

EXHIBIT A

ENGINEERING STATEMENT

The engineering data contained herein have been prepared on behalf of TRINITY BROADCASTING NETWORK, licensee of WMCF-DT, Channel 46 in Montgomery, Alabama, in support of its application for modification of Construction Permit BPCDT-20080616ADZ, a maximization authorization. It is proposed herein to specify the same site, height, and antenna model as licensed in BLCDT-20060620ABX, but with a maximized effective radiated power of 851 kw.

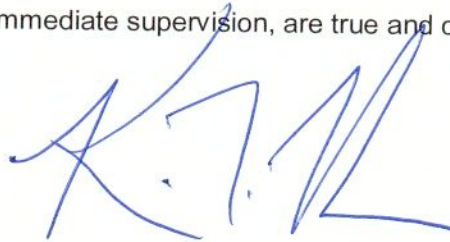
It is intended to utilize the presently licensed antenna, which is mounted at the 140-meter level of an existing 183-meter communications tower. Exhibit B provides an antenna elevation pattern for that antenna. A tabulation of proposed operating parameters can be found in Exhibit C. Exhibit D is a map 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 provided in Exhibit E and it is important to note that it utilizes a cell size of 1.0 kilometer and an increment spacing of 0.1 kilometer. A power density calculation is provided in Exhibit F.

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 WMCF-DT site. However, if such should occur, the owner of WMCF-DT recognizes its obligation to take whatever corrective actions are necessary.

EXHIBIT A

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. In addition, the FCC issued Antenna Structure Registration Number 1042483 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.

A handwritten signature in blue ink, appearing to read 'K. T. Fisher', is written over the text of the declaration.

KEVIN T. FISHER

March 12, 2009

ELEVATION PATTERN

TYPE:	ATL20H3H	
Directivity:	Numeric	dBd
Main Lobe:	20.00	13.01
Horizontal:	15.66	11.95
Beam Tilt:	0.75	
Polarization:	Horizontal	
Frequency:	46 (Digital)	
Location:	Montgomery, AL	

