EXHIBIT A

ENGINEERING STATEMENT

The engineering data contained herein have been prepared on behalf of TRINITY BROADCASTING OF TEXAS, INC., licensee of full-power digital television station WWRS-DT, Channel 43 in Mayville, Wisconsin, in support of its request for Special Temporary Authority to use an interim facility for its operation on Channel 43 (pre-repack) while the new repack antenna on Channel 34 is installed on the same tower.

It is proposed to mount an SWR directional, horizontally-polarized antenna at the 106.7-meter level of the existing 149.7-meter tower on which the WWWRS-DT repack antenna is authorized to be located (LMS-0000026658). The proposed effective radiated power for the interim facility is 244.4 kW in the horizontal plane. Exhibit B is a map upon which the predicted service contours are plotted. As shown, the community of Mayville is completely encompassed by the proposed STA 48 dBu city-grade service contour. In Exhibit C, we have plotted the service contours of the main licensed WWRS-DT facility (authorized in BLCDT-20130109AFE) and that from the proposed STA interim operation. As shown, the service contour of the STA facility is completely contained within that licensed to WWRS-DT on Channel 43.

Elevation and azimuth pattern information for the proposed antenna are provided in Exhibit D. Since the STA facility proposed herein has a service contour contained completely within that licensed to WWRS-DT, no interference study is included herein. A power density calculation appears as Exhibit E.

Since no change in the overall height or location of the existing tower is proposed herein, the Federal Aviation Administration has not been notified of this application.

