

EXHIBIT A

ENGINEERING STATEMENT

The engineering data contained herein have been prepared on behalf of JACKSONVILLE EDUCATORS BROADCASTING, INC., licensee of WJEB-DT, Channel 44 in Jacksonville, Florida, in support of its Application for Construction Permit to operate with a maximized post-transition DTV facility.

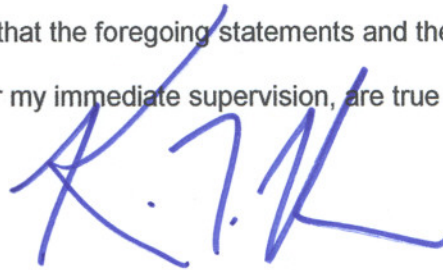
It is proposed to mount the existing Andrew directional antenna at the 284-meter level of the existing 323-meter tower on which the antenna is presently mounted. Exhibit B provides antenna azimuth and elevation pattern data, and proposed operating parameters are tabulated in Exhibit C. Exhibit D is a 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 included as Exhibit E, and 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 WJEB-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. In addition, the FCC issued Antenna Structure Registration Number 1020783 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.

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

KEVIN T. FISHER

June 4, 2008

EXHIBIT B-1

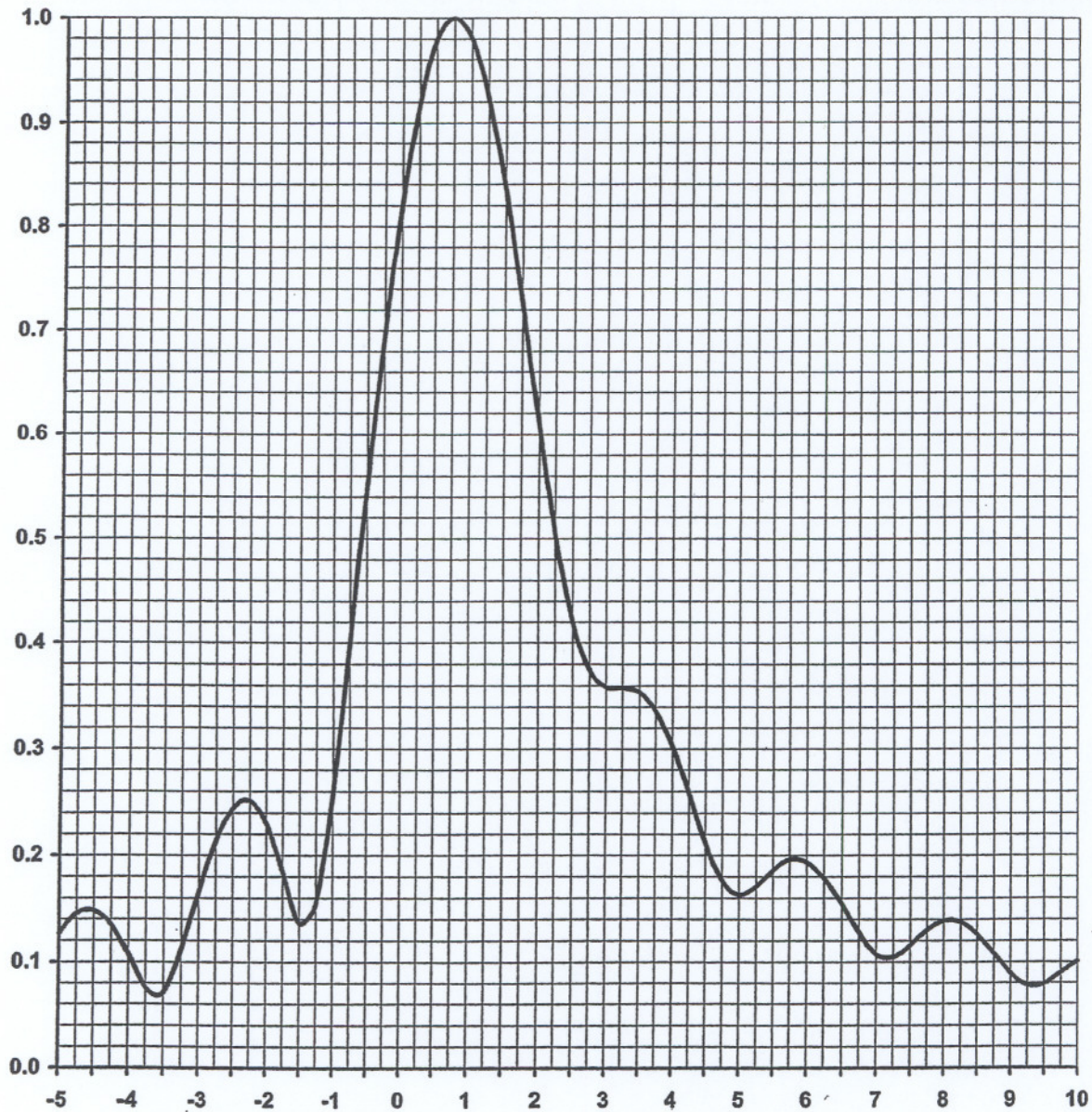
ANTENNA ELEVATION PATTERN

**PROPOSED WJEB-DT
CHANNEL 44 - JACKSONVILLE, FLORIDA**

SMITH AND FISHER

ELEVATION PATTERN

TYPE:	ATW25H3H	
Directivity:	Numeric	dBd
Main Lobe:	25.00	13.98
Horizontal:	16.85	12.27
Beam Tilt:	0.75	
Polarization:	Horizontal	
Frequency:	44 (Digital)	
Location:	Jacksonville, FL	



AZIMUTH PATTERN

TYPE:	ATW-C1	
	Numeric	dB
Directivity:	1.52	1.82
Peak(s) at:		
Polarization:	Horizontal	
Frequency:	44 (Digital)	
Location:	Jacksonville, FL	

Note: Pattern shape and directivity may vary with channel and mounting configuration.

