

WNHO-LD ENGINEERING STATEMENT

Metro Video Productions, Inc.
Fort Wayne, IN

The attached application is prepared on behalf of Metro Video Productions, Inc, assignee of Digital Low Power TV Station WNHO-LD - Defiance, Ohio. WNHO-LD is presently licensed to operate on Channel 35 with a nondirectional effective radiated power of 15.0 kilowatts to serve Defiance, Ohio. WLMB(TV) - Toledo, Ohio was recently granted a construction permit to move from Channel 5 to Channel 35, which will result in the presently licensed WNHO-LD facilities being predicted to cause interference to the WLMB construction permit facilities for 76,691 people (5.06%).¹

This application proposes to relocate the WNHO-LD transmitter site 47.8 kilometers (29.7 miles) to the southwest and reduce the nondirectional effective radiated power to 3.4 kilowatts to eliminate this excessive interference.² As shown in the attached exhibit, these proposed modified facilities will reduce the predicted interference to the WLMB construction permit facilities to 7512 people (0.50%), while also providing the required protection to all other stations requiring protection.³ A separate exhibit attached to this application documents that the proposed modified WNHO-LD facilities will comply with the FCC's requirements regarding human exposure to nonionizing radiation.

¹The WLMB construction permit facilities will also be predicted to cause new interference to the licensed WNHO-LD facilities for 71,132 people (46.31%).

²It will also change WNHO-LD's principal community to be served to Fort Wayne, Indiana.

³It will also reduce the interference received by WNHO-LD from the WLMB construction permit facilities to 1192 people (0.28%).