

EXHIBIT A

ENGINEERING STATEMENT

The engineering data contained herein have been prepared on behalf of HOUR OF HARVEST, INC., licensee of WLJC-DT, Channel 7 in Beattyville, Kentucky, in support of its Application for Construction Permit to operate with a maximized post-transition DTV facility.

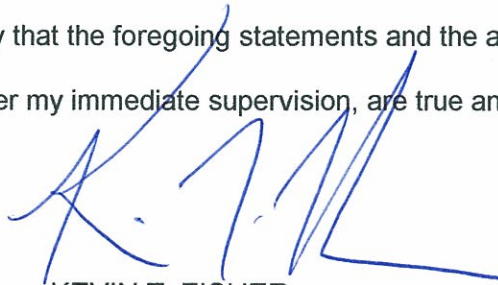
It is proposed to utilize the present Dielectric omnidirectional antenna at the 296-meter level of the existing 305-meter tower on which the present WLJC-DT antenna is mounted. Exhibit B provides an elevation pattern for the proposed antenna. Exhibit C is a map upon which the predicted service contours are plotted. As shown, the city of license is completely contained within the proposed 43 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 0.5 kilometers and an increment spacing of 0.1 kilometers. 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 WLJC-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 has assigned Antenna Structure Registration Number 1227743 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

