

EXHIBIT A

ENGINEERING STATEMENT

The engineering data contained herein have been prepared on behalf of CAROLINA CHRISTIAN BROADCASTING, INC., licensee of WGGG-DT, Channel 35 in Greenville, South Carolina, in support of its Application for Construction Permit to operate on Channel 16 with a maximized post-transition DTV facility.

It is proposed to utilize the existing Bogner Channel 16 directional antenna mounted at the 51-meter level of the existing 59-meter tower. Exhibit B provides antenna azimuth and elevation pattern data. 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 utilizes a cell size of 1.0 kilometers and an increment spacing of 0.1 kilometers. 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 WGGG-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. Due to the diminutive height of the tower and its proximity to the nearest airport runway, FCC Antenna Structure Registration is not required. This conclusion is supported by the Commission's TOWAIR Program.

SMITH AND FISHER

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. Fisher', is written over the text of the declaration.

KEVIN T. FISHER

May 9, 2008

Bogner Broadcast Equipment Corp.
401 Railroad Avenue, Westbury, N.Y. 11590
Tel: (516) 997-7800

EXHIBIT B-1

ANTENNA ELEVATION PATTERN

**PROPOSED WGGS-DT
CHANNEL 16 - GREENVILLE, SOUTH CAROLINA**

SMITH AND FISHER

BOGNER^(c)

