

EXHIBIT A

ENGINEERING STATEMENT

The engineering data contained herein have been prepared on behalf of TRINITY BROADCASTING NETWORK, licensee of WPGD-DT, Channel 51 in Hendersonville, Tennessee, in support of this Application for Construction Permit to correct site coordinates, ground elevation, overall tower height, as well as antenna height above mean sea level and above average terrain. This application results from the tower owner's submission of a revised FCC Antenna Structure Registration record for the tower on which the WPGD-DT antenna is mounted.

Exhibit B provides directional antenna pattern data, and operating parameters for the licensed facility are tabulated in Exhibit C. Exhibit D is a map upon which the revised predicted service contours are plotted. As shown, the city of license is completely contained within the proposed 48 dBu service contour. Since the revised 41 dBu contour is completely contained within that licensed to WPGD-DT, this application meets the terms of the current Commission freeze on the filing of DTV modification applications. For the same reason, no interference study is being provided. A power density calculation appears in Exhibit E.

Since no change in the overall height or location of the existing tower is proposed herein, the FAA has not been notified of this application. The FCC issued revised Antenna Structure Registration Number 1233975 to this tower.

I declare under penalty of perjury that the foregoing statements and the attached Engineering Report, which was prepared by me or under my immediate supervision, are true and correct to the best of my knowledge and belief.

