

ENGINEERING STATEMENT  
IN SUPPORT OF A  
SPECIAL TEMPORARY AUTHORIZATION  
FOR THE DIGITAL TV OPERATION OF  
KFXL-TV, LINCOLN, NEBRASKA  
JUNE 2009

This engineering statement has been prepared on behalf of Lincoln Broadcasting, LLC, licensee of TV station KFXL-TV, Lincoln, Nebraska, in support of a request for Special Temporary Authorization (STA) to operate the digital facilities of station KFXL-TV with lower power than authorized in its construction permit (BPCDT-20080317AHY).

At present KFXL-TV, Facility ID Number 84453, operates its analog TV facilities on Channel 51 (692-698 MHz) with 51.4 kW effective radiated power (ERP) and 125 meters antenna height above average terrain (HAAT) using a directional TV antenna. KFXL-TV has been granted a construction permit (BPCDT-20080317AHY) to operate its digital TV operation on Channel 51 with 14 kW ERP and 125 meters HAAT using a directional antenna. KFXL-TV is requesting a Special Temporary Authorization (STA) to operate on DTV Channel 51 with 9.52 kW ERP and 125 meters HAAT using a directional TV antenna granted in its CP.

KFXL-TV has substantially completed the construction of its CP facility. However, while conducting equipment tests of the KFXL-TV transmitter it was found that it did not quite meet the FCC required specifications while operating with full transmitter power of 1.25 kW. By reducing the power to 850 watts, the digital operation meets the specifications with the exception of the 3<sup>rd</sup> and 4<sup>th</sup> 500 kHz sub channel and 2<sup>nd</sup> harmonic requirements. There is a possibility that KFXL-TV may not be able to rectify these problems in time to start operation on June 12, 2009. Therefore, KFXL-TV is requesting an STA to operate KFXL-TV on Channel 51 with reduced ERP of 850 watts.

In support of the request for an STA it is stated that the proposed temporary DTV operation of KFXL-TV on Channel 51 is not likely to cause interference to any adjacent channel DTV stations on Channel 50 and 52. The attached map (Figure 1) shows the nearest Channels 50 and 52 DTV stations, KDIN-TV, Des Moines, IA and KCRG-TV, Cedar Rapids, IA. KDIN-TV is located 278.3 km and KCRG-TV is located 433.4 km from KFXL-TV. In addition, no Class A digital low power station has been authorized on Channels 50 and 52 within 450 km of KFXL-TV. Therefore, the proposed temporary KFXL-TV operation on Channel 51 does not have potential of causing interference to any other full service DTV or Class A low power TV stations.

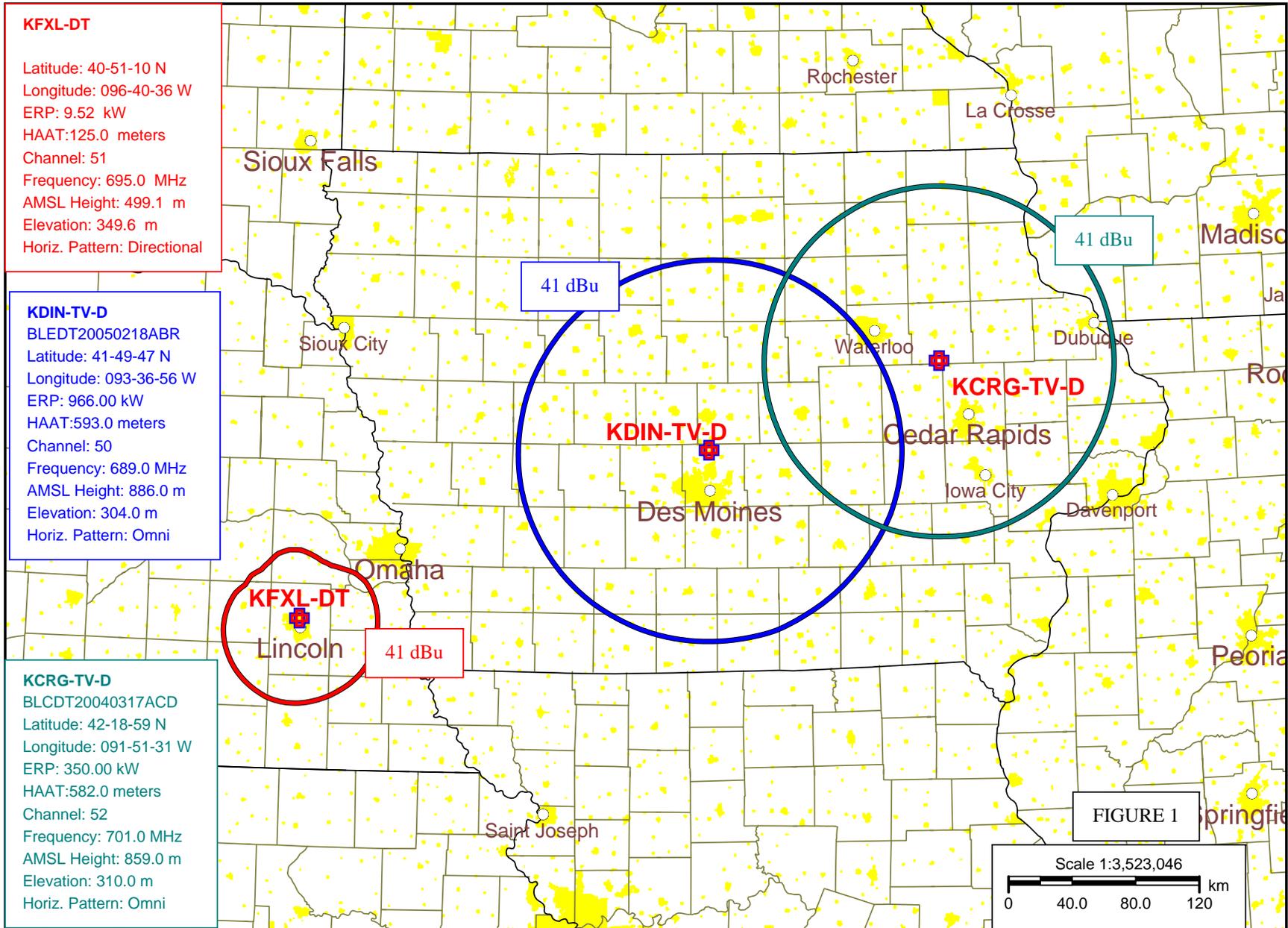
The attached map (Figure 2) shows KFXL-TV's operation with 9.52 kW would serve all of its principal community of Lincoln, Nebraska with the required 48 dBu contour. In addition, the proposed STA operation would serve all the area currently served by the analog TV operation of KFXL-TV (see attached map Figure 3).

