

EXHIBIT A

ENGINEERING STATEMENT

The engineering data contained herein have been prepared on behalf of LINCOLN BROADCASTING, LLC, licensee of digital television station KFXL-DT, Channel 51 in Lincoln, Nebraska, in support of its Application for Construction Permit to operate on Channel 15 from the licensed KFXL-DT site. This application is being filed with the same parameters as those specified in the station's Petition for Rulemaking to change operation from Channel 51 to Channel 15 in order to clear the Channel 51 spectrum for use as a guard band for wireless telecommunications providers. The Media Bureau, Video Division, granted that Petition in a Report and Order, released January 27, 2012 (DA 12-91). This application is being prepared in a timely manner, consistent with the terms of that Report and Order.

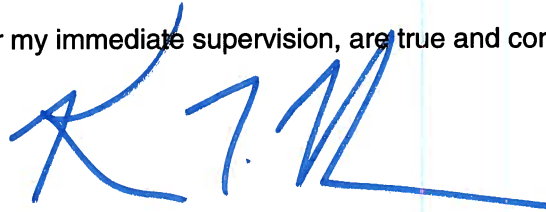
It is proposed to mount a standard Dielectric omnidirectional antenna at the 144.6-meter level of the existing 152-meter tower upon which the licensed KFXL-DT antenna is presently mounted. Exhibit B provides an elevation pattern for the proposed antenna. Exhibit C is a map upon which the predicted service contours are plotted. As shown, the city of license is completely contained within the proposed 48 dBu service contour. An interference study is included in Exhibit D, and it is important to note that the study utilized a cell size of 2.0 kilometers and an increment spacing of 1.0 kilometer. A power density calculation is provided in Exhibit E.

It is not expected that the proposed facility would cause objectionable interference to any other broadcast or non-broadcast station authorized to operate at or near the new KFXL-DT site. However, if such should occur, the owner of this station recognizes its obligation to take whatever corrective actions are necessary.

EXHIBIT A

Since no change in overall height or location of the existing tower is proposed herein, the FAA has not been notified of this application. The FCC issued Antenna Structure Registration Number 1022906 to this tower.

I declare under penalty of perjury that the foregoing statements and the attached exhibits, which were prepared by me or under my immediate supervision, are true and correct to the best of my knowledge and belief.

A handwritten signature in blue ink, appearing to read 'K. T. Fisher', is written over the text of the declaration.

