

EXHIBIT A

ENGINEERING STATEMENT

The engineering data contained herein have been prepared on behalf of COMMUNITY TELEVISION OF NORTH CAROLINA LICENSE, LLC, licensee of digital television station WGHP-DT, Channel 35 in High Point, North Carolina, in support of its Application for Construction Permit to operate an auxiliary facility.

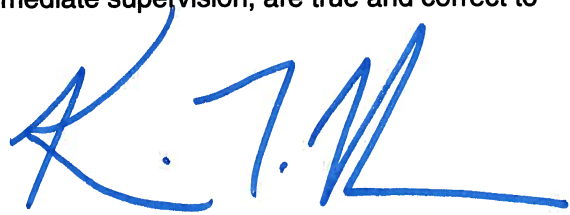
It is proposed to mount an ERI standard directional antenna at the 274 meter level of an existing 383-meter communications tower. Elevation and azimuth pattern data for the proposed antenna are provided in Exhibit B. Proposed operating parameters are tabulated in Exhibit C. Exhibit D-1 is a map upon which the predicted service contours are plotted. As shown, the city of license is completely contained within the proposed 48 dBu service contour. In addition, the proposed auxiliary 41 dBu service contour is completely contained within that authorized to WGHP-DT, as shown in Exhibit D-2. As a result, no interference study is provided herein. 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 near the WGHP-DT auxiliary 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 structure is proposed herein, the FAA has not been notified of this application. The FCC issued Antenna Structure Registration Number 1000751 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.

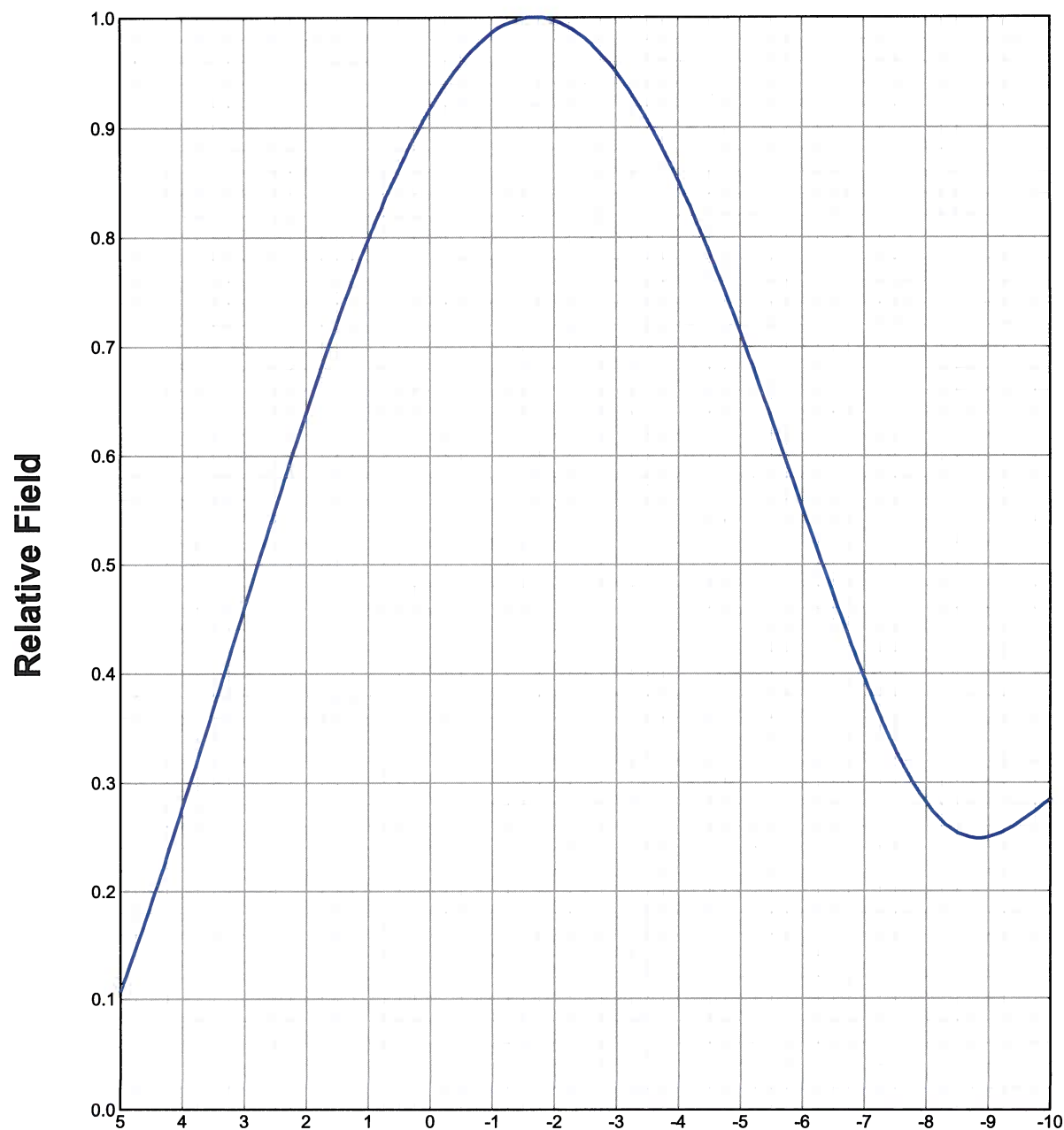
A handwritten signature in blue ink, appearing to read 'K.T. Fisher', with a stylized, elongated final stroke.