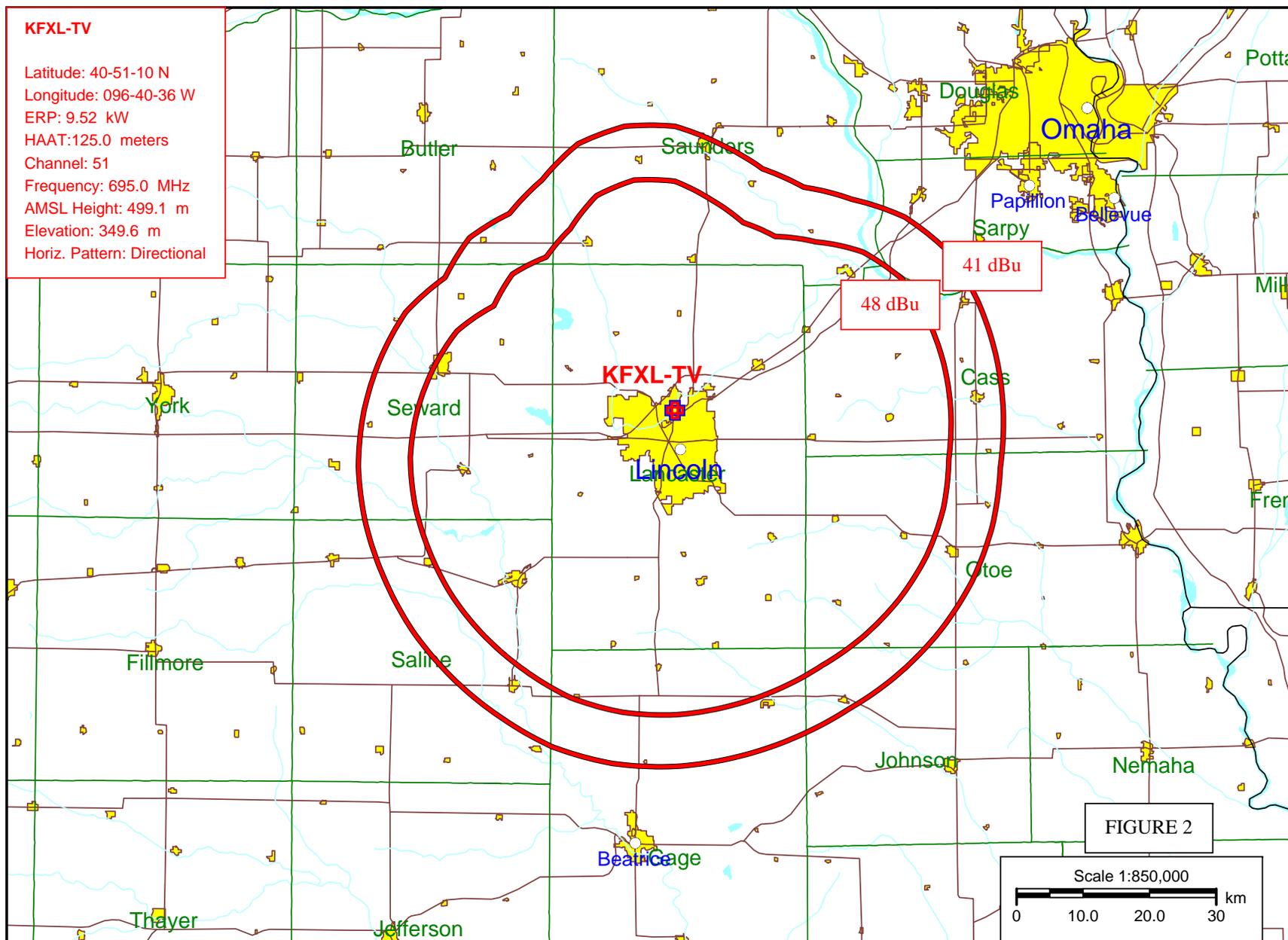
In case of unforeseen interference problem to any other TV station, KFXL-TV will take remedial actions, including reduction in power, to mitigate the problem.

