

EXHIBIT A

ENGINEERING STATEMENT

The engineering data contained herein have been prepared on behalf of FOX TELEVISION STATIONS, INC., licensee of KCOP-DT, Channel 68 in Los Angeles, California, in support of its Application for Construction Permit to operate on Channel 13 with a maximized post-transition DTV facility.

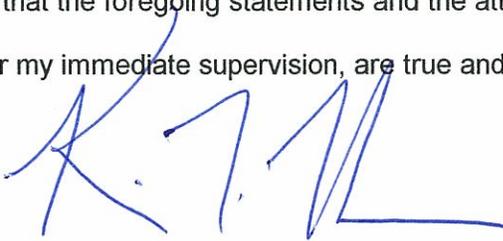
It is proposed to mount an ERI omnidirectional antenna at the 57-meter level of the existing 62-meter tower on which the present KCOP antenna is mounted. The new ERI antenna will be installed with 1.5° electrical beam tilt and 1.5° mechanical beam tilt oriented at 210° T. Exhibit B provides elevation and horizontal azimuth 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 43 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 120 kw exceeds that allowable in Section 73.622(f)(7)(i) of the Commission's Rules, the coverage of the facility proposed herein does not exceed that of the largest station in the market (KCBS-TV, Channel 2 in Los Angeles, California), 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 KCOP-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 1055307 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.



