

EXHIBIT A

ENGINEERING STATEMENT

The engineering data contained herein have been prepared on behalf of BALTIMORE (WNUV-TV) LICENSEE, INC., licensee of full-power digital television station WNUV(TV), Channel 25 in Baltimore, Maryland, 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 WNUV(TV) will be transmitted by stations WMPT(TV), Channel 21 in Annapolis, Maryland, and WMPB(TV), Channel 22 in Baltimore.

Exhibit B is a map upon which the WNUV(TV) and WMPT(TV) noise-limited service contours are plotted. As shown, the majority (over 90%) of the WNUV(TV) service contour overlaps that of WMPT(TV). Indeed, the “loss area” population that will be created as a result of the transfer of WNUV(TV)’s primary ATSC 1.0 programming to WMPT(TV) is only 9.7% of the total service population of WNUV(TV), according to the 2018 U.S. Census Estimate data. In addition, a significant amount of gain area (comprising 565,531 people) will be created by the move of the WNUV(TV) ATSC 1.0 primary stream to WMPT(TV).

A somewhat similar situation is depicted with respect to WMPB(TV). In Exhibit C, we have plotted the noise-limited service contours of WMPB(TV) and WNUV(TV). As with the WMPT(TV) proposal, the majority (over 80%) of the WNUV(TV) service contour overlaps that of WMPT(TV). The “loss area” population that will be created represents only 19.7% of the total service population of WNUV(TV), according to the 2018 U.S. Census Estimate data. And, a

EXHIBIT A

small amount of gain area (comprising 6,172 people) will be created by the move of the WNUV(TV) ATSC 1.0 primary stream to WMPB(TV).

In combination, WMPT(TV) and WMPB(TV) provide service to 97.7% of the WNUV(TV) service population, as depicted in Exhibit D. As a result, expedited processing of this proposal is respectfully requested and believed to be justified.

It is also important to note that both WMPT(TV) and WMPB(TV) place city-grade service contours over the entirety of the WNUV(TV) city of license, Baltimore, Maryland, as shown in Exhibit E. Thus, the instant application meets the requirements of Section 73.3801(c) of the Commission's Rules.

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', is centered on the page.

KEVIN T. FISHER

February 3, 2021

**CONTOUR POPULATION : 2018 U.S. CENSUS ESTIMATE**

**WNUV(TV) : 9,710,663 (3,834,915 HH)**

**WMPT(TV) (Host) : 9,330,726 (3,674,867 HH)**

**Common Area Population : 8,765,195 (90.3% of WNUV(TV) Contour Population)**

**WNUV(TV) Programming Loss Area Population: 945,468 (9.7%)**

**WNUV(TV) Programming Gain Area Population: 565,531 (5.8%)**

**Smith and Fisher, LLC**

**WNUV(TV) CH. 25  
N/L FCC CONTOUR**

**WMPT(TV) CH. 21  
N/L FCC CONTOUR**

**EXHIBIT B  
FCC SERVICE CONTOUR COMPARISON  
PRIMARY PROGRAMMING STREAM  
WNUV(TV), CH. 25 ON WMPT(TV), CH. 21  
BALTIMORE, MARYLAND**

Scale 1:1,300,000

0 10 20 30 mi

**CONTOUR POPULATION : 2018 U.S. CENSUS ESTIMATE**

**WNUV(TV) : 9,710,663 (3,834,915 HH)**

**WMPB(TV) (Host) : 7,807,226 (3,157,944 HH)**

**Common Area Population : 7,801,054 (80.3% of WNUV(TV) Contour Population)**

**WNUV(TV) Programming Loss Area Population: 1,909,609 (19.7%)**

**WNUV(TV) Programming Gain Area Population: 6,172 (0.1%)**

**Smith and Fisher, LLC**

**WNUV(TV) CH. 25  
N/L FCC CONTOUR**

**WMPB(TV) CH. 22  
N/L FCC CONTOUR**

**WMPB(TV)**

**WNUV(TV)**

**Baltimore**

**Severna Park(TV)**

**Annapolis**

**Washington**

**Alexandria**

**Manassas**

**Prince William**

**Stafford**

**Fredericksburg**

**Colonial Beach**

**Golden Beach**

**Prince Frederick**

**La Plata**

**Waldorf**

**Dumfries**

**Chesapeake Beach**

**Shady Side**

**Deale**

**Severna Park**

**Annapolis**

**Washington**

**Alexandria**

**Manassas**

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**Prince William**

**Stafford**

**Fredericksburg**

**Colonial Beach**

**Golden Beach**



**CONTOUR POPULATION : 2018 U.S. CENSUS ESTIMATE**

**WNUV(TV) : 9,710,663 (3,834,915 HH)**

**WMPT(TV)/WMPB(TV) (Combined Host) : 10,062,220 (3,969,779 HH)**

**Common Area Population : 9,490,517 (97.7% of WNUV(TV) Contour Population)**

**WNUV(TV) Programming Loss Area Population: 220,146 (2.3%)**

**WNUV(TV) Programming Gain Area Population: 571,703 (5.9%)**

**Smith and Fisher, LLC**

**WMPB(TV) CH. 22  
N/L FCC CONTOUR**

**WNUV(TV) CH. 25  
N/L FCC CONTOUR**

**WMPT(TV) CH. 21  
N/L FCC CONTOUR**

**WMPB(TV)**

**WNUV(TV)**

**Baltimore**

**WMPB(TV)**

**WNUV(TV)**

**Baltimore**

**WMPB(TV)**

**WNUV(TV)**

**Baltimore**

**WMPB(TV)**

**WNUV(TV)**

**Baltimore**

**WMPB(TV)**

**WNUV(TV)**

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**WMPB(TV)**

**WNUV(TV)**

**Baltimore**

**WMPB(TV)**

**WNUV(TV)**

**Baltimore**

**WMPB(TV)**

**WNUV(TV)**

**Baltimore**

**WMPB(TV)**

**WNUV(TV)**

**Baltimore**

**EXHIBIT D  
FCC SERVICE CONTOUR COMPARISON  
WNUV(TV) PRIMARY PROGRAMMING STREAM  
ON WMPT(TV), CH. 21 & WMPB(TV), CH. 22  
BALTIMORE, MARLAND**

Scale 1:1,300,000

0 10 20 30 mi

