

ENGINEERING REPORT COVERING  
AMENDMENT TO REQUEST FOR CONSTRUCTION PERMIT  
ON BEHALF OF KOVAS COMMUNICATIONS, INC.  
FOR WONX(AM) 1590 KILOHERTZ  
EVANSTON, ILLINOIS

MAY 2008

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SUMMARY

The engineering report of which this statement is part was prepared on behalf of Kovas Communications, Inc., hereinafter referred to as "Kovas", in support of an amendment to application BP-20070404ABB for construction permit for station WONX(AM) Evanston, Illinois. Kovas is the licensee of WONX. The sole purpose of this amendment is to comply with a request from the Commission to provide new field strength measurement data for the WONX 190 and 290 degree True radials. Complete technical details for the measurement data are provided in this report.

## FIELD STRENGTH MEASUREMENTS

Since some of the measurements for the WONX 190 and 290 degree True radials supplied in the underlying construction permit application were taken during the critical hours time period, the radials were remeasured during the daytime hours time period to eliminate any possible contribution from skywave propagation. The measurements were conducted in an essentially identical manner to the original set, except the new measurements were run employing the WONX licensed 3.5 kilowatt daytime antenna system, instead of the 1 kilowatt non-directional operation used for the original measurement set. (Non-directional operation was used for the original set as this was the licensed daytime mode for WONX at the time the measurements were conducted in June 2006. WONX was operating under program test authority for the 3.5 kilowatt directional antenna, but the license was not granted until October of 2006.) Prior to the commencement of the measurements, the operation of the WONX daytime directional antenna system was carefully checked to ensure compliance with FCC operating specifications. The antenna monitor phases and amplitudes, common point impedance, common point current and transmitter operating power were all found to be within FCC specifications. The measurements and related field work were conducted by William L. Smith, senior field engineer for this firm, under the direction of the undersigned. The meter used for the measurements was a Potomac Instruments FIM-41, serial number 1051, last calibrated January 9, 2007. Mr. Smith also conducted the original set of measurements.

### ENGINEERING EXHIBITS

Figures 8 and 10, which provide a graphical analysis of the measurement data, have been revised and are attached with this amendment. Tables 3 and 5, which are tabulations of the measurement data, have also been revised and are attached as well. Figures 1 and 3, which are allocation mappings, have been revised since co-channel station WPVL and second adjacent channel station WBGX are allocation considerations due to their locations on or near the path of the remeasured radial bearings. Since the measured soil conductivities for the new measurement data were determined to be less than the measured soil conductivities of the original measurement data, the interference protection between WONX to WPVL and WBGX is increased with the application of the new measurement data.

DECLARATION

The foregoing was prepared by or under the immediate supervision of Charles A. Hecht of Charles A. Hecht & Associates, Inc., Pittstown, New Jersey, whose qualifications are a matter of record with the Federal Communications Commission. All statements herein are true and correct of his knowledge except such statements made on information and belief, and as to those statements, he believes them to be true and correct under the penalty of perjury.

Respectfully submitted,

Charles A. Hecht  
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May 29, 2008