**UHF high power antennas
B series, catalog 201**

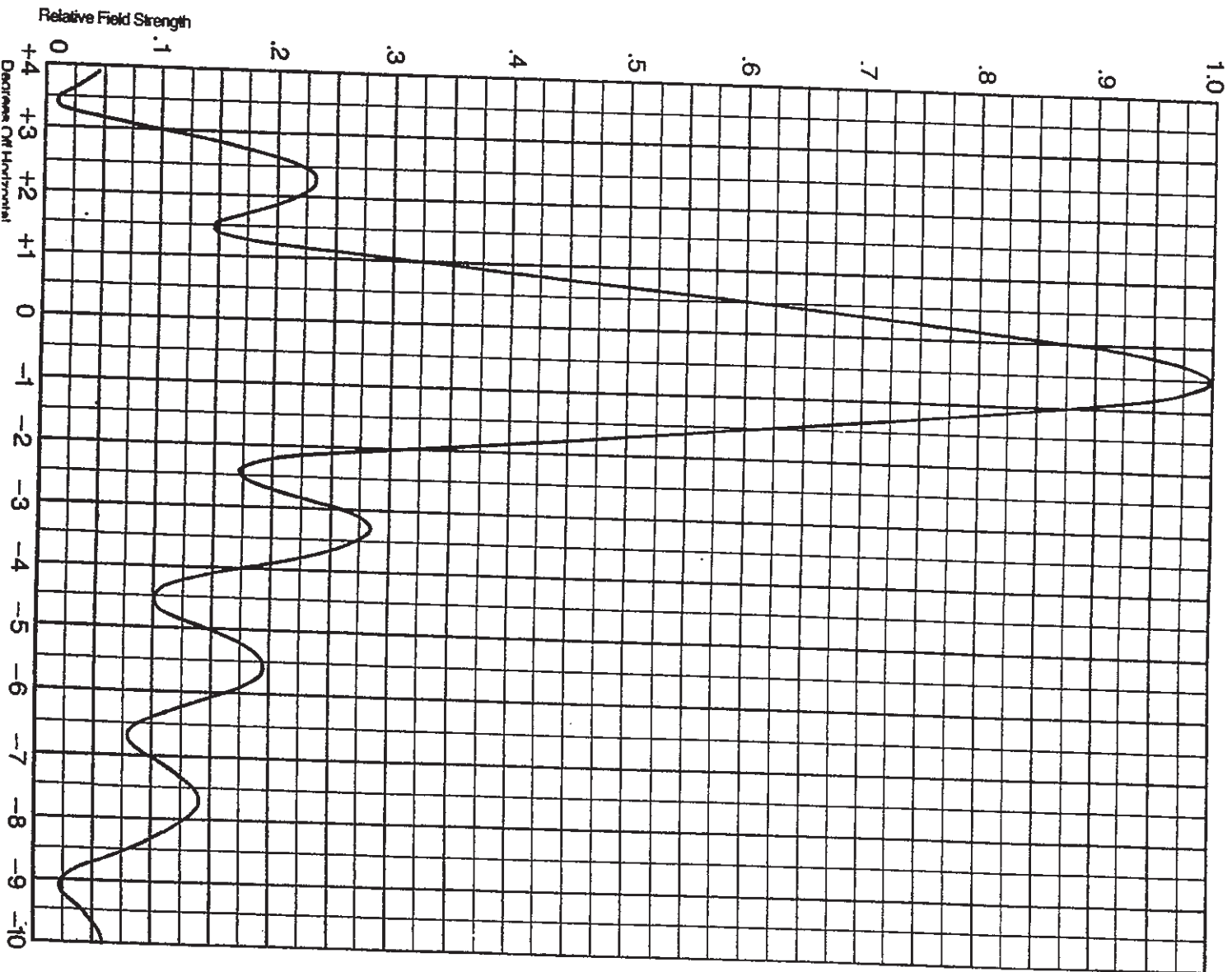
**Calculated vertical
plane pattern**

Model BU()28

Power Gain: 29.4 (14.7 dB)

Hor. Gain: 24.3 (13.8 dB)