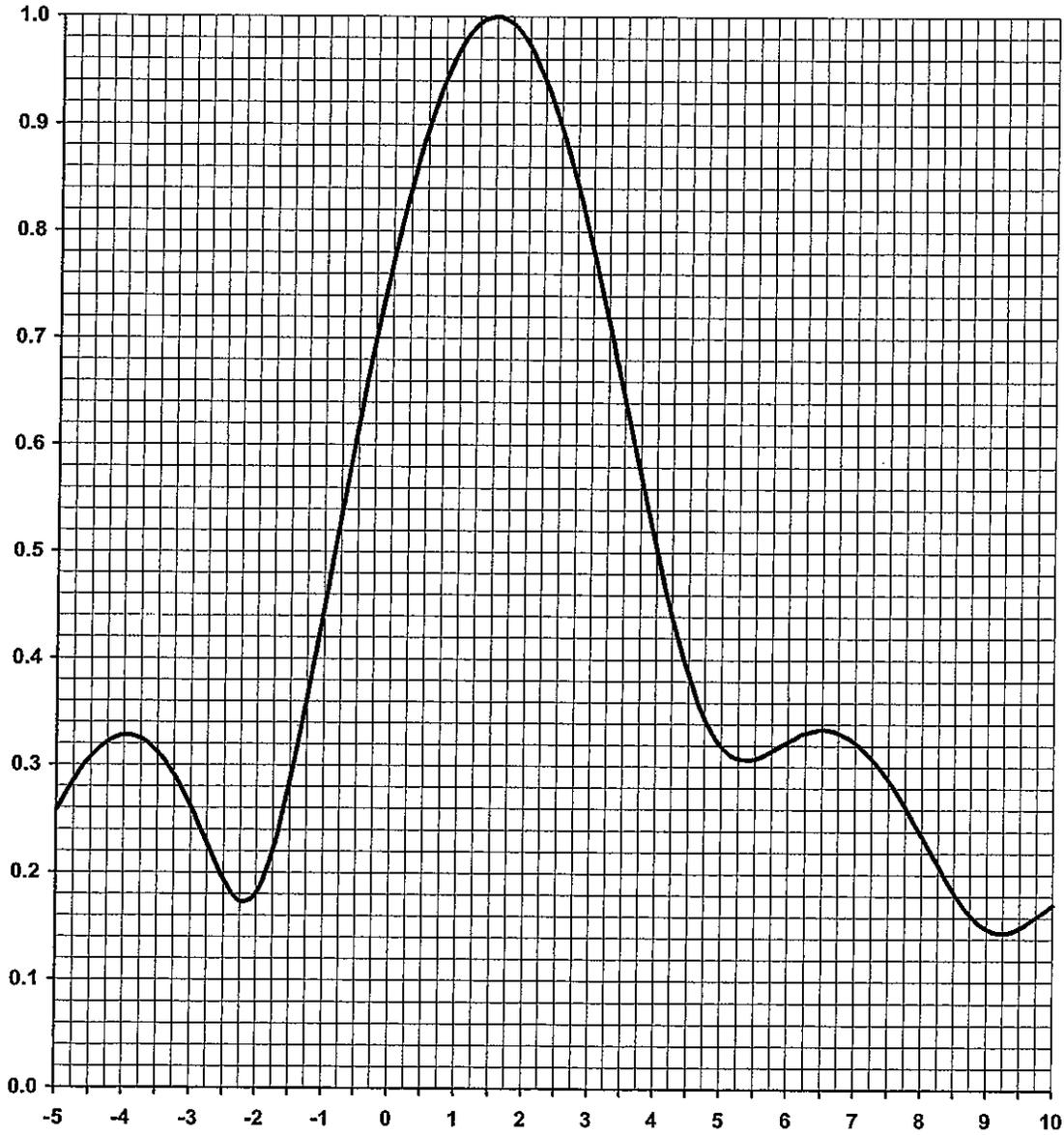
KEVIN T. FISHER

June 14, 2008

ELEVATION PATTERN

| | | |
|---------------------|-----------------|--------------|
| TYPE: | ATW14V6H | |
| Directivity: | Numeric | dBd |
| Main Lobe: | 14.00 | 11.46 |
| Horizontal: | 8.37 | 9.22 |

| | |
|----------------------|------------------------|
| Frequency: | 13 (Digital) |
| Location: | Los Angeles, CA |
| Beam Tilt: | 1.50 |
| Polarization: | Horizontal |



