EXHIBIT A

ENGINEERING STATEMENT

The engineering data contained herein have been prepared on behalf of FOX TELEVISION STATIONS, INC., licensee of WUTB-DT, Channel 41 in Baltimore, Maryland, in support of this amendment to its pending Application for Construction Permit (BPCDT-20080619AJG) to operate with a maximized post-transition DTV facility. It is proposed herein to reduce the effective radiated power from 310 kw to 290 kw in order to eliminate an interference issue with WVIA-DT in Scranton, Pennsylvania. No change in site location, antenna make/model or antenna height is proposed.

Exhibit B provides elevation and contour pattern data for the existing antenna. Exhibit C is a map upon which the revised 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 utilized a cell size of 1.0 kilometer and an increment spacing of 0.1 kilometer. 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 WUTB-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. The Commission issued Antenna Structure Registration Number 1036304 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.

KEVIN T. FISHER

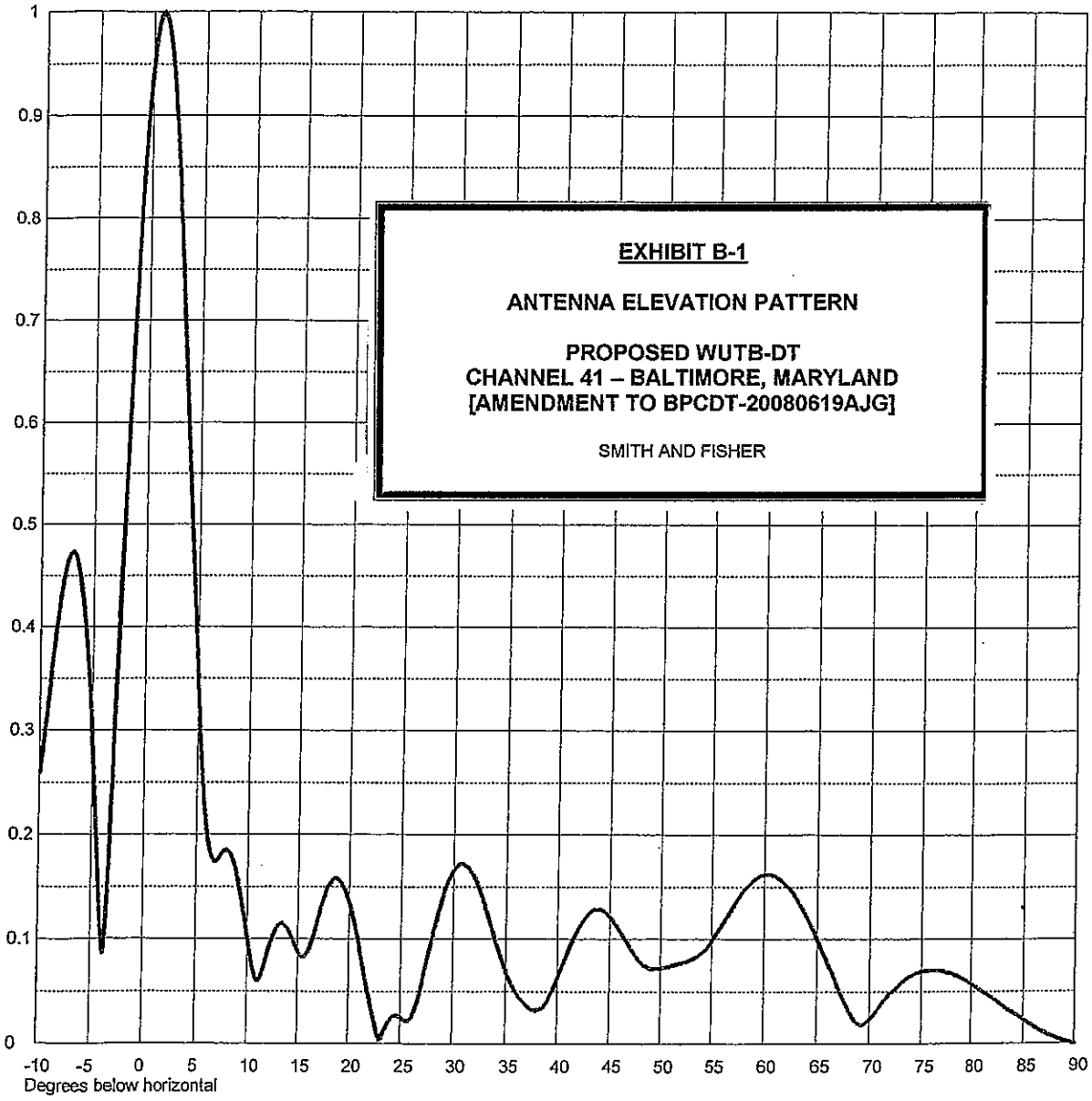
August 20, 2008

Dielectric

Date	04 Jun 2004		
Call Letters	WUTB-DT	Channel	41
Location	Baltimore, MD		
Customer			
Antenna Type	TFU-10DSC-R C170		

ELEVATION PATTERN

RMS Gain at Main Lobe	9.5 (9.78 dB)	Beam Tilt	1.00 Degrees
RMS Gain at Horizontal	8.4 (9.24 dB)	Frequency	635.00 MHz
Calculated / Measured	Calculated	Drawing #	10Q095100-90

