

ENGINEERING STATEMENT

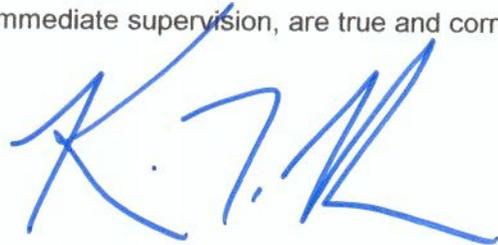
The engineering data contained herein have been prepared on behalf of TRINITY BROADCASTING NETWORK, permittee of WMCF-DT, Channel 46 in Montgomery, Alabama, in support of its application for modification of Construction Permit BPCDT-19991013ABR, to specify a slightly different site, a reduction in effective antenna height, and omnidirectional operation. No change in effective radiated power is proposed herein.

It is proposed to mount a standard ERI omnidirectional antenna at the 140-meter level of an existing 183-meter communications tower located adjacent to that authorized to WMCF-DT tower. Exhibit B provides antenna elevation pattern data. A list 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. It is also important to note that the proposed 41 dBu contour lies wholly within that authorized to WMCF-DT under BPCDT-19991013ABR. Therefore, this application meets the terms of the Commission's policy concerning the present freeze on the filing of DTV modification applications. In addition, and for the same reason, 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 at or near the new WMCF-DT site. However, if such should occur, the owner of WMCF-DT recognizes its obligation to take whatever corrective actions are necessary.

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

September 28, 2005

EXHIBIT B

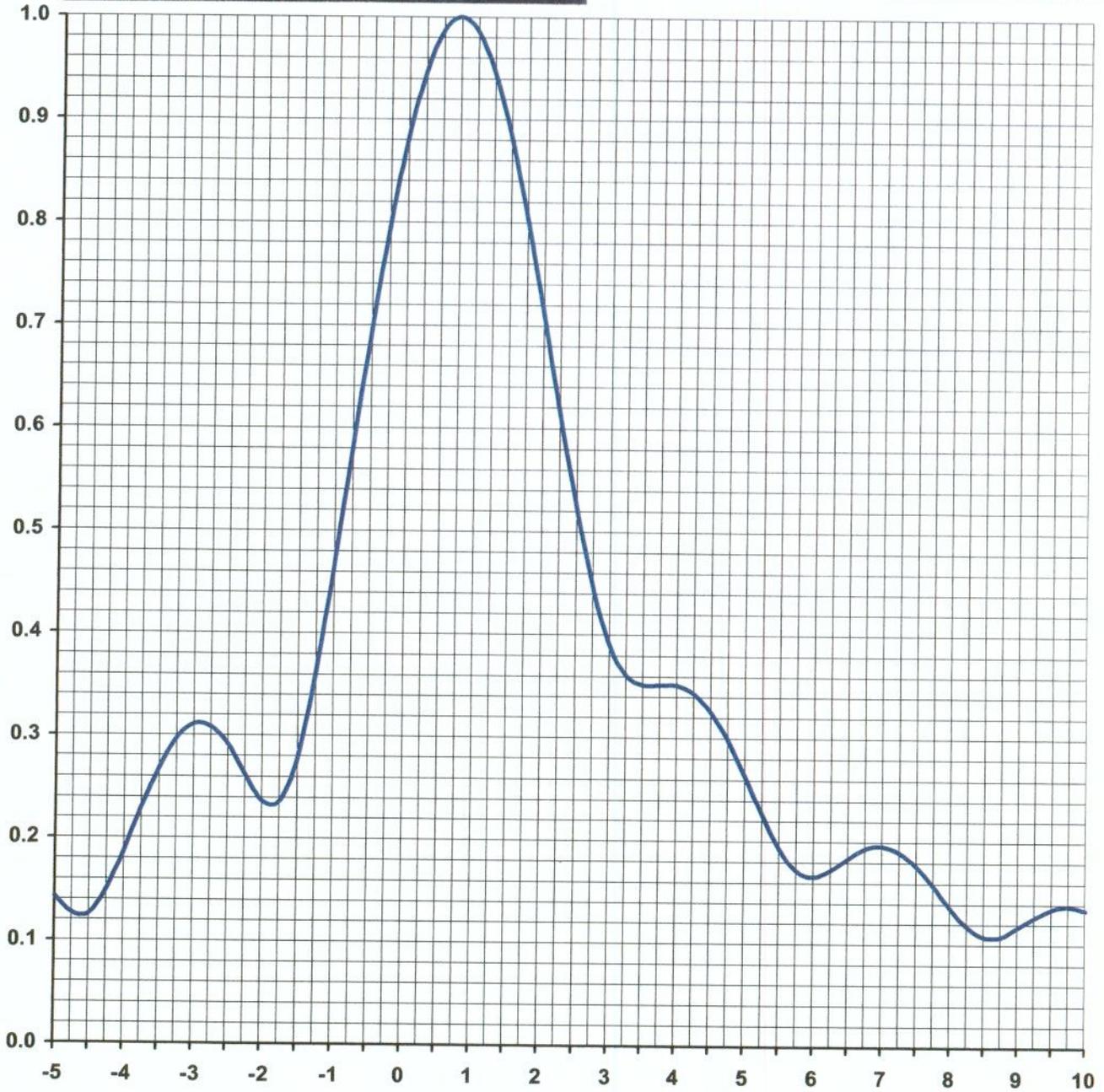
ANTENNA ELEVATION PATTERN

PROPOSED WMCB-DT
CHANNEL 46 - MONTGOMERY, ALABAMA
[MODIFICATION OF BPCDT-19991013ABR]