KEVIN T. FISHER

August 24, 2011

ELEVATION PATTERN

Type:	<u>AL8</u>		Channel:	<u>35</u>
Directivity:	<u>Numeric</u>	<u>dBd</u>	Location:	<u>Plainfield Tower</u>
Main Lobe:	<u>8.68</u>	<u>9.39</u>	Beam Tilt:	<u>-1.75</u>
Horizontal:	<u>7.30</u>	<u>8.63</u>	Polarization:	<u>Horizontal</u>

*Preliminary, subject to final***ELECTRONICS RESEARCH, INC. ERI****EXHIBIT B-1****ANTENNA ELEVATION PATTERN****PROPOSED WGHP-DT AUXILIARY
CHANNEL 35 – HIGH POINT, NORTH CAROLINA**

SMITH AND FISHER

AL8N-35

EXHIBIT B-2

ANTENNA AZIMUTH PATTERN

**PROPOSED WGHP-DT AUXILIARY
CHANNEL 35 – HIGH POINT, NORTH CAROLINA**

SMITH AND FISHER

AZIMUTH

Type:

AL8-N

Directivity:

Numeric
3.78

dBd
5.77

Peak(s) at:

Channel:

35

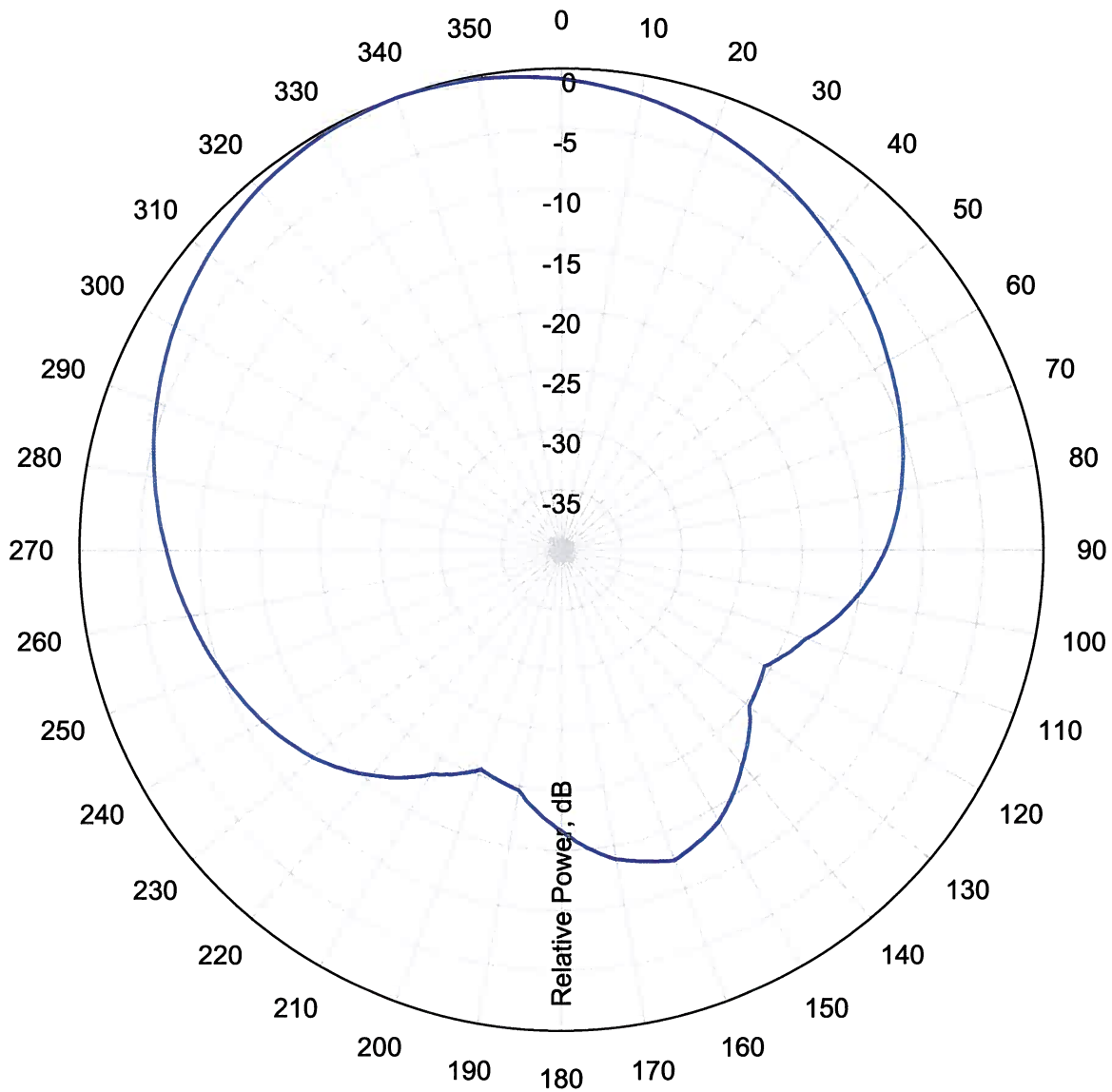
Location:

Plainfield Tower

Polarization:

Horizontal

Note: Pattern shape and directivity may vary with
channel and mouting configuration.



Preliminary, subject to final design and review.

ANTENNA RELATIVE FIELD VALUES**PROPOSED WGHP-DT AUXILIARY
CHANNEL 35 – HIGH POINT, NORTH CAROLINA**

SMITH AND FISHER

**TABULATED DATA FOR AZIMUTH
FCC FILING FORMAT****Type: AL8-N****Polarization: Horizontal**

ANGLE	FIELD	ERP (kW)	ERP (dBk)
0	0.906	42.830	16.317
10	0.815	34.658	15.398
20	0.713	26.526	14.237
30	0.611	19.479	12.896
40	0.517	13.947	11.445
50	0.435	9.873	9.945
60	0.368	7.066	8.492
70	0.316	5.210	7.169
80	0.269	3.776	5.770
90	0.221	2.548	4.063
100	0.168	1.473	1.681
110	0.120	0.751	-1.242
120	0.094	0.461	-3.363
130	0.104	0.564	-2.484
140	0.147	1.128	0.521
150	0.202	2.129	3.282
160	0.236	2.906	4.633
170	0.202	2.129	3.282
180	0.147	1.128	0.521
190	0.104	0.564	-2.484
200	0.094	0.461	-3.363
210	0.120	0.751	-1.242
220	0.168	1.473	1.681
230	0.221	2.548	4.063
240	0.269	3.776	5.770
250	0.316	5.210	7.169
260	0.368	7.066	8.492
270	0.435	9.873	9.945
280	0.517	13.947	11.445
290	0.611	19.479	12.896
300	0.713	26.526	14.237
310	0.815	34.658	15.398
320	0.906	42.830	16.317
330	0.972	49.297	16.928
340	1.000	52.178	17.175
350	0.972	49.297	16.928

Preliminary, subject to final design and review.

EXHIBIT C

PROPOSED OPERATING PARAMETERS

**PROPOSED WGHP-DT AUXILIARY
CHANNEL 35 – HIGH POINT, NORTH CAROLINA**

Transmitter Power Output:	5.0 kW
Transmission Line Efficiency:	31.8%
Antenna Power Gain – Main Lobe:	32.81
Effective Radiated Power – Main Lobe:	52.2 kW

Transmitter Make and Model:	Type-accepted
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Transmission Line Make and Model:	Andrew HJ7-50A
Size and Type:	1-5/8" air heliax
Length:	945 feet

Antenna:

Make and Model:	ERI AL8N-35
Orientation:	340 degrees true
Beam Tilt:	1.75 degrees
Radiation Center Above Ground:	274 meters
Radiation Center Above Mean Sea Level:	511 meters