Under penalty of perjury the undersigned states that the foregoing statement has been prepared by him or under his supervision and that the facts stated herein are true of his own knowledge, except such facts as are stated to be on information and belief, and as to such facts, he believes them to be true.

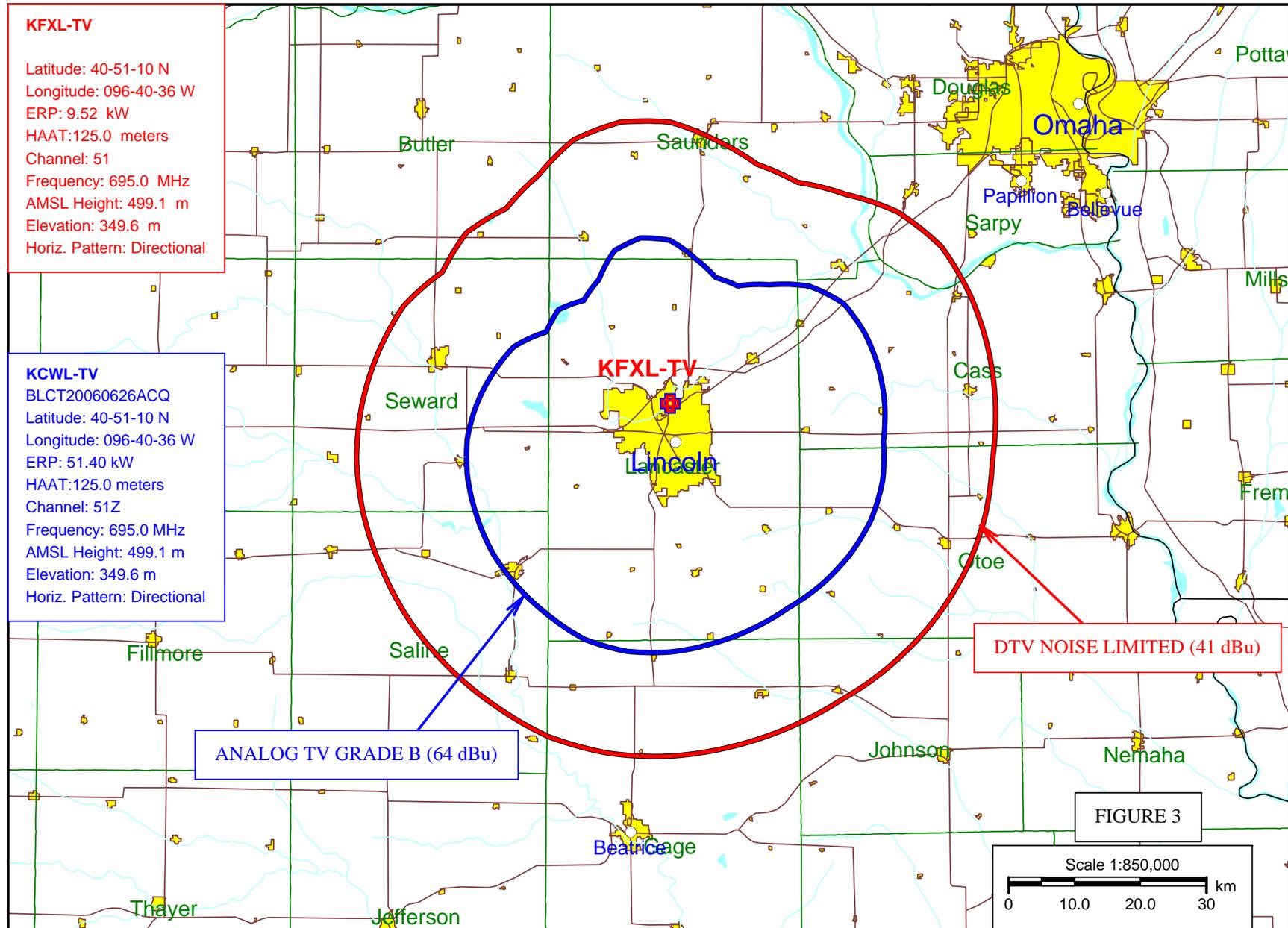
12 June 2009

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S. K. Khanna  
Professional Engineer  
District of Columbia, PE License No.8057





COMPUTED COVERAGE CONTOURS FOR THE PROPOSED STA OPERATION OF KCWL-DT, LINCOLN, NEBRASKA



COMPUTED COVERAGE CONTOURS FOR THE PROPOSED STA OPERATION OF KFXL-TV, LINCOLN, NEBRASKA