1/2° Electrical Beam till



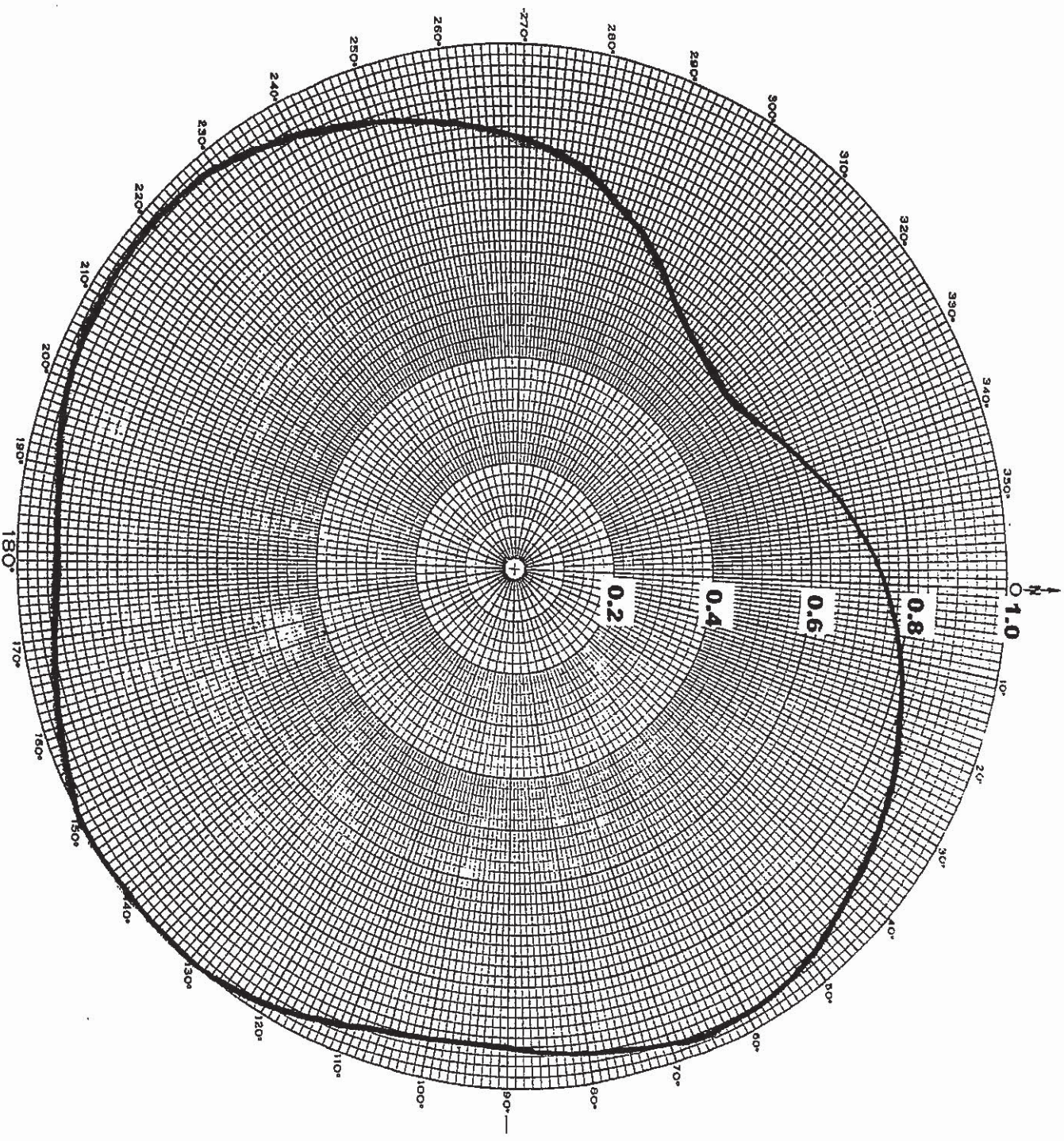


EXHIBIT B-2

ANTENNA AZIMUTH PATTERN

PROPOSED WGS-DT

CHANNEL 16 - GREENVILLE, SOUTH CAROLINA

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HORIZONTAL RELATIVE FIELD PATTERN

PROPOSED WGS-DT

CHANNEL 16 - GREENVILLE, SOUTH CAROLINA

Azimuth (° T)	Relative Field	ERP (dbk)	Azimuth (° T)	Relative Field	ERP (dbk)
0	0.745	27.0	180	0.920	28.8
10	0.800	27.6	190	0.935	29.0
20	0.840	28.0	200	0.965	29.2
30	0.880	28.4	210	0.975	29.3
40	0.900	28.6	220	0.975	29.3
50	0.950	29.1	230	0.955	29.1
60	0.965	29.2	240	0.925	28.9
70	0.960	29.2	250	0.890	28.5
80	0.940	29.0	260	0.845	28.1
90	0.915	28.8	270	0.810	27.7
100	0.920	28.8	280	0.765	27.2
110	0.940	29.0	290	0.690	26.3
120	0.980	29.4	300	0.610	25.2
130	0.995	29.5	310	0.570	24.7
140	1.000	29.5	320	0.550	24.3
150	0.995	29.5	330	0.570	24.7
160	0.970	29.3	340	0.620	25.4
170	0.935	29.0	350	0.685	26.3

CONTOUR POPULATION
48 DBU : 1,685,938
41 DBU : 1,968,009

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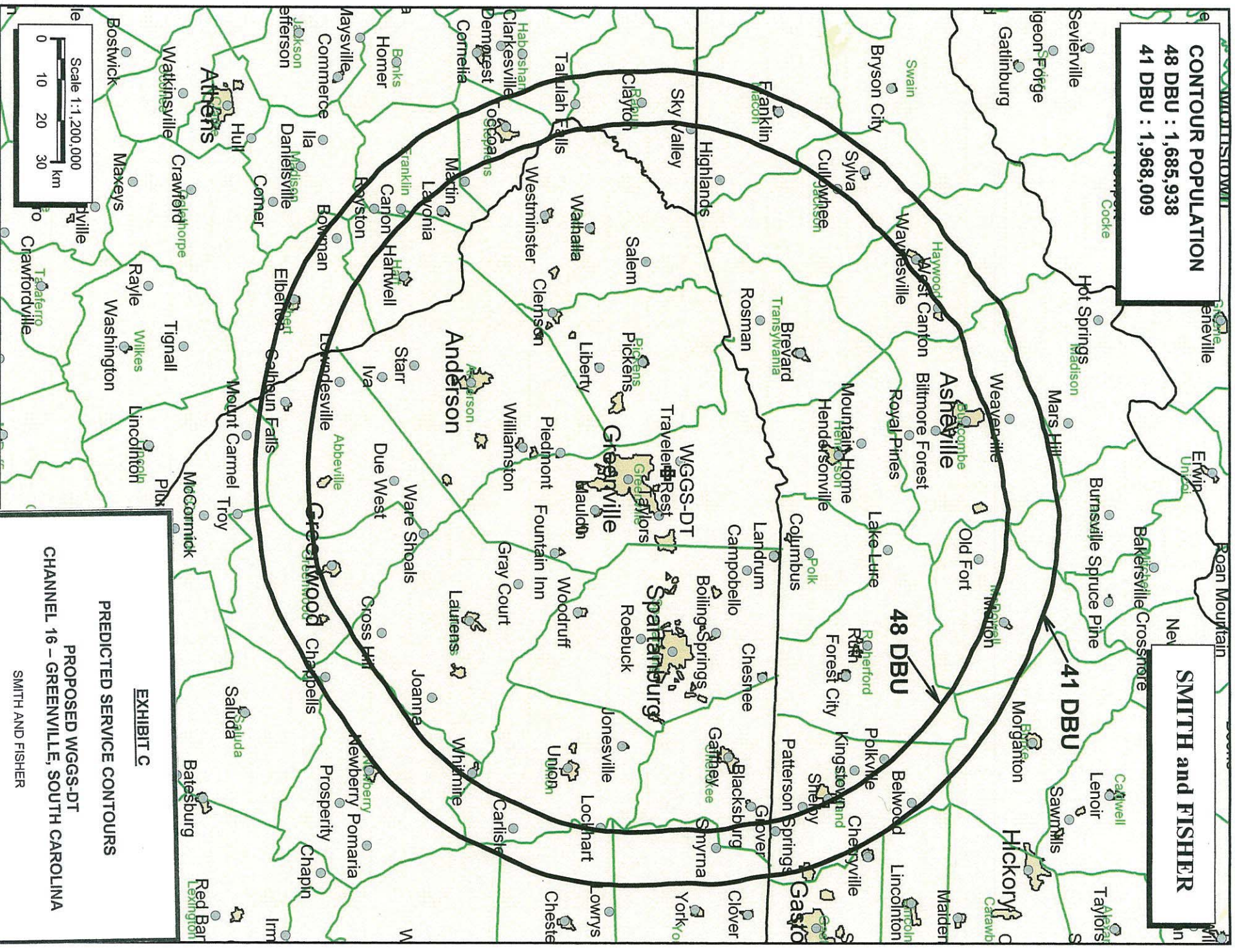


