



## **ENGINEERING STATEMENT**

Concerning the Flash-cut Application of  
K20IJ, Wauneta, Nebraska  
BLTT20060809AGT

This engineering statement supports the application filed by Nebraska Educational Telecommunications Commission to flash-cut the above referenced station to digital. The OET #69 interference analysis, attached, was run using the new digital LPTV FCC program written by William Meintell. The program was implemented on a Sun workstation having the same processor as that used by the FCC for its own analysis. The block size used was 2 km square and the Longley-Rice distance increment was set at 1 km. The population database used was from the 2000 U.S. Census. The results of this program should be identical to those received by the Commission on its own computers.

Attached to this page is a statement of my qualifications

Doug Vernier

January 9, 2007

**Declaration:**

I, Douglas L. Vernier, declare that I have received training as an engineer from the University of Michigan School of Engineering. That, I have received degrees from the University in the field of Broadcast Telecommunications. That, I have been active in broadcast consulting for over 30 years;

That, I have held a Federal Communications Commission First Class Radiotelephone License continually since 1964. In 1985, this license was reissued by the Commission as a lifetime General Radiotelephone license no. PG-16-16464;

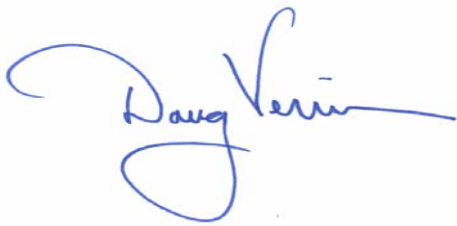
That, I am certified as a Professional Broadcast Engineer (#50258) by the Society of Broadcast Engineers, Indianapolis, Indiana. (Re-certified 1/2006.)

That, my qualifications are a matter of record with the Federal Communications Commission;

That, I have been retained by the Nebraska Educational Telecommunications to prepare the engineering showings appended hereto:

That, I have prepared these broadcast engineering showings, the technical information contained in same and the facts stated within are true of my knowledge;

That, under penalty of perjury, I declare that the foregoing is correct.

A handwritten signature in blue ink, reading "Doug Vernier". The signature is stylized with a large, looping initial "D" and a long, horizontal stroke extending to the right.

Douglas L. Vernier, Executed on January 9, 2006