

Engineering Discussion  
Kevin O’Kane  
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Kevin O’Kane is the licensee of W12BZ, Rome, NY. The station is located 136 km. from WNYT-DT, ch. 12, Albany, NY and is therefore within the 260 km. distance specified in Section 73.3572(a)(4)(iv)(A)(3) of the Commission’s rules for qualification for displacement. The licensed station receives interference from station WBNG, ch. 12, Binghamton, NY and this is exacerbated by the new additional interference from WNYT-DT. Therefore, the applicant requests a waiver of the freeze imposed by Public Notice DA 04-2446 released August 3, 2004. In the event that the Commission cannot grant the modification requested due to the freeze, the applicant requests that the processing of the application be held in abeyance until the freeze is lifted. The applicant also expects to file a request for Special Temporary Authorization to operate on the new channel.

Figure 1 depicts the proposed interfering FCC contours and fully protects Canadian station CJOH, ch. 6(-), Deseronto, ON. It is noted that the proposed 2 dBu (50,10) interfering contour does not touch the Canadian land-mass and therefore Canadian referral and concurrence should not be required. Figure 1 also shows protection to WMBO-LP, ch. 6(+), Syracuse, NY.

Figure 2 depicts the comparison of the licensed and proposed contours for W12BZ.

Longley-Rice studies for protection to WRGB, Schenectady, NY were performed utilizing Probe 3 from V-Soft Communications. The study shows that there would be 0.172% interference to WRGB as an analog station and 0.137% to WRGB’s construction permit for post-transition digital operation.

A Longley-Rice study for protection to WTVH, ch. 5, Syracuse, NY was also performed. The study shows there would be 0.164% interference to WTVH.

In summary, W12BZ is making this displacement request to avoid received interference and be able to provide a greater interference-free signal for its service area.