

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 request for Special Temporary Authority to operate the station with the ATSC 3.0 transmission standard and transfer one of its secondary ATSC 1.0 programming streams to station WCMH-TV, Channel 14 in Columbus. It is important to note that the primary programming stream of WWHO(TV) will be transmitted by WTTE(TV), Channel 27 in Columbus, Ohio, and the engineering support for that proposal is contained in the WWHO(TV) Application for Modification of License to convert to ATSC 3.0 operation.

Exhibit B is a map upon which the WWHO(TV) and WCMH-TV noise-limited service contours are plotted. As shown, the majority of the WWHO(TV) service contour overlaps that of WCMH-TV. Indeed, the "loss area" population that will be created as a result of the transfer of WWHO(TV)'s secondary ATSC 1.0 programming to WCMH-TV is only 1.2% of the total service population of WWHO(TV), according to the 2018 U.S. Census Estimate database. And, a small amount of gain area (comprising 22,104 people) will be created by the move of the WWHO(TV) ATSC 1.0 secondary streams to WCMH-TV.

It is also important to note that WCMH-TV places a city-grade service contour over the entirety of the WWHO(TV) city of license, Columbus, Ohio, as shown in Exhibit C. This is not unexpected, since WCMH-TV is also licensed to Columbus and operates from a transmitter site located near that of 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". The signature is written in a cursive style with a large initial "K" and a distinct "F" at the end.

KEVIN T. FISHER

December 4, 2020

CONTOUR POPULATION : 2018 U.S. CENSUS ESTIMATE

WWHO(TV) : 2,941,363 (1,236,201 HH)
WCMH-TV (Host) : 2,929,254 (1,232,873 HH)
Common Area Population : 2,907,150 (98.8% of WWHO Contour Population)
WWHO(TV) Programming Loss Area Population: 34,213 (1.2%)
WWHO(TV) Programming Gain Area Population: 22,104 (0.8%)

Smith and Fisher, LLC

**WCMH-TV CH. 14
N/L FCC CONTOUR**

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

**EXHIBIT B
FCC SERVICE CONTOUR COMPARISON
SECONDARY PROGRAMMING STREAM
WWHO(TV), CH. 23 ON WCMH-TV, CH. 14
COLUMBUS, OHIO**

Scale 1:1,150,000



