

ENGINEERING STATEMENT

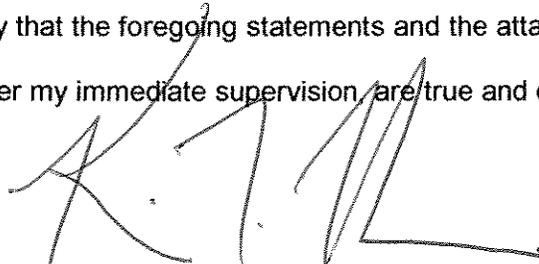
The engineering data contained herein have been prepared on behalf of FOX TELEVISION STATIONS, INC., licensee of KSAZ-DT, Channel 31 in Phoenix, Arizona, in support of its Application for Construction Permit to operate on Channel 10 with its post-transition DTV facility.

It is proposed to utilize the licensed Dielectric omnidirectional antenna which is mounted at the 100-meter level of the existing KSAZ 113-meter tower. Exhibit B provides elevation pattern data for the antenna, 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 43 dBu service contour. It is important to note that the proposed 36 dBu service contour is virtually identical to that assigned to KSAZ-DT in Appendix B of the FCC's DTV Table of Allotments. Therefore, no interference study is provided. 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 KSAZ-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 1001496 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 black ink, appearing to read 'KEVIN T. FISHER', written in a cursive style.

KEVIN T. FISHER

March 6, 2008



Proposal Number 1250:1:164550
Date 25-Jun-03
Call Letters KSAZ Channel 10
Location Phoenix, AZ
Customer Fox Television Stations INC.
Antenna Type TF-12HT

ELEVATION PATTERN

RMS Gain at Main Lobe	12.30 (10.90 dB)	Beam Tilt	0.75 deg
RMS Gain at Horizontal	11.10 (10.45 dB)	Frequency	195.00 MHz
Calculated / Measured	Calculated	Drawing #	12S123070-90

