

## Clearance to WYOO (FM)

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

WYOO’s transmitter location is on the same tower as this proposed FM translator. WYOO places greater than 143.9 dBu over the proposed translator site. Adding the 40 dBu U/D ratio to the 143.9 dBu signal produces an interfering contour of 183.9 dBu. This interfering contour extends a distance less than 0.1 meters from the proposed antenna. Because it is proposed to mount the translator antenna 82 meters above ground level, the interference will never touch the ground and will never be heard by any radio listeners.

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

**Bromo Communications, Inc.**