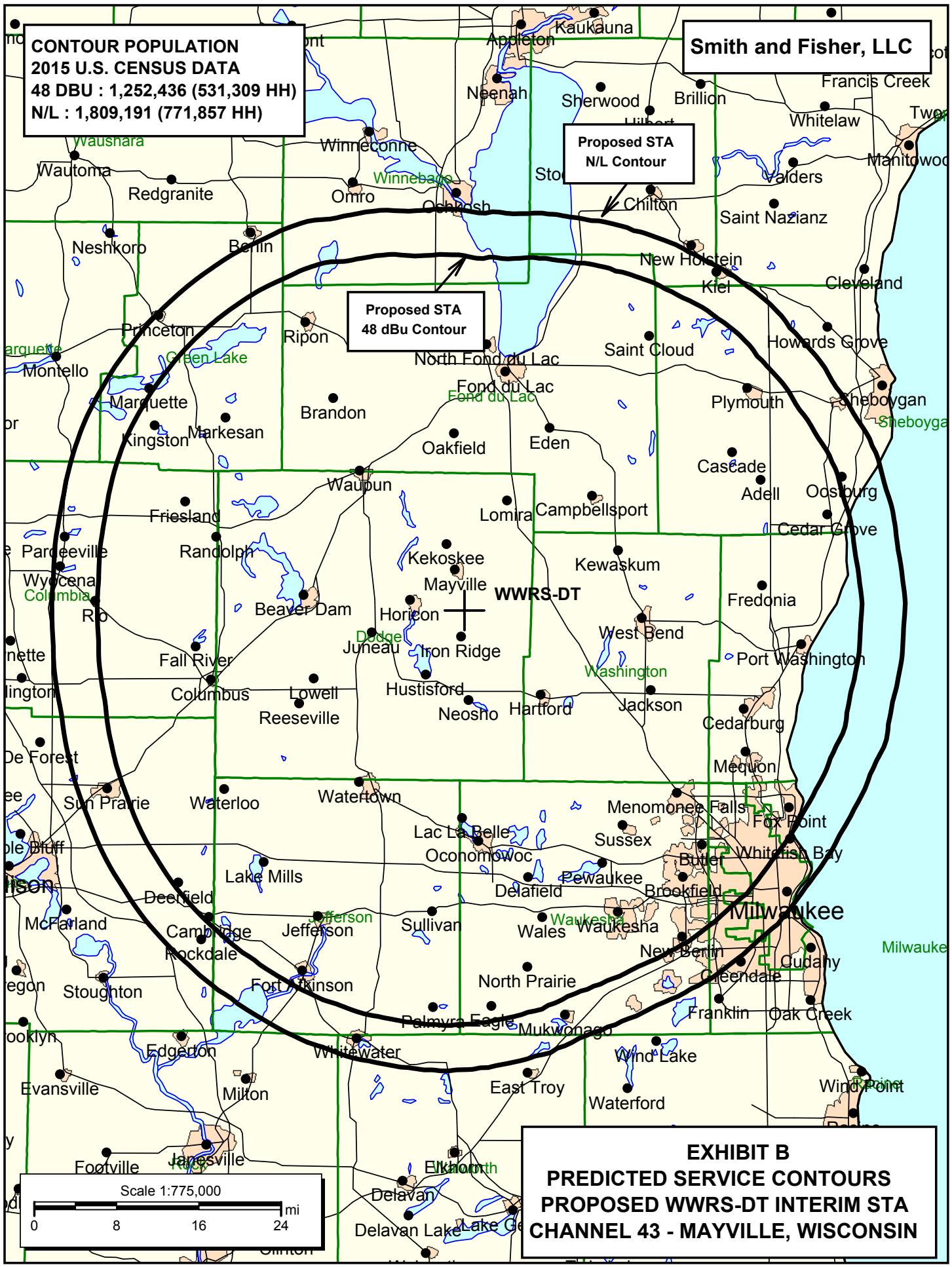
EXHIBIT A

In addition, the Federal Communications Commission issued Antenna Structure Registration Number 1219139 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.

KEVIN T. FISHER

September 23, 2019


CONTOUR POPULATION
2015 U.S. CENSUS DATA
48 DBU : 1,252,436 (531,309 HH)
N/L : 1,809,191 (771,857 HH)
Smith and Fisher, LLC
Proposed STA
N/L Contour
Proposed STA
48 dBu Contour
WWRS-DT
Kaukauna
Appleton
Neenah
Sherwood
Brillion
Francis Creek
Whitelaw
Manitowoc
Wausharа
Winneconne
Wautoma
Redgranite
Omro
Winnebago
Oshkosh
Chilton
Valders
Saint Nazianz
Neshkoro
Berlin
New Holstein
Kiel
Cleveland
Princeton
Ripon
North Fond du Lac
Saint Cloud
Howards Grove
Montello
Green Lake
Fond du Lac
Plymouth
Sheboygan
Marquette
Brandon
Kingston
Markesan
Oakfield
Eden
Cascade
Adell
Oostburg
Waupun
Friesland
Lomira
Campbellsport
Cedar Grove
Randolph
Kekoskee
Kewaskum
Mayville
Wyocena
Columbia
Beaver Dam
Horicon
Fredonia
Rio
Dodge
Juneau
Iron Ridge
West Bend
Fall River
Port Washington
Washington
Columbus
Lowell
Hustisford
Jackson
Reeseville
Neosho
Hartford
Cedarburg
De Forest
Mequon
Sun Prairie
Waterloo
Watertown
Menomonee Falls
Fox Point
Lac La Belle
Sussex
Oconomowoc
Butler
Whitefish Bay
Lake Mills
Pewaukee
Delafield
Brookfield
Deerfield
Milwaukee
McFarland
Cambridge
Jefferson
Sullivan
Wales
Waukesha
Rockdale
New Berlin
Cudahy
Greendale
Stoughton
Fort Atkinson
North Prairie
Franklin
Oak Creek
Palmyra
Eagle
Mukwonago
Edgerton
Whitewater
Wind Lake
Evansville
Milton
East Troy
Waterford
Wind Point
Footville
Janesville
Elkhorn
Delavan
Delavan Lake
Scale 1:775,000
0
8
16
24
mi
EXHIBIT B
PREDICTED SERVICE CONTOURS
PROPOSED WWRS-DT INTERIM STA
CHANNEL 43 - MAYVILLE, WISCONSIN