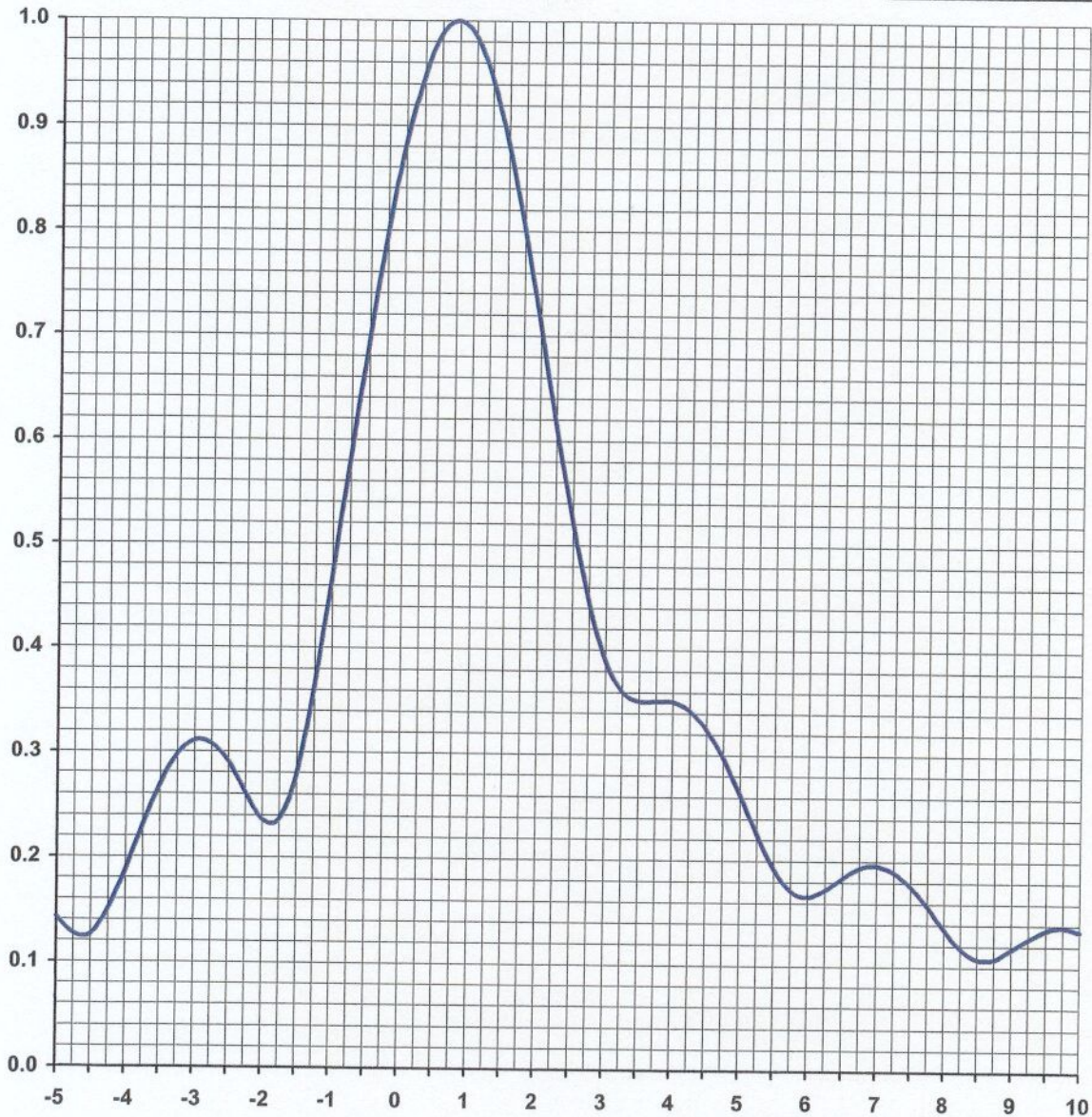


EXHIBIT B

ANTENNA ELEVATION PATTERN

PROPOSED WMCF-DT
CHANNEL 46 – MONTGOMERY, ALABAMA
[MODIFICATION OF BPCDT-20080616ADZ]

SMITH AND FISHER

EXHIBIT C

PROPOSED OPERATING PARAMETERS

PROPOSED WMCF-DT
CHANNEL 46 – MONTGOMERY, ALABAMA
[MODIFICATION OF BPCDT-20080616ADZ]

Transmitter Power Output:	31.0 kw
Transmission Line Efficiency:	80.6%*
Antenna Power Gain – Main Lobe:	34.0
Effective Radiated Power – Main Lobe:	851 kw

Transmitter Make and Model:	Type-accepted
Rated Output	20 kw

Antenna:

Make and Model:	ERI ATW20H3-HSOX-46
Orientation	Omnidirectional
Beam Tilt	0.75 degrees
Antenna Radiation Center Above Ground:	140 meters
Antenna Radiation Center Above Mean Sea Level:	196 meters

