



ENGINEERING STATEMENT

In support of a

Minor Amendment to Pending Application

For Digital Channel 46

KNCT Belton, TX

500 kW ERP

392 m HAAT

PURPOSE

MARSAND, INC. has been retained by Central Texas College (the "Licensee") Licensee of KNCT analog Channel 46 of Belton, TX (the "Station"), to prepare this engineering statement in support of this Application for a Minor Amendment to Pending Application for post-transition digital service on Channel 46. An application for Construction Permit (CP) has been filed with the Federal Communications Commission (the "Commission") BNPEDT-20080618AUE. The Licensee seeks to maximize the proposed facility to 500 kW Effective Radiated Power (ERP).

DISCUSSION

The Licensee proposes to use the existing, top mount analog Channel 46 antenna. The antenna manufacturer's specifications can be found in the Appendix. The Licensee also proposes to modify its interim CH38 digital transmitter and modify its analog RF filter for digital service on CH46. The proposed facility is located at the existing analog site.

An interference study using the TV Process by Meintel, Sgrignoli & Wallace (a software program which is familiar to the Commission that is written in Fortran and run on a Sun Microsystems workstation and employs the methods outlined in the OET 69 Bulletin), confirms that the proposed facility would not exceed 0.5% new interference to any other station listed in Appendix B or any applications or CP's on file to date. The study results are listed in the Appendix. A summary of the interference study is included below in **Table 1**.

Stations Potentially Affected by Proposal

<u>Channel</u>	<u>Call Sign</u>	<u>City/State</u>	<u>Distance (km)</u>	<u>Status</u>	<u>Application Reference No.</u>	<u>New Interference</u>
31	KTFO-CA	AUSTIN TX	75.4	LIC	BLTTL -20010403AAM	Beyond Nearest Cell Evaluation
31	KHPG-CA	GIDDINGS TX	111.5	LIC	BLTTA -20020913AAQ	Beyond Nearest Cell Evaluation
31	KHPG-CA	GIDDINGS TX	112.6	APP	BSTA -20080207AOV	Beyond Nearest Cell Evaluation
31	KPLE-CA	KILLEEN TX	15.1	LIC	BLTTL -19930713IH	Proposal causes no interference
32	KGBS-CA	AUSTIN TX	75.8	APP	BSTA -20060803AGH	Beyond Nearest Cell Evaluation
32	KGBS-CA	AUSTIN TX	75.8	APP	BPTTA -20060403AOU	Beyond Nearest Cell Evaluation
32	KGBS-CA	AUSTIN TX	75.9	LIC	BLTTA -20040217ACL	Beyond Nearest Cell Evaluation
44	KHPF-CA	FREDERICKSBURG TX	144.7	LIC	BLTTA -20021004AAC	Beyond Nearest Cell Evaluation
45	KHPB-CA	BASTROP TX	100.8	CP	BDFCDTA -20060330ACV	Proposal causes no interference
45	KHPB-CA	BASTROP TX	100.8	LIC	BLTTA -20020405ABF	Proposal causes no interference
45	KDTX-TV	DALLAS TX	184.4	CP MOD	BMPCDT -20030417ABJ	Proposal causes no interference
45	KDTX-TV	DALLAS TX	184.4	PLN	DTVPLN -DTVP1633	Proposal causes no interference
46	KTAQ	GREENVILLE TX	184.4	LIC	BLCDT -20040414ACS	0.12%
46	KTAQ	GREENVILLE TX	184.4	PLN	DTVPLN -DTVP1659	0.12%

Table 1

The calculated F(50,90) 48 dBu contour would encompass the principal community, Belton, TX, entirely as shown in **Figure 1**. Also shown in **Figure 1** is the F(50,90) 41 dBu contour.

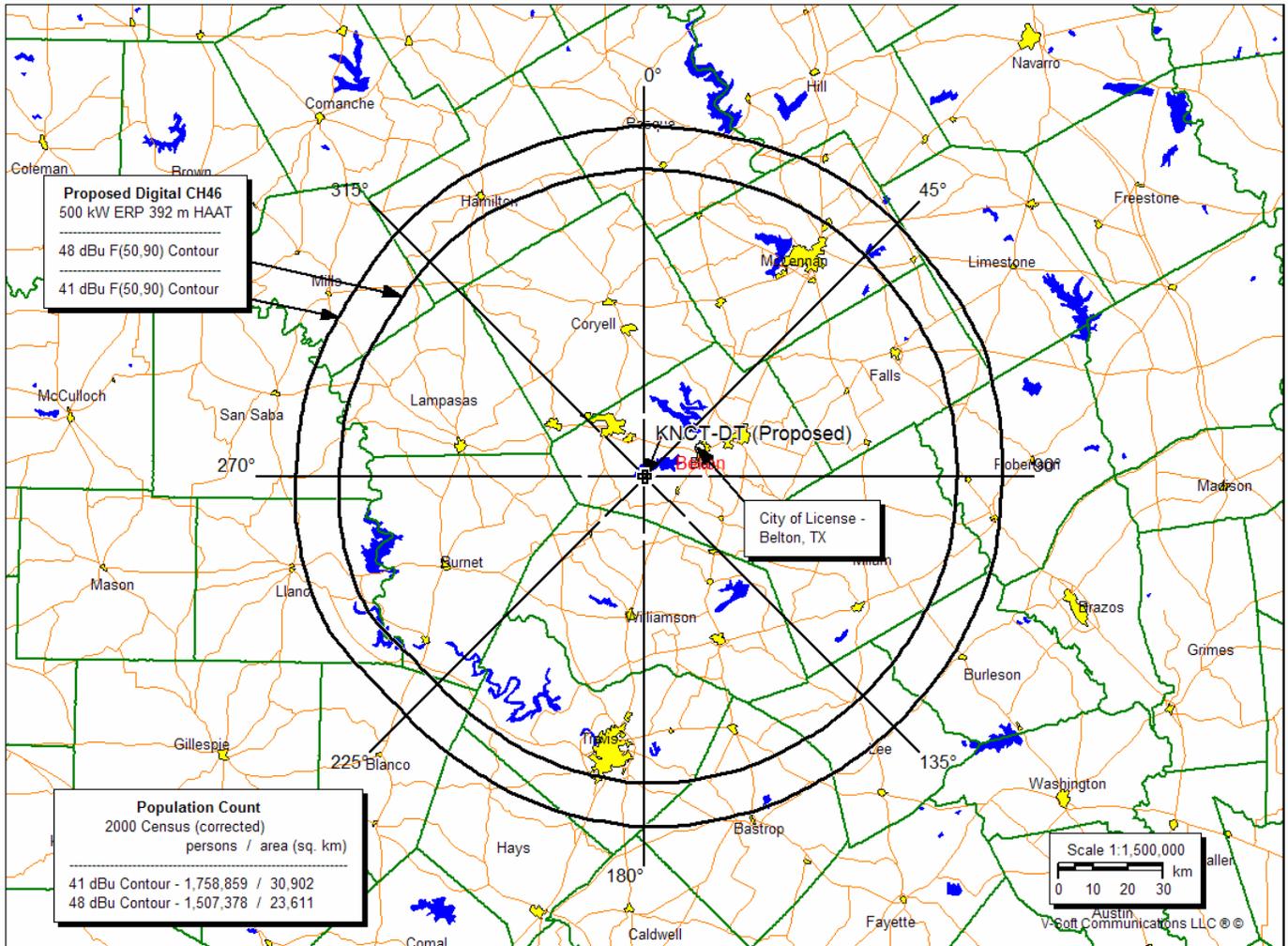


Figure 1

A population study under the 41 dBu contour predicts service to 1,758,859 people. This figure is derived using the corrected 2000 Census.