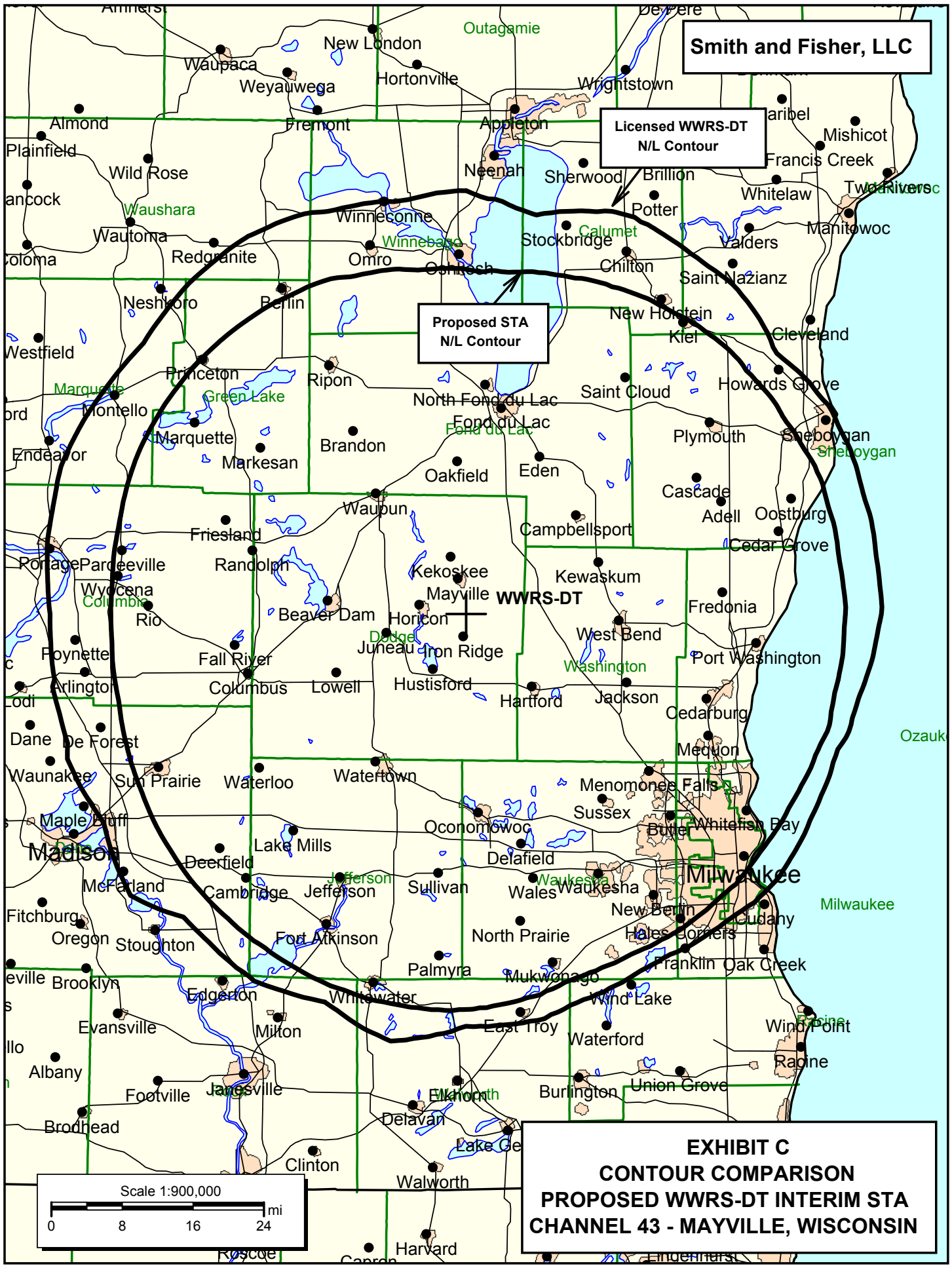
