

ENGINEERING STATEMENT

The engineering data contained herein have been prepared on behalf of WCWB LICENSEE, LLC, licensee of full-power digital television station WPNT-DT, Channel 21 in Pittsburgh, Pennsylvania, in support of its Application for Modification of License to operate the station with the ATSC 3.0 transmission standard. It is proposed that during the time that the facility will be transmitting in ATSC 3.0, the primary ATSC 1.0 programming of WPNT-DT will be transmitted by station WPGH-DT, Channel 20 in Pittsburgh.

Exhibit B is a map upon which the WPNT-DT and WPGH-DT noise-limited service contours are plotted. As shown, the majority of the WPNT-DT service contour overlaps that of WPGH-DT. Indeed, the “loss area” population that will be created as a result of the transfer of WPNT-DT’s primary ATSC 1.0 programming to WPGH-DT is only 2.4% of the total service population of WPNT-DT. Conversely, the additional area served by WPGH-DT that is presently not served by WPNT-DT contains 143,952 people, according to the 2018 U.S. Census Estimate data. Therefore, this proposal meets Section 73.3801(f)(6)(ii) of the FCC Rules which requires that the new ATSC 1.0 host station cover at least 95% of the service population of the station that elects to operate under the new ATSC 3.0 format. As a result, expedited processing of this proposal is respectfully requested and believed to be justified.

It is also important to note that WPGH-DT places a city-grade service contour over the entirety of the WPNT-DT city of license, Pittsburgh, Pennsylvania, as shown in Exhibit C. This is not unexpected, since WPGH-DT is also licensed to Pittsburgh, Pennsylvania. Thus, the instant application meets the requirements of Section 73.3801(c) of the Commission’s Rules.

EXHIBIT A

I declare under penalty of perjury that the foregoing statements and the attached exhibits, which were prepared by me or under my immediate supervision, are true and correct to the best of my knowledge and belief.

A handwritten signature in blue ink, appearing to read "K. T. Fisher". The signature is written in a cursive style with a horizontal line at the end.

KEVIN T. FISHER

April 16, 2020

CONTOUR POPULATION : 2018 U.S. CENSUS ESTIMATE
WPNT-DT : 3,085,714 (1,494,799 HH)
WPGH-DT (Host) : 3,156,818 (1,531,961 HH)
Common Area Population : 3,012,866 (1,462,170 HH)
WPNT-DT Programming Loss Area Population: 72,848 (2.4%)
WPNT-DT Programming Gain Area Population: 143,952 (4.7%)

Smith and Fisher, LLC

**WPGH-DT CH. 20
N/L FCC CONTOUR**

**WPNT-DT CH. 21
N/L FCC CONTOUR**

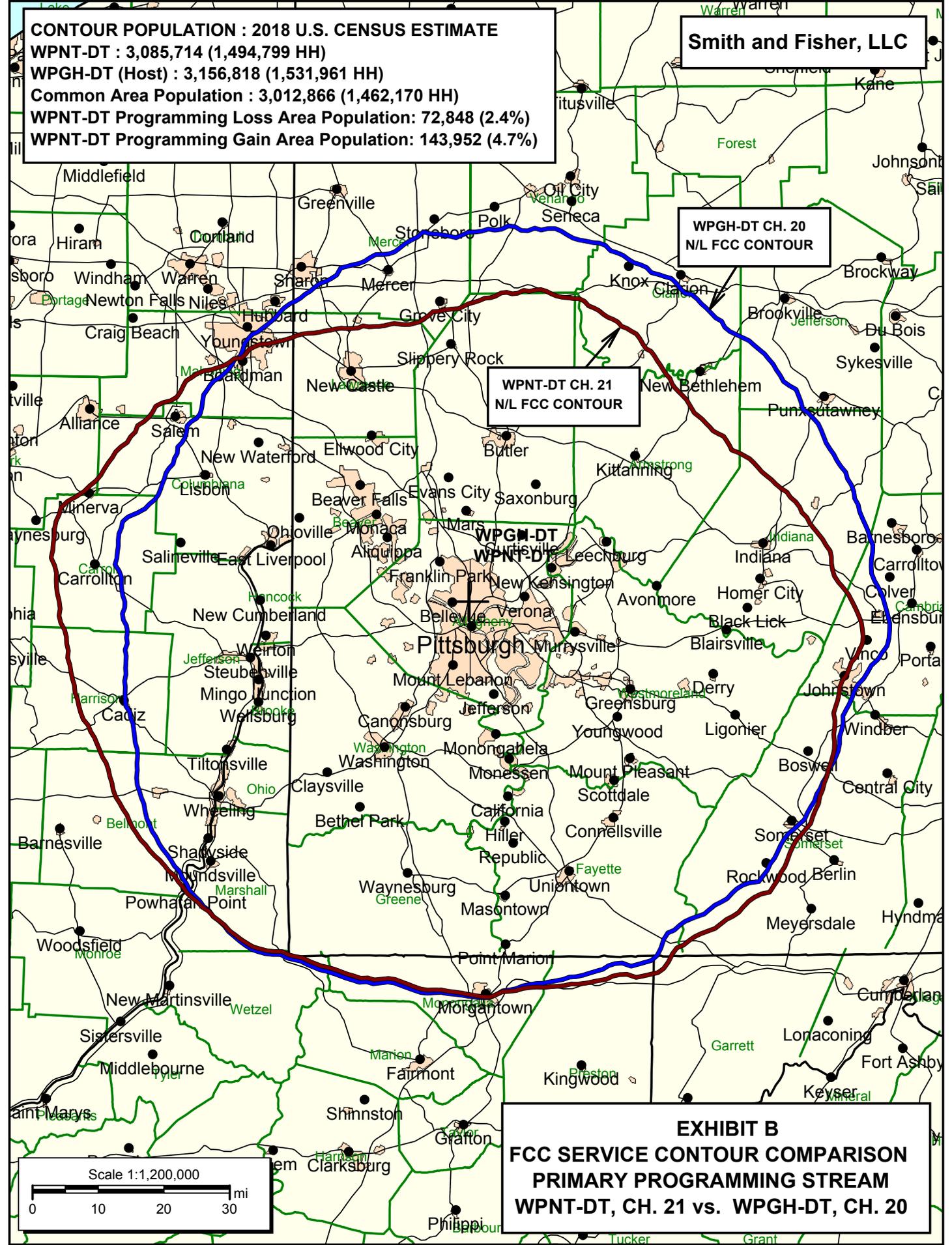


EXHIBIT B
FCC SERVICE CONTOUR COMPARISON
PRIMARY PROGRAMMING STREAM
WPNT-DT, CH. 21 vs. WPGH-DT, CH. 20