Tower:

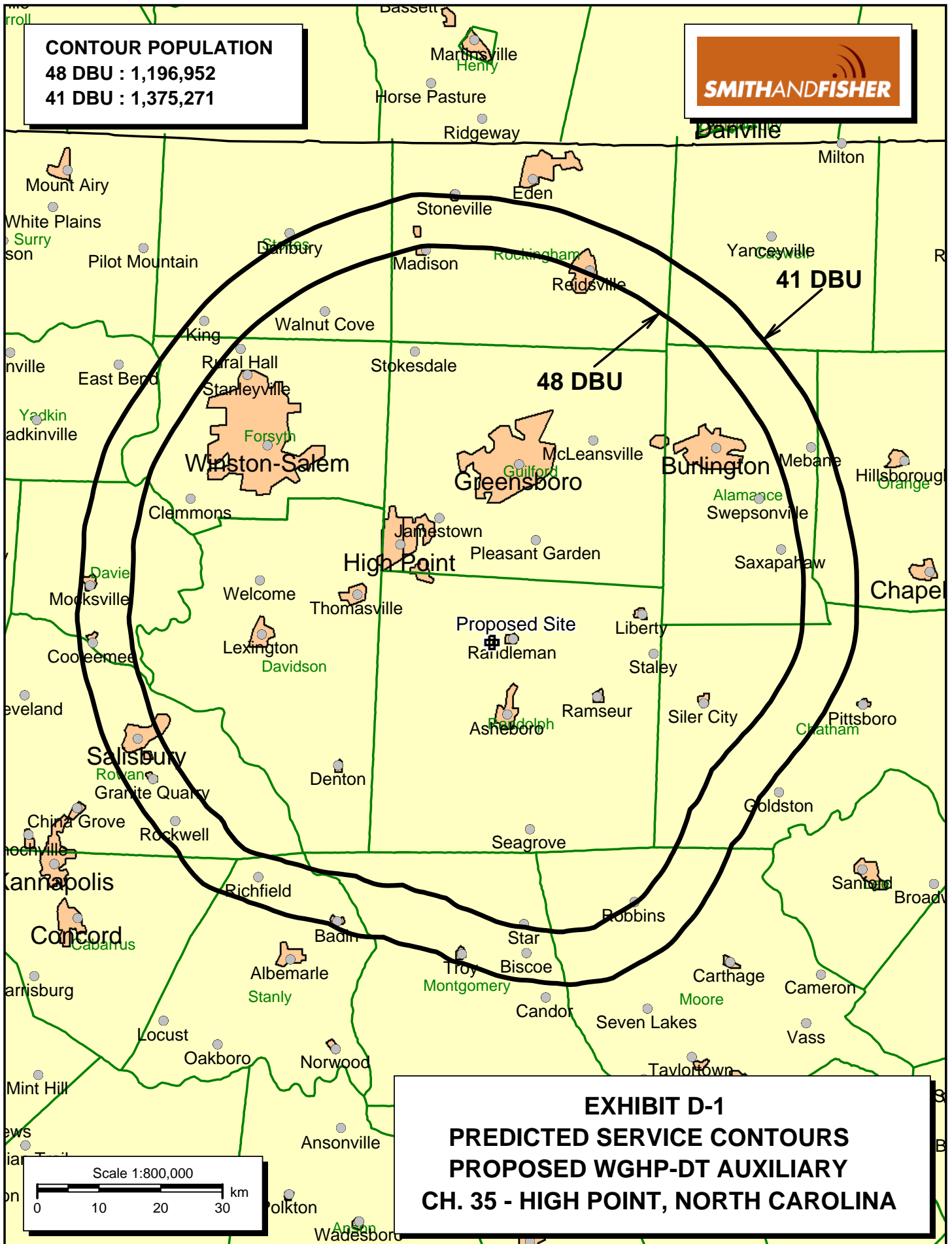
Coordinates (NAD27):	35-48-46.5 N 79-50-35.9 W
FCC ASRN:	1000751
Site Elevation:	236.8 meters
Overall Height	382.7 meters