May 30, 2008

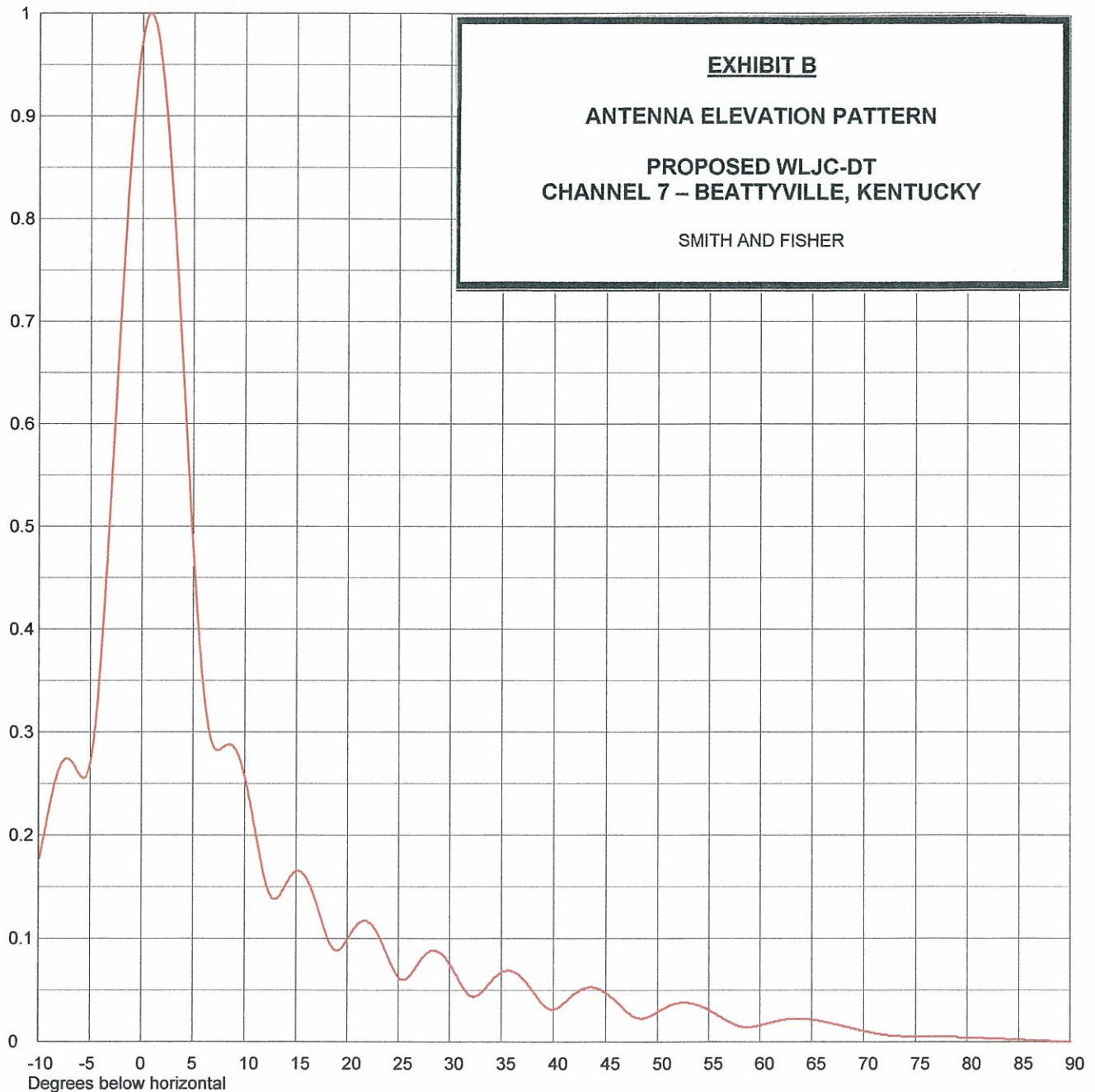


Exhibit No.

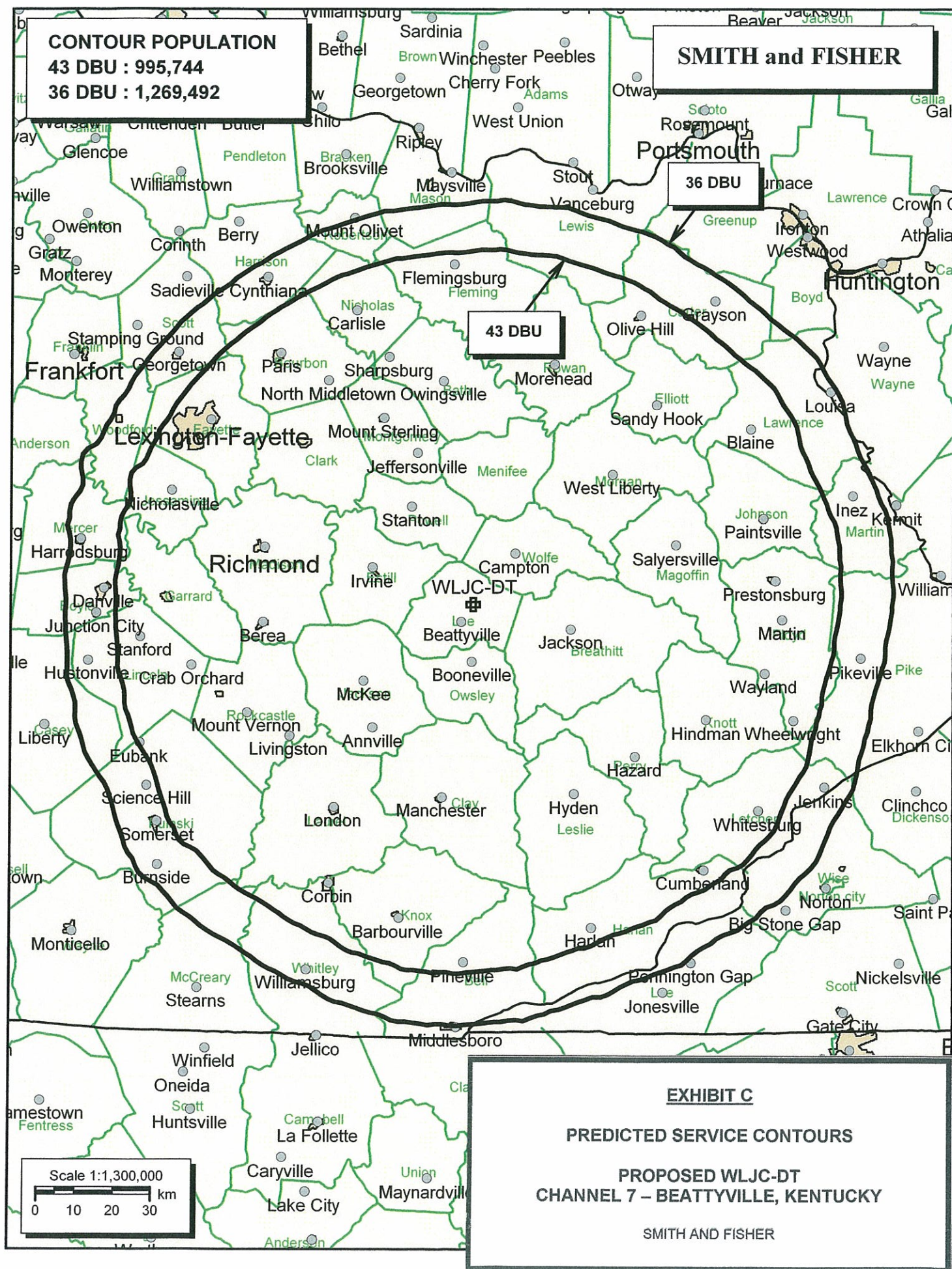
Date **02 Jun 2008**  
Call Letters  
Location  
Customer  
Antenna Type **TW-9B7**