SMITH AND FISHER

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	



PROPOSED OPERATING PARAMETERS

PROPOSED WMCF-DT
CHANNEL 46 – MONTGOMERY, ALABAMA
[MODIFICATION OF BPCDT-19991013ABR]

Transmitter Power Output:	19.76 kw
Transmission Line Efficiency:	74.4%
Antenna Power Gain – Main Lobe:	34.0
Effective Radiated Power – Main Lobe:	500 kw
Transmitter Make and Model:	Type-accepted
Rated Output	20 kw
Transmission Line Make and Model:	Andrew MACX450
Size and Type:	4-1/16" rigid
Length:	660 feet
Antenna Make and Model:	ERI ALT20H3-HSOX-46
Orientation	Omnidirectional
Beam Tilt	0.75 degrees
Effective Height Above Ground:	140 meters
Effective Height Above Mean Sea Level:	196 meters

SMITH and FISHER

CONTOUR POPULATION
48 DBU : 431,408
41 DBU : 522,407

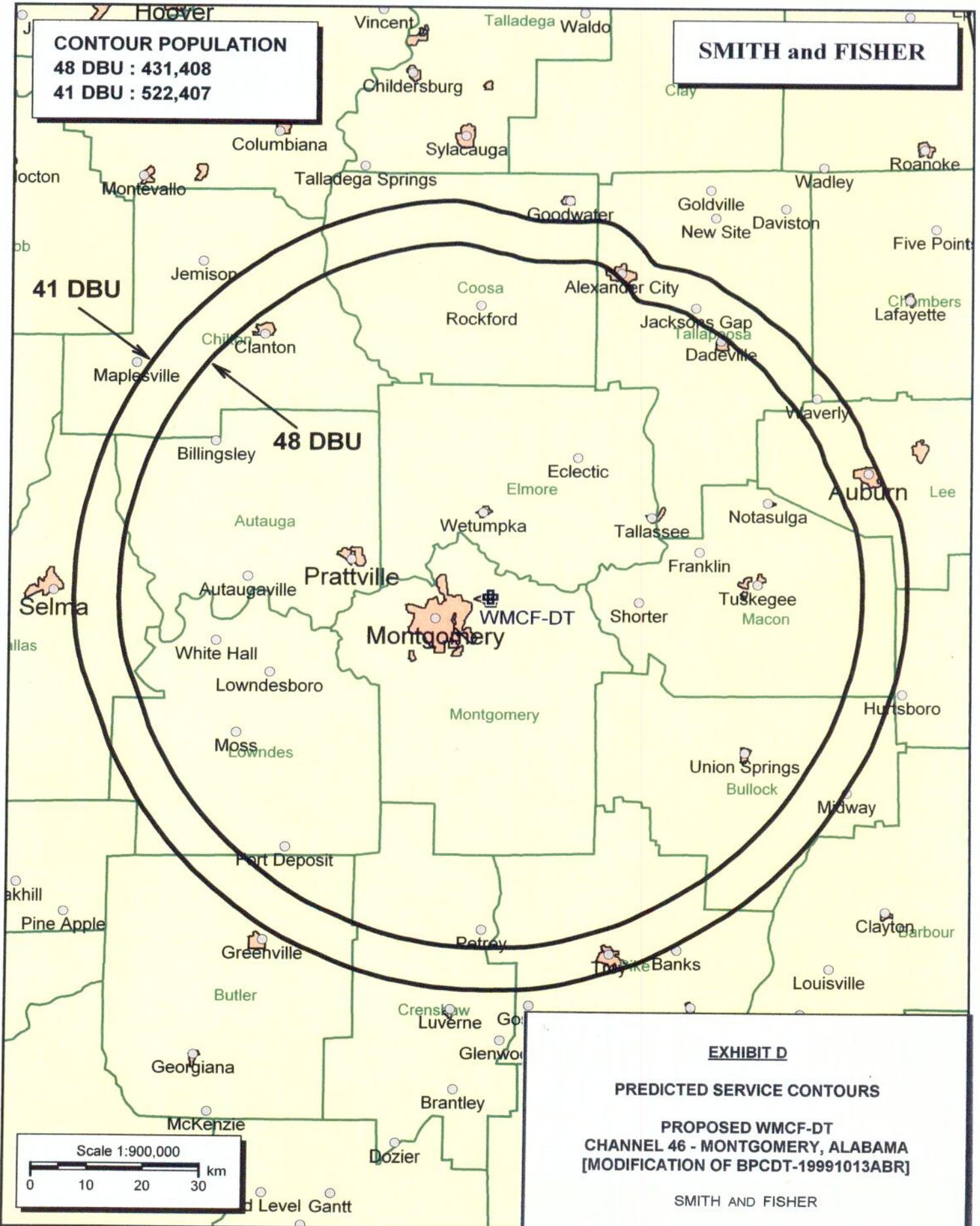


EXHIBIT D
PREDICTED SERVICE CONTOURS

PROPOSED WMCF-DT
CHANNEL 46 - MONTGOMERY, ALABAMA
[MODIFICATION OF BPCDT-19991013ABR]

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EXHIBIT E

POWER DENSITY CALCULATION
PROPOSED WMCF-DT
CHANNEL 46 – MONTGOMERY, ALABAMA
[MODIFICATION OF BPCDT-19991013ABR]

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 500 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 0.0035 mw/cm^2 is calculated to occur 40 meters from the base of the tower. Since this is only 0.8 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.