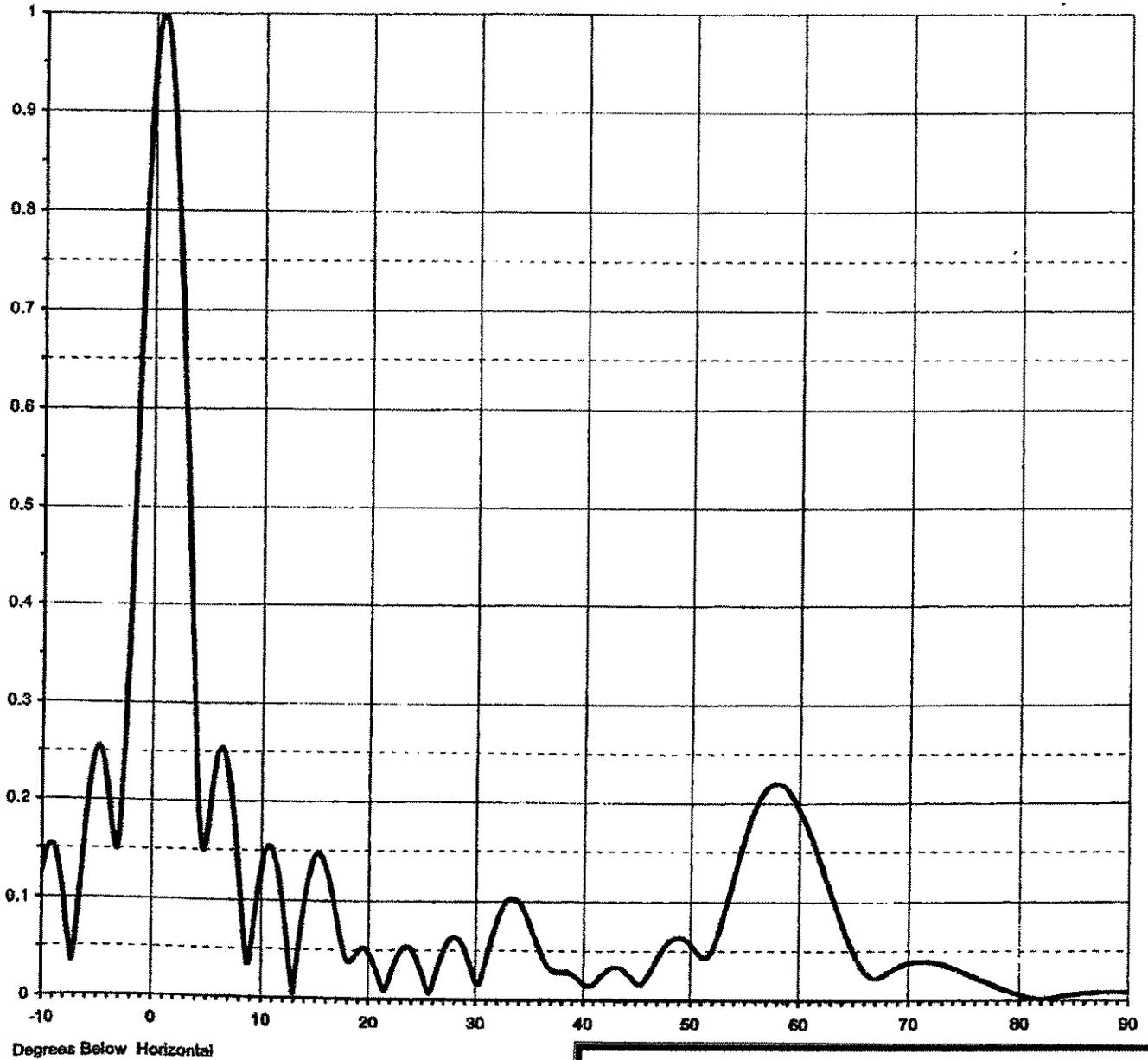


EXHIBIT B
ANTENNA ELEVATION PATTERN
PROPOSED KSAZ-DT
CHANNEL 10 - PHOENIX, ARIZONA
SMITH AND FISHER

PROPOSED OPERATING PARAMETERS

PROPOSED KSAZ-DT
CHANNEL 10 – PHOENIX, ARIZONA

Transmitter Power Output:	1.7 kw
Transmission Line Efficiency:	94.1%
Antenna Power Gain – Main Lobe:	12.3
Effective Radiated Power – Main Lobe:	20.0 kw

Transmitter Make and Model:	Type-accepted
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Transmission Line Make and Model:	Dielectric EIA/DCA
Size and Type:	3-1/8" rigid
Length:	360 feet

Antenna:

Make and Model:	Dielectric TF-12HT
Orientation	Omnidirectional
Beam Tilt	0.75 degrees
Radiation Center Above Ground:	100 meters
Radiation Center Above Mean Sea Level:	915 meters