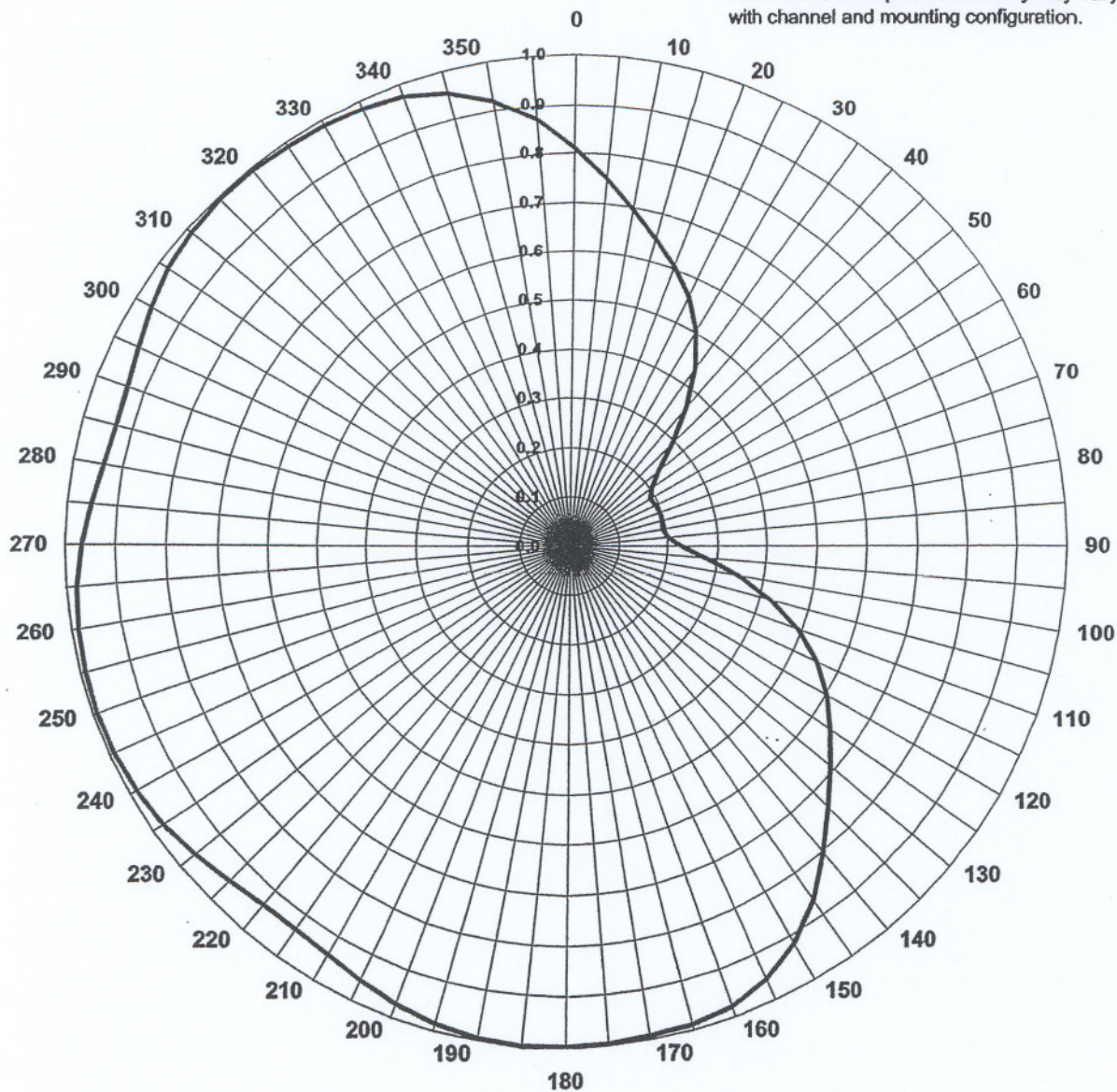


EXHIBIT B-2

ANTENNA AZIMUTH PATTERN

PROPOSED WJEB-DT
CHANNEL 44 - JACKSONVILLE, FLORIDA

SMITH AND FISHER

ANTENNA AZIMUTH PATTERN DATA
PROPOSED WJEB-DT
CHANNEL 44 – JACKSONVILLE, FLORIDA

<u>Azimuth (° T)</u>	<u>Relative Field</u>	<u>ERP (dbk)</u>	<u>Azimuth (° T)</u>	<u>Relative Field</u>	<u>ERP (dbk)</u>
0	0.811	28.2	180	0.999	30.0
10	0.695	26.8	190	0.996	30.0
20	0.604	25.6	200	0.972	29.8
30	0.504	24.0	210	0.941	29.5
40	0.363	21.2	220	0.937	29.4
50	0.235	17.4	230	0.963	29.7
60	0.190	15.6	240	0.985	29.9
70	0.195	15.8	250	0.992	29.9
80	0.193	15.7	260	0.987	29.9
90	0.228	17.2	270	0.966	29.7
100	0.348	20.8	280	0.938	29.4
110	0.495	23.9	290	0.935	29.4
120	0.602	25.6	300	0.963	29.7
130	0.691	26.8	310	0.989	29.9
140	0.803	28.1	320	0.994	29.9
150	0.917	29.2	330	0.987	29.9
160	0.979	29.8	340	0.974	29.8
170	0.993	29.9	350	0.921	29.3

EXHIBIT C

PROPOSED OPERATING PARAMETERS

PROPOSED WJEB-DT
CHANNEL 44 – JACKSONVILLE, FLORIDA

Transmitter Power Output:	35.0 kw
Transmission Line Efficiency:	75.1%
Antenna Power Gain – Main Lobe:	38.00
Effective Radiated Power – Main Lobe:	1000 kw
Transmitter Make and Model:	Type-accepted
Transmission Line Make and Model:	Andrew MACX675B
Size and Type:	6-1/8" rigid
Length:	1070 feet*
Antenna Make and Model:	ERI ATW25H3-HSC1-44H
Orientation	250 degrees true
Beam Tilt	0.75 degrees
Effective Height Above Ground:	284 meters
Effective Height Above Mean Sea Level:	293 meters