KEVIN T. FISHER

February 25, 2008

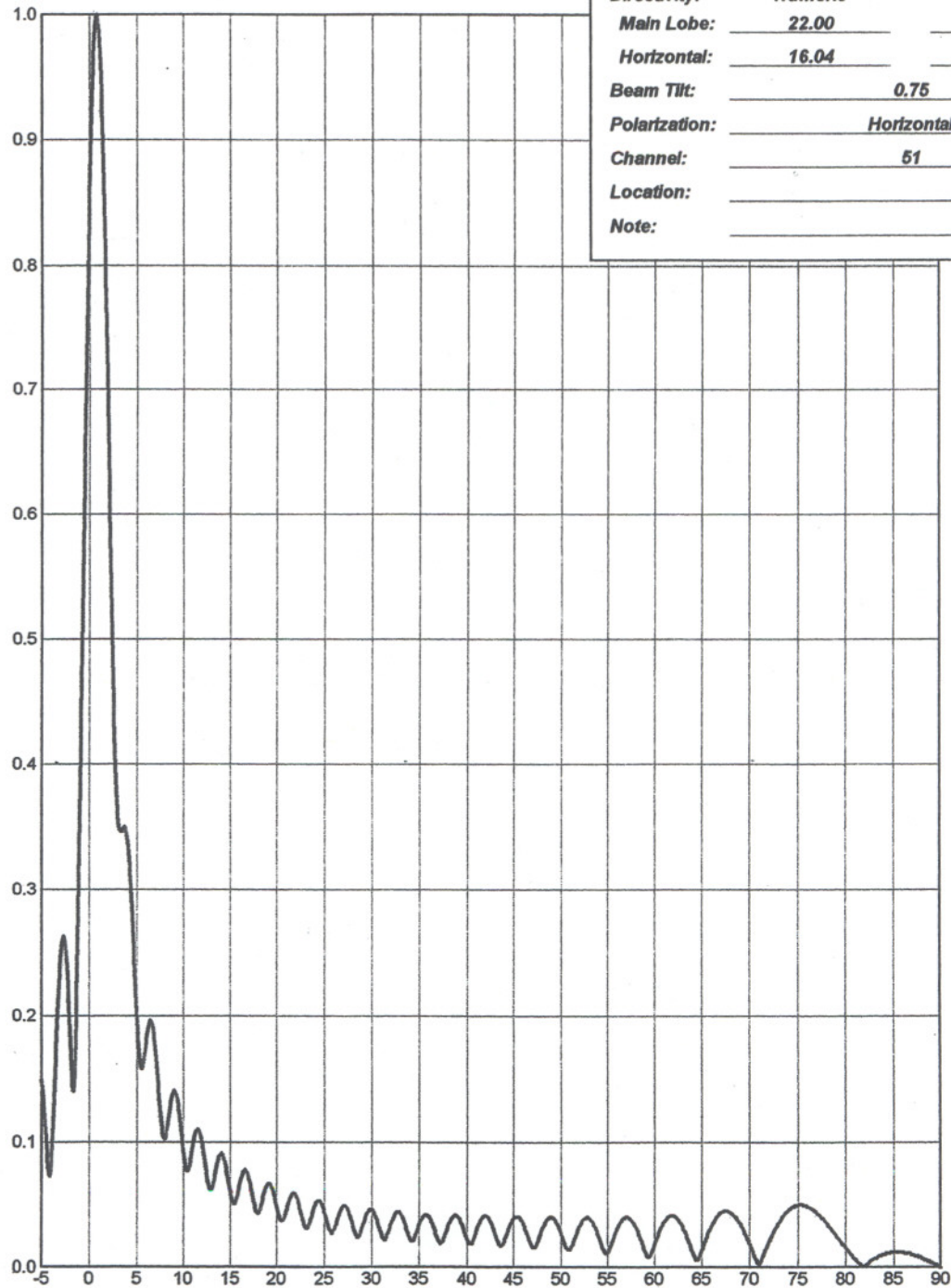


ANDREW.

ELEVATION PATTERN

Type:	ATL22H3H	
Directivity:	Numeric	dBd
Main Lobe:	22.00	13.42
Horizontal:	16.04	12.05
Beam Tilt:	0.75	
Polarization:	Horizontal	
Channel:	51	
Location:		
Note:		

