

EXHIBIT 19

PROTECTION OF CHANNEL 6 TELEVISION STATION WPVI-TV

The proposed facilities are located 54 km from channel 6 television broadcast station WPVI-TV, PHILADELPHIA, PA. 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 WPVI-TV by the proposed facilities was determined using the methods specified in §73.525(e).

Mixed polarization is proposed with specified vertical and horizontal effective radiated powers of 1.05 kW and 0.047 kW respectively. Since there is no area of interference predicted over any portion of a city of 50,000 or more, the horizontally polarized-only power used in the interference analysis was computed as follows:

$$0.047 + 1.05 / 40 = 0.07325 \text{ kW}$$

As shown in the following figure, there is overlap of the WPVI-TV protected contours and the corresponding interfering contours of the proposed facilities.

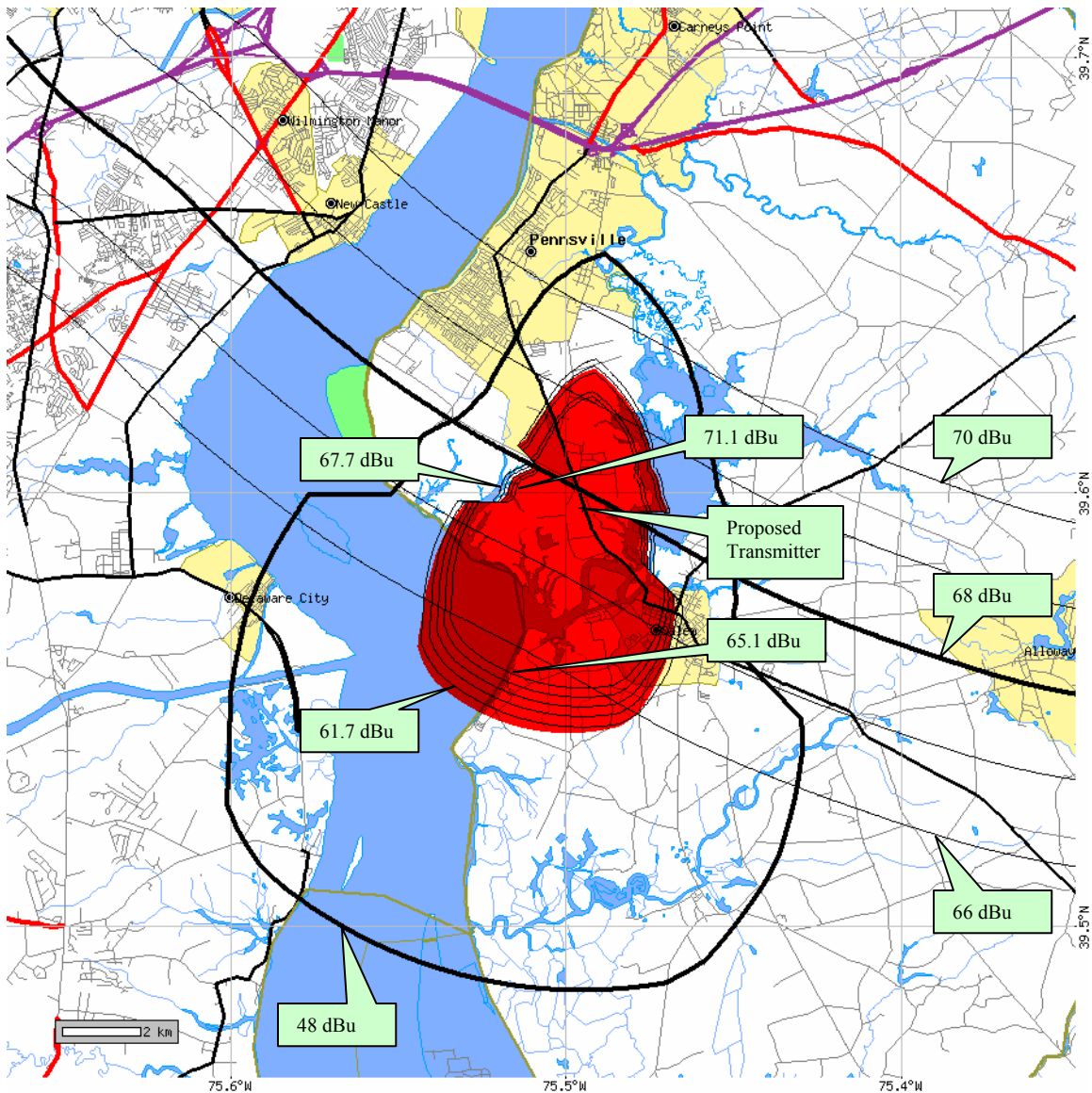


Figure 1. WPVI-TV protected contours and the corresponding interfering contours of the proposed facilities. The predicted region of interference is highlighted in red.

The following table details the protected fields, protection ratios 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.

Protected F(50,50) Contour	Protection Ratio	Interfering F(50,10) Contour	Interfering F(50,10) Contour with 6 dB Adjustment
47.0	1.0	48.0	54.0
66.0	-4.3	61.7	67.7
67.0	-4.4	62.6	68.6
68.0	-4.6	63.4	69.4
69.0	-4.8	64.2	70.2
70.0	-4.9	65.1	71.1

Consistent with §73.525(e)(2)(iv), block centroid data from the 2000 United States Census was used to determine the population within the area of interference. This population was found to be 2,978 which is within the 3,000 person limit specified in §73.525(c).