

EXHIBIT A

ENGINEERING STATEMENT

The engineering data contained herein have been prepared on behalf of MITTS TELECASTING COMPANY, permittee of KXVO-DT, Channel 38 in Omaha, Nebraska, in support of its application for modification of Construction Permit BPCDT-19991029ADQ to specify a slight change in transmitter site, a decrease in antenna height and a corresponding increase in effective radiated power.

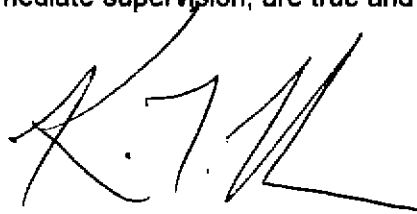
Exhibit B is an elevation pattern for the proposed ERI omnidirectional antenna. Exhibit C is a map upon which the predicted service contours are plotted. As shown, the city of license is completely contained within the proposed 48 dBu service contour. Since the proposed 41 dBu service contour is completely contained within that authorized to KXVO-DT, this application meets the terms of acceptability in reference to the Commission's current freeze on DTV modification proposals. In addition, and for the same reasons, no DTV interference study is provided herein. A power density calculation is provided in Exhibit D.

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

Since no change in the overall height or location of an existing tower is proposed herein, the FAA has not been notified of this application. The FCC issued Antenna Structure Registration Number 1026025 to this tower.

EXHIBIT A

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.

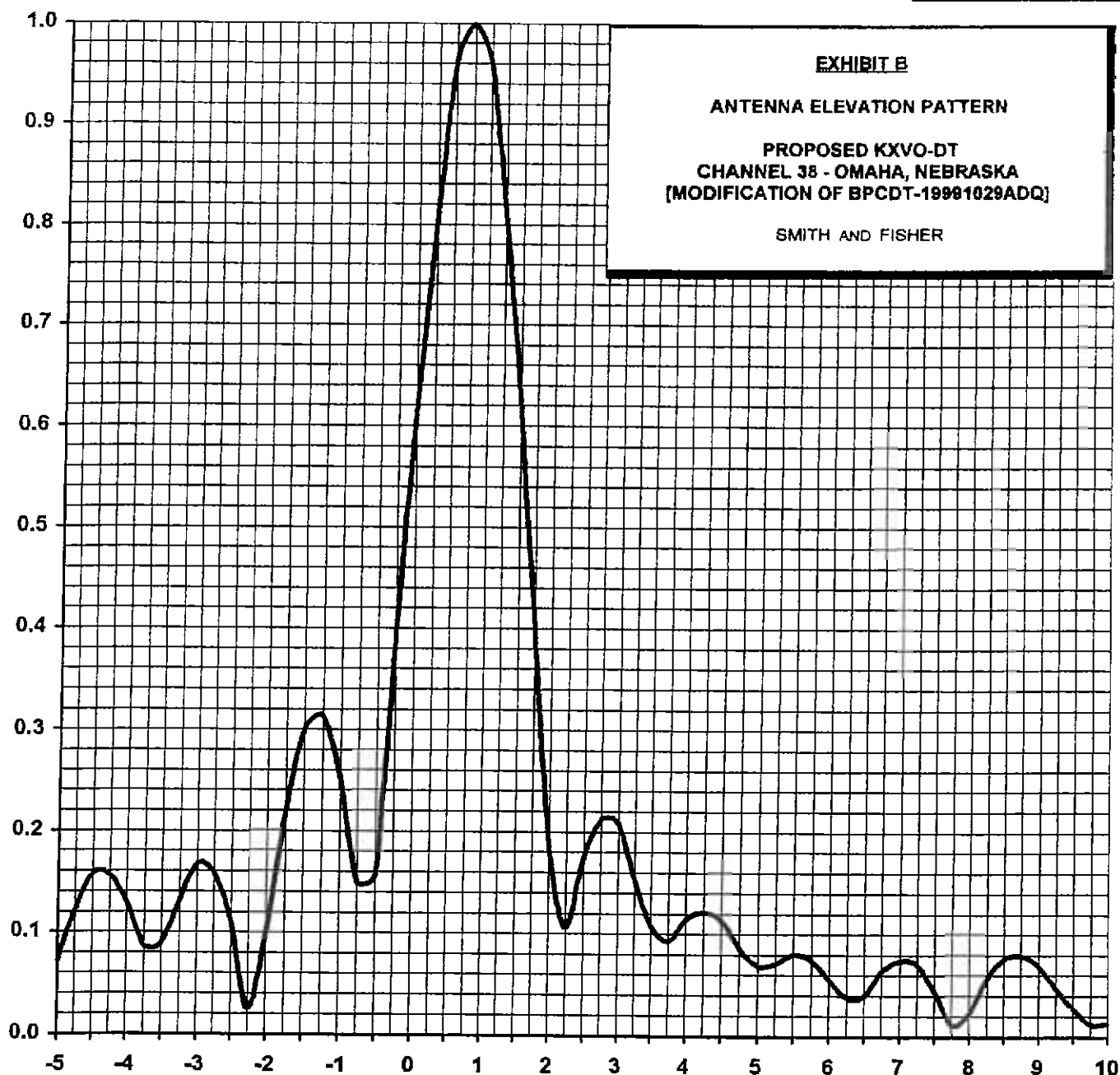
A handwritten signature in black ink, appearing to read 'K.T. Fisher', with a stylized, sweeping flourish at the end.

KEVIN T. FISHER

February 21, 2006

### ELEVATION PATTERN

TYPE:	ETU16H3H-CH38	
Directivity:	Numeric	dBd
Main Lobe:	45.30	16.56
Horizontal:	17.25	12.37
Beam Tilt:	0.75	
Polarization:	Horizontal	
Frequency:	38 (DTV)	
Location:	Omaha, NE	



**CONTOUR POPULATION**

**48 DBU : 1,159,088**

**41 DBU : 1,261,086**

**SMITH and FISHER**

**41 DBU**

**48 DBU**

**Omaha**

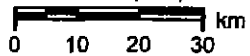
**Bellevue**

**KXVO-DT**

**Lincoln**

**Beatrice**

Scale 1:1,250,000



**EXHIBIT C**

**PREDICTED SERVICE CONTOURS**

**PROPOSED KXVO-DT  
CHANNEL 38 - OMAHA, NEBRASKA  
[MODIFICATION OF BPCDT-19991029ADQ]**

**SMITH and FISHER**

EXHIBIT D

POWER DENSITY CALCULATION

PROPOSED KXVO-DT  
CHANNEL 38 – OMAHA, NEBRASKA  
[MODIFICATION OF BPCDT-19991029ADQ]

Since the FCC considers the possible biological effects of RF transmissions in its environmental determinations, we have studied the matter with respect to this Omaha facility. Employing the methods set forth in *OET Bulletin No. 65* and considering a main-lobe effective radiated power of 700 kw, an effective antenna height of 452 meters above ground, and the elevation pattern of the ERI antenna, maximum power density two meters above ground of  $0.0028 \text{ mw/cm}^2$  is calculated to occur 304 meters from the base of the tower. Since this is only 0.7 percent of the  $0.41 \text{ mw/cm}^2$  reference for uncontrolled environments (areas with public access) surrounding a facility operating on Channel 38 (614-620 MHz), a grant of this proposal may be considered a minor environmental action with respect to public and occupational ground-level 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.