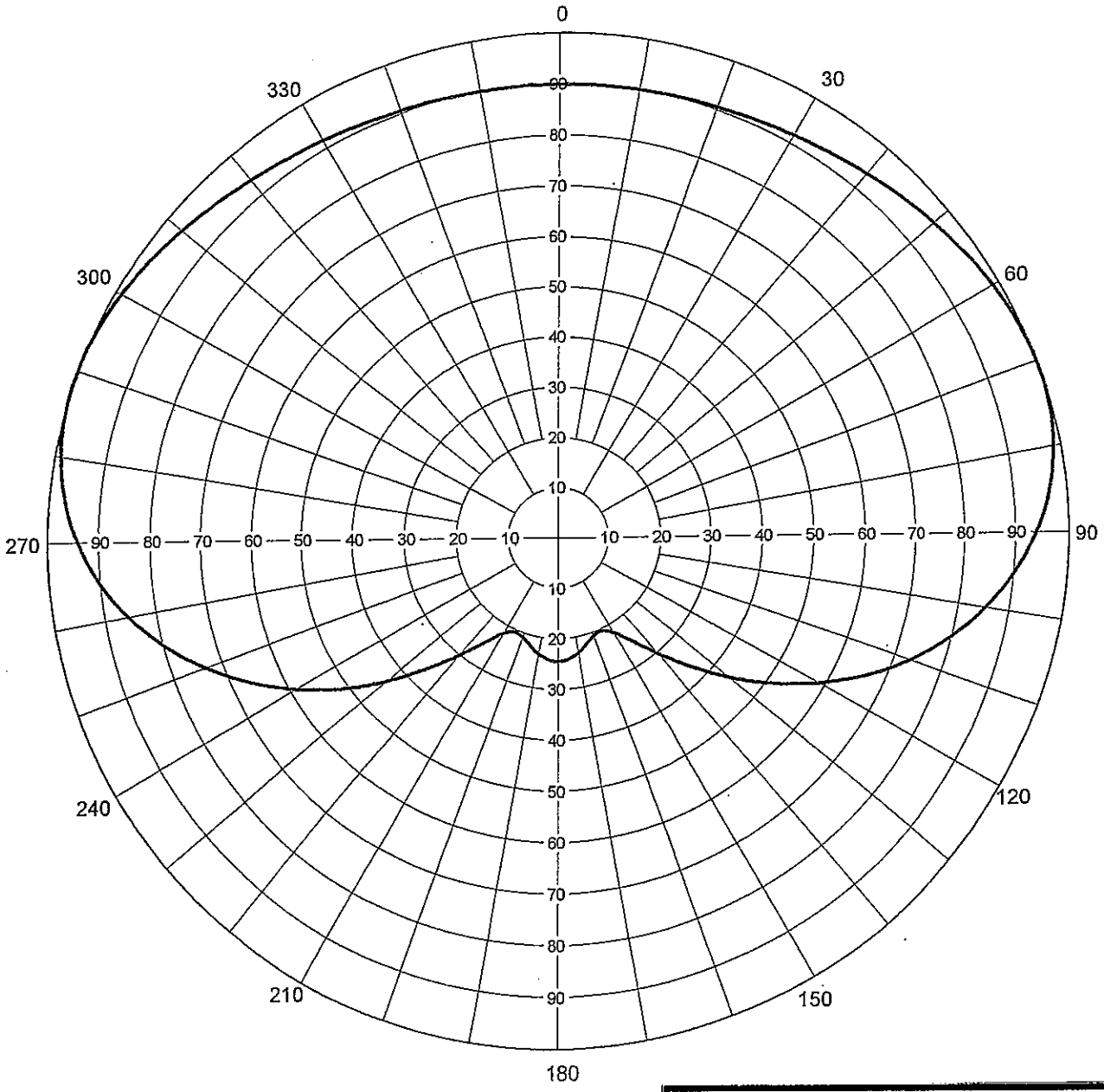


Remarks:

Dielectric

AZIMUTH PATTERN

RMS Gain at Main Lobe	1.70 (2.30 dB)	Frequency	635 MHz
Calculated / Measured	**Calculated**	Drawing #	TFU-C170



Remarks:

EXHIBIT B-2

ANTENNA AZIMUTH PATTERN

PROPOSED WUTB-DT
CHANNEL 41 – BALTIMORE, MARYLAND
[AMENDMENT TO BPCDT-20080619AJG]

SMITH AND FISHER

EXHIBIT B-3

ANTENNA AZIMUTH PATTERN DATA

PROPOSED WUTB-DT
CHANNEL 41 – BALTIMORE, MARYLAND
[AMENDMENT TO BPCDT-20080619AJG]

Azimuth (° T)	Relative Field	ERP (dbk)	Azimuth (° T)	Relative Field	ERP (dbk)
0	0.899	23.7	180	0.245	12.4
10	0.900	23.7	190	0.232	11.9
20	0.905	23.7	200	0.207	10.9
30	0.917	23.8	210	0.218	11.4
40	0.936	24.0	220	0.302	14.2
50	0.963	24.3	230	0.437	17.4
60	0.988	24.5	240	0.588	20.0
70	1.000	24.6	250	0.733	21.9
80	0.987	24.5	260	0.854	23.2
90	0.940	24.1	270	0.940	24.1
100	0.854	23.2	280	0.987	24.5
110	0.733	21.9	290	1.000	24.6
120	0.588	20.0	300	0.988	24.5
130	0.437	17.4	310	0.963	24.3
140	0.302	14.2	320	0.936	24.0
150	0.218	11.4	330	0.917	23.8
160	0.207	10.9	340	0.905	23.7
170	0.232	11.9	350	0.900	23.7