KEVIN T. FISHER

February 1, 2012



Date
Call Letters
Location
Customer
Antenna Type

31 Oct 2011

Channel **15**

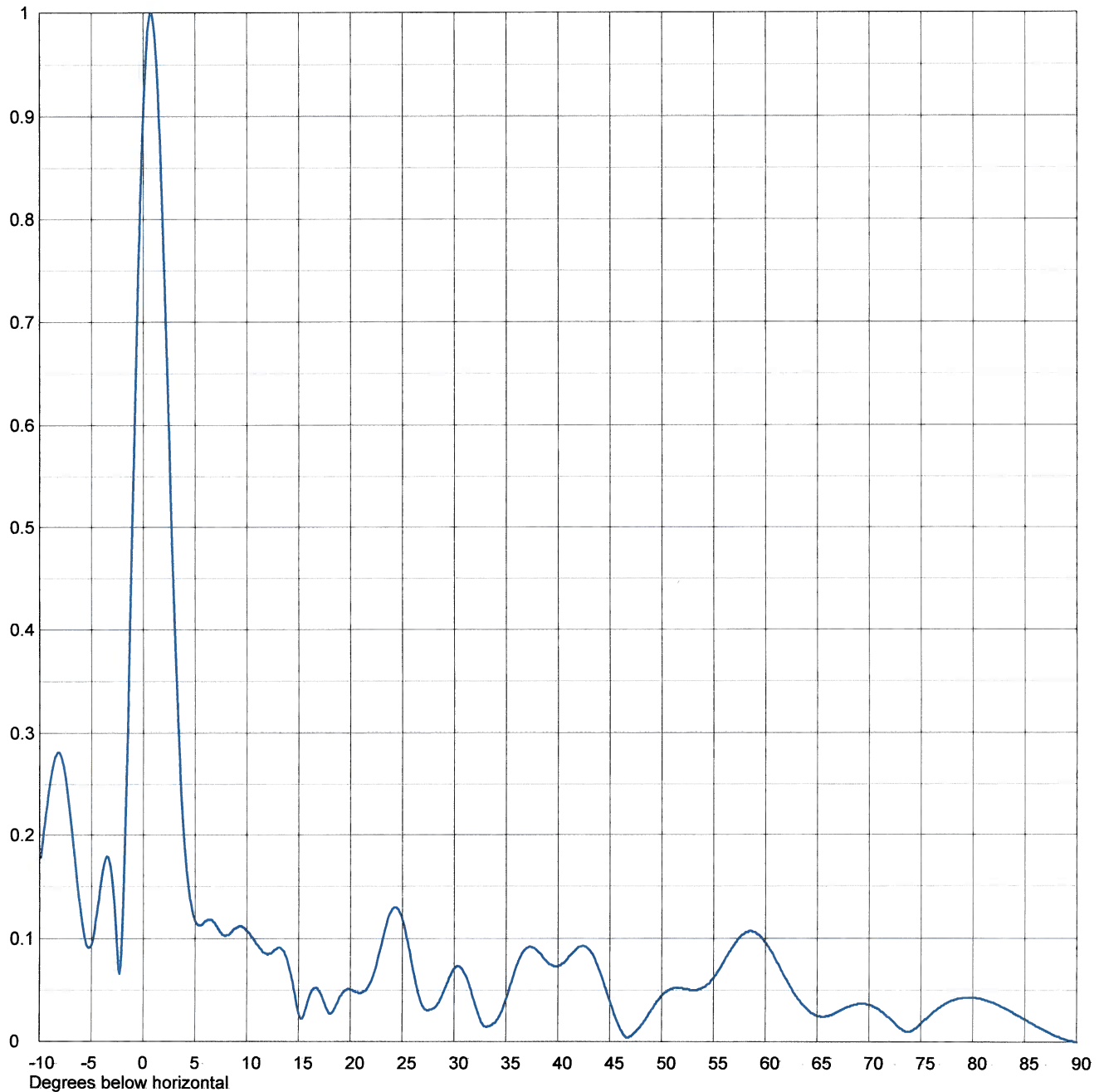
TFU-22DSC 04

ELEVATION PATTERN

RMS Gain at Main Lobe
RMS Gain at Horizontal
Calculated / Measured

18.0 (12.55 dB)
14.8 (11.70 dB)
Calculated

Beam Tilt **0.75 Degrees**
Frequency **479.00 MHz**
Drawing # **22q180075-90**



Remarks:

CONTOUR POPULATION

48 DBU : 672,438

41 DBU : 997,529

SMITHANDFISHER

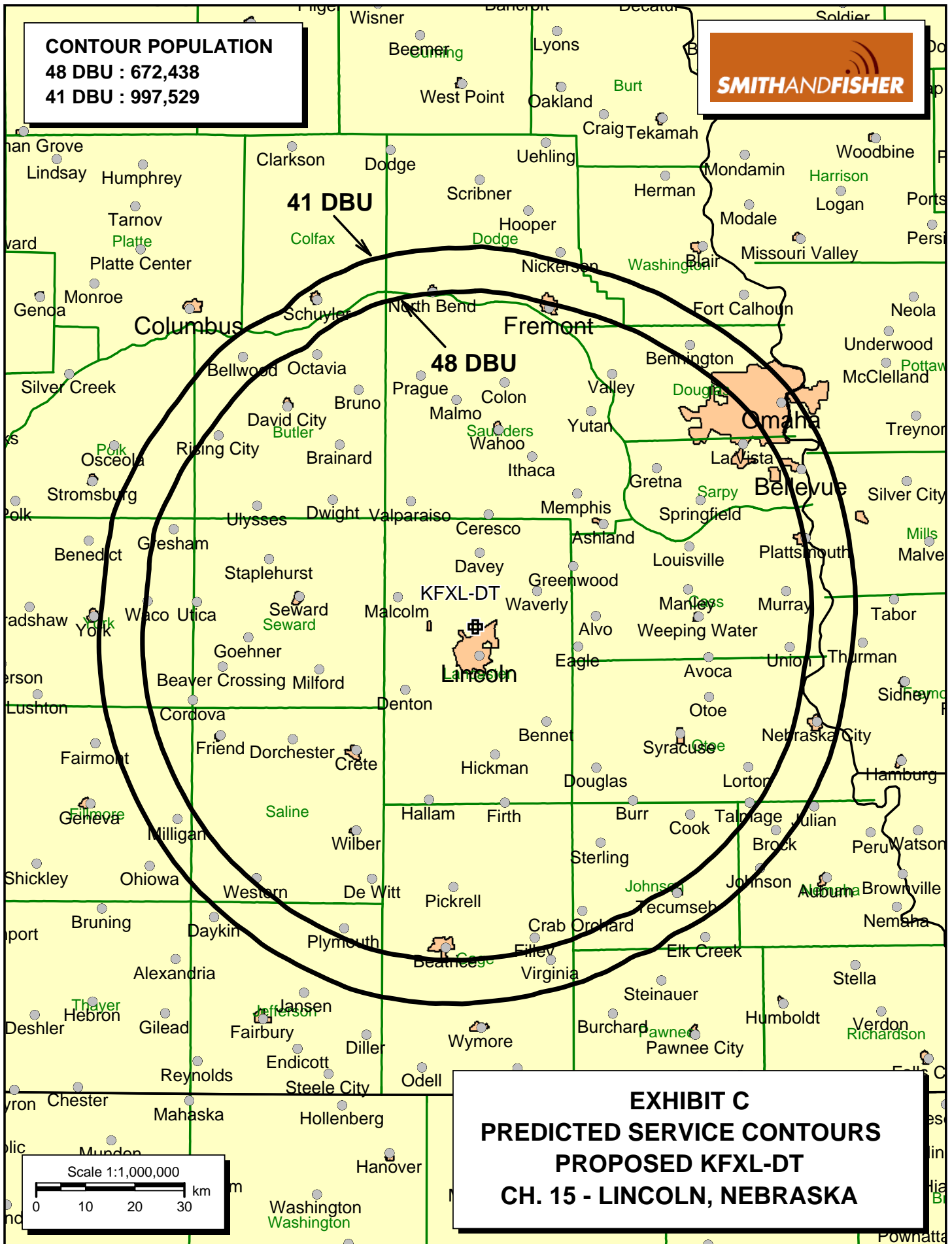


EXHIBIT C
PREDICTED SERVICE CONTOURS
PROPOSED KFXL-DT
CH. 15 - LINCOLN, NEBRASKA

INTERFERENCE STUDY
PROPOSED KFXL-DT
CHANNEL 15 – LINCOLN, NEBRASKA

The instant application specifies an ERP of 1000 kW (omnidirectional) at 120 meters above average terrain, which we have determined to be allowable under the FCC's interference standards with respect to various post-transition digital television facilities.

In evaluating the interference effect of this proposal, we have relied upon the V-Soft Communications "Probe III" computer program, which mimics the FCC's Longley-Rice-based program. In conducting our studies, we employed a cell size of 2.0 kilometers and an increment spacing of 1.0 kilometer along each radial. In addition, we utilized the 2000 U.S. Census. The results of that study appear in Exhibit D-2.

As shown, the proposed KFXL-DT facility would not contribute more than 0.5% interference (beyond that which is caused by the allotted KFXL-DT facility) to the service population of any potentially affected post-transition DTV station.

A Longley-Rice interference study also reveals that the proposed KFXL-DT facility would not cause significant (0.5%) interference within the protected service contour of any potentially affected Class A low power television station.

Therefore, this proposal meets the FCC's *de minimis* interference standards for DTV operations.

INTERFERENCE SUMMARY

PROPOSED KFXL-DT
CHANNEL 15 – LINCOLN, NEBRASKA

<u>Call Sign</u>	<u>Status</u>	<u>City, State</u>	<u>Ch.</u>	<u>Longley-Rice Service Population</u>	<u>Unmasked Interference From Proposed Facility</u>	<u>%</u>
KSMN-DT BPEDT-20080620ALP	CP	Worthington, MN	15	411,683	34	<0.1
KMOS-DT BLEDT-20030108ABK	Lic.	Sedalia, MO	15	735,447	6	<0.1

EXHIBIT E

POWER DENSITY CALCULATION

PROPOSED KFXL-DT
CHANNEL 15 – LINCOLN, NEBRASKA

Since the FCC considers the possible biological effects of RF transmissions in its environmental determinations, we have studied the matter with respect to this Lincoln facility. Employing the methods set forth in *OET Bulletin No. 65* and considering a main-lobe effective radiated power of 1000 kW, an antenna radiation center 144.6 meters above ground, and the vertical pattern of the Dielectric antenna, maximum power density two meters above ground of 0.014 mw/cm^2 is calculated to occur 89 meters from the base of the tower. Since this is only 4.4 percent of the 0.32 mw/cm^2 reference for uncontrolled environments (areas with public access) surrounding a facility operating on Channel 15 (476-482 MHz), this proposal may be excluded from consideration with respect to public exposure to nonionizing electromagnetic radiation.

Further, the station owner will take whatever precautionary steps are necessary, such as reducing power or leaving the air temporarily, to ensure that workers operating in the vicinity of the antenna are not exposed to excessive nonionizing radiation.