CONTOUR POPULATION

48 DBU : 1,196,952

41 DBU : 1,375,271

SMITHANDFISHER



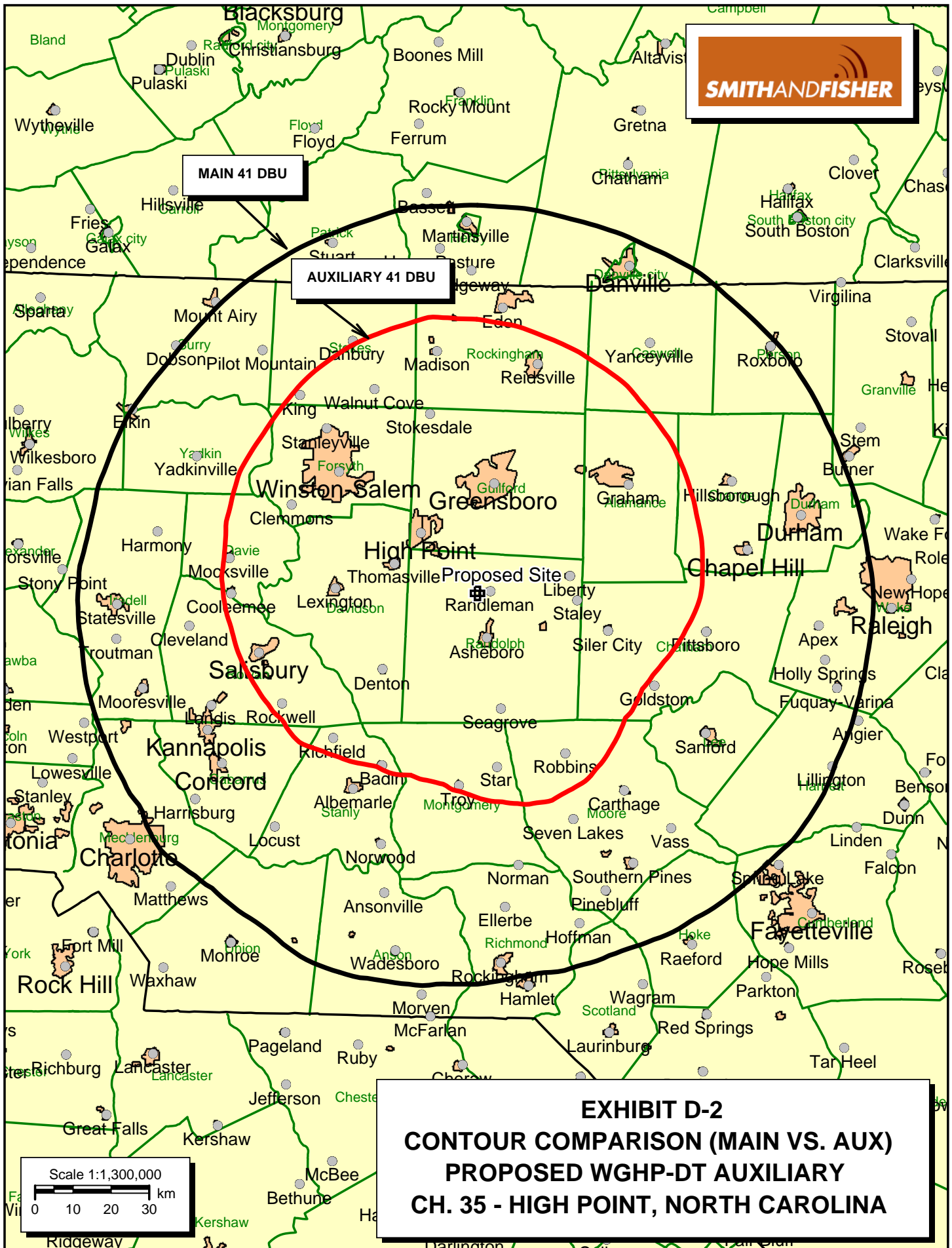


EXHIBIT E

POWER DENSITY CALCULATION

PROPOSED WGHP-DT AUXILIARY
CHANNEL 35 – HIGH POINT, NORTH CAROLINA

Since the FCC considers the possible biological effects of RF transmissions in its environmental determinations, we have studied the matter with respect to this High Point facility. Employing the methods set forth in *OET Bulletin No. 65* and considering a main-lobe effective radiated power of 52.2 kW, an antenna radiation center 274 meters above ground, and the elevation pattern of the ERI antenna, maximum power density two meters above ground of 0.00022 mw/cm^2 is calculated to occur 236 meters north-northwest of the base of the tower. Since this is significantly less than 0.1 percent of the 0.40 mw/cm^2 reference for uncontrolled environments (areas with public access) surrounding a facility operating on Channel 35 (596-602 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.