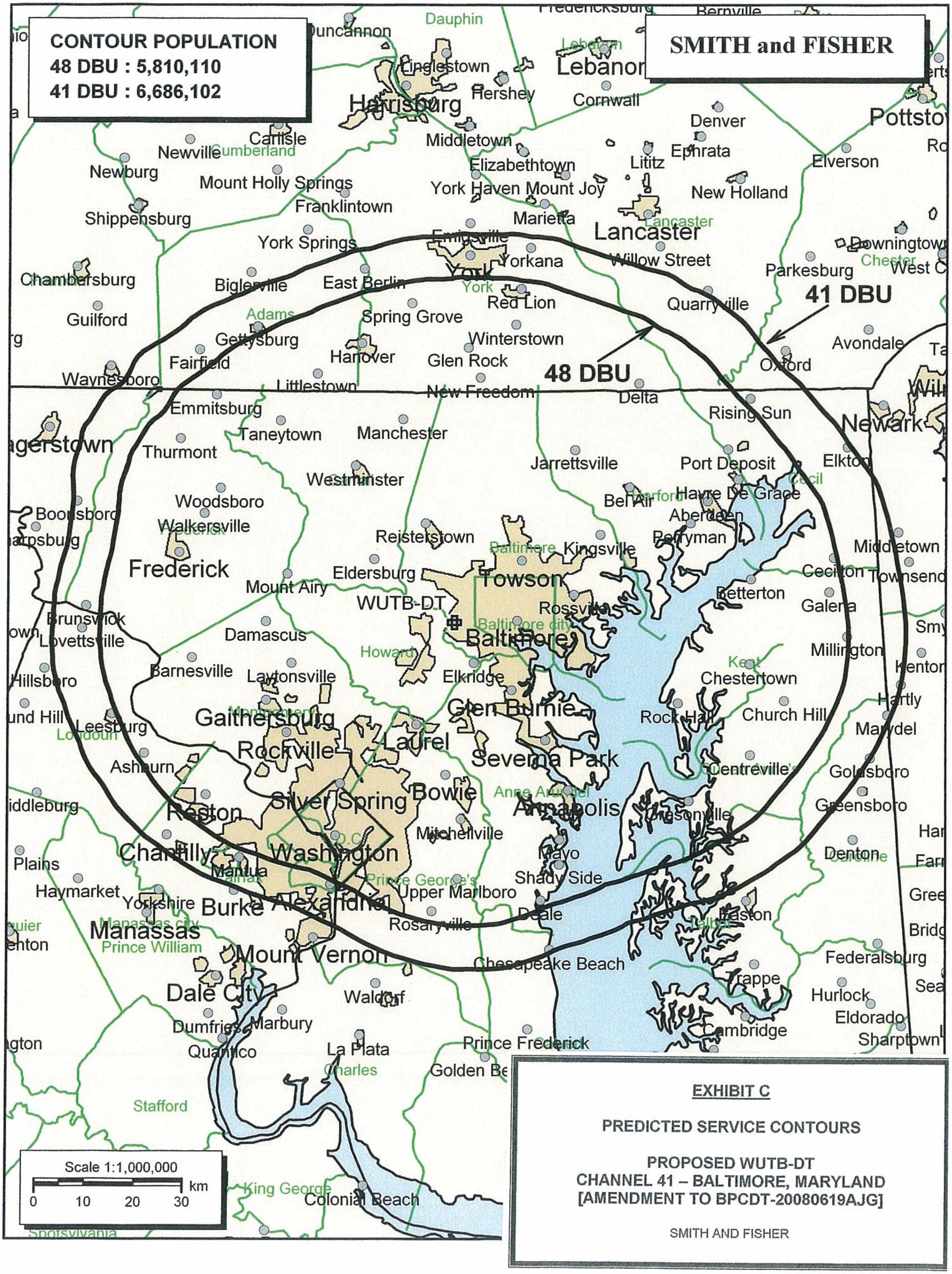


EXHIBIT C

PREDICTED SERVICE CONTOURS

PROPOSED WUTB-DT
CHANNEL 41 – BALTIMORE, MARYLAND
[AMENDMENT TO BPCDT-20080619AJG]

SMITH AND FISHER

EXHIBIT D-1

INTERFERENCE STUDY

PROPOSED WUTB-DT
CHANNEL 41 – BALTIMORE, MARYLAND
[AMENDMENT TO BPCDT-20080619AJG]

The instant application specifies an ERP of 290 kw (directional) at 290 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 kilometer 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 WUTB-DT to other pertinent stations are tabulated in Exhibit D-2.

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

A Longley-Rice interference study also reveals that the proposed WUTB-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 WUTB-DT
CHANNEL 41 – BALTIMORE, MARYLAND
[AMENDMENT TO BPCDT-20080619AJG]

Call Sign	City, State	CH.	Coverage Population	Interference Population From WUTB-DT*	%
WMPT-DT	Annapolis, MD	42	6,709,635	4,554	<0.1
WNUV-DT	Baltimore, MD	40	7,795,898	55	<0.1
WTXF-DT	Philadelphia, PA	42	8,257,881	0	0
WVIA-DT	Scranton, PA	41	1,953,692	4,768	0.24

*Above that caused by the allotment facility.

Note: This study utilized a cell size of 1.0 km and an increment spacing of 0.1 km.

EXHIBIT E

POWER DENSITY CALCULATION

PROPOSED WUTB-DT
CHANNEL 41 – BALTIMORE, MARYLAND
[AMENDMENT TO BPCDT-20080619AJG]

Since the FCC considers the possible biological effects of RF transmissions in its environmental determinations, we have studied the matter with respect to this Baltimore facility. Employing the methods set forth in *OET Bulletin No. 65* and considering a main-lobe effective radiated power of 290 kw, an antenna radiation center 259 meters above ground, and the elevation pattern of the Andrew antenna, maximum power density two meters above ground of 0.0015 mw/cm^2 is calculated to occur 27 meters north of the base of the tower. Since this is only 0.4 percent of the 0.42 mw/cm^2 reference for uncontrolled environments (areas with public access) surrounding a facility operating on Channel 41 (632-638 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.