



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

**Proposed FM Translator on Ch. 260 (99.9 MHz)
In Wytheville, Virginia**

vs.

WJLS-FM, Ch. 258B, Beckley, WV

As per §74.1204(a)(1) of the FCC rules, the pertinent protected contour for WJLS-FM is the F(50,50) 54 dBu contour, and the appropriate interference contour of the proposed FM translator is at 94 dBu. The proposed FM translator site is inside the predicted 54 dBu contour of WJLS-FM.

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 94 dBu contour of the proposed translator. The radius of this contour is 0.90 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 WJLS-FM at this location would be higher than 54 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 94 dBu contour, other than transmitter buildings on the mountaintop along the service road. Thus, there is no population within the translator's interference contour.

