EXHIBIT A

ENGINEERING STATEMENT

The engineering data contained herein have been prepared on behalf of FOX TELEVISION STATIONS, INC., permitee of WITI-DT, Channel 33 in Milwaukee, Wisconsin, in support of its application for modification of Construction Permit BPCDT-19991004ABL, to specify the allotment facility described in Appendix B of the Commission's recently issued DTV Table of Allotments. In addition, this application seeks to correct the site coordinates listed for the allotment facility in order to correspond with those of the actual tower location and the present WITI and WITI-DT authorizations.

Exhibit B provides elevation pattern data for the proposed facility. 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 facility has been allotted by the FCC, no interference study is required. 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 at or near the WITI-DT site. However, if such should occur, the owner of this station recognizes its obligation to take whatever corrective actions are necessary.

Since no change in overall height or location of the existing tower is proposed herein, the FAA has not been notified of this application. In addition, the FCC issued Antenna Structure Registration Number 1056835 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.

January 14, 2008

KEVIN T. FISHER

ELEVATION PATTERN

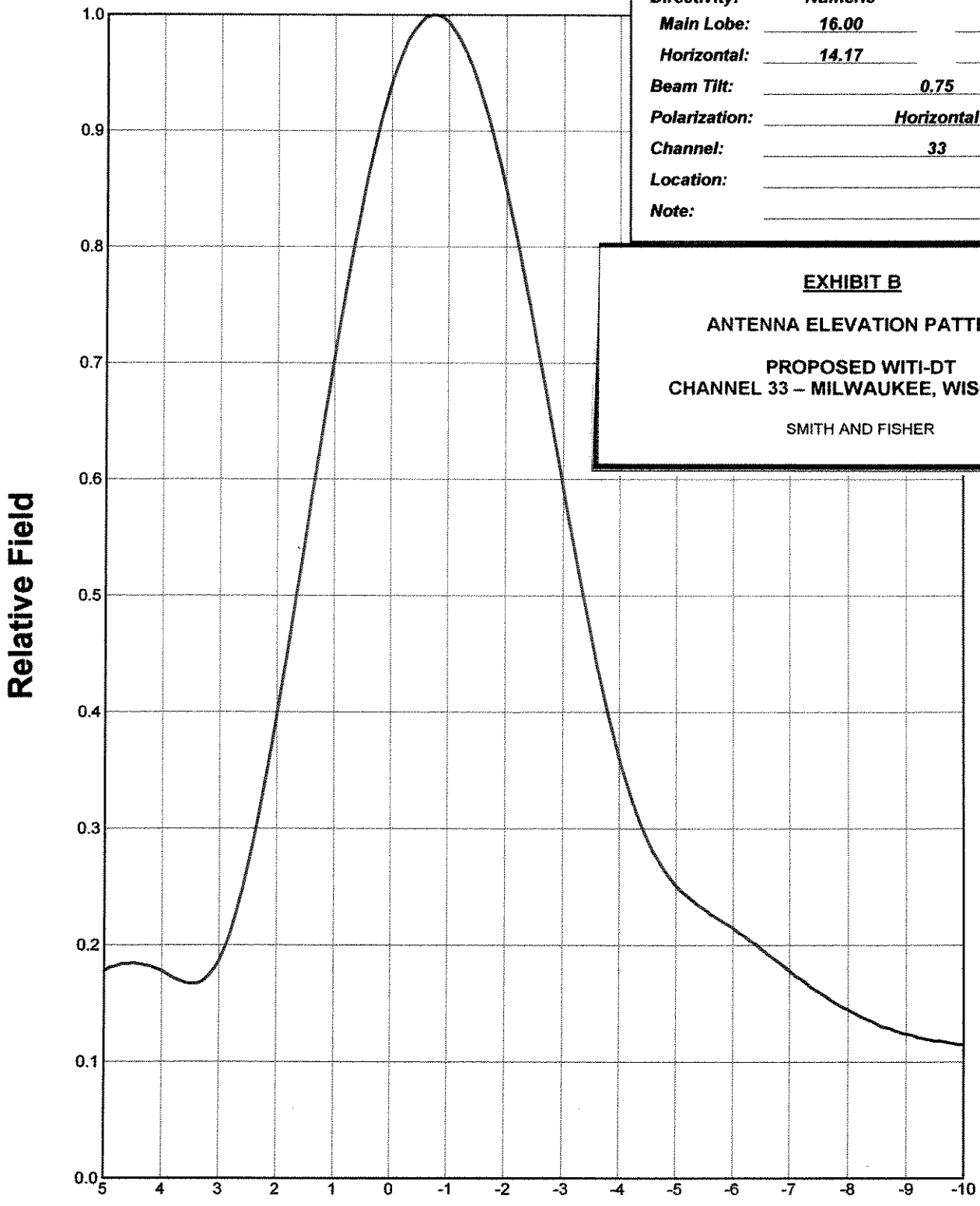
Type:	ATW16HS3H	
Directivity:	Numeric	dBd
Main Lobe:	16.00	12.04
Horizontal:	14.17	11.51
Beam Tilt:	0.75	
Polarization:	Horizontal	
Channel:	33	
Location:		
Note:		

