

EXHIBIT A

ENGINEERING STATEMENT

The engineering data contained herein have been prepared on behalf of DR. JOSEPH A. ZAVALETTA, licensee of KVAW-DT, Channel 18 in Eagle Pass, Texas, in support of this amendment to his Application for Construction Permit BPCDT-20080402AAG, which seeks operation with its recently-allotted post-transition DTV facility on Channel 24. The purpose of this amendment is to specify an antenna orientation of 90° T, rather than the previously proposed orientation of 180° T.

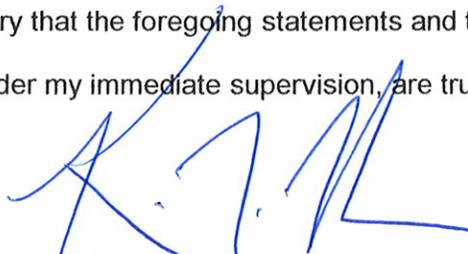
It is still intended to mount a standard ERI directional antenna at the 69-meter level of the existing 80-meter tower on which the present KVAW-DT antenna is mounted. Exhibit B provides azimuth and elevation pattern data for the proposed antenna. It is important to note that an error exists in the Channel 24 allotment facility assigned to KVAW-DT by the Commission. The station's DTV allotment is based on an antenna radiation center 570 meters above mean sea level. However, the actual RCAMSL of the DTV facility should be 317 meters (a ground elevation of 248 meters AMSL plus an antenna radiation center 69 meters above ground). It is respectfully requested that the Commission adjust the new Channel 24 KVAW-DT allotment facility to the parameters specified herein.

Exhibit C is a map upon which the revised service contours are plotted. As shown, the city of license is completely contained within the proposed 48 dBu service contour. The proposed 41 dBu contour matches that of the allotment facility assigned to KVAW-DT in Appendix B of the Commission's DTV Table of Allotments (as corrected). As a result, no interference study is required. A power density calculation is provided in Exhibit D.

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 KVAW-DT site. However, if such should occur, the owner of this station recognizes its obligation to take what ever 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 1218752 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.