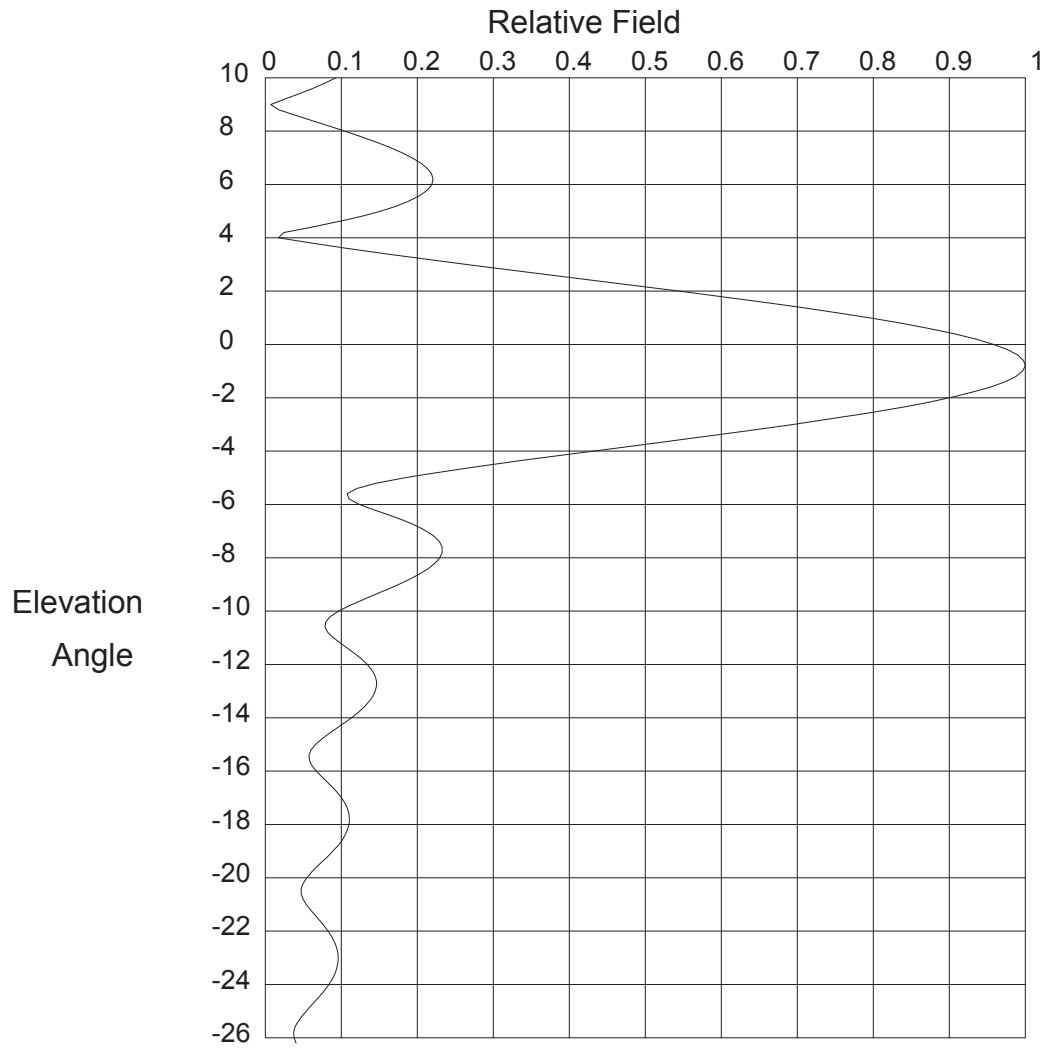

