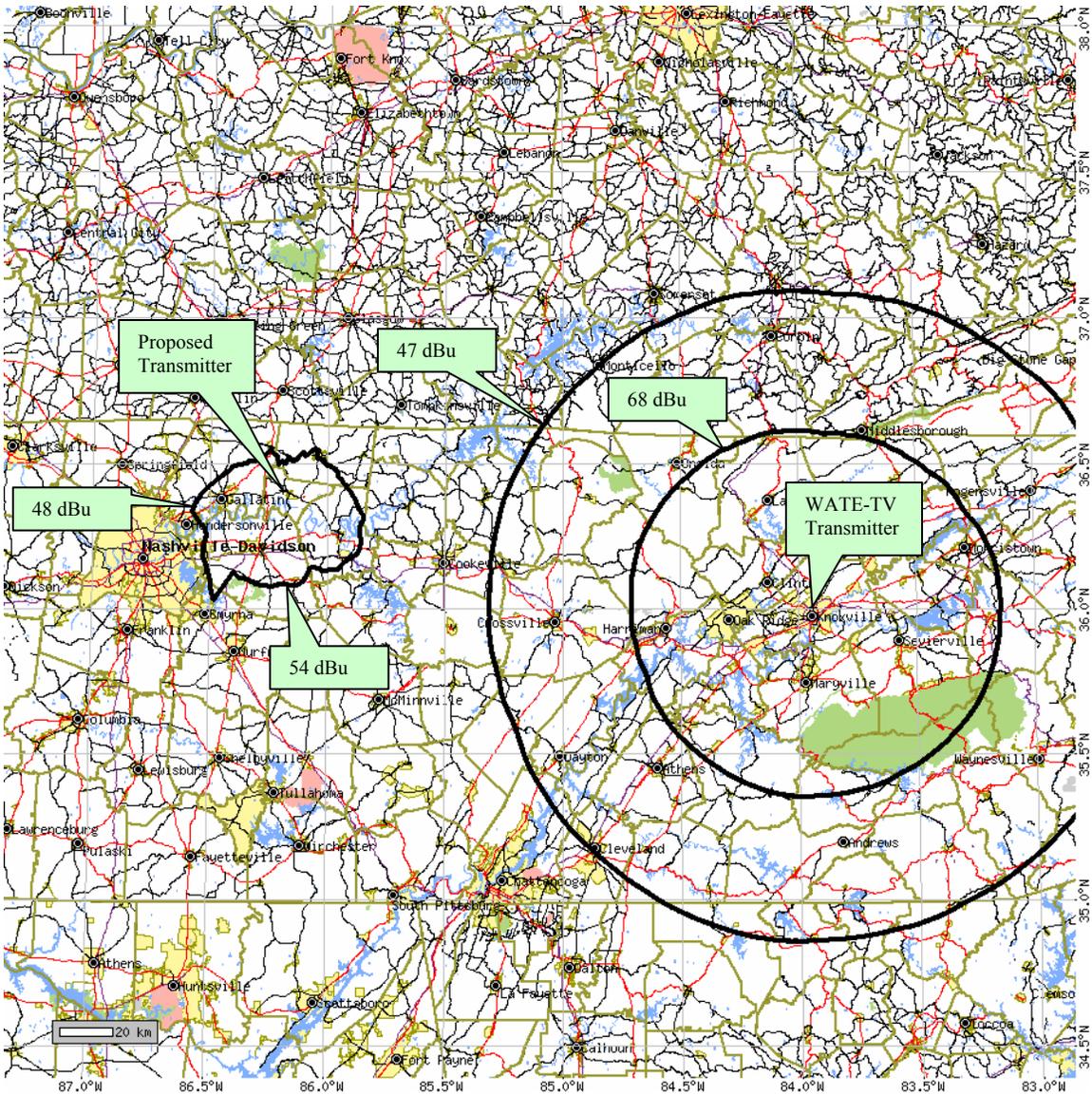


## **EXHIBIT 19B**

### **PROTECTION OF CHANNEL 6 TELEVISION STATION WATE-TV**

The proposed facilities are located 207 km from channel 6 television broadcast station WATE-TV, KNOXVILLE, TN. This distance is less than the 265 km specified in §73.525(a) for a non-commercial FM broadcast station on channel 201. The area of interference caused to WATE-TV by the proposed facilities was determined using the methods specified in §73.525(e).

As shown in the following figure, there is no overlap between the 47 dBu protected contour of WATE-TV and the corresponding interfering contour of the proposed facilities.



**Figure 1. WATE-TV protected contour and the corresponding interfering contour of the proposed facilities. No contour overlap is predicted.**

The following table details the protected field, protection ratio and resulting interfering fields used in generation of the contours. Interfering field values including a 6 dB adjustment are also given. The adjusted interfering field values are used along appropriate azimuths and within appropriate protected contours as specified in §73.525(e)(1)(iii) to account for television receiving antenna directivity.

**Table 1. Field values used in the television channel 6 interference analysis.**

<b>Protected F(50,50) Contour</b>	<b>Protection Ratio</b>	<b>Interfering F(50,10) Contour</b>	<b>Interfering F(50,10) Contour with 6 dB Adjustment</b>
47.0	1.0	48.0	54.0