

Tri-County Broadcasting, Inc.
Minor Modification of Existing Construction Permit
FCC Facility ID 200920, W263DD, Lynchburg, VA
Technical Narrative Exhibit

The applicant certifies that the instant application does not constitute a major environmental action.

The applicant acknowledges second or third adjacent channel overlap with WIQO, Forest, VA . The amount of signal from WIQO arriving at the applicant's proposed transmitter site is 63.4 dBu. Using the 40 dB Undesired-to-Desired ratio method for determining second or third adjacent channel interference, the pertinent interfering contour is 103.4 dBu. According to the FCC online computer program "FM and TV Propagation Curves Calculations", the interfering contour extends 150 meters from the antenna location proposed in the instant application. The applicant has attached an aerial photograph exhibit showing the interfering contour and showing that the entire area within the interfering contour is completely absent of population. Any structures in the vicinity of the proposed antenna site are unmanned equipment shelters related to the tower site use. Since the map shows that there is no population in the interfering contour, this application is compliant with 47 CFR Section 74.1204 with respect to second or third adjacent channel interference.

The applicant acknowledges second or third adjacent channel overlap with WVBE, Lynchburg, VA . The amount of signal from WVBE arriving at the applicant's proposed transmitter site is 71 dBu. Using the 40 dB Undesired-to-Desired ratio method for determining second or third adjacent channel interference, the pertinent interfering contour is 111 dBu. According to the FCC online computer program "FM and TV Propagation Curves Calculations", the interfering contour extends 63 meters from the antenna location proposed in the instant application. The applicant has attached an aerial photograph exhibit showing the interfering contour and showing that the entire area within a 150 meter radius is completely absent of population. Thus 63 meter radius, being less than 150 meters is also unpopulated. Any structures in the vicinity of the proposed antenna site are unmanned equipment shelters related to the tower site use. Since the map shows that there is no population in the interfering contour, this application is compliant with 47 CFR Section 74.1204 with respect to second or third adjacent channel interference.