The proposal is clear of any FCC monitoring stations, quiet zones, and Table Mountain. It is also further than 3.2 km from the nearest AM station.

RF Radiation Exposure Statement

The requirements of Section 73.1307(b) of the FCC Rules regarding human exposure to radio frequency (RF) energy are met under this instant application for the post-transition digital television facility proposed herein.

The proposed KNCT-DT facility utilizes the existing analog top mount antenna located on an existing, multi-use tower structure (ASR 1058073) located near Youngsport, TX. The site is restricted access. The station agrees to maintain full compliance with the safety precautions to workers on the tower (controlled) and the general public (uncontrolled) by reducing or removing radiated power during the time of construction or maintenance on or near the antenna. The station also certifies that it, in coordination with other users of the site, will reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from Radiofrequency Electromagnetic exposure in excess of FCC guidelines.

Table 2 shows the calculations of RF level 2m above ground level for the General Public / Uncontrolled (GP/U) would not exceed 5% of the Maximum Permissible Exposure (MPE) limit. The calculations are shown in the Appendix. The proposed facility is therefore a negligible contributor to the RF environment at all ground level locations and is excluded from the routine environmental evaluation pursuant to Section 1.1307(b) of the FCC Rules.

Call Letters	Channel / Frequency	Distance from RCAGL to 2 m AGL	Worst Case Downward Radiation (Relative Field)	Calculated Power Density (uW/cm ²)	GP/U MPE (uW/cm ²)	Percentage of GP/U MPE
KNCT-DT	CH46 662-668 MHz	338.4 m	0.20	5.84	400	1.32%

Table 2

CONCLUSION

It is respectfully requested that the Commission grant this request for CP for the proposed transmission facility as indicated in the Tech Box of the accompanying Instant Application Form 340.

DECLARATION

Matthew A. Sanderford, Jr., P.E., declares and states that he is a graduate Electrical Engineer with a Bachelor of Science Degree in Electrical Engineering from the University of Texas at El Paso, a Licensed Professional Engineer in the State of Texas, and his qualifications are known to the Federal Communications Commission, and that he is President of MARSAND, INC., a Registered Professional Engineering firm in the State of Texas, and that firm has been retained by the Licensee, to perform the engineering support as contained in this report.

All facts contained herein are true of his own knowledge except where stated to be on information or belief provided by the Licensee, and as to those facts, he believes them to be true.

I declare under penalty of perjury that the foregoing is true and correct.



Matthew A. Sanderford, Jr., P.E.

President - MARSAND, INC.