ELECTRONICS RESEARCH, INC. ERI

EXHIBIT B-1
ANTENNA ELEVATION PATTERN
PROPOSED KCOP-DT
CHANNEL 13 – LOS ANGELES, CALIFORNIA
SMITH AND FISHER

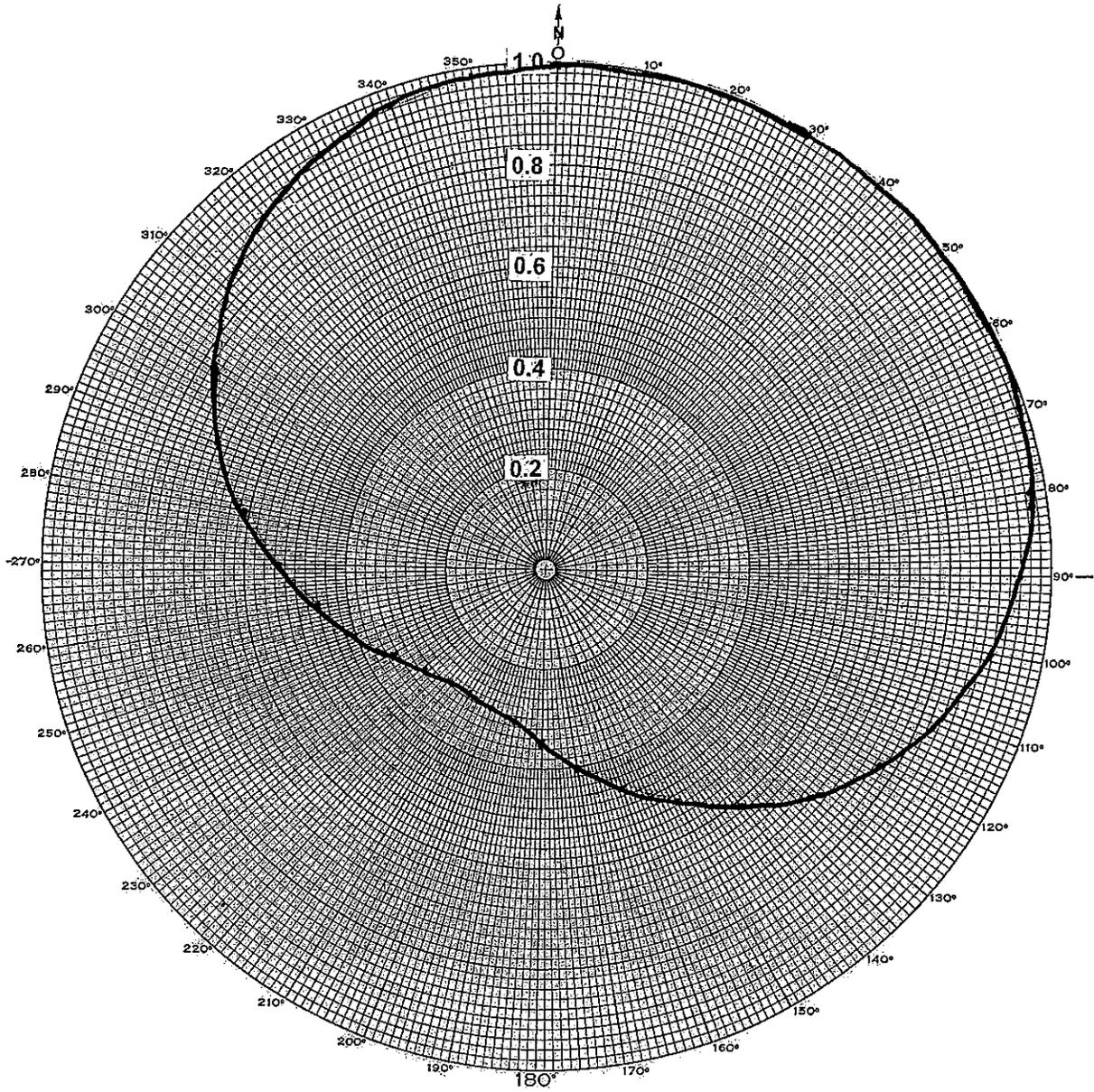


EXHIBIT B-2
ANTENNA AZIMUTH PATTERN
PROPOSED KCOP-DT
CHANNEL 13 – LOS ANGELES, CALIFORNIA
SMITH AND FISHER

ANTENNA AZIMUTH PATTERN DATA
PROPOSED KCOP-DT
CHANNEL 13 – LOS ANGELES, CALIFORNIA

| <u>Azimuth</u> <u>(° T)</u> | <u>Relative</u> <u>Field</u> | <u>ERP</u> <u>(dbk)</u> | <u>Azimuth</u> <u>(° T)</u> | <u>Relative</u> <u>Field</u> | <u>ERP</u> <u>(dbk)</u> |
|--------------------------------|---------------------------------|----------------------------|--------------------------------|---------------------------------|----------------------------|
| 0 | 0.995 | 20.8 | 180 | 0.349 | 11.7 |
| 10 | 0.998 | 20.8 | 190 | 0.315 | 10.8 |
| 20 | 0.999 | 20.8 | 200 | 0.294 | 10.2 |
| 30 | 1.000 | 20.8 | 210 | 0.287 | 10.0 |
| 40 | 0.999 | 20.8 | 220 | 0.294 | 10.2 |
| 50 | 0.998 | 20.8 | 230 | 0.315 | 10.8 |
| 60 | 0.995 | 20.8 | 240 | 0.349 | 11.7 |
| 70 | 0.986 | 20.7 | 250 | 0.398 | 12.8 |
| 80 | 0.969 | 20.5 | 260 | 0.460 | 14.1 |
| 90 | 0.941 | 20.3 | 270 | 0.534 | 15.4 |
| 100 | 0.898 | 19.9 | 280 | 0.614 | 16.6 |
| 110 | 0.842 | 19.3 | 290 | 0.696 | 17.7 |
| 120 | 0.773 | 18.6 | 300 | 0.773 | 18.6 |
| 130 | 0.696 | 17.7 | 310 | 0.842 | 19.3 |
| 140 | 0.614 | 16.6 | 320 | 0.898 | 19.9 |
| 150 | 0.534 | 15.9 | 330 | 0.941 | 20.3 |
| 160 | 0.460 | 14.1 | 340 | 0.969 | 20.5 |
| 170 | 0.398 | 12.8 | 350 | 0.986 | 20.7 |

CONTOUR POPULATION

43 DBU : 16,022,455

36 DBU : 16,519,006

SMITH and FISHER



EXHIBIT C

PREDICTED SERVICE CONTOURS

**PROPOSED KCOP-DT
CHANNEL 13 - LOS ANGELES, CALIFORNIA**

SMITH AND FISHER

INTERFERENCE STUDY
PROPOSED KCOP-DT
CHANNEL 13 – LOS ANGELES, CALIFORNIA

The instant application specifies an ERP of 120 kw at 905 meters above average terrain, which we have 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, 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 KCOP-DT to other pertinent stations are tabulated in Exhibit D-2.

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

A Longley-Rice interference study also reveals that the proposed KCOP-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.

INTERFERENCE STUDY SUMMARY
PROPOSED KCOP-DT
CHANNEL 13 – LOS ANGELES, CALIFORNIA

| <u>Call Sign</u> | <u>City, State</u> | <u>CH.</u> | <u>Coverage Population</u> | <u>Interference Population From KCOP-DT</u> | <u>%</u> |
|------------------------|--------------------|------------|--------------------------------|---|----------|
| [NO STATIONS AFFECTED] | | | | | |

POWER DENSITY CALCULATION

PROPOSED KCOP-DT
CHANNEL 13 – LOS ANGELES, CALIFORNIA

Since the FCC considers the possible biological effects of RF transmissions in its environmental determinations, we have studied the matter with respect to this Los Angeles facility. Employing the methods set forth in *OET Bulletin No. 65* and considering a main-lobe effective radiated power of 120 kw (H) and 30 kw (V), an antenna radiation center 57 meters above ground, and the elevation pattern of the ERI antenna, maximum power density two meters above ground of 0.0089 mw/cm^2 is calculated to occur 17 meters from the base of the tower. Since this is only 4.5 percent of the 0.2 mw/cm^2 reference for uncontrolled environments (areas with public access) surrounding a facility operating on Channel 13 (210-216 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.