

EXHIBIT A

ENGINEERING STATEMENT

The engineering data contained herein have been prepared on behalf of MANHAN MEDIA, INC., licensee of full-power digital television station WWHO(TV), Channel 23 in Columbus, Ohio, 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 WWHO(TV), as well as one of its secondary program channels, will be transmitted by station WTTE(TV), Channel 27 in Columbus.

Exhibit B is a map upon which the WWHO(TV) and WTTE(TV) noise-limited service contours are plotted. As shown, the majority of the WWHO(TV) service contour overlaps that of WTTE(TV). The “loss area” population that will be created as a result of the transfer of WWHO(TV)’s primary ATSC 1.0 programming to WTTE(TV) is small, only 1.8% of the total service population of WWHO(TV). 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.

WTTE(TV) also places a city-grade service contour over the entirety of the WWHO(TV) city of license, Columbus, Ohio, as shown in Exhibit E. WTTE(TV) operates from the same site as WWHO(TV) and is licensed to Columbus, just like WWHO(TV). 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', with a stylized, elongated final letter.

KEVIN T. FISHER

December 4, 2020

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

**WWHO(TV) : 2,941,363 (1,236,201 HH)**

**WTTE(TV) (Host) : 2,887,625 (1,211,219 HH)**

**Common Area Population : 2,887,620 (98.2% of WWHO Contour Population)**

**WWHO(TV) Programming Loss Area Population: 53,743 (1.8%)**

**WWHO(TV) Programming Gain Area Population: 0**

**Smith and Fisher, LLC**

**WWHO(TV) CH. 23  
N/L FCC CONTOUR**

**WTTE(TV) CH. 27  
N/L FCC CONTOUR**

**EXHIBIT B  
FCC SERVICE CONTOUR COMPARISON  
PRIMARY PROGRAMMING STREAM  
WWHO(TV), CH. 23 ON WTTE(TV), CH. 27  
COLUMBUS, OHIO**

Scale 1:1,150,000