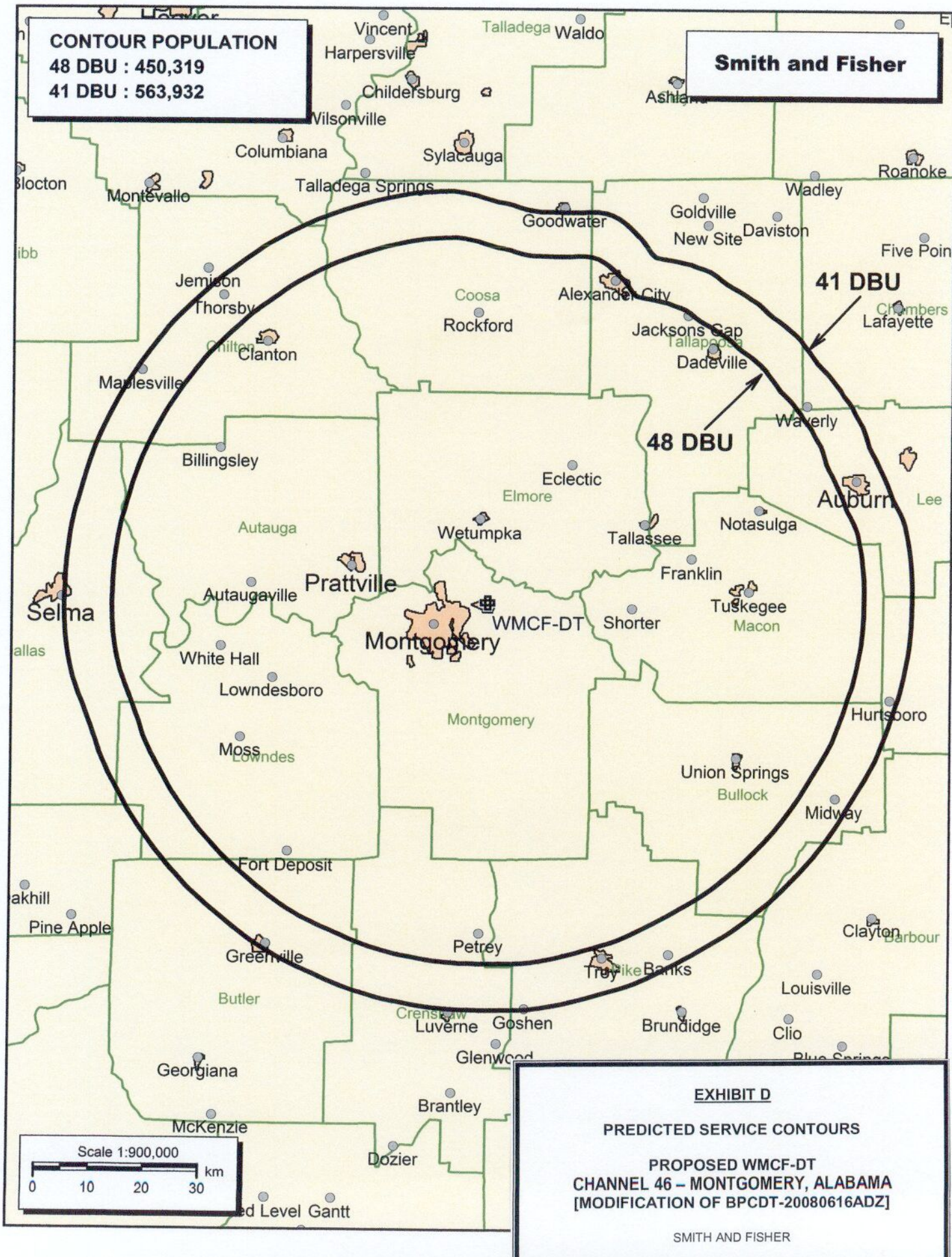
*from WMCF-DT license application

CONTOUR POPULATION

48 DBU : 450,319

41 DBU : 563,932

Smith and Fisher



INTERFERENCE STUDY
PROPOSED WMCF-DT
CHANNEL 46 – MONTGOMERY, ALABAMA
[MODIFICATION OF BPCDT-20080616ADZ]

The instant application specifies an ERP of 851 kw (omnidirectional) at 130 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 June 12, 2009, the date by which all stations must operate with the parameters 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 "SUNDTV" computer program, which mimics 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. The results of that study are provided in Exhibit E-2.

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

The same interference study also reveals that the proposed WMCF-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.

WMCB-DT_summary.txt

Summary Study

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 03-12-2009 Time: 10:02:22

Record Selected for Analysis

WMCB-DT USERRECORD-01 MONTGOMERY AL US
 Channel 46 ERP 851.0 kw HAAT 130.0 m RCAMSL 00196 m
 Latitude 032-24-13 Longitude 0086-11-49
 Status APP Zone 3 Border
 Dir Antenna Make usr Model USRPAT01 Beam tilt N Ref Azimuth 0.
 Last update Cutoff date Docket

Cell Size for Service Analysis 1.0 km/side

Distance Increments for Longley-Rice Analysis 0.10 km

Facility meets maximum height/power limits

Azimuth (Deg)	ERP (kw)	HAAT (m)	41.0 dBu F(50,90) (km)
0.0	851.000	115.8	75.1
45.0	851.000	113.3	74.8
90.0	851.000	146.2	77.8
135.0	851.000	125.6	76.0
180.0	851.000	127.3	76.2
225.0	851.000	128.0	76.2
270.0	851.000	141.5	77.4
315.0	851.000	145.9	77.8

