established second-adjacent channel contour Undesired-to-Desired (U/D) protection ratios, the contour from the interfering station should be 40 dB higher than the protected contour. Therefore the respective interfering contour for this proposed amendment is 142 dBu F[50,10].

The predicted interfering contour at maximum radiation outward is 3.4 meters. The radiation center of the proposed antenna is 31.5 meters AGL.

All areas that can be occupied by the public are outside the interference area. Therefore, the interference area is limited to an area where there are no public places.

Request for Waiver

Since this proposal complies with 47CFR74.1204(d) based upon the fact that no actual interference will occur due to no population and no public locations within the areas of interference, we hereby request waiver of 47CFR74.1204(a)(3) for separation between this proposed facility and WDEZ.