

ENGINEERING STATEMENT

The engineering data contained herein have been prepared on behalf of NASHVILLE LICENSE HOLDINGS, L.L.C., licensee of full-power digital television station WNAB(DT), Channel 30 in Nashville, Tennessee, in support of its request for Special Temporary Authority to operate the station with the ATSC 3.0 transmission standard and transfer its secondary ATSC 1.0 programming streams to station WTVF(DT), Channel 36 in Nashville. It is important to note that the primary programming stream of WNAB(DT) will be transmitted by WKRN-TV, Channel 27 in Nashville, and the engineering support for that proposal is contained in the WNAB(DT) Application for Modification of License.

Exhibit B is a map upon which the WNAB(DT) and WTVF(DT) noise-limited service contours are plotted. As shown, the entirety of the WNAB(DT) service contour lies within that of WTVF(DT). As a result, no “loss area” population will be created as a result of the transfer of WNAB(DT)’s secondary ATSC 1.0 programming to WTVF(DT). Conversely, the additional area served by WTVF(DT) that is presently not served by WNAB(DT) contains 218,497 people, according to the 2018 U.S. Census Estimate data.

It is also important to note that WTVF(DT) places a city-grade service contour over the entirety of the WNAB(DT) city of license, Nashville, Tennessee, as shown in Exhibit C. This is not unexpected, since WTVF(DT) is also licensed to Nashville. Thus, the instant application meets the city-grade coverage 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 stylized with a large "K", a small "T", and a long horizontal line for the "F".

KEVIN T. FISHER

May 27, 2020

CONTOUR POPULATION : 2018 U.S. CENSUS ESTIMATE

WNAB(TV) : 2,500,635 (1,032,881 HH)

WTVF(TV) (Host) : 2,719,132 (1,133,877 HH)

Common Area Population : 2,500,635 (1,032,881 HH)

WNAB(TV) Programming Loss Area Population: 0

WNAB(TV) Programming Gain Area Population: 218,497 (8.7%)

Smith and Fisher, LLC

**WTVF(TV) CH. 36
N/L FCC CONTOUR**

**WNAB(TV) CH. 30
N/L FCC CONTOUR**

**WTVF
WNAB**

EXHIBIT B

**FCC SERVICE CONTOUR COMPARISON
WNAB(TV), CH. 30 vs. WTVF(TV), CH. 36
NASHVILLE, TENNESSEE**

Scale 1:1,200,000

0 10 20 30 mi