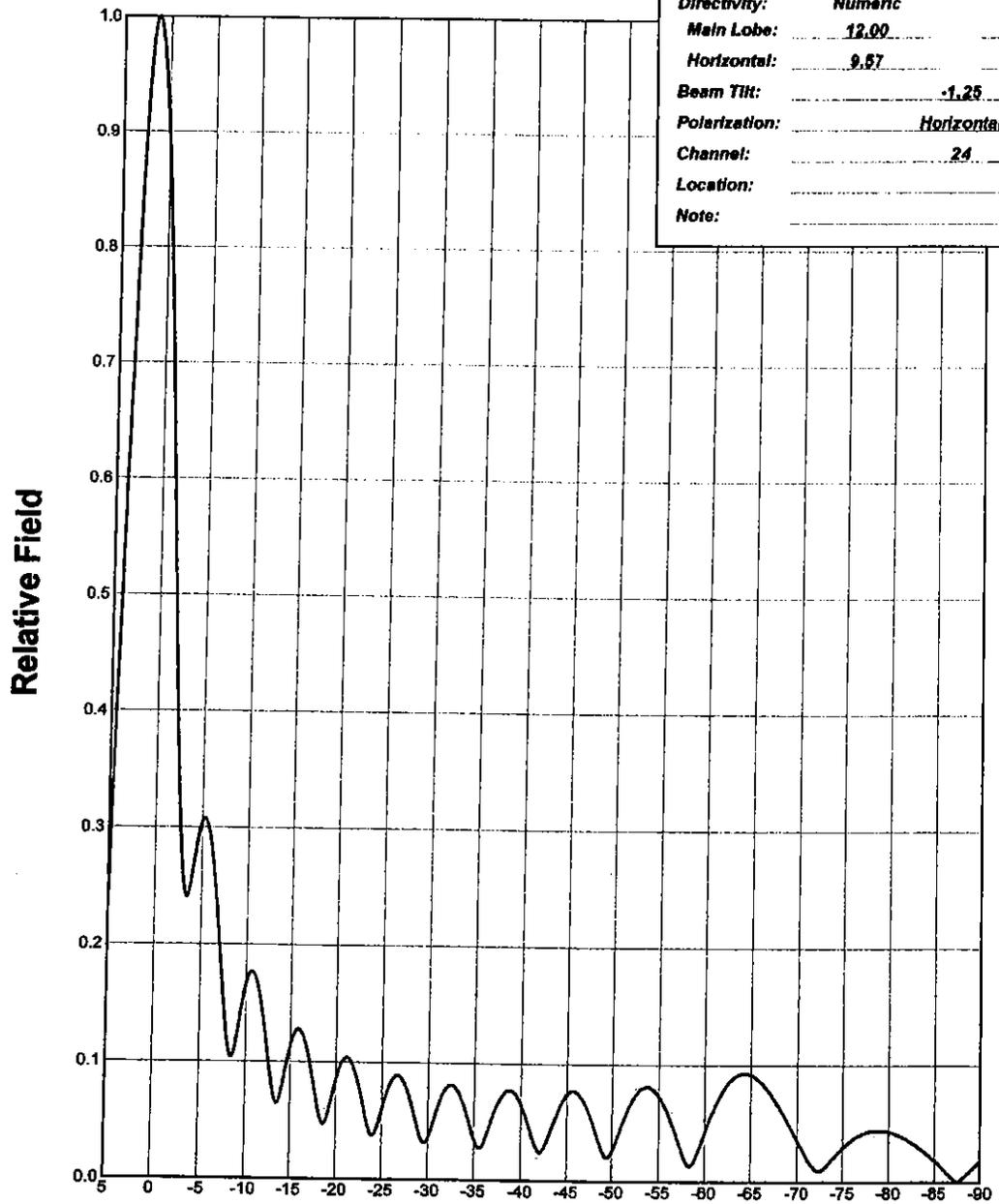
KEVIN T. FISHER

April 29, 2008



ELEVATION PATTERN

Type:	AL12	
Directivity:	Numeric	dBd
Main Lobe:	12.00	10.79
Horizontal:	9.57	9.81
Beam Tilt:	-1.25	
Polarization:	Horizontal	
Channel:	24	
Location:		
Note:		



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EXHIBIT B-1

ANTENNA ELEVATION PATTERN

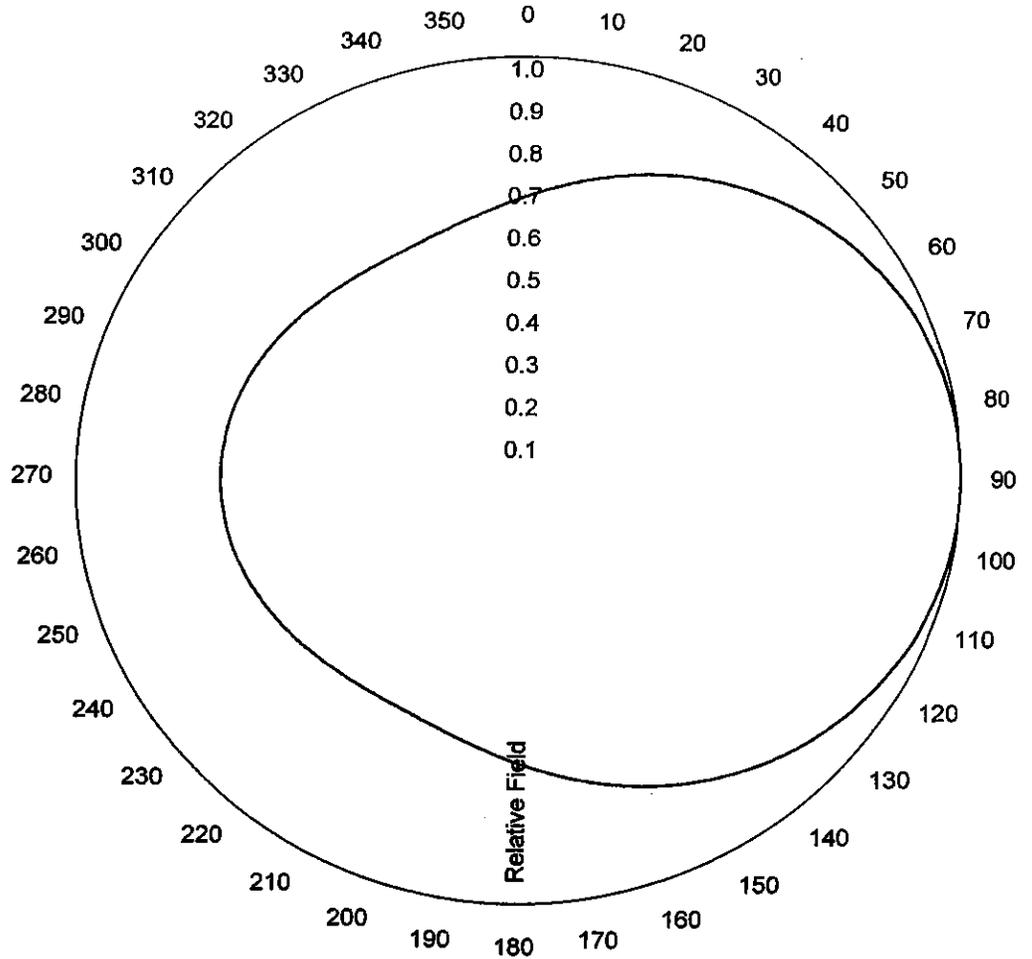
PROPOSED KVAW-DT
CHANNEL 24 - EAGLE PASS, TEXAS
[AMENDMENT TO BPCDT-20080402AAG]