Relative Field



ANDREW CORPORATION
10500 W. 153rd Street
Orland Park, Illinois U.S.A 60462

EXHIBIT B-1

ANTENNA ELEVATION PATTERN

**PROPOSED WPGD-DT
CHANNEL 51 - HENDERSONVILLE, TENNESSEE**

SMITH AND FISHER

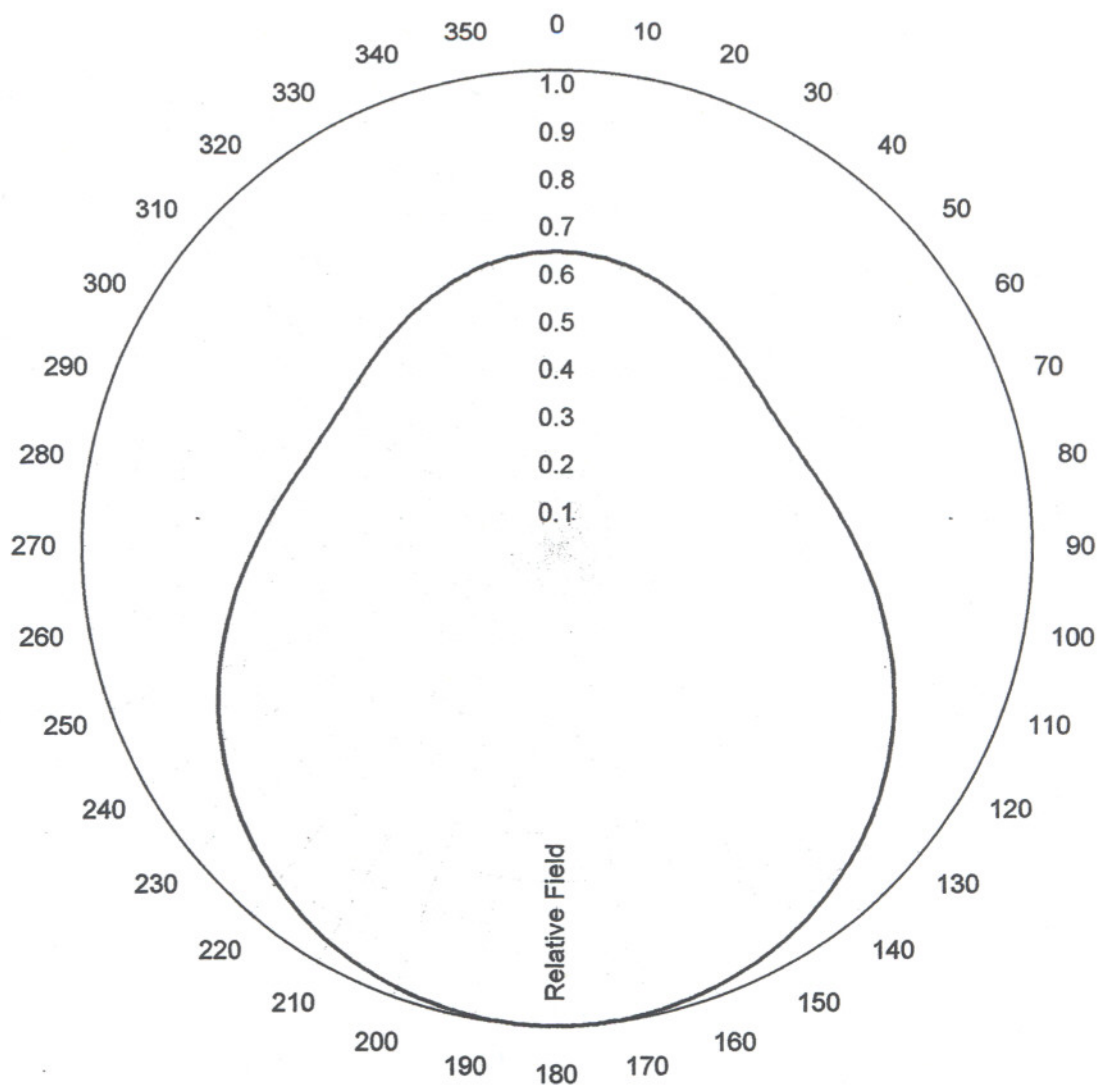


ANDREW.

AZIMUTH PATTERN

Type: ATL-S

	Numeric	dBd
Directivity:	1.83	2.62
Peak(s) at:		
Polarization:	Horizontal	
Channel:	51	
Location:		
Note:		



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EXHIBIT B-2

ANTENNA AZIMUTH PATTERN

**PROPOSED WPGD-DT
CHANNEL 51 - HENDERSONVILLE, TENNESSEE**

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AZIMUTH PATTERN
FCC FILING FORMAT

Type: ATL-S

Polarization: Horizontal

Angle	Field	ERP (kW)	ERP (dBk)
0	0.619	100.976	20.042
10	0.614	99.352	19.972
20	0.599	94.557	19.757
30	0.578	88.043	19.447
40	0.556	81.468	19.110
50	0.539	76.562	18.840
60	0.536	75.713	18.792
70	0.550	79.719	19.016
80	0.583	89.573	19.522
90	0.632	105.262	20.223
100	0.691	125.833	20.998
110	0.753	149.427	21.744
120	0.813	174.188	22.410
130	0.868	198.554	22.979
140	0.915	220.638	23.437
150	0.952	238.843	23.781
160	0.979	252.583	24.024
170	0.995	260.906	24.165
180	1.000	263.535	24.208
190	0.995	260.906	24.165
200	0.979	252.583	24.024
210	0.952	238.843	23.781
220	0.915	220.638	23.437
230	0.868	198.554	22.979
240	0.813	174.188	22.410
250	0.753	149.427	21.744
260	0.691	125.833	20.998
270	0.632	105.262	20.223
280	0.583	89.573	19.522
290	0.550	79.719	19.016
300	0.536	75.713	18.792
310	0.539	76.562	18.840
320	0.556	81.468	19.110
330	0.578	88.043	19.447
340	0.599	94.557	19.757
350	0.614	99.352	19.972



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EXHIBIT B-3

RELATIVE FIELD VALUES

PROPOSED WPGD-DT
CHANNEL 51 - HENDERSONVILLE, TENNESSEE

SMITH AND FISHER

EXHIBIT C

PROPOSED OPERATING PARAMETERS

PROPOSED WPGD-DT
CHANNEL 51 – HENDERSONVILLE, TENNESSEE

Transmitter Power Output:	10.0 kw
Transmission Line Efficiency:	65.5%
Antenna Power Gain – Toward Horizon:	29.37
Antenna Power Gain – Main Lobe:	40.26
Effective Radiated Power – Toward Horizon:	192 kw
Effective Radiated Power – Main Lobe:	264 kw
Transmitter Make and Model:	Type-accepted
Rated Output	10.0 kw
Transmission Line Make and Model:	Andrew MACX650
Size and Type:	6-1/8" rigid
Length:	1,400 feet
Antenna Make and Model:	Andrew ATL22H3-HSS-51
Orientation	180 degrees true
Beam Tilt	0.75 degrees
Radiation Center Above Ground:	364 meters
Radiation Center Above Mean Sea Level:	596 meters