Channel **7****ELEVATION PATTERN**

RMS Gain at Main Lobe	<b>9.0 (9.54 dB)</b>	Beam Tilt	<b>0.75 Degrees</b>
RMS Gain at Horizontal	<b>8.6 (9.34 dB)</b>	Frequency	<b>177.00 MHz</b>
Calculated / Measured	<b>Calculated</b>	Drawing #	<b>19W090075-90</b>









INTERFERENCE STUDY  
PROPOSED WLJC-DT  
CHANNEL 7 – BEATTYVILLE, KENTUCKY

The instant application specifies an ERP of 70 kw (omnidirectional) at 321 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 0.5 kilometers 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 WLJC-DT to other pertinent stations are tabulated in Exhibit D-2.

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

A Longley-Rice interference study also reveals that the proposed WLJC-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 WLJC-DT  
CHANNEL 7 – BEATTYVILLE, KENTUCKY

<u>Call Sign</u>	<u>City, State</u>	<u>CH.</u>	<u>Coverage Population</u>	<u>Interference Population From WLJC-DT**</u>	<u>%</u>
WEHT-DT	Evansville, IN	7	695,881	281	<0.1
WSPA-DT	Spartanburg, SC	7	2,784,595	360	<0.1
WMAK-DT	Knoxville, TN	7	1,323,005	6,503	0.49
WTRF-DT	Wheeling, WV	7	2,327,927	1,821	<0.1

\*\*Above that caused by the allotment facility.

Note: This study utilized a cell size of 0.5 km and an increment spacing of 0.1 km.

EXHIBIT E

POWER DENSITY CALCULATION  
PROPOSED WLJC-DT  
CHANNEL 7 – BEATTYVILLE, KENTUCKY

Since the FCC considers the possible biological effects of RF transmissions in its environmental determinations, we have studied the matter with respect to this Beattyville facility. Employing the methods set forth in *OET Bulletin No. 65* and considering a main-lobe effective radiated power of 70 kw, an antenna radiation center 296 meters above ground, and the elevation pattern of the Dielectric antenna, maximum power density two meters above ground of  $0.000056 \text{ mw/cm}^2$  is calculated to occur 1,856 meters from the base of the tower. Since this is less than 0.1 percent of the  $0.2 \text{ mw/cm}^2$  reference for uncontrolled environments (areas with public access) surrounding a facility operating on Channel 7 (174-180 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.