EXHIBIT D-1

INTERFERENCE STUDY

PROPOSED WGGS-DT
CHANNEL 16 – GREENVILLE, SOUTH CAROLINA

The instant application specifies an ERP of 900 kw (directional) at 360 meters above average terrain, which we have determined to be allowable under the FCC's recently approved interference standards with respect to various post-transition digital television facilities as they will exist on or before February 17, 2009, the date by which all stations must operate with the parameters recently adopted in the Commission's DTV Table of Allotments.

In evaluating the interference effect of this proposal, we have relied upon the V-Soft Communications "Probe III" computer program, which has been found generally to mimic the FCC's program. In conducting our studies, we employed a cell size of 1.0 kilometers and an increment spacing of 0.1 kilometer along each radial. In addition, we utilized the 2000 U.S. Census. Changes in interference caused by proposed WGGS-DT to other pertinent stations are tabulated in Exhibit D-2.

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

A Longley-Rice interference study also reveals that the proposed WGGS-DT facility does 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.

EXHIBIT D-2

INTERFERENCE STUDY SUMMARY*

PROPOSED WGGS-DT

CHANNEL 16 – GREENVILLE, SOUTH CAROLINA

<u>Call Sign</u>	<u>City, State</u>	<u>CH.</u>	<u>Coverage Population</u>	<u>Interference Population From WGGS-DT**</u>	<u>%</u>
WGXA-DT Allotment	Macon, GA	16	680,993	2,052	0.3
WNSC-DT BLEDT-20060111AAK	Rock Hill, SC	15	1,608,932	3,613	0.2
WUNE-DT Allotment	Linville, NC	17	1,158,180	5,252	0.4
WELF-DT Allotment	Dalton, GA	16	1,181,413	3,580	0.3
WBEC-CA BLTTL-20001215AAV	Augusta, GA	16	219,722	0	0
WPDE-DT BPCDT-20080317AHU	Florence, SC	16	1,574,658	3,950	0.3
WKHA-DT BLEDT-20020205AAV	Hazard, KY	16	399,493	456	0.1

*NOTE – interference study utilizes 1.0 km cell size and 0.1 km increment spacing

**Above that caused by WGGS-DT as allotted

EXHIBIT E

POWER DENSITY CALCULATION
PROPOSED WGS-DT
CHANNEL 16 – GREENVILLE, SOUTH 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 Greenville facility. Employing the methods set forth in *OET Bulletin No. 65* and considering a main-lobe effective radiated power of 900 kw, an antenna radiation center 51 meters above ground, and the elevation pattern of the Bogner antenna, maximum power density two meters above ground of 0.044 mw/cm² is calculated to occur 6 meters southeast of the base of the tower. Since this is only 13.8 percent of the 0.32 mw/cm² reference for uncontrolled environments (areas with public access) surrounding a facility operating on Channel 16 (482-488 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.