Evaluation toward Class A Stations

No Spacing violations or contour overlap to Class A stations

Class A Evaluation Complete

SPACING VIOLATION FOUND BETWEEN STATION

WMCB-DT 46 MONTGOMERY AL USERRECORD01

and station

SHORT TO: WMCB 32 MONTGOMERY
 032-08-30 0086-44-42

AL BLCT 20020131ACG

Req. separation => 24.1 <= 96.6 Actual separation 59.2 Short 37.4(35.1) km

SHORT TO: WMCB-DT 46 MONTGOMERY
 32-24-11 86-11-48

AL DTVPLN DTVP1316

WCMF_DT_summary.txt
 Req. separation 223.7 Actual separation 0.1 Short 223.6 km

SHORT TO: WGCL-TV 46 ATLANTA GA BLCT 2619
 033-48-27 0084-20-26
 Req. separation 244.6 Actual separation 233.0 Short 11.6 km

LANDMOBILE SPACING VIOLATIONS FOUND

NONE

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quite zone

Proposed facility OK toward Table Mountain

Proposed facility is beyond the Canadian coordination distance

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

Channel	Call	Proposed Station City/State	ARN
46	WCMF-DT	MONTGOMERY AL	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
32	WNCF	MONTGOMERY AL	59.2	LIC	BLCT	-20020131ACG
38	WBMG-LP	MOODY AL	131.6	LIC	BLTTL	-19970804JG
42	WIAT	BIRMINGHAM AL	132.8	LIC	BLCT	-19961001UP
45	WPXH	GADSDEN AL	167.3	LIC	BLC DT	-20020510AAL
45	WNAL-DT	GADSDEN AL	172.5	PLN	DTVPLN	-DTVP1288
46	WHNT-DR	HUNTSVILLE AL	261.4	APP	BPRM	-20080619ALW
46	WGCL-TV	ATLANTA GA	232.9	LIC	BLCT	-2619
46	WCTV-DR	THOMASVILLE GA	287.7	LIC	BPRM	-20000328AAL
46	WCTV	THOMASVILLE GA	287.7	LIC	BLC DT	-20050815AAA
46	NEW	WIGGINS MS	350.2	LIC	BPRM	-20020308ABU
46	960920LV	WIGGINS MS	331.7	APP	BPCT	-19960920LV
46	WDCN-DT	NASHVILLE TN	409.1	PLN	DTVPLN	-DTVP1341
47	W49AY	BIRMINGHAM AL	133.0	CP	BDISTTA	-20080804AEG
47	W49AY	BIRMINGHAM AL	133.0	APP	BSTA	-20051101ABI
47	WOIL-LP	TALLADEGA AL	112.0	LIC	BLTTL	-19950531IR
47	WTVM	COLUMBUS GA	133.4	LIC	BLC DT	-20071015AJF
47	WTVM-DT	COLUMBUS GA	133.4	PLN	DTVPLN	-DTVP1357
49	W49AY	BIRMINGHAM AL	133.0	LIC	BLTTL	-19920218JN
54	WXTX	COLUMBUS GA	123.8	LIC	BLCT	-19941207KE

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study of this proposal found the following interference problem(s):

NONE.

EXHIBIT F

POWER DENSITY CALCULATION

PROPOSED WMCF-DT
CHANNEL 46 – MONTGOMERY, ALABAMA
[MODIFICATION OF BPCDT-20080616ADZ]

Since the FCC considers the possible biological effects of RF transmissions in its environmental determinations, we have studied the matter with respect to this Montgomery facility. Employing the methods set forth in *OET Bulletin No. 65* and considering a main-lobe effective radiated power of 851 kw, an antenna radiation center 140 meters above ground, and the elevation pattern of the ERI antenna, maximum power density two meters above ground of 0.0060 mw/cm^2 is calculated to occur 40 meters from the base of the tower. Since this is only 1.4 percent of the 0.44 mw/cm^2 reference for uncontrolled environments (areas with public access) surrounding a facility operating on Channel 46 (662-668 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.