Smith and Fisher, LLC
Licensed WWRS-DT
N/L Contour
Proposed STA
N/L Contour
WWRS-DT
Scale 1:900,000
mi
0
8
16
24
EXHIBIT C
CONTOUR COMPARISON
PROPOSED WWRS-DT INTERIM STA
CHANNEL 43 - MAYVILLE, WISCONSIN

EXHIBIT D



Elevation Pattern

Scale: Linear

Units: Field, Relative

Systems With Reliability

CLIENT: *WWRS interim antenna*

Date: 2/7/2019

ANTENNA TYPE: SWEDM12OI/43

FREQUENCY: 647 MHz

PATTERN POL.: Horizontal

DIRECTIVITY(Peak): 13.002/11.14 dBd

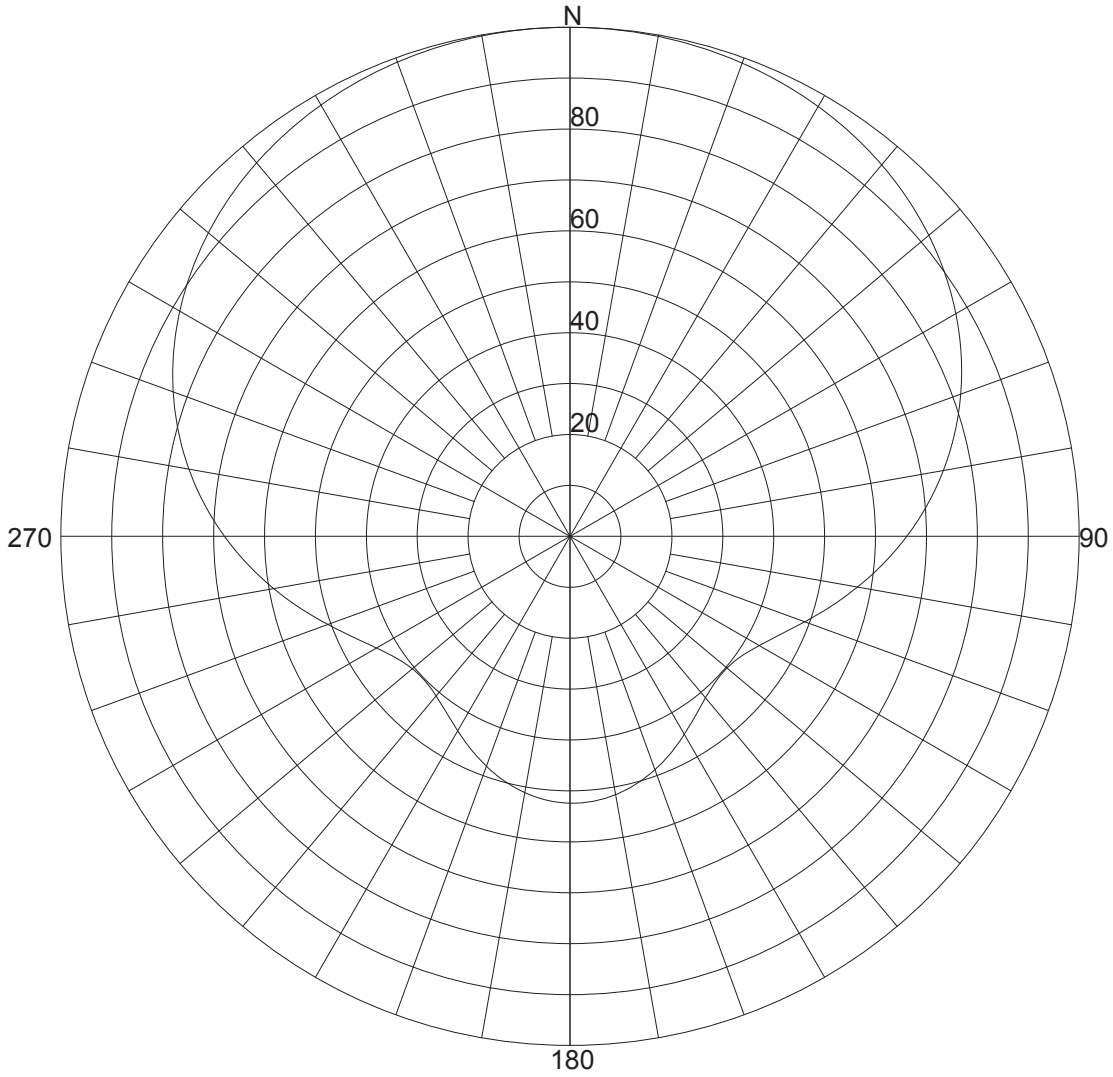
Beam Tilt (Deg.) : *-.75*

DIRECTIVITY(Horiz): 11.95/10.774 dBd

Null Fill(s)(%) : *10, 7, 5*

Micro-Tek Eng. Ver. 2.6

EXHIBIT D



Azimuth Pattern

Scale: Linear

Unit: Relative Field

Systems With Reliability

CLIENT: *WWRS interim antenna*

Date: 2/7/2019

ANTENNA TYPE: SWEDM12OI/43

FREQUENCY: 647 MHz

PATTERN POL.: Horizontal

CIRCULARITY(+/-dB):