CONTOUR POPULATION
48 DBU : 1,685,938
41 DBU : 1,968,009

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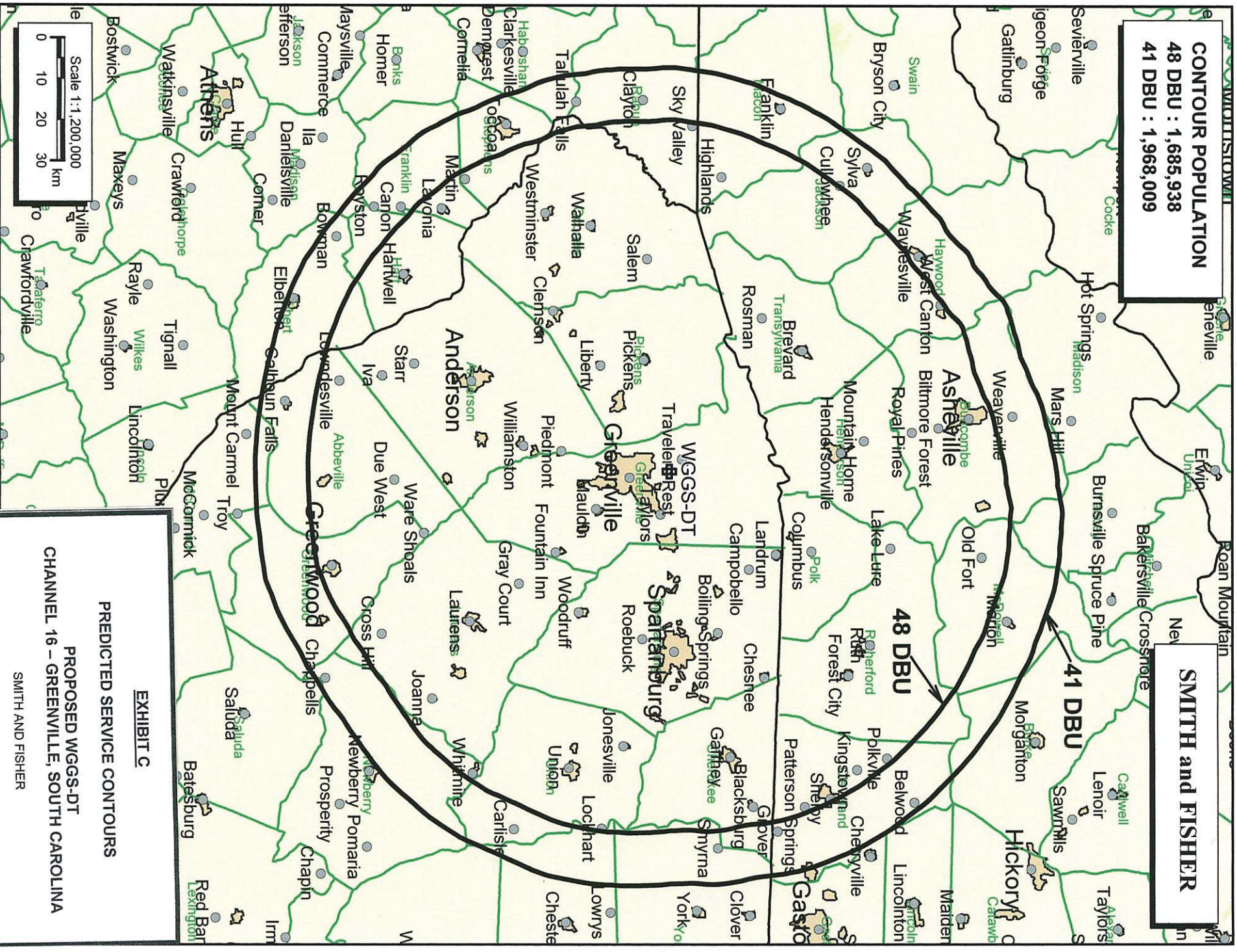


EXHIBIT C
PREDICTED SERVICE CONTOURS
PROPOSED WGS-DT
CHANNEL 16 – GREENVILLE, SOUTH CAROLINA
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