

TECHNICAL SUMMARY
APPLICATION FOR MODIFICATION OF CONSTRUCTION PERMIT
CLASS A TELEVISION STATION WBME-CD
MILWAUKEE, WISCONSIN
CHANNEL 17 15 KW (H & V) 519.9 M AMSL

1. The instant application is an application to modify the WBME-CD, Milwaukee, Wisconsin, construction permit for its repack operation on Channel 17.* WBME-CD is authorized for operation with a non-directional effective radiated power of 15 kW with an antenna height of 321 m AGL / 510.9 m AMSL.†

2. The instant application is to make a small adjustment in the height of the transmitting antenna. Due to the reconfiguration of the tower supporting structure (ASRN 1047092), the WBME-CD antenna must be located at a height of 330 m AGL instead of 321 m AGL. It is noted that there are three stations located on the tower that are being re-packed as a result of the Incentive Auction process. Including WBME-CD, these are WYTU-LD (17 → 16) and WDJT-TV (46 → 29).

3. The change in antenna height will result in a small extension of the WBME-CD predicted 49.0 dBu service contour. However, the extension of contour is less than one kilometer in all directions and it is believed to be a *de minimis* extension. A tabulation of the distances to the predicted 49.0 dBu service contour for the WBME-CD construction permit facility are shown in an attachment for comparison with the *TVStudy* analysis for the instant proposal. If necessary, a waiver of the FCC's 'freeze' on the filing of applications for Class A and full-service television stations is hereby requested.

4. The attached *TVStudy* analysis demonstrates that the proposal is fully compliant with the FCC's *de minimis* interference protection limits. It is noted that the proposed emission mask was changed to 'full service' to avoid any additional predicted interference with respect to the WYTU-LD authorized facility on Channel 16.

* See FCC File No. 0000034630.

† WBME-CD is in repack Phase 6, which starts on September 7, 2019.