*estimated

CONTOUR POPULATION

48 DBU : 1,259,015

41 DBU : 1,336,341

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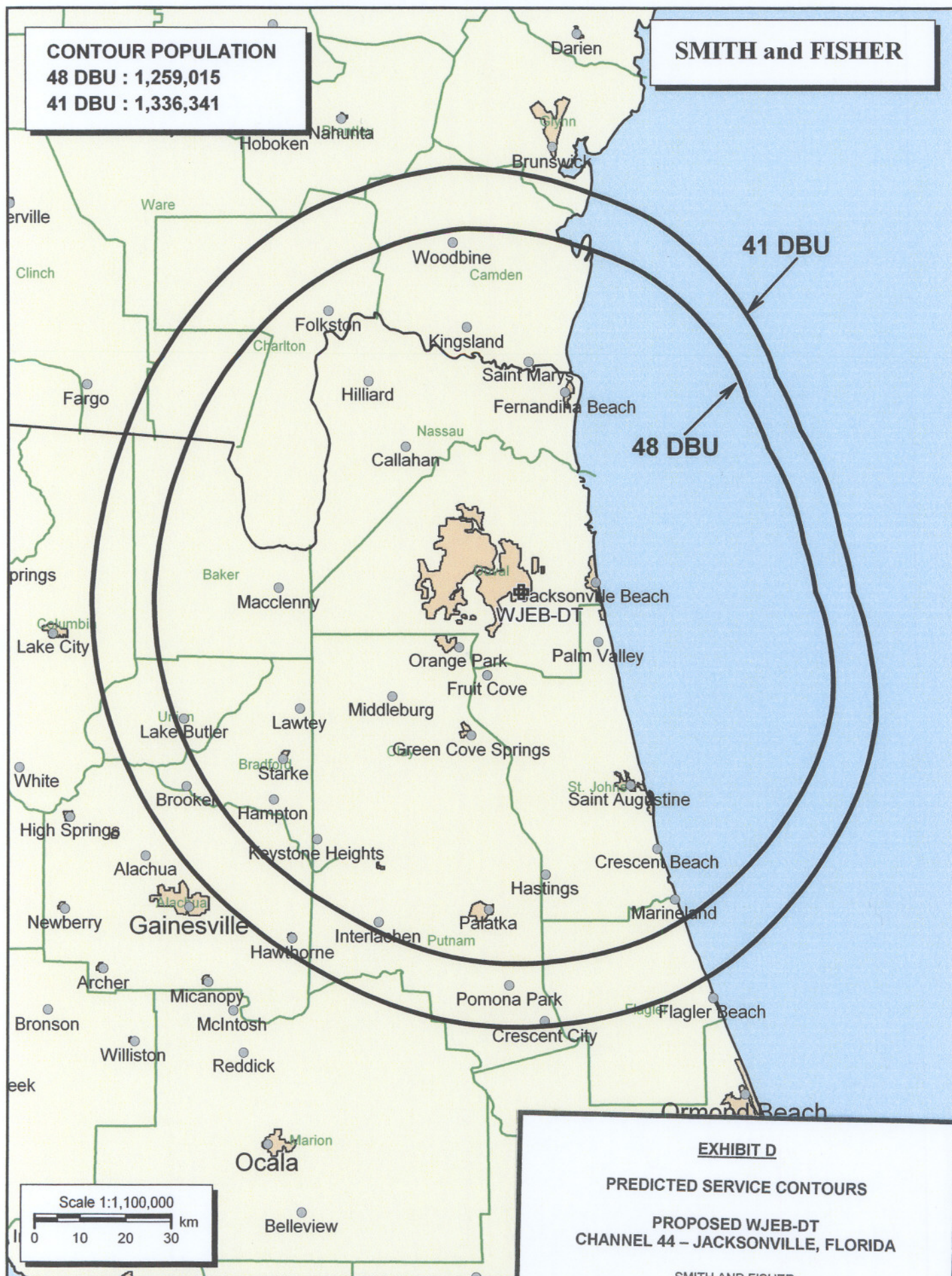


EXHIBIT D

PREDICTED SERVICE CONTOURS

**PROPOSED WJEB-DT
CHANNEL 44 – JACKSONVILLE, FLORIDA**

SMITH AND FISHER

INTERFERENCE STUDY
PROPOSED WJEB-DT
CHANNEL 44 – JACKSONVILLE, FLORIDA

The instant application specifies an ERP of 1000 kw (directional) at 288 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 2.0 kilometers and an increment spacing of 1.0 kilometer along each radial. In addition, we utilized the 2000 U.S. Census. Changes in interference caused by proposed WJEB-DT to other pertinent stations are tabulated in Exhibit E-2.

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

A Longley-Rice interference study also reveals that the proposed WJEB-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 E-2

INTERFERENCE STUDY SUMMARY
PROPOSED WJEB-DT
CHANNEL 44 – JACKSONVILLE, FLORIDA

<u>Call Sign</u>	<u>City, State</u>	<u>CH.</u>	<u>Coverage Population</u>	<u>Interference Population From WJEB-DT*</u>	<u>%</u>
WBXJ-CA	Jacksonville, FL	43	854,109	0	0
WTOG-DT	St. Petersburg, FL	44	3,832,815	194	<0.1

*Above that caused by the allotment facility.

EXHIBIT F

POWER DENSITY CALCULATION

PROPOSED WJEB-DT
CHANNEL 44 – JACKSONVILLE, FLORIDA

Since the FCC considers the possible biological effects of RF transmissions in its environmental determinations, we have studied the matter with respect to this Jacksonville facility. Employing the methods set forth in *OET Bulletin No. 65* and considering a main-lobe effective radiated power of 1000 kw, an antenna radiation center 284 meters above ground, and the elevation pattern of the licensed ERI antenna, maximum power density two meters above ground of 0.00071 mw/cm^2 is calculated to occur 65 meters west of the base of the tower. Since this is only 0.2 percent of the 0.43 mw/cm^2 reference for uncontrolled environments (areas with public access) surrounding a facility operating on Channel 44 (650-656 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.