EXHIBIT A

ENGINEERING STATEMENT

The engineering data contained herein have been prepared on behalf of FOX TELEVISION STATIONS, INC., licensee of KRIV-DT, Channel 27 in Houston, Texas, in support of its Application for Construction Permit to operate on Channel 26 with a maximized post-transition DTV facility.

It is proposed to mount an ERI elliptically-polarized directional antenna at the 592-meter level of the existing 600-meter tower on which the present KRIV-DT antenna is mounted. Exhibit B provides azimuth and elevation pattern data 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 48 dBu service contour. An interference study is included in Exhibit D, and a power density calculation is provided in Exhibit E.

It is important to note that, while the proposed effective radiated power of 1000 kw exceeds that allowable in Section 73.622(f)(8)(i) of the Commission's Rules, the coverage of the facility proposed herein does not exceed that of the largest station in the market (KPRC-DT, Channel 35 in Houston, Texas), as allowed in Section 73.622(f)(5) of the Rules.

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

EXHIBIT A

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 1028555 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.

KYLE T. FISHER

June 20, 2008

ELEVATION PATTERN

Type:	ATW25H8H	
Directivity:	**Numeric**	**dBd**
Main Lobe:	25.00	13.98
Horizontal:	0.59	-2.30
Beam Tilt:	2.00	
Polarization:	Horizontal	
Channel:	26	
Location:		
Note:		