AZ. DIRECTIVITY: 1.87443 / 2.73dB

PATTERN RMS: *0.730*

Micro-Tek Eng. Ver. 2.6

EXHIBIT D

Relative Field Tabulation(Azimuth)

Azimuth Heading	Normalized Field(dB)	Azimuth Heading	Normalized Field(dB)
0	1.0000 (0)	180	.5240 (-5.61)
5	.9992 (-0.01)	185	.5202 (-5.68)
10	.9971 (-0.02)	190	.5112 (-5.83)
15	.9938 (-0.05)	195	.4977 (-6.06)
20	.9892 (-0.09)	200	.4805 (-6.37)
25	.9829 (-0.15)	205	.4610 (-6.73)
30	.9748 (-0.22)	210	.4411 (-7.11)
35	.9648 (-0.31)	215	.4229 (-7.47)
40	.9525 (-0.42)	220	.4091 (-7.76)
45	.9376 (-0.56)	225	.4023 (-7.91)
50	.9199 (-0.73)	230	.4045 (-7.86)
55	.8991 (-0.92)	235	.4167 (-7.6)
60	.8751 (-1.16)	240	.4387 (-7.16)
65	.8476 (-1.44)	245	.4692 (-6.57)
70	.8166 (-1.76)	250	.5061 (-5.91)
75	.7822 (-2.13)	255	.5474 (-5.23)
80	.7446 (-2.56)	260	.5910 (-4.57)
85	.7042 (-3.05)	265	.6352 (-3.94)
90	.6615 (-3.59)	270	.6788 (-3.37)
95	.6175 (-4.19)	275	.7206 (-2.85)
100	.5734 (-4.83)	280	.7600 (-2.38)
105	.5305 (-5.51)	285	.7964 (-1.98)
110	.4907 (-6.18)	290	.8294 (-1.62)
115	.4561 (-6.82)	295	.8590 (-1.32)
120	.4288 (-7.35)	300	.8851 (-1.06)
125	.4106 (-7.73)	305	.9078 (-0.84)
130	.4024 (-7.91)	310	.9273 (-0.66)
135	.4040 (-7.87)	315	.9439 (-0.5)
140	.4140 (-7.66)	320	.9577 (-0.38)
145	.4298 (-7.33)	325	.9691 (-0.27)
150	.4490 (-6.96)	330	.9783 (-0.19)
155	.4689 (-6.58)	335	.9856 (-0.13)
160	.4877 (-6.24)	340	.9912 (-0.08)
165	.5036 (-5.96)	345	.9953 (-0.04)
170	.5154 (-5.76)	350	.9981 (-0.02)
175	.5223 (-5.64)	355	.9996 (0)

Systems With Reliability

CLIENT: *WWRS interim antenna*

Date: 2/7/2019

ANTENNA TYPE: SWEDM12OI/43

FREQUENCY: 647 MHz

PATTERN POL.: Horizontal

CIRCULARITY(+/-dB):

AZ. DIRECTIVITY: 1.87443 / 2.73dB

PATTERN RMS: *0.730*

Micro-Tek Eng. Ver. 2.6

EXHIBIT E

POWER DENSITY CALCULATION

PROPOSED WWRS-DT STA REQUEST FOR INTERIM FACILITY
CHANNEL 43 – MAYVILLE, WISCONSIN

Since the FCC considers the possible biological effects of RF transmissions in its environmental determinations, we have studied the matter with respect to this Mayville facility. Employing the methods set forth in *OET Bulletin No. 65* and considering a main-lobe effective radiated power of 244.4 kW (H), an antenna radiation center 106.7 meters above ground, and the specific elevation pattern of the proposed SWR antenna, maximum power density two meters above ground of 0.019 mW/cm^2 is calculated to occur 17 meters southeast of the base of the tower. Since this is only 4.4 percent of the 0.43 mW/cm^2 reference for uncontrolled environments (areas with public access) surrounding a facility operating on Channel 43 (644-650 MHz), a grant of this proposal may be considered a minor environmental action with respect to public exposure to non-ionizing 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 non-ionizing radiation.