

Exhibit 42 - Statement A  
**NATURE OF THE PROPOSAL**  
**ALLOCATION CONSIDERATIONS**

prepared for  
**Pittsburgh Television Station WPCW Inc.**  
WPCW-DT Jeannette, Pennsylvania  
Facility ID 69880  
Ch. 49 431 kW 303 m

*Pittsburgh Television Station WPCW Inc. (“Pittsburgh”)* is the licensee of WCPW(TV), Channel 19, Jeannette, Pennsylvania (file number BLCT-20030512ABA). The paired digital allotment for WPCW was recently changed from Channel 30 to Channel 49 as described in the Commission’s Report and Order (“R&O”) in Media Bureau Docket 05-52<sup>1</sup>. Pursuant to the R&O, *Pittsburgh* is proposing herein to construct the Channel 49 digital television facility.

The proposed WPCW-DT facility will operate using 431 kW effective radiated power (“ERP”), non-directional, with an antenna height above average terrain (“HAAT”) of 303 meters. An existing antenna structure will be employed, having FCC Antenna Structure Registration number 1056234. Station WPCB-TV (NTSC Ch. 40, DTV Ch. 50, Greensburg, PA) is licensed at this location. The proposed WPCW-DT antenna will be situated atop an existing “T” bar on the tower, resulting in a similar radiation center height as the analog WPCB-TV Channel 40 antenna that is located on the opposite end of the “T” bar. No change in overall structure height will result from the instant proposal.

The specified antenna system is a Dielectric model TFU-24GTH/VP-R 06. Electrical beam tilt of 0.8 degree will be employed. Elliptical polarization is proposed. The horizontally polarized ERP will be 431 kW, while 215.5 kW vertically polarized ERP is proposed (50 percent of the horizontally polarized ERP). The vertically polarized component will not exceed the horizontally polarized component at any azimuth.

A map is supplied as **Exhibit 42 - Figure 1**, which depicts the standard predicted coverage contours. This map includes the boundaries of Jeannette, WPCW-DT’s principal community. As

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<sup>1</sup> *Amendment of Section 73.622(b), Table of Allotments, Digital Television Broadcast Stations (Johnstown and Jeannette, Pennsylvania)*, MB Docket No. 05-52, RM 10300, DA 06-303, released February 15, 2006.

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demonstrated thereon, the proposed facility complies with §73.625(a)(1), as the entire principal community will be encompassed by the 48 dB $\mu$  contour.

**Allocation Matters**

Under the instant proposal, WPCW-DT will operate at the allotment reference location specified in the R&O proceeding. The proposal's ERP/HAAT combination (431 kW / 303 m) conforms to the Channel 49 allotment (437 kW / 301 m) pursuant to §73.622(f)(3)(i). Therefore, a detailed interference study per OET Bulletin 69 is not required. Further, as a "checklist" facility, no consideration of Class A television stations is required. Additionally, since the allotted parameters are not exceeded, the proposal complies with the Commission's August 3, 2004 "freeze" concerning expansion in service area.<sup>2</sup>

The nearest FCC monitoring station is 287.9 km distant at Laurel, MD. This exceeds by a great margin the threshold minimum distance specified in §73.1030(c)(3) that would suggest consideration of the monitoring station. No AM broadcast stations are located within 3.2 km (2 miles) of the proposed site, according to information extracted from the Commission's engineering database.

The site is located 223.1 km from the U.S. – Canadian border and is within the zone requiring international coordination. The R&O states that Canadian concurrence has been obtained for the WPCW-DT operation on Channel 49. Since the proposal conforms to the Channel 49 allotment, no further coordination with Canada is necessary.

Thus, this proposal is believed to be in compliance with the current Commission Rules and policy with respect to allocation matters.

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<sup>2</sup>Public Notice "*Freeze on the Filing of Certain TV and DTV Requests for Allotment or Service Area Changes*," DA 04-2446, released August 3, 2004.

# EXHIBIT 42 - FIGURE 1 PROPOSED COVERAGE CONTOURS

prepared May 2006 for  
**Pittsburgh Television Station WPCW Inc.**  
 WPCW-DT Jeannette, Pennsylvania  
 Facility ID 69880  
 Ch. 49 431 kW 303 m  
 Cavell, Mertz & Davis, Inc.  
 Manassas, Virginia

