

Clearance to WPEZ

This instant translator application clears all allocation constraints of Section 74.1204. On first glance, it appears that interference is created to third-adjacent WPEZ. 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.”

WPEZ places 91.6 dBu over the proposed translator site. Adding the 40 dBu U/D ratio to the 91.6 dBu signal produces an interfering contour of 131.6 dBu. This interfering contour extends a maximum distance of 29.2 meters from the antenna. Given that the antenna is to be mounted 51 meters in the air and given that the interfering contour extends only 29.2 meters from the antenna, the interference stays in the air never touching the ground.

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).

Bromo Communications, Inc.
