

EXHIBIT E-2  
CHANNEL 6 STUDY  
MIDLAND, MD, CHANNEL 202A  
MUNCY HILLS BROADCASTING, INC.  
FCC FORM 340  
OCTOBER 2007

A study of potential interference to channel 6 television stations was conducted in regards to the proposed operation of this new station.

Five stations were found to be within the required spacing of 257 kilometers for this channel, a more detailed study was performed for these stations.

Figure 1 shows an interference study with WJAC-TV Johnstown, PA

Figure 2 shows an interference study with WDTV-TV Weston, WV.

Figure 3 shows an interference study with WDTV-TV Weston, WV (CP).

Figure 4 shows an interference study with WTVR-TV Richmond, VA.

The applicant proposes the use of a vertical only polarization antenna system. In turn, the ERP of the proposed station was divided by a factor of 40, or 0.00005 kilowatts.

The new proposed FM is located inside the 47 dB $\mu$  contour of WJAC-TV Johnstown. For stations located inside the 47 dB $\mu$ , the worse case interference contour allowed is calculated at 50.8 dB $\mu$ . Figure 5 shows a population map and the predicted 50.8 dB $\mu$  interference contour for the proposed FM. There is 1,983 persons within this contour, or less then the maximum 3,000 persons as defined is 73.525(c) of the commission's rules.

It was determined that this application will be in compliance with the channel six protection requirements of 73.525 of the commission's rules.