Executed this 20th day of June, 2008

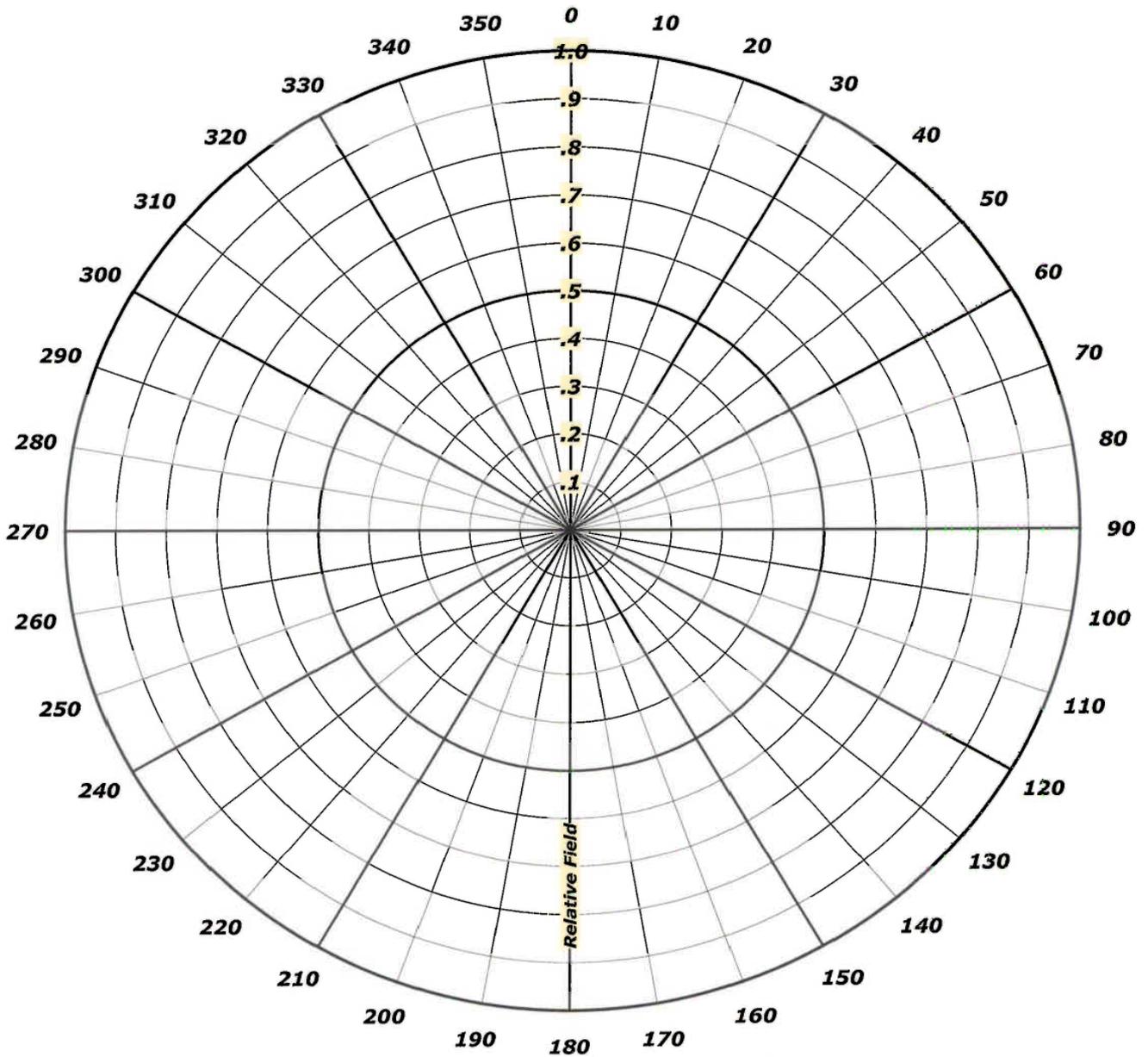
State of Texas

Appendix

ANDREW
AZIMUTH PATTERN

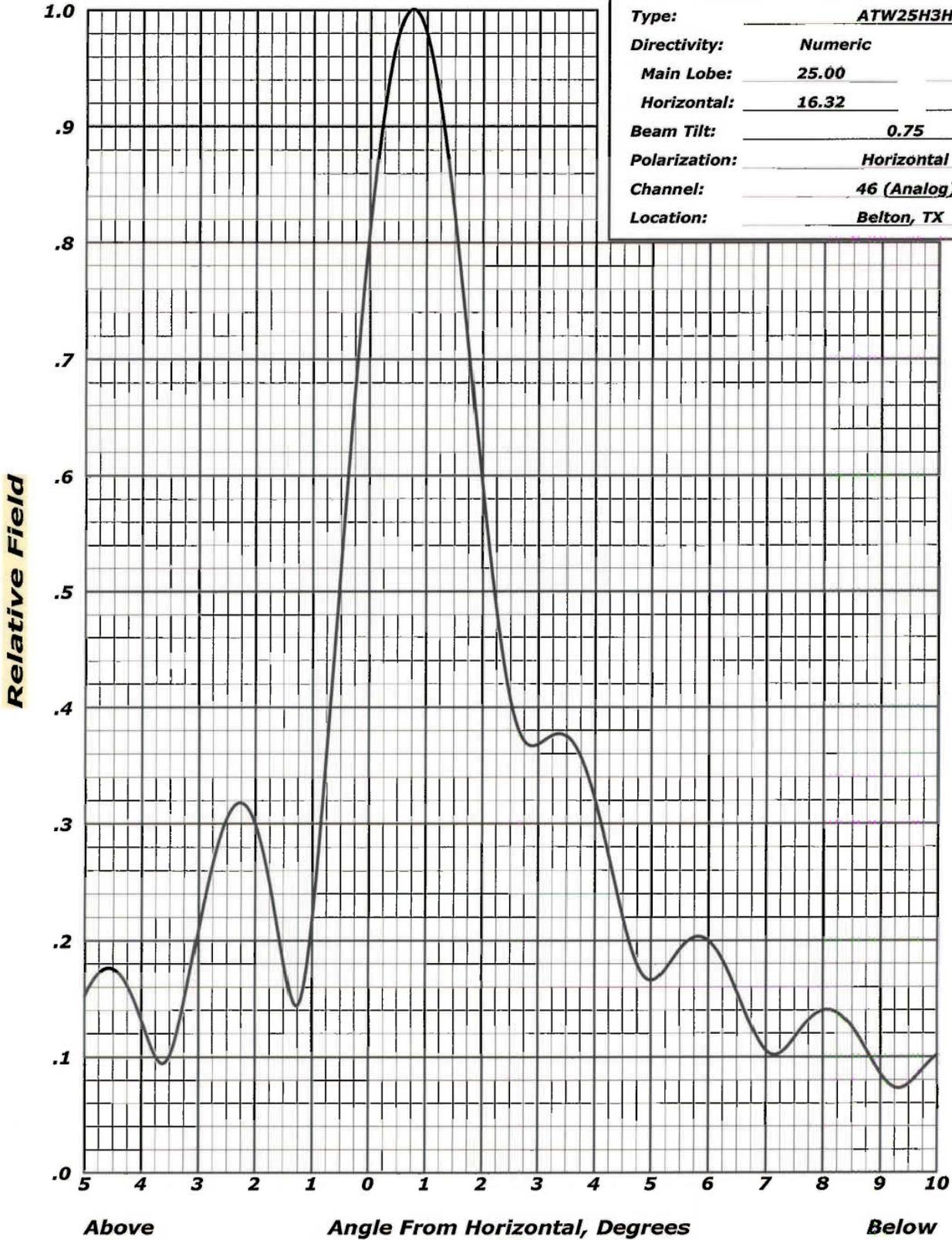
Type: ATW-0

	Numeric	dBd
Directivity:	<u>1.000</u>	<u>(0.00)</u>
Peak(s) At:		
Polarization:	<u>Horizontal</u>	
Channel:	<u>46 (Analog)</u>	
Location:	<u>Belton, TX</u>	



ANDREW
ELEVATION PATTERN

Type:	ATW25H3H	
Directivity:	Numeric	dBd
Main Lobe:	25.00	(13.98)
Horizontal:	16.32	(12.13)
Beam Tilt:	0.75	
Polarization:	Horizontal	
Channel:	46 (Analog)	
Location:	Belton, TX	





TABULATED DATA FOR ELEVATION PATTERN

TYPE : ATW25H3H

Angle Field dB -5 To 10 In 0.25 Increments	Angle Field dB 10 To 90 In 0.5 Increments	Angle Field dB	Angle Field dB
-5.00 0.152 -16.34	8.75 0.106 -19.51	35.00 0.021 -33.57	62.50 0.039 -28.23
-4.75 0.172 -15.28	9.00 0.085 -21.36	35.50 0.026 -31.65	63.00 0.044 -27.12
-4.50 0.175 -15.12	9.25 0.074 -22.65	36.00 0.036 -28.82	63.50 0.045 -26.85
-4.25 0.161 -15.87	9.50 0.077 -22.27	36.50 0.039 -28.15	64.00 0.043 -27.37
-4.00 0.131 -17.63	9.75 0.090 -20.95	37.00 0.033 -29.67	64.50 0.037 -28.73
-3.75 0.100 -19.96	10.00 0.102 -19.85	37.50 0.023 -32.94	65.00 0.028 -31.06
-3.50 0.101 -19.88	10.50 0.105 -19.61	38.00 0.022 -33.11	65.50 0.019 -34.24
-3.25 0.147 -16.63	11.00 0.078 -22.14	38.50 0.032 -29.93	66.00 0.016 -35.72
-3.00 0.209 -13.58	11.50 0.057 -24.93	39.00 0.038 -28.38	66.50 0.022 -33.04
-2.75 0.266 -11.50	12.00 0.074 -22.56	39.50 0.036 -28.89	67.00 0.031 -30.04
-2.50 0.305 -10.31	12.50 0.088 -21.08	40.00 0.027 -31.39	67.50 0.040 -27.96
-2.25 0.318 -9.95	13.00 0.076 -22.41	40.50 0.020 -34.00	68.00 0.046 -26.69
-2.00 0.300 -10.47	13.50 0.051 -25.85	41.00 0.026 -31.77	68.50 0.050 -26.08
-1.75 0.250 -12.03	14.00 0.054 -25.35	41.50 0.035 -29.12	69.00 0.050 -26.03
-1.50 0.182 -14.82	14.50 0.072 -22.83	42.00 0.038 -28.35	69.50 0.047 -26.52
-1.25 0.145 -16.79	15.00 0.072 -22.87	42.50 0.034 -29.47	70.00 0.042 -27.59
-1.00 0.220 -13.17	15.50 0.052 -25.66	43.00 0.024 -32.37	70.50 0.034 -29.36
-0.75 0.361 -8.85	16.00 0.040 -27.86	43.50 0.019 -34.24	71.00 0.025 -32.06
-0.50 0.519 -5.69	16.50 0.056 -25.03	44.00 0.027 -31.43	71.50 0.016 -36.09
-0.25 0.673 -3.44	17.00 0.066 -23.67	44.50 0.035 -29.04	72.00 0.010 -39.72
0.00 0.808 -1.85	17.50 0.055 -25.12	45.00 0.038 -28.43	72.50 0.015 -36.45
0.25 0.912 -0.80	18.00 0.037 -28.56	45.50 0.033 -29.58	73.00 0.024 -32.38
0.50 0.978 -0.19	18.50 0.041 -27.69	46.00 0.024 -32.41	73.50 0.033 -29.61
0.75 1.001 0.01	19.00 0.056 -25.03	46.50 0.019 -34.53	74.00 0.041 -27.72
1.00 0.980 -0.18	19.50 0.057 -24.96	47.00 0.025 -31.94	74.50 0.048 -26.43
1.25 0.919 -0.73	20.00 0.042 -27.62	47.50 0.034 -29.32	75.00 0.053 -25.58
1.50 0.826 -1.66	20.50 0.031 -30.12	48.00 0.038 -28.34	75.50 0.056 -25.06
1.75 0.712 -2.95	21.00 0.043 -27.25	48.50 0.036 -28.96	76.00 0.057 -24.82
2.00 0.592 -4.56	21.50 0.053 -25.52	49.00 0.028 -31.17	76.50 0.057 -24.83
2.25 0.484 -6.31	22.00 0.047 -26.53	49.50 0.020 -34.12	77.00 0.056 -25.05
2.50 0.407 -7.82	22.50 0.032 -29.84	50.00 0.021 -33.40	77.50 0.053 -25.47
2.75 0.371 -8.61	23.00 0.032 -29.99	50.50 0.030 -30.37	78.00 0.050 -26.09
3.00 0.368 -8.68	23.50 0.045 -26.94	51.00 0.037 -28.54	78.50 0.045 -26.91
3.25 0.376 -8.50	24.00 0.049 -26.14	51.50 0.039 -28.17	79.00 0.040 -27.93
3.50 0.375 -8.52	24.50 0.040 -28.01	52.00 0.035 -29.20	79.50 0.035 -29.17
3.75 0.357 -8.95	25.00 0.027 -31.45	52.50 0.026 -31.65	80.00 0.029 -30.66
4.00 0.321 -9.88	25.50 0.032 -29.84	53.00 0.019 -34.44	80.50 0.024 -32.44
4.25 0.271 -11.32	26.00 0.044 -27.11	53.50 0.022 -33.27	81.00 0.019 -34.61
4.50 0.220 -13.16	26.50 0.045 -26.90	54.00 0.031 -30.27	81.50 0.014 -37.32
4.75 0.180 -14.89	27.00 0.034 -29.29	54.50 0.038 -28.41	82.00 0.009 -40.88
5.00 0.166 -15.60	27.50 0.024 -32.32	55.00 0.041 -27.84	82.50 0.005 -46.12
5.25 0.176 -15.10	28.00 0.032 -29.83	55.50 0.038 -28.49	83.00 0.001 -57.04
5.50 0.193 -14.29	28.50 0.042 -27.45	56.00 0.030 -30.39	83.50 0.002 -55.23
5.75 0.203 -13.85	29.00 0.042 -27.56	56.50 0.022 -33.31	84.00 0.004 -47.61
6.00 0.200 -13.98	29.50 0.031 -30.08	57.00 0.019 -34.51	84.50 0.006 -44.35
6.25 0.183 -14.75	30.00 0.024 -32.51	57.50 0.025 -31.87	85.00 0.007 -42.60
6.50 0.156 -16.13	30.50 0.032 -29.90	58.00 0.034 -29.27	85.50 0.008 -41.67
6.75 0.126 -17.96	31.00 0.041 -27.78	58.50 0.041 -27.81	86.00 0.009 -41.30
7.00 0.106 -19.53	31.50 0.040 -28.02	59.00 0.042 -27.44	86.50 0.009 -41.39
7.25 0.104 -19.69	32.00 0.030 -30.59	59.50 0.039 -28.07	87.00 0.008 -41.88
7.50 0.117 -18.67	32.50 0.022 -33.05	60.00 0.032 -29.76	87.50 0.007 -42.81
7.75 0.132 -17.61	33.00 0.030 -30.36	60.50 0.024 -32.52	88.00 0.006 -44.24
8.00 0.140 -17.08	33.50 0.039 -28.07	61.00 0.018 -34.90	88.50 0.005 -46.37
8.25 0.138 -17.22	34.00 0.040 -28.06	61.50 0.022 -33.30	89.00 0.003 -49.63
8.50 0.125 -18.04	34.50 0.030 -30.34	62.00 0.030 -30.32	89.50 0.002 -55.50

