

Clearance to WVSR-FM

This instant translator application clears all allocation constraints of Section 74.1204. On first glance, it appears that interference is created to WVSR-FM, Charleston, WV. However, Section 74.1204(d) instructs us:

“In addition, an application otherwise precluded by this section will be accepted if it can be demonstrated that no actual interference will occur due to intervening terrain, lack of population or such other factors as may be applicable.”

WVSR-FM places 107.4 dBu over the proposed translator site. Adding the 40 dBu U/D ratio to the 107.4 dBu signal produces an interfering contour of 147.4 dBu. This interfering contour extends a distance of 4 meters from the antenna which is located 75 meters AGL on the tower. Therefore, the interfering contour does not touch the ground and cannot be received by any listener.

In conclusion, based on the foregoing explanation showing that no persons will receive interference, it is thought this application is in compliance with Section 74.1204 using Section 74.1204(d).