CONTOUR POPULATION
48 DBU : 1,576,190
41 DBU : 1,751,122

SMITH and FISHER

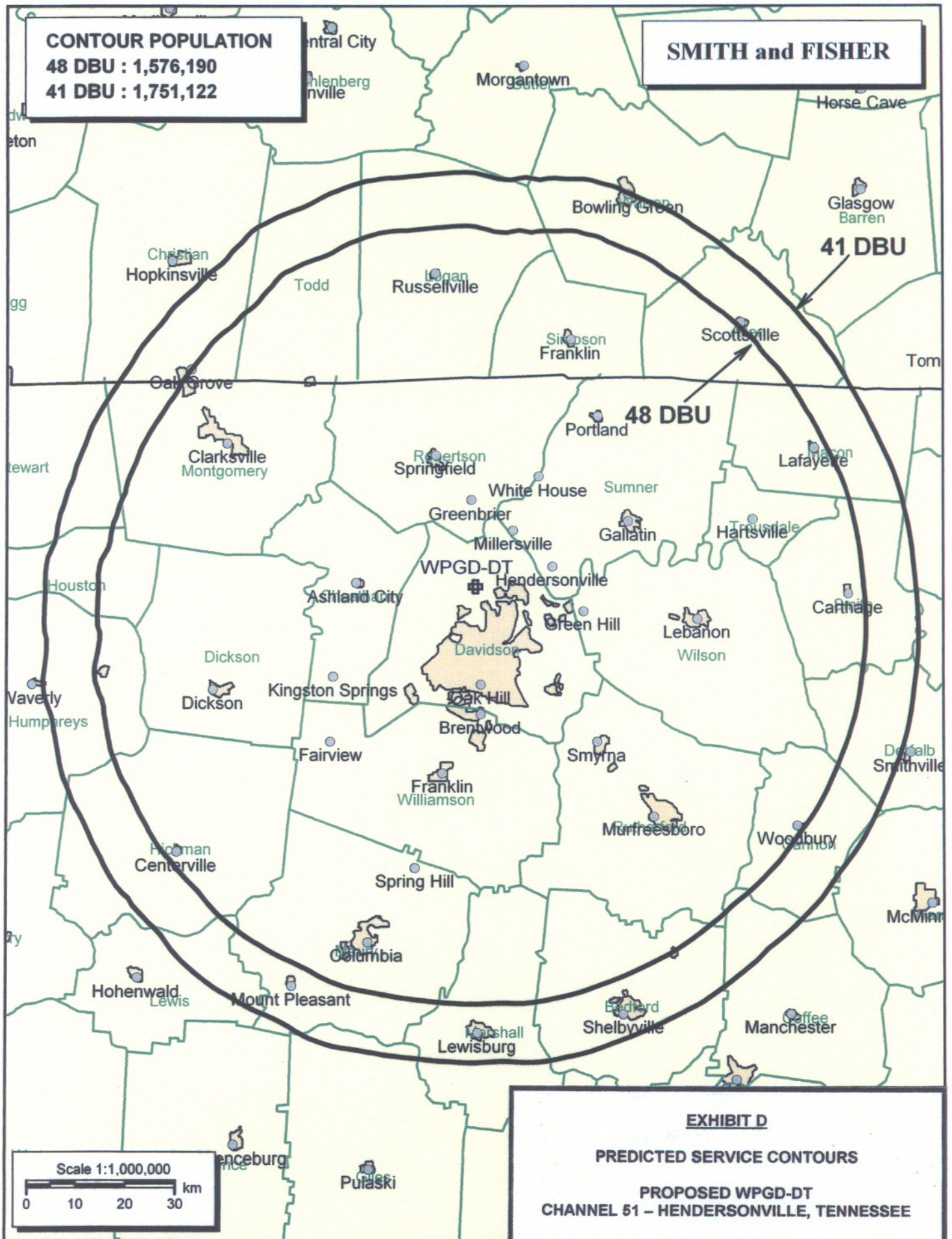


EXHIBIT E

POWER DENSITY CALCULATION

PROPOSED WPGD-DT
CHANNEL 51 – HENDERSONVILLE, TENNESSEE

Since the FCC considers the possible biological effects of RF transmissions in its environmental determinations, we have studied the matter with respect to this Hendersonville facility. Employing the methods set forth in *OET Bulletin No. 65* and considering a main-lobe effective radiated power of 264 kw, an effective antenna height of 364 meters above ground, and the vertical pattern of the Andrew antenna, maximum power density two meters above ground of 0.00015 mw/cm^2 is calculated to occur 97 meters south of the base of the tower. Since this is less than 0.1 percent of the 0.46 mw/cm^2 reference for uncontrolled environments (areas with public access) surrounding a facility operating on Channel 51 (692-698 MHz), a grant of this proposal may be considered a minor environmental action with respect to public 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.