SMITH AND FISHER



AZIMUTH PATTERN

Type: ALP-0C
Numeric 1.70 dBd 2.30
Directivity: 1.70 2.30
Peak(s) at: _____
Polarization: Horizontal
Channel: 24
Location: _____
Note: _____



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EXHIBIT B-2

ANTENNA AZIMUTH PATTERN

PROPOSED KVAW-DT
CHANNEL 24 - EAGLE PASS, TEXAS
[AMENDMENT TO BPCDT-20080402AAG]

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**AZIMUTH PATTERN
FCC FILING FORMAT**

Type: _____ ALP-OC _____
Polarization: _____ Horizontal _____

Angle	Field	ERP (kW)	ERP (dBk)
0	0.668	25.656	14.092
10	0.715	29.394	14.683
20	0.767	33.825	15.292
30	0.820	38.661	15.873
40	0.871	43.619	16.397
50	0.915	48.138	16.825
60	0.951	52.000	17.160
70	0.978	54.995	17.403
80	0.994	56.809	17.544
90	1.000	57.497	17.596
100	0.994	56.809	17.544
110	0.978	54.995	17.403
120	0.951	52.000	17.160
130	0.915	48.138	16.825
140	0.871	43.619	16.397
150	0.820	38.661	15.873
160	0.767	33.825	15.292
170	0.715	29.394	14.683
180	0.668	25.656	14.092
190	0.631	22.893	13.597
200	0.609	21.324	13.289
210	0.602	20.837	13.188
220	0.608	21.254	13.274
230	0.623	22.316	13.486
240	0.642	23.698	13.747
250	0.659	24.970	13.974
260	0.672	25.965	14.144
270	0.676	26.275	14.195
280	0.672	25.965	14.144
290	0.659	24.970	13.974
300	0.642	23.698	13.747
310	0.623	22.316	13.486
320	0.608	21.254	13.274
330	0.602	20.837	13.188
340	0.609	21.324	13.289
350	0.631	22.893	13.597



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EXHIBIT B-3

ANTENNA RELATIVE FIELD VALUES

**PROPOSED KVAW-DT
CHANNEL 24 - EAGLE PASS, TEXAS
[AMENDMENT TO BPCDT-20080402AAG]**

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CONTOUR POPULATION
48 DBU : 47,329
41 DBU : 47,461

