

## EXHIBIT 19.1

### STUDY CONCERNING POTENTIAL INTERFERENCE TO CHANNEL 6

The proposed NEW transmitter site for the use of Channel 202A is located within the 257 km affected radius of Channel 6 television station WPVI-TV, Philadelphia, PA. Therefore, in accordance with the provisions of §73.525 of the Rules, a study has been made for potential interference to the reception of that station. The installation of up to 538 filters will be required to bring the interference population within the 3,000 person limit.

This FM application proposes the use of a directional antenna. The FM interference contour overlap area does not reach a community of 50,000 persons or more, therefore the TV-6 study adjusted power level was determined using the formula of §73.525(e)(4)(ii).  $P = H + (V/A)$  Solving,  $0.001 + (0.67/40) = 0.018$  kW. Therefore,  $P = 0.018$  kW, the power used to calculate the distance to the FM interference contours.

The FM to TV U/D ratio has been determined by reference to 47 C.F.R. Section 73.599, Figure 1. The following chart details specific Channel 6 service contours along with the corresponding FM interference contours.

TV/FM D to U values																
47.0	50.8		55.0	55.8		63.0	61.3		71.0	67.7		79.0	74.8		87.0	82.2
48.0	51.4		56.0	56.4		64.0	62.0		72.0	68.5		80.0	75.8		88.0	83.1
49.0	52.0		57.0	57.1		65.0	62.7		73.0	69.4		81.0	76.7		89.0	84.0
50.0	52.6		58.0	57.8		66.0	63.5		74.0	70.3		82.0	77.6		90.0	84.9
51.0	53.2		59.0	58.5		67.0	64.3		75.0	71.2		83.0	78.5		91.0	84.9
52.0	53.8		60.0	59.2		68.0	65.1		76.0	72.1		84.0	79.4		92.0	84.9
53.0	54.5		61.0	59.9		69.0	66.0		77.0	73.0		85.0	80.4		93.0	84.9
54.0	55.1		62.0	60.6		70.0	66.8		78.0	73.9		86.0	81.3		94.0	84.9

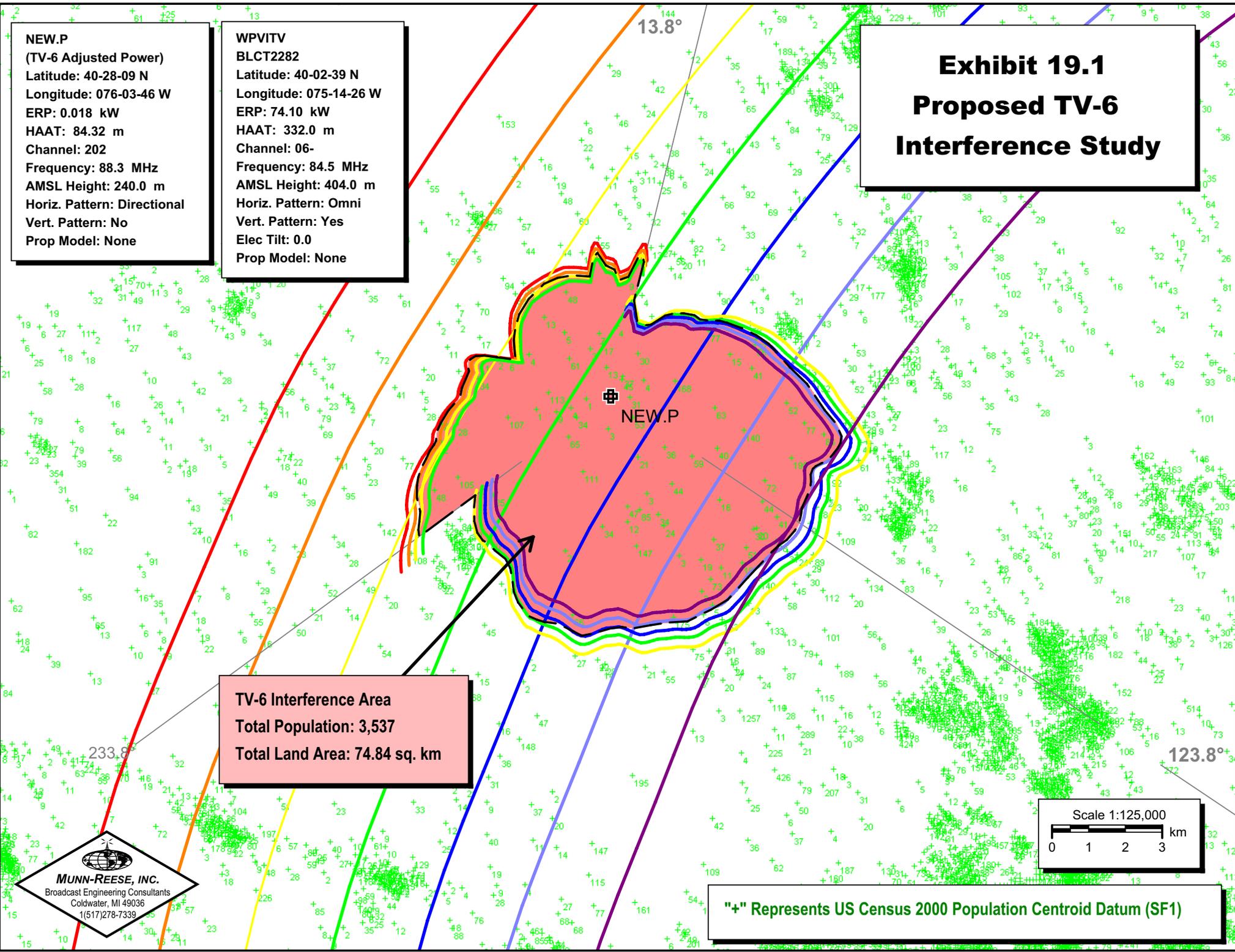
The provisions of §73.525(e)(1)(iii) for an adjustment of 6 dB may be made for television reception antenna directivity. This adjustment has been taken.

The resulting worst case interference contours result in a contour overlap to the TV-6 facility of 3,587 persons. Under the provisions of §73.525(c)(2), up to 1,000 persons may be subtracted from the population within the predicted interference area if, for each person subtracted, the applicant effectively installs one filter. Upon the installation of 538 filters, the resulting proposed interference area population is reduced to 2,999 persons towards WPVI-TV. As the proposed TV-6 interference population is below the 3,000 limit, full protection is afforded WPVI-TV.

**NEW.P**  
(TV-6 Adjusted Power)  
Latitude: 40-28-09 N  
Longitude: 076-03-46 W  
ERP: 0.018 kW  
HAAT: 84.32 m  
Channel: 202  
Frequency: 88.3 MHz  
AMSL Height: 240.0 m  
Horiz. Pattern: Directional  
Vert. Pattern: No  
Prop Model: None

**WPVTV**  
BLCT2282  
Latitude: 40-02-39 N  
Longitude: 075-14-26 W  
ERP: 74.10 kW  
HAAT: 332.0 m  
Channel: 06-  
Frequency: 84.5 MHz  
AMSL Height: 404.0 m  
Horiz. Pattern: Omni  
Vert. Pattern: Yes  
Elec Tilt: 0.0  
Prop Model: None

# Exhibit 19.1 Proposed TV-6 Interference Study



**MUNN-REESE, INC.**  
Broadcast Engineering Consultants  
Coldwater, MI 49036  
1(517)278-7339