

APPENDIX TO ENGINEERING REPORT COVERING
REQUEST FOR CONSTRUCTION PERMIT
TECHNICAL NARRATIVE IN SUPPORT OF INTERFERENCE REDUCTION AGREEMENT
ON BEHALF OF KOVAS COMMUNICATIONS, INC.
FOR WONX(AM) 1590 KILOHERTZ
EVANSTON, ILLINOIS

FEBRUARY 2007

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STATEMENT

This technical narrative and accompanying engineering exhibits have been prepared on behalf of station WONX(AM), Evanston, Illinois (“WONX” or the “Station”), in support of an application for a construction permit for the minor modification of the Station. The application is part of an interference agreement with commonly owned stations WMCW, WKKD and WCGO. This appendix will provide area and population data in support of the interference agreement.

SUMMARY OF PROPOSAL MERITS

- The 0.5 mV/m daytime contour gain area associated with this proposal will encompass 1,590,782 persons within 5,545 square kilometers, while the 0.5 mV/m daytime contour loss area will encompass 7,445 persons within 113 square kilometers, for a net gain of 1,583,337 additional persons and 5,432 square kilometers served within the WONX 0.5 mV/m daytime contour.¹
- The 2 mV/m daytime contour gain area associated with this proposal will encompass 2,002,344 persons within 1680 square kilometers, while the 2 mV/m daytime contour loss area will encompass 15,700 persons within 31 square kilometers, for a net gain of 1,986,644 additional persons and 1649 square kilometers served within the WONX 2 mV/m daytime contour.²
- As the 2 mV/m daytime and 0.5 mV/m daytime contour loss areas are located in Lake County near the heart of the Chicago metropolitan area, they continue to be well served by other aural services. No white or grey areas will be created by this proposal.

¹ See Figure 1A.

² See Figure 2A.

PROPOSED AREA AND POULATION DATA

There would be 5,797,183 persons residing within the proposed 2 mV/m daytime contour as calculated from the proposed transmitter site and based on the proposed facilities; the area within the proposed 2 mV/m daytime contour would be 5,116 square kilometers. There would be 8,731,515 persons residing within the proposed 0.5 mV/m daytime contour as calculated from the proposed transmitter site and based on the proposed facilities; the area within the proposed 0.5 mV/m daytime contour would be 17,162 square kilometers.

METHODOLOGY

The predicted coverage contours were calculated in accordance with the provisions of 47 C.F.R. Section 73.182. The population within the service contours was calculated using a computer program that utilizes the 2000 U.S. Census database of “population centroids.” The program adds the populations of those U.S. Census designated areas whose centroid lies within each service area.

CONCLUSION

Grant of the WONX proposal in conjunction with the pending applications of the other co-owned Kovas stations, WMCW, WKKD and WCGO, will result in a very substantial gain in area covered and population served, while totally eliminating interference with WMCW, WKKD and WCGO.