EXHIBIT B

ANTENNA ELEVATION PATTERN

PROPOSED WITI-DT
CHANNEL 33 – MILWAUKEE, WISCONSIN

SMITH AND FISHER



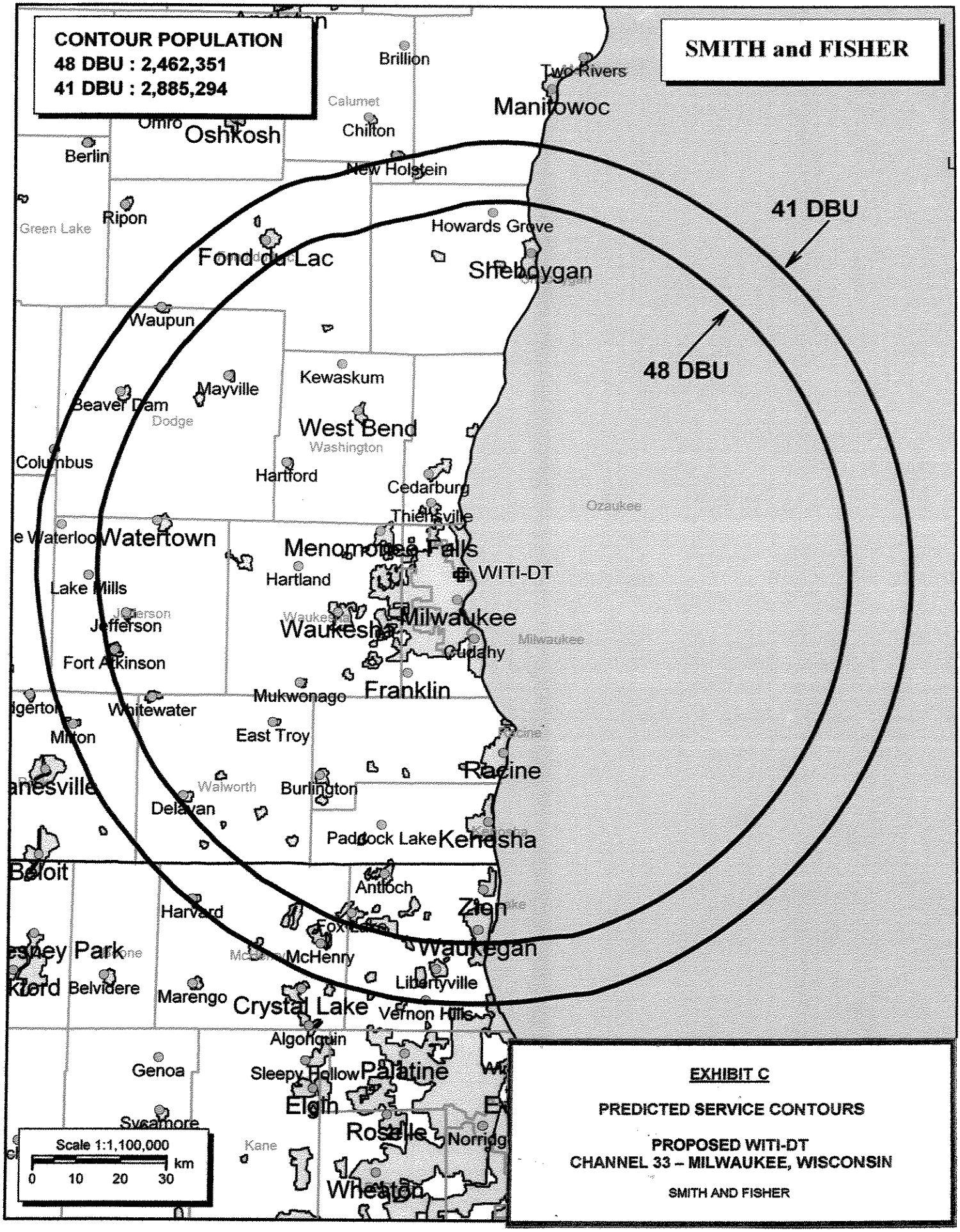

CONTOUR POPULATION
48 DBU : 2,462,351
41 DBU : 2,885,294
SMITH and FISHER
41 DBU
48 DBU
Brillion
Two Rivers
Manitowoc
Calumet
Chilton
Oshkosh
Berlin
New Holstein
Ripon
Green Lake
Howards Grove
Fond du Lac
Sheboygan
Waupun
Kewaskum
Mayville
Beaver Dam
Dodge
West Bend
Washington
Columbus
Hartford
Cedarburg
Ozaukee
Thiensville
Watertown
Menomonee Falls
WITI-DT
Hartland
Lake Mills
Jefferson
Waukesha
Milwaukee
Cudahy
Fort Atkinson
Mukwonago
Franklin
Whitewater
East Troy
Milton
Racine
Walworth
Burlington
Delavan
Paddock Lake
Kenosha
Beloit
Antioch
Harvard
Zion
Fox Lake
Waukegan
McHenry
Belvidere
Libertyville
Marengo
Crystal Lake
Vernon Hills
Algonquin
Genoa
Sleepy Hollow
Palatine
Elgin
Sycamore
Roselle
Kane
Wheaton
Scale 1:1,100,000
km
0 10 20 30
EXHIBIT C
PREDICTED SERVICE CONTOURS
PROPOSED WITI-DT
CHANNEL 33 – MILWAUKEE, WISCONSIN
SMITH AND FISHER

EXHIBIT D

POWER DENSITY CALCULATION

PROPOSED WITI-DT
CHANNEL 33 – MILWAUKEE, WISCONSIN

[MODIFICATION OF BPCDT-19991004ABL]

Since the FCC considers the possible biological effects of RF transmissions in its environmental determinations, we have studied the matter with respect to this Milwaukee 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 309 meters above ground, and the elevation pattern of the ERI antenna, maximum power density two meters above ground of 0.00085 mw/cm^2 is calculated to occur 112 meters from the base of the tower. Since this is only 0.2 percent of the 0.39 mw/cm^2 reference for uncontrolled environments (areas with public access) surrounding a facility operating on Channel 33 (584-590 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.