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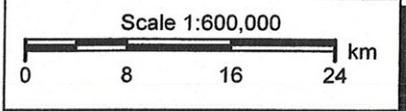
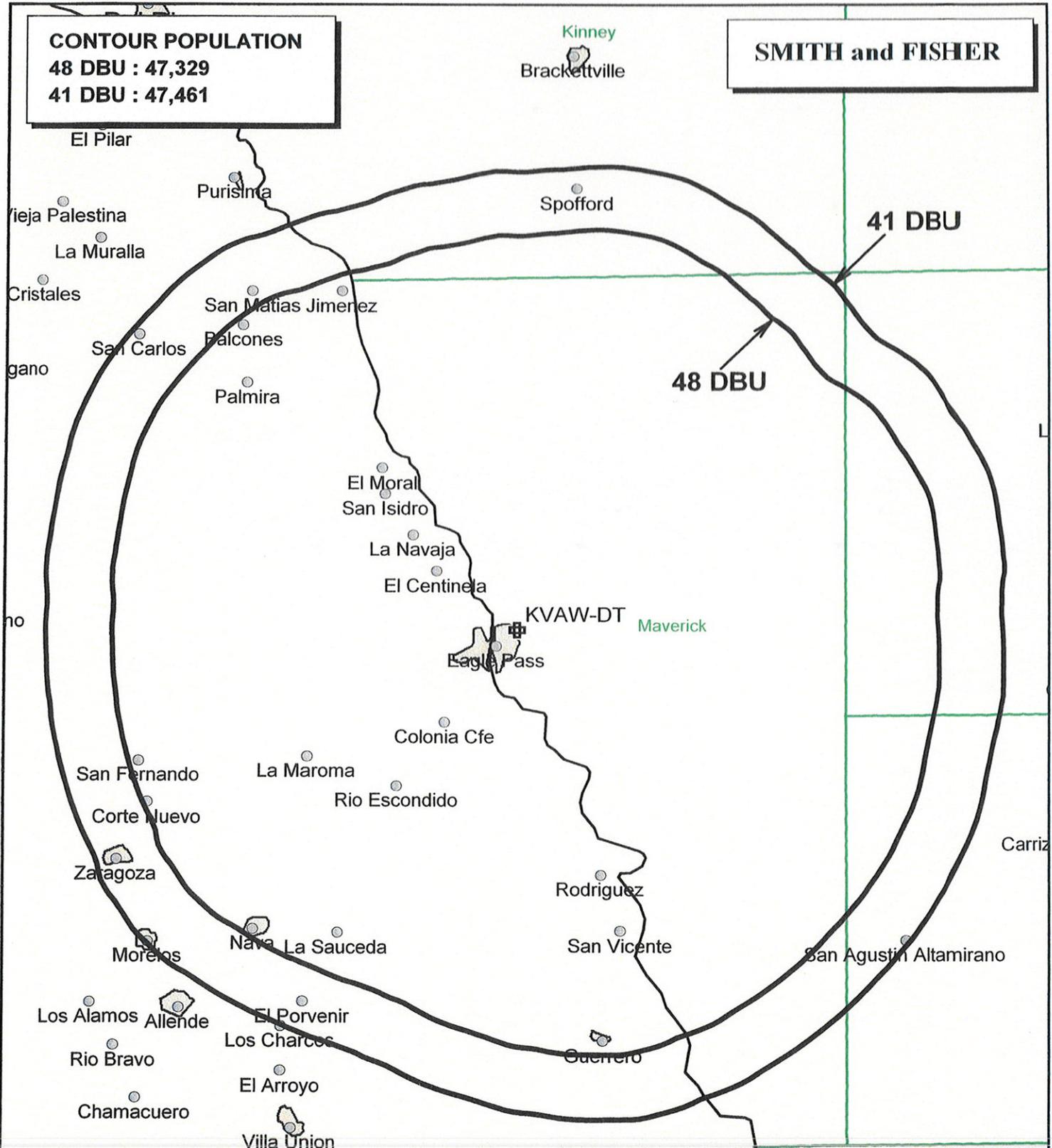


EXHIBIT C
PREDICTED SERVICE CONTOURS
PROPOSED KVAW-DT
CHANNEL 24 – EAGLE PASS, TEXAS
[AMENDMENT TO BPCDT-20080402AAG]
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POWER DENSITY CALCULATION

PROPOSED KVAW-DT
CHANNEL 24 – EAGLE PASS, TEXAS

[AMENDMENT TO BPCDT-20080402AAG]

Since the FCC considers the possible biological effects of RF transmissions in its environmental determinations, we have studied the matter with respect to this Eagle Pass facility. Employing the methods set forth in *OET Bulletin No. 65* and considering a main-lobe effective radiated power of 57.5 kw, an antenna radiation center 69 meters above ground, and the elevation pattern of the ERI antenna, maximum power density two meters above ground of 0.017 mw/cm^2 is calculated to occur 20 meters east of the base of the tower. Since this is only 4.9 percent of the 0.35 mw/cm^2 reference for uncontrolled environments (areas with public access) surrounding a facility operating on Channel 24 (530-536 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.