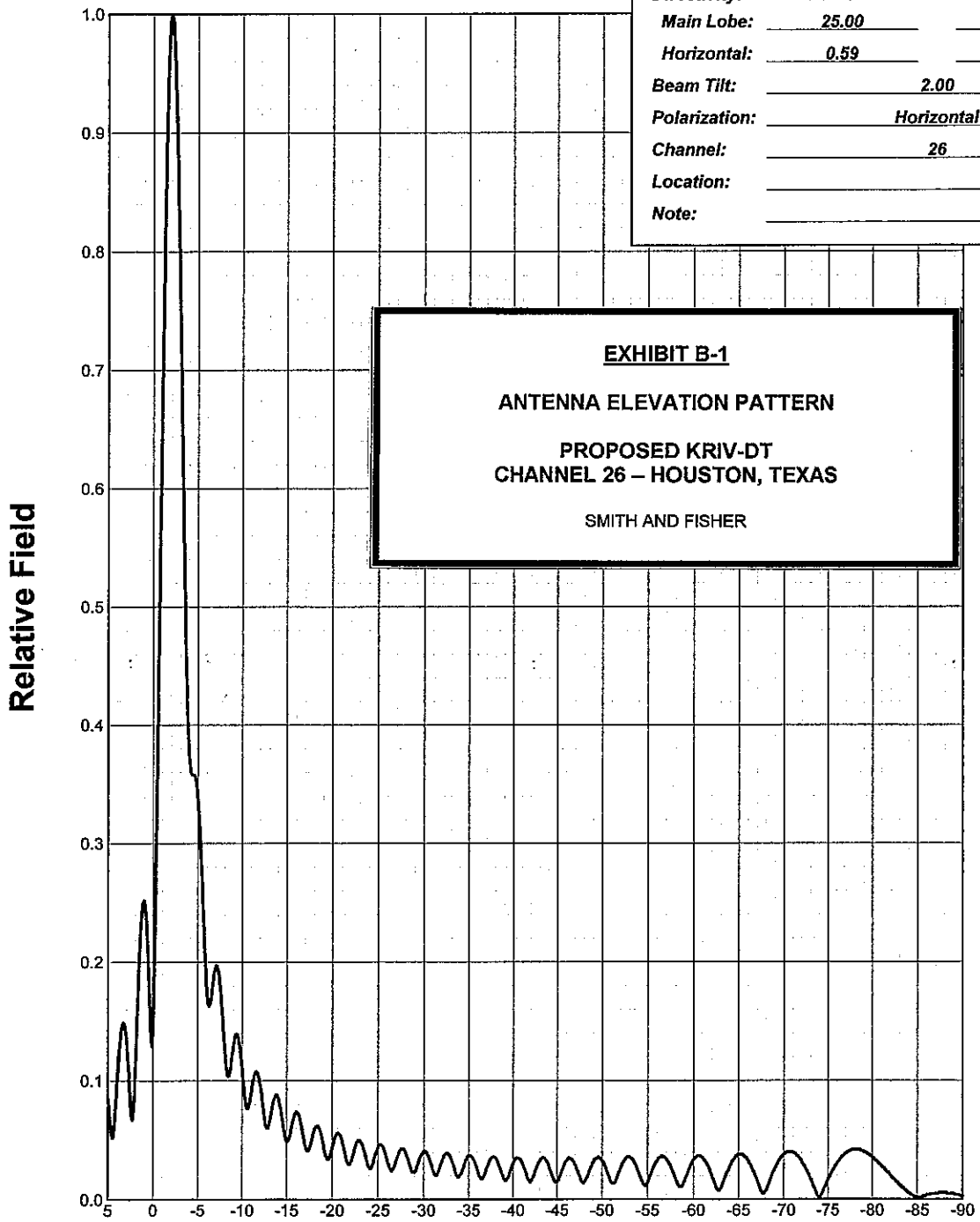

EXHIBIT B-1

ANTENNA ELEVATION PATTERN

PROPOSED KRIV-DT
CHANNEL 26 – HOUSTON, TEXAS

SMITH AND FISHER

Electronics Research, Inc.
7777 Gardner Road
Chandler, Indiana U.S.A 47610

6.20.08

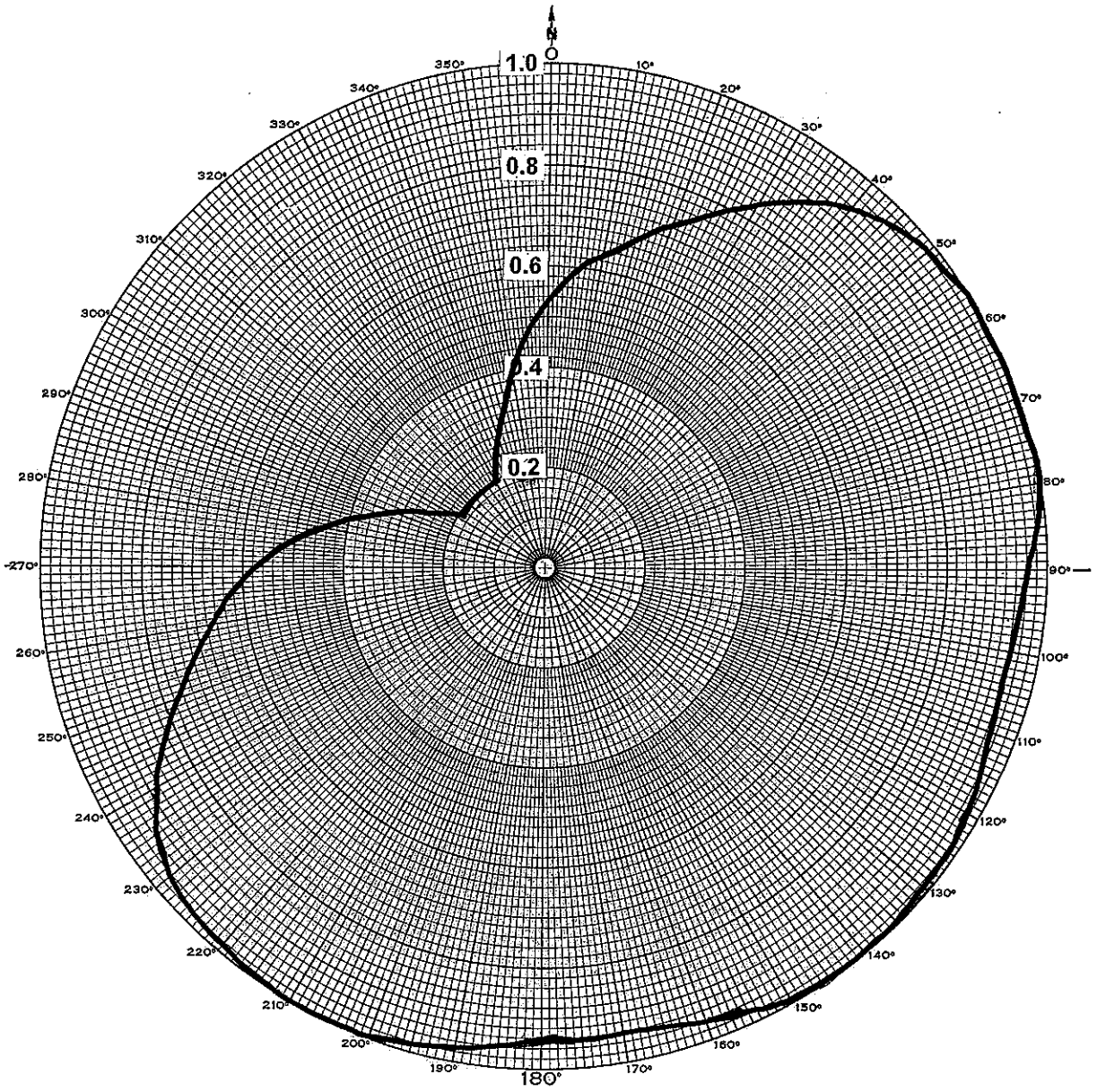

EXHIBIT B-2

ANTENNA AZIMUTH PATTERN

PROPOSED KRIV-DT
CHANNEL 26 – HOUSTON, TEXAS

SMITH AND FISHER

EXHIBIT B-3

ANTENNA AZIMUTH PATTERN DATA

PROPOSED KRIV-DT
CHANNEL 26 – HOUSTON, TEXAS

Azimuth (° T)	Relative Field	ERP (dbk)	Azimuth (° T)	Relative Field	ERP (dbk)
0	0.532	24.5	180	0.942	29.5
10	0.628	26.0	190	0.972	29.8
20	0.721	27.2	200	0.993	29.9
30	0.839	28.5	210	0.992	29.9
40	0.942	29.5	220	0.984	29.9
50	0.986	29.9	230	0.964	29.7
60	0.995	30.0	240	0.892	29.0
70	1.000	30.0	250	0.775	27.8
80	0.991	29.9	260	0.666	26.5
90	0.962	29.7	270	0.578	25.2
100	0.937	29.4	280	0.466	23.4
110	0.943	29.5	290	0.319	20.1
120	0.971	29.7	300	0.213	16.6
130	0.989	29.9	310	0.191	15.6
140	0.992	29.9	320	0.195	15.8
150	0.983	29.9	330	0.197	15.9
160	0.957	29.6	340	0.256	18.2
170	0.934	29.4	350	0.393	21.9

EXHIBIT C

PREDICTED SERVICE CONTOURS

PROPOSED KRIV-DT
CHANNEL 26 – HOUSTON, TEXAS

SMITH AND FISHER

EXHIBIT D

INTERFERENCE STUDY

PROPOSED KRIV-DT
CHANNEL 26 – HOUSTON, TEXAS

The instant application specifies an ERP of 1000 kw (directional) at 597 meters above average terrain, which has been determined to be allowable under the FCC's recently approved interference standards with respect to various 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, the applicant has relied upon the same Longley-Rice interference software used by the Commission in its studies. Based on the results of this analysis, the proposed KRIV-DT facility would not contribute more than 0.5% interference (beyond that which is caused by the allotted KRIV-DT facility) to the service population of any potentially affected post-transition DTV station or Class A LPTV station.

Therefore, this proposal meets the FCC's *de minimis* interference standards for DTV operations.

EXHIBIT E-1

POWER DENSITY CALCULATION

PROPOSED KRIV-DT
CHANNEL 26 – HOUSTON, TEXAS

Since the FCC considers the possible biological effects of RF transmissions in its environmental determinations, we have studied the matter with respect to this Houston facility. Employing the methods set forth in *OET Bulletin No. 65* and considering a main-lobe effective radiated power of 1000 kw (H, V) kw, an antenna radiation center 592 meters above ground, and the elevation pattern of the ERI antenna, maximum power density two meters above ground of 0.00032 mw/cm^2 is calculated to occur 125 meters northeast of the base of the tower. Since this is only 0.1 percent of the 0.36 mw/cm^2 reference for uncontrolled environments (areas with public access) surrounding a facility operating on Channel 26 (542-548 MHz), this proposal may be excluded from consideration 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.