Effective Radiated Power Calculations for DTV

Call letters:	KNCT-DT	Date:	6/20/2008
Location:	Belton, TX		
Channel:	46A		
Frequency:	665 MHz Mid-Band	Pilot Freq:	662.31
Antenna:	Andrew ATW25H3-HTO-46H		

Transmitter Power Output (TPO):	27.1 kW avg.	14.33 dBk
Filter Loss:		0 dB
TPO into Xmsn Line:	27.1 kW	14.33 dBk
Transmission Line:		
Loss per 100 ft.:	0.113 dB Vert	0.113 dB Hor
Line Length:	1100 ft. Vert	70 ft. Hor
Total Line Loss:		-1.32 dB

Antenna Input Power:	20.00 kW	13.01 dBk
Efficiency:	73.7548 %	
Elevation Antenna Gain -		
<i>Horizontal -</i>		
<i>Hor. Polarization -</i>	<i>1.00 Gain</i>	<i>0.00 dB</i>
Maximum -		
Hor. Polarization -	25.00 Gain	13.98 dB
Azimuthal Antenna Gain -		
Hor. Polarization -	1.00 Gain	0.00 dB

Horizontal ERP -

<i>Horizontal Polarization:</i>	<i>20.0 kW</i>	<i>13.0 dBk</i>
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Maximum ERP -		
Horizontal Polarization:	500.0 kW	26.99 dBk

ASR Registration 1058073

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ASR Registration Search

Registration 1058073

[Map Registration](#)

Registration Detail

Reg Number	1058073	Status	Constructed
File Number	A0068232	Constructed	01/01/1969
FAA Study	98-ASW-2458-OE	EMI	No
FAA Issue Date	08/19/1998	NEPA	No

Antenna Structure

Structure Type TOWER - Free standing or Guyed Structure used for Communications Purposes

Location (in NAD83 Coordinates)

Lat/Long 30-59-09.0 N 097-37-52.0 W SOUTH OF INT OF RANCH RDS 3481 & 2484
 City, State YOUNGSPORT , TX
 Center of
 AM Array

Heights (meters)

Elevation of Site Above Mean Sea Level	Overall Height Above Ground (AGL)
282.2	347.7
Overall Height Above Mean Sea Level	Overall Height Above Ground w/o Appurtenances
629.9	334.0

Painting and Lighting Specifications

FAA Chapters 3, 4, 5, 9
Paint and Light in Accordance with FAA Circular Number 70/7460-1G

Owner & Contact Information

FRN Licensee ID

Owner

CENTRAL TEXAS COLLEGE	P: (254)526-1176
Attention To: MAX RUDOLPH	E:
P.O. Box 1800	
KILLEEN , TX 76540	

Contact

P:
E:

Last Action Status

Status	Constructed	Received	11/10/1998
Purpose	New	Entered	11/12/1998
Mode	Mail In (Manual)		

Related Applications

11/10/1998 A0068232 - New (NE)

Comments

ASR Registration 1058073

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Comments

02/22/1999 CORRECTED LOCATION ADDRESS BASED ON CORRESPONDENCE FROM OWNER.

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Automated Letters

None

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CLOSE WINDOW

Radio Frequency Radiation Human Exposure Calculations

Call letters: **KNCT-DT** Date: **6/20/2008**
 City of License: **Belton, TX**
 Channel: **46A**

Reference:

FCC Rules Section 73.1307(b) & 73.1310
OET Bulletin No. 65 Edition 97-01, August, 1997
OET Bulletin No. 56

DTV Average Power **500,000 W ERP**

Typical relative field factor in the downward direction: **0.20**
 (conservative estimate)

Antenna Radiation Center Above Ground Level (RCAGL): **340.4 m**

Occupational/Controlled (O/C) Exposure

Highest Calculated Power Density: **5.77 $\mu\text{W}/\text{cm}^2$**

Maximum Permissible Exposure (MPE) for this Channel -

Frequency (middle of the band): **665 MHz**
 MPE O/C Limit (6 minutes average): **2.2 mW/cm^2**
 Percentage of MPE O/C Limit: **0.26 %**

General Population/Uncontrolled (GP/U) Exposure

Typical height of a person's head standing at ground level: **2 m**
 Distance from head height to antenna radiation center: **338.4 m**
 Highest Calculated Power Density: **5.84 $\mu\text{W}/\text{cm}^2$**

Maximum Permissible Exposure (MPE) for this Channel -

Frequency (middle of the band): **665 MHz**
 MPE GP/U Limit (30 minutes average): **0.4 mW/cm^2**
 Percentage of MPE GP/U Limit: **1.32 %**

Matthew A. Sanderford, Jr., P.E.

TW Census data selected 2000

Post Transition Data Base Selected /space/software/cdbs/pt_tvdb.sff

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 06-19-2008 Time: 20:54:20

Record Selected for Analysis

KNCT-DT USERRECORD-01 BELTON TX US
 Channel 46 ERP 500. kW HAAT 393. m RCAMSL 00623 m
 Latitude 030-59-08 Longitude 0097-37-51
 Status APP Zone 2 Border
 Last update Cutoff date Docket
 Comments
 Applicant

Cell Size for Service Analysis 2.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Facility meets maximum height/power limits

Azimuth (Deg)	ERP (kW)	HAAT (m)	41.0 dBu F(50,90) (km)
0.0	500.000	396.3	99.4
45.0	500.000	419.7	101.1
90.0	500.000	422.0	101.3
135.0	500.000	404.7	100.0
180.0	500.000	387.3	98.7
225.0	500.000	344.9	95.4
270.0	500.000	387.7	98.7
315.0	500.000	379.4	98.1

Evaluation toward Class A Stations

Contour overlap to Class A station

KPLE-CA 31 KILLEEN TX BLTTL 19930713IH

Class A Evaluation Complete

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quiet zone

Proposed facility OK toward Table Mountain

Matthew A. Sanderford, Jr., P.E.

Proposed facility is beyond the Canadian coordination distance

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

	Proposed Station		
Channel	Call	City/State	ARN
46	KNCT-DT	BELTON TX	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
31	KTFO-CA	AUSTIN TX	75.4	LIC	BLTTL	-20010403AAM
31	KHPG-CA	GIDDINGS TX	111.5	LIC	BLTTA	-20020913AAQ
31	KHPG-CA	GIDDINGS TX	112.6	APP	BSTA	-20080207AOV
31	KPLE-CA	KILLEEN TX	15.1	LIC	BLTTL	-19930713IH
32	KGBS-CA	AUSTIN TX	75.8	APP	BSTA	-20060803AGH
32	KGBS-CA	AUSTIN TX	75.8	APP	BPTTA	-20060403AOU
32	KGBS-CA	AUSTIN TX	75.9	LIC	BLTTA	-20040217ACL
44	KHPF-CA	FREDERICKSBURG TX	144.7	LIC	BLTTA	-20021004AAC
45	KHPB-CA	BASTROP TX	100.8	CP	BDFCDTA	-20060330ACV
45	KHPB-CA	BASTROP TX	100.8	LIC	BLTTA	-20020405ABF
45	KDTX-TV	DALLAS TX	184.4	CP MOD	BMPCDT	-20030417ABJ
45	KDTX-TV	DALLAS TX	184.4	PLN	DTVPLN	-DTVP1633
46	KTAQ	GREENVILLE TX	184.4	LIC	BLCDDT	-20040414ACS
46	KTAQ	GREENVILLE TX	184.4	PLN	DTVPLN	-DTVP1659

Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
31	KTFO-CA	AUSTIN TX	BLTTL	-20010403AAM

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
24	KVUE	AUSTIN TX	0.2	LIC	BLCT	-20050113ACX
27	KXAM-TV	LLANO TX	83.1	CP	BPCDT	-19991018AAV
27	KXAM-TV	LLANO TX	83.1	PLN	DTVPLN	-DTVP1020
28	KYLE	BRYAN TX	137.8	PLN	DTVPLN	-DTVP1058
30	KABB	SAN ANTONIO TX	123.3	CP	BPCDT	-19991028AAR
30	KABB	SAN ANTONIO TX	123.3	PLN	DTVPLN	-DTVP1124
31	KHPG-CA	GIDDINGS TX	84.9	LIC	BLTTA	-20020913AAQ
31	KHPG-CA	GIDDINGS TX	87.4	APP	BSTA	-20080207AOV
31	KPLE-CA	KILLEEN TX	84.3	LIC	BLTTL	-19930713IH
31	KFXK	LONGVIEW TX	345.9	LIC	BLCDDT	-20060705AAW
31	KFXK	LONGVIEW TX	345.9	PLN	DTVPLN	-DTVP1162
31	KVDF-CA	SAN ANTONIO TX	119.3	LIC	BLTTL	-19980102JB

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31	KVHM-LP	VICTORIA TX	190.1	LIC	BLTTL	-19980616JF
32	KGBS-CA	AUSTIN TX	0.5	APP	BSTA	-20060803AGH
32	KGBS-CA	AUSTIN TX	0.5	APP	BPTTA	-20060403AOU
32	KGBS-CA	AUSTIN TX	0.5	LIC	BLTTA	-20040217ACL
32	NEW	CONVERSE TX	97.8	ADD	BPRM	-19960725AAR
32	KMYS	KERRVILLE TX	131.6	LIC	BLCDT	-20060608ACW
32	KMYS	KERRVILLE TX	131.6	PLN	DTVPLN	-DTVP1199
33	KVUE	AUSTIN TX	0.2	LIC	BLCDT	-20050624AAI
33	KVUE	AUSTIN TX	0.2	PLN	DTVPLN	-DTVP1230
38	KVDA	SAN ANTONIO TX	122.6	LIC	BLCDT	-20021015ABQ
38	KVDA	SAN ANTONIO TX	122.6	PLN	DTVPLN	-DTVP1387
39	KENS-TV	SAN ANTONIO TX	125.4	APP	BPCDT	-20080303ALJ
39	KENS-TV	SAN ANTONIO TX	125.5	PLN	DTVPLN	-DTVP1421
46	KNCT	BELTON TX	75.5	LIC	BLCT	-2369
46	KNCT	BELTON TX	75.4	PLN	DTVPLN	-DTVP1658
46	KNCT-DT	BELTON TX	75.4	APP	USERRECORD-01	

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
31	KHPG-CA	GIDDINGS TX	BLTTA	-20020913AAQ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
24	KVUE	AUSTIN TX	84.9	LIC	BLCT	-20050113ACX
28	KYLE	BRYAN TX	74.4	PLN	DTVPLN	-DTVP1058
31	KTFO-CA	AUSTIN TX	84.9	LIC	BLTTL	-20010403AAM
31	KFXK	LONGVIEW TX	298.1	LIC	BLCDT	-20060705AAW
31	KFXK	LONGVIEW TX	298.1	PLN	DTVPLN	-DTVP1162
31	KVHM-LP	VICTORIA TX	157.2	LIC	BLTTL	-19980616JF
33	KVUE	AUSTIN TX	84.9	LIC	BLCDT	-20050624AAI
33	KVUE	AUSTIN TX	84.9	PLN	DTVPLN	-DTVP1230
46	KNCT	BELTON TX	111.6	LIC	BLCT	-2369
46	KNCT	BELTON TX	111.5	PLN	DTVPLN	-DTVP1658
46	KNCT-DT	BELTON TX	111.5	APP	USERRECORD-01	

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
31	KHPG-CA	GIDDINGS TX	BSTA	-20080207AOV

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Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
24	KVUE	AUSTIN TX	87.5	LIC	BLCT	-20050113ACX
28	KYLE	BRYAN TX	72.1	PLN	DTVPLN	-DTVP1058
31	KTFO-CA	AUSTIN TX	87.4	LIC	BLTTL	-20010403AAM
31	KFXK	LONGVIEW TX	295.9	LIC	BLCDT	-20060705AAW
31	KFXK	LONGVIEW TX	295.9	PLN	DTVPLN	-DTVP1162
31	KVHM-LP	VICTORIA TX	158.1	LIC	BLTTL	-19980616JF
33	KVUE	AUSTIN TX	87.5	LIC	BLCDT	-20050624AAI
33	KVUE	AUSTIN TX	87.5	PLN	DTVPLN	-DTVP1230
46	KNCT	BELTON TX	112.6	LIC	BLCT	-2369
46	KNCT	BELTON TX	112.6	PLN	DTVPLN	-DTVP1658
46	KNCT-DT	BELTON TX	112.6	APP	USERRECORD-01	

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
31	KPLE-CA	KILLEEN TX	BLTTL	-19930713IH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
24	KVUE	AUSTIN TX	84.5	LIC	BLCT	-20050113ACX
27	KXAM-TV	LLANO TX	90.3	CP	BPCDT	-19991018AAV
27	KXAM-TV	LLANO TX	90.3	PLN	DTVPLN	-DTVP1020
28	KYLE	BRYAN TX	133.1	PLN	DTVPLN	-DTVP1058
31	KTFO-CA	AUSTIN TX	84.3	LIC	BLTTL	-20010403AAM
31	KHPG-CA	GIDDINGS TX	126.5	LIC	BLTTA	-20020913AAQ
31	KHPG-CA	GIDDINGS TX	127.6	APP	BSTA	-20080207AOV
31	KGSW-LP	KEENE TX	152.3	LIC	BLTTL	-20050819ACA
31	KFXK	LONGVIEW TX	295.0	LIC	BLCDT	-20060705AAW
31	KFXK	LONGVIEW TX	295.0	PLN	DTVPLN	-DTVP1162
33	KVUE	AUSTIN TX	84.5	LIC	BLCDT	-20050624AAI
33	KVUE	AUSTIN TX	84.5	PLN	DTVPLN	-DTVP1230
46	KNCT	BELTON TX	15.1	LIC	BLCT	-2369
46	KNCT	BELTON TX	15.1	PLN	DTVPLN	-DTVP1658
46	KNCT-DT	BELTON TX	15.1	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application	Ref. No.

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32 KGBS-CA AUSTIN TX BSTA -20060803AGH

Stations Potentially Affecting This Station

Table with columns: Chan, Call, City/State, Dist(km), Status, Application Ref. No. Rows include stations like KXXV, KYLE, KABB, KTFB-CA, KTAB-TV, KPXB, NEW, KDAF, KMYS, KVUE, KWBU-TV, KXAN-TV, KENS-TV, KNCT, KTXU-LP, KNCT-DT.

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 6

Analysis of current record

Table with columns: Channel, Call, City/State, Application Ref. No. Row: 32 KGBS-CA AUSTIN TX BPTTA -20060403AOU

Stations Potentially Affecting This Station

Table with columns: Chan, Call, City/State, Dist(km), Status, Application Ref. No. Rows include stations like KXXV, KYLE, KABB, KTFB-CA, KTAB-TV, KPXB, NEW.

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32	KDAF	DALLAS TX	259.8	LIC	BLCDDT	-20010606ABJ
32	KDAF	DALLAS TX	259.8	PLN	DTVPLN	-DTVP1198
32	KMYS	KERRVILLE TX	131.3	LIC	BLCDDT	-20060608ACW
32	KMYS	KERRVILLE TX	131.3	PLN	DTVPLN	-DTVP1199
33	KVUE	AUSTIN TX	0.3	LIC	BLCDDT	-20050624AAI
33	KVUE	AUSTIN TX	0.3	PLN	DTVPLN	-DTVP1230
34	KWBU-TV	WACO TX	119.6	LIC	BLET	-20020822ABU
35	KMYS	KERRVILLE TX	131.3	LIC	BLCT	-20060109AAH
36	KXAN-TV	AUSTIN TX	0.7	LIC	BLCT	-19971202KF
39	KENS-TV	SAN ANTONIO TX	125.0	APP	BPCDDT	-20080303ALJ
39	KENS-TV	SAN ANTONIO TX	125.1	PLN	DTVPLN	-DTVP1421
46	KNCT	BELTON TX	76.0	LIC	BLCT	-2369
46	KNCT	BELTON TX	75.8	PLN	DTVPLN	-DTVP1658
47	KTXU-LP	WEST LAKE HILLS TX	0.5	LIC	BLTTTL	-20050124ADH
46	KNCT-DT	BELTON TX	75.8	APP	USERRECORD-01	

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
32	KGBS-CA	AUSTIN TX	BLTTA	-20040217ACL

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
25	KXXV	WACO TX	122.6	LIC	BLCT	-20050715ABA
28	KYLE	BRYAN TX	137.9	PLN	DTVPLN	-DTVP1058
30	KABB	SAN ANTONIO TX	122.9	CP	BPCDDT	-19991028AAR
30	KABB	SAN ANTONIO TX	122.9	PLN	DTVPLN	-DTVP1124
31	KTFO-CA	AUSTIN TX	0.5	LIC	BLTTTL	-20010403AAM
32	KTAB-TV	ABILENE TX	276.5	LIC	BLCT	-19990329KF
32	KPXB	CONROE TX	235.8	CP	BPCDDT	-20080311ACQ
32	KPXB	CONROE TX	235.8	PLN	DTVPLN	-DTVP1197
32	NEW	CONVERSE TX	97.4	ADD	BPRM	-19960725AAR
32	KDAF	DALLAS TX	259.8	LIC	BLCDDT	-20010606ABJ
32	KDAF	DALLAS TX	259.8	PLN	DTVPLN	-DTVP1198
32	KMYS	KERRVILLE TX	131.3	LIC	BLCDDT	-20060608ACW
32	KMYS	KERRVILLE TX	131.3	PLN	DTVPLN	-DTVP1199
33	KVUE	AUSTIN TX	0.3	LIC	BLCDDT	-20050624AAI
33	KVUE	AUSTIN TX	0.3	PLN	DTVPLN	-DTVP1230
39	KENS-TV	SAN ANTONIO TX	124.9	APP	BPCDDT	-20080303ALJ
39	KENS-TV	SAN ANTONIO TX	125.0	PLN	DTVPLN	-DTVP1421
46	KNCT	BELTON TX	76.0	LIC	BLCT	-2369
46	KNCT	BELTON TX	75.9	PLN	DTVPLN	-DTVP1658
47	KTXU-LP	WEST LAKE HILLS TX	0.5	LIC	BLTTTL	-20050124ADH
46	KNCT-DT	BELTON TX	75.9	APP	USERRECORD-01	

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 8

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
44	KHPF-CA	FREDERICKSBURG TX	BLTTA	-20021004AAC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
41	KWEX-TV	SAN ANTONIO TX	123.3	CP	BPCDT	-20080313ACM
41	KWEX-TV	SAN ANTONIO TX	123.3	PLN	DTVPLN	-DTVP1487
43	KEYE-TV	AUSTIN TX	104.3	LIC	BLCDT	-20031001BGN
43	KEYE-TV	AUSTIN TX	104.3	PLN	DTVPLN	-DTVP1556
44	NEW	ABILENE TX	239.4	APP	BNPTTL	-20000830BHN
44	KZJL	HOUSTON TX	334.5	CP MOD	BMPCDT	-20041101AFY
44	KZJL	HOUSTON TX	334.5	PLN	DTVPLN	-DTVP1594
44	KGMM-CA	SAN ANTONIO TX	123.3	LIC	BLTTA	-20040406AAU
44	KWKT	WACO TX	189.6	LIC	BLCT	-20050314AFV
44	KWKT	WACO TX	189.6	PLN	DTVPLN	-DTVP1595
44	KWKT	WACO TX	189.6	CP	BPCDT	-20080519ABE
46	KNCT	BELTON TX	144.7	PLN	DTVPLN	-DTVP1658
48	WOAI-TV	SAN ANTONIO TX	125.3	APP	BPCDT	-20080304AAH
48	WOAI-TV	SAN ANTONIO TX	125.4	PLN	DTVPLN	-DTVP1723
46	KNCT-DT	BELTON TX	144.7	APP	USERRECORD-01	

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 9

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
45	KHPB-CA	BASTROP TX	BDFCDTA	-20060330ACV

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
44	KZJL	HOUSTON TX	177.4	CP MOD	BMPCDT	-20041101AFY
44	KZJL	HOUSTON TX	177.4	PLN	DTVPLN	-DTVP1594
44	KWKT	WACO TX	129.9	PLN	DTVPLN	-DTVP1595
44	KWKT	WACO TX	129.9	CP	BPCDT	-20080519ABE
45	KDTX-TV	DALLAS TX	267.2	CP MOD	BMPCDT	-20030417ABJ
45	KDTX-TV	DALLAS TX	267.2	PLN	DTVPLN	-DTVP1633
45	KXLN-TV	ROSENBERG TX	177.4	PLN	DTVPLN	-DTVP1634
45	KXLN-TV	ROSENBERG TX	177.4	CP	BPCDT	-20080228ABL
46	KNCT	BELTON TX	100.8	PLN	DTVPLN	-DTVP1658
46	KNCT-DT	BELTON TX	100.8	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 10

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
45	KHPB-CA	BASTROP TX	BLTTA	-20020405ABF

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
38	KVDA	SAN ANTONIO TX	138.1	LIC	BLCDDT	-20021015ABQ
38	KVDA	SAN ANTONIO TX	138.1	PLN	DTVPLN	-DTVP1387
41	KWEX-TV	SAN ANTONIO TX	138.1	CP	BPCDDT	-20080313ACM
41	KWEX-TV	SAN ANTONIO TX	138.1	PLN	DTVPLN	-DTVP1487
43	KEYE-TV	AUSTIN TX	59.1	LIC	BLCDDT	-20031001BGN
43	KEYE-TV	AUSTIN TX	59.1	PLN	DTVPLN	-DTVP1556
44	KWKT	WACO TX	129.9	LIC	BLCT	-20050314AFV
44	KWKT	WACO TX	129.8	PLN	DTVPLN	-DTVP1595
44	KWKT	WACO TX	129.9	CP	BPCDDT	-20080519ABE
45	KXCC-CA	CORPUS CHRISTI TX	262.2	LIC	BLTTTL	-19931126JE
45	KDTX-TV	DALLAS TX	267.2	CP MOD	BMPCDDT	-20030417ABJ
45	KDTX-TV	DALLAS TX	267.2	PLN	DTVPLN	-DTVP1633
45	K45DX	FLORESVILLE TX	144.5	LIC	BLTTTL	-20001108ABZ
45	KXLN-TV	ROSENBERG TX	177.4	LIC	BLCT	-20010514ABJ
45	KXLN-TV	ROSENBERG TX	177.4	PLN	DTVPLN	-DTVP1634
45	KXLN-TV	ROSENBERG TX	177.4	CP	BPCDDT	-20080228ABL
45	K45IN	VICTORIA TX	177.6	APP	BPTTL	-20080227ADK
46	KNCT	BELTON TX	100.9	LIC	BLCT	-2369
46	KNCT	BELTON TX	100.8	PLN	DTVPLN	-DTVP1658
48	WOAI-TV	SAN ANTONIO TX	140.5	APP	BPCDDT	-20080304AAH
48	WOAI-TV	SAN ANTONIO TX	140.5	PLN	DTVPLN	-DTVP1723
49	KNVA	AUSTIN TX	58.9	CP MOD	BMPCDDT	-20060623AAC
49	KNVA	AUSTIN TX	58.9	PLN	DTVPLN	-DTVP1752
49	KNVA	AUSTIN TX	58.9	LIC	BLCDDT	-20060721ABF
60	KVDA	SAN ANTONIO TX	138.1	LIC	BMLCT	-20020319ABS
46	KNCT-DT	BELTON TX	100.8	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 11

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
45	KDTX-TV	DALLAS TX	BMPCDDT	-20030417ABJ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
44	KWKT	WACO TX	140.9	PLN	DTVPLN	-DTVP1595
44	KWKT	WACO TX	140.9	CP	BPCDDT	-20080519ABE
45	KOTV	TULSA OK	404.1	CP	BPCDDT	-20080317AEZ

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45	KOTV	TULSA OK	404.1	PLN	DTVPLN	-DTVP1627
45	KXLN-TV	ROSENBERG TX	358.9	PLN	DTVPLN	-DTVP1634
45	KXLN-TV	ROSENBERG TX	358.9	CP	BPCDT	-20080228ABL
46	KNCT	BELTON TX	184.4	PLN	DTVPLN	-DTVP1658
46	KTAQ	GREENVILLE TX	0.0	LIC	BLCDT	-20040414ACS
46	KTAQ	GREENVILLE TX	0.0	PLN	DTVPLN	-DTVP1659
46	KNCT-DT	BELTON TX	184.4	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 12

Analysis of current record

Channel	Call	City/State	Application Ref. No.
45	KDTX-TV	DALLAS TX	DTVPLN -DTVP1633

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
44	KWKT	WACO TX	140.9	PLN	DTVPLN -DTVP1595
44	KWKT	WACO TX	140.9	CP	BPCDT -20080519ABE
45	KOTV	TULSA OK	404.1	CP	BPCDT -20080317AEZ
45	KOTV	TULSA OK	404.1	PLN	DTVPLN -DTVP1627
45	KXLN-TV	ROSENBERG TX	358.9	PLN	DTVPLN -DTVP1634
45	KXLN-TV	ROSENBERG TX	358.9	CP	BPCDT -20080228ABL
46	KNCT	BELTON TX	184.4	PLN	DTVPLN -DTVP1658
46	KTAQ	GREENVILLE TX	0.0	LIC	BLCDT -20040414ACS
46	KTAQ	GREENVILLE TX	0.0	PLN	DTVPLN -DTVP1659
46	KNCT-DT	BELTON TX	184.4	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 13

Analysis of current record

Channel	Call	City/State	Application Ref. No.
46	KTAQ	GREENVILLE TX	BLCDT -20040414ACS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
45	KDTX-TV	DALLAS TX	0.0	CP MOD	BMPCDT -20030417ABJ
45	KDTX-TV	DALLAS TX	0.0	PLN	DTVPLN -DTVP1633
46	KOCM	NORMAN OK	343.0	PLN	DTVPLN -DTVP1654
46	KOCM	NORMAN OK	343.0	CP	BPCDT -20080317AAI
46	KNCT	BELTON TX	184.4	PLN	DTVPLN -DTVP1658
46	KNCT-DT	BELTON TX	184.4	APP	USERRECORD-01

Total scenarios = 2

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Result key: 1
 Scenario 1 Affected station 13
 Before Analysis

Results for: 46A TX GREENVILLE BLCDT 20040414ACS LIC
 HAAT 496.0 m, ATV ERP 600.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5318453	31231.2
not affected by terrain losses	5316544	31034.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	3009	405.7
lost to ATV IX only	3009	405.7
lost to all IX	3009	405.7

Potential Interfering Stations Included in above Scenario 1

46A OK NORMAN	DTVPLN	DTVP1654	PLN
46A TX BELTON	DTVPLN	DTVP1658	PLN

After Analysis

Results for: 46A TX GREENVILLE BLCDT 20040414ACS LIC
 HAAT 496.0 m, ATV ERP 600.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5318453	31231.2
not affected by terrain losses	5316544	31034.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	9461	863.5
lost to ATV IX only	9461	863.5
lost to all IX	9461	863.5

