

Technical Statement
Application for Amendment of BPFT-20111110AKH
W202AR Facility ID 60893 Newburgh, NY
June, 2014

The purpose of this amendment application is to specify displacement and change to a different channel for this facility. The proposed site remains the same as the licensed site. Also, the facility becomes a fill-in translator for WLJP at Monroe, NY (Facility ID 60900)

The original purpose of the relocation of W202AR was to eliminate interference to a new full power station that came on the air on 88.1 at Montgomery, NY (WQCD, then WNYX Facility ID # 89510). Subsequently, once the CP was built out at the relocation site, interference was received by another station, WFSO at Olive Bridge, NY operating on channel 202. The licensee asked for dismissal of the license application at the CP site and restored operation at the originally licensed site.

WQCD is operating on channel 201 and is receiving interference from the presently licensed operation of W202AR. In reviewing the allocation utilizing a Longley Rice Study, there is clearly interference to WQCD as there are locations within the WQCD 60 dBu service contour where W202AR has greater than 60 dBu of signal. Further, there are locations within the W202AR 60 dBu service contour where WQCD has greater than 60 dBu signal, and as such receives interference in those locations as well.

Included at Exhibit 12 are two maps which contain a Longley Rice Study overlaid with the service contours of W202AR and WQCD. These maps demonstrate the signal level and 60 dBu service contours. There are 1,562 people covering 6.28 square kilometers within the WQCD service contour that receive interference from W202AR. There are 5,144 people covering 21.66 square kilometers within the W202AR service contour that receive interference to WQCD from W202AR.

An interference study was conducted on each valid channel plus or minus 3 and 53/54 above the presently licensed 202. In each case, contour overlap to existing facilities precluded operation on those frequencies. In the case of channel 201, WQCD precludes operation. For channels 203 and 204, WFNP Rosendale, NY / WRHV Poughkeepsie, NY precludes operation. For channel 205, WRPJ at Port Jervis, NY precludes operation. Preclusion on the IF channels (255 & 256) are caused by WGNV at Rosendale, NY, WEPN at New York, NY and WPLR at New Haven, CT. Further study determined that channel 210 was the clearest channel as demonstrated in the Interference Study at Exhibit 12.

The proposed facility is fully spaced to all other facilities with the exception of third adjacent WLJP. This facility will be a fill-in translator for WLJP and as such no further consideration or waiver requests are necessary. No interference to WLJP will be cause within its community of license.