CONTOUR POPULATION

43 DBU : 3,233,851

36 DBU : 3,248,649

SMITH and FISHER

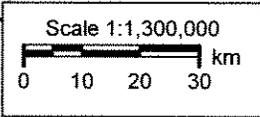
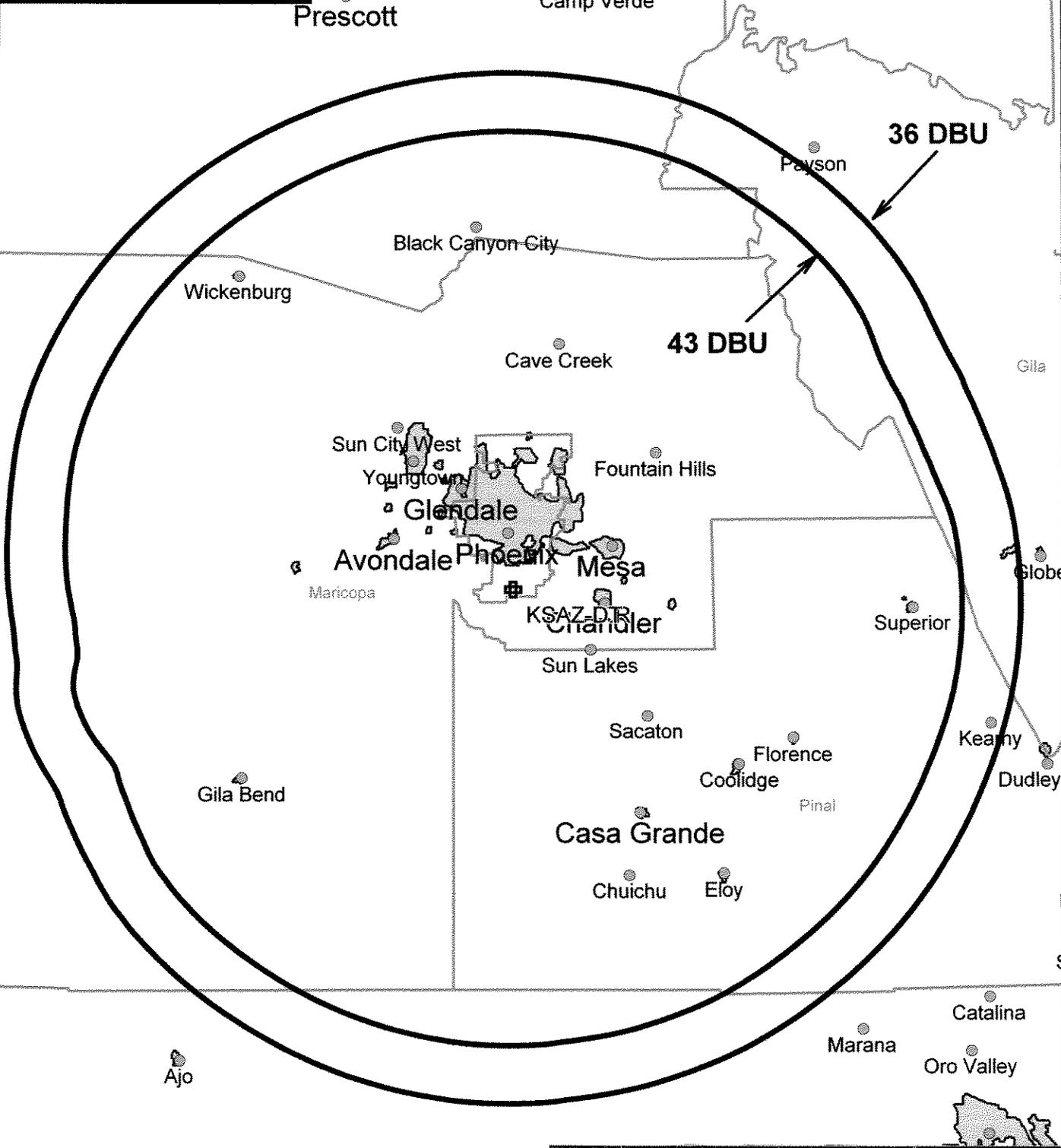


EXHIBIT D
PREDICTED SERVICE CONTOURS
PROPOSED KSAZ-DT
CHANNEL 10 – PHOENIX, ARIZONA
SMITH AND FISHER

POWER DENSITY CALCULATION

PROPOSED KSAZ-DT
CHANNEL 10 – PHOENIX, ARIZONA

Since the FCC considers the possible biological effects of RF transmissions in its environmental determinations, we have studied the matter with respect to this Phoenix facility. Employing the methods set forth in *OET Bulletin No. 65* and considering a main-lobe effective radiated power of 20 kw, an antenna radiation center 100 meters above ground, and the elevation pattern of the Dielectric antenna, maximum power density two meters above ground of 0.0024 mw/cm^2 is calculated to occur 61 meters from the base of the tower. Since this is only 1.2 percent of the 0.2 mw/cm^2 reference for uncontrolled environments (areas with public access) surrounding a facility operating on Channel 10 (192-198 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.