Potential Interfering Stations Included in above Scenario 1

46A OK NORMAN	DTVPLN	DTVP1654	PLN
46A TX BELTON	USERRECORD01		APP

Percent new IX = 0.1214%

Result key: 2
 Scenario 2 Affected station 13
 Before Analysis

Results for: 46A TX GREENVILLE BLCDT 20040414ACS LIC
 HAAT 496.0 m, ATV ERP 600.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5318453	31231.2
not affected by terrain losses	5316544	31034.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	3009	405.7
lost to ATV IX only	3009	405.7
lost to all IX	3009	405.7

Potential Interfering Stations Included in above Scenario 2

46A OK NORMAN	BPCDT	20080317AAI	CP
46A TX BELTON	DTVPLN	DTVP1658	PLN

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After Analysis

Results for: 46A TX GREENVILLE BLCDT 20040414ACS LIC
 HAAT 496.0 m, ATV ERP 600.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5318453	31231.2
not affected by terrain losses	5316544	31034.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	9461	863.5
lost to ATV IX only	9461	863.5
lost to all IX	9461	863.5

Potential Interfering Stations Included in above Scenario 2

46A OK NORMAN	BPCDT	20080317AAI	CP
46A TX BELTON	USERRECORD01		APP

Percent new IX = 0.1214%

Worst case new IX 0.1214% Scenario 1

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Analysis of Interference to Affected Station 14

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
46	KTAQ	GREENVILLE TX	DTVPLN	-DTVP1659

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
45	KDTX-TV	DALLAS TX	0.0	CP MOD	BMPCDT	-20030417ABJ
45	KDTX-TV	DALLAS TX	0.0	PLN	DTVPLN	-DTVP1633
46	KOCM	NORMAN OK	343.0	PLN	DTVPLN	-DTVP1654
46	KOCM	NORMAN OK	343.0	CP	BPCDT	-20080317AAI
46	KNCT	BELTON TX	184.4	PLN	DTVPLN	-DTVP1658
46	KNCT-DT	BELTON TX	184.4	APP	USERRECORD-01	

Total scenarios = 2

Result key: 3
 Scenario 1 Affected station 14
 Before Analysis

Results for: 46A TX GREENVILLE DTVPLN DTVP1659 PLN
 HAAT 496.0 m, ATV ERP 600.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5318453	31231.2
not affected by terrain losses	5316544	31034.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	3009	405.7
lost to ATV IX only	3009	405.7
lost to all IX	3009	405.7

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Potential Interfering Stations Included in above Scenario 1

46A OK NORMAN	DTVPLN	DTVP1654	PLN
46A TX BELTON	DTVPLN	DTVP1658	PLN

After Analysis

Results for: 46A TX GREENVILLE DTVPLN DTVP1659 PLN

HAAT 496.0 m, ATV ERP 600.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5318453	31231.2
not affected by terrain losses	5316544	31034.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	9461	863.5
lost to ATV IX only	9461	863.5
lost to all IX	9461	863.5

Potential Interfering Stations Included in above Scenario 1

46A OK NORMAN	DTVPLN	DTVP1654	PLN
46A TX BELTON	USERRECORD01		APP

Percent new IX = 0.1214%

Result key: 4
 Scenario 2 Affected station 14
 Before Analysis

Results for: 46A TX GREENVILLE DTVPLN DTVP1659 PLN

HAAT 496.0 m, ATV ERP 600.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5318453	31231.2
not affected by terrain losses	5316544	31034.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	3009	405.7
lost to ATV IX only	3009	405.7
lost to all IX	3009	405.7

Potential Interfering Stations Included in above Scenario 2

46A OK NORMAN	BPCDT	20080317AAI	CP
46A TX BELTON	DTVPLN	DTVP1658	PLN

After Analysis

Results for: 46A TX GREENVILLE DTVPLN DTVP1659 PLN

HAAT 496.0 m, ATV ERP 600.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5318453	31231.2
not affected by terrain losses	5316544	31034.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	9461	863.5
lost to ATV IX only	9461	863.5
lost to all IX	9461	863.5

Potential Interfering Stations Included in above Scenario 2

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46A OK NORMAN BPCDT 20080317AAI CP
46A TX BELTON USERRECORD01 APP

Percent new IX = 0.1214%

Worst case new IX 0.1214% Scenario 1

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Analysis of Interference to Affected Station 15

Analysis of current record

Channel Call City/State Application Ref. No.
46 KNCT-DT BELTON TX USERRECORD-01

Stations Potentially Affecting This Station

Table with columns: Chan, Call, City/State, Dist(km), Status, Application Ref. No.
45 KDTX-TV DALLAS TX 184.4 CP MOD BMPCDT -20030417ABJ
45 KDTX-TV DALLAS TX 184.4 PLN DTVPLN -DTVP1633
46 KTAQ GREENVILLE TX 184.4 LIC BLCDT -20040414ACS
46 KTAQ GREENVILLE TX 184.4 PLN DTVPLN -DTVP1659

Total scenarios = 2

Result key: 5
Scenario 1 Affected station 15
Before Analysis

Results for: 46A TX BELTON USERRECORD01 APP

Table with columns: HAAT, POPULATION, AREA (sq km)
HAAT 393.0 m, ATV ERP 500.0 kW
within Noise Limited Contour 1748728 30067.6
not affected by terrain losses 1734646 29498.4
lost to NTSC IX 0 0.0
lost to additional IX by ATV 13674 831.6
lost to ATV IX only 13674 831.6
lost to all IX 13674 831.6

Potential Interfering Stations Included in above Scenario 1

46A TX GREENVILLE BLCDT 20040414ACS LIC

Result key: 6
Scenario 2 Affected station 15
Before Analysis

Results for: 46A TX BELTON USERRECORD01 APP

Table with columns: HAAT, POPULATION, AREA (sq km)
HAAT 393.0 m, ATV ERP 500.0 kW
within Noise Limited Contour 1748728 30067.6
not affected by terrain losses 1734646 29498.4
lost to NTSC IX 0 0.0

Matthew A. Sanderford, Jr., P.E.

lost to additional IX by ATV	13674	831.6
lost to ATV IX only	13674	831.6
lost to all IX	13674	831.6

Potential Interfering Stations Included in above Scenario 2

46A TX GREENVILLE DTVPLN DTVP1659 PLN

#####

FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED

Federal Communications Commission Washington, D.C. 20554 <p style="text-align: center;">FCC 340</p>	Approved by OMB 3060-0029 (January 2008)	FOR FCC USE ONLY FOR COMMISSION USE ONLY FILE NO. -
<p>APPLICATION FOR CONSTRUCTION PERMIT FOR RESERVED CHANNEL NONCOMMERCIAL EDUCATIONAL BROADCAST STATION</p> <p>Read INSTRUCTIONS Before Filling Out Form</p>		

Section I - General Information

1.	Legal Name of the Licensee/Permittee CENTRAL TEXAS COLLEGE Mailing Address P.O. BOX 1800 <table border="1" style="width: 100%;"> <tr> <td style="width: 33%;">City KILLEEN</td> <td style="width: 33%;">State or Country (if foreign address) TX</td> <td style="width: 33%;">Zip Code 76540 - 1800</td> </tr> <tr> <td>Telephone Number (include area code) 2545261176</td> <td colspan="2">E-Mail Address (if available) MAX.RUDOLPH@KNCT.ORG</td> </tr> <tr> <td>FCC Registration Number:</td> <td>Call Sign KNCT-DT</td> <td>Facility Identifier 9754</td> </tr> </table>	City KILLEEN	State or Country (if foreign address) TX	Zip Code 76540 - 1800	Telephone Number (include area code) 2545261176	E-Mail Address (if available) MAX.RUDOLPH@KNCT.ORG		FCC Registration Number:	Call Sign KNCT-DT	Facility Identