



**EXHIBIT IN SUPPORT OF
THIRD-ADJACENT CHANNEL INTERFERENCE WAIVER**

**Proposed FM Translator on Ch. 227 (93.3 MHz)
In Rural Retreat, Virginia**

vs.

WMEV-FM, Ch. 230C, Marion, VA

and

W224AE, Ch. 224D, Wytheville, VA

As per §74.1204(a)(3) of the FCC rules, the pertinent protected contour for both existing FM stations listed above is the F(50,50) 60 dBu contour, and the appropriate interference contour of the proposed FM translator is at 100 dBu. The proposed FM translator site is well inside the predicted 60 dBu contour of both stations.

The proposed FM translator site is on a mountaintop, far removed from residential buildings. Attached is a Google Earth map showing the planned transmitter site and the predicted 100 dBu contour of the proposed translator. The radius of this contour is 0.61 kilometer. The actual predicted interference area, based on the 40 dB undesired-to-desired signal ratio, would be smaller than this, since the predicted F(50,50) signal level from both stations at this location would be higher than 60 dBu. Thus, this illustration represents very worst-case.

As indicated in the image shown in the attachment, there are no buildings within the proposed translator's 100 dBu contour, other than transmitter buildings on the mountaintop along the service road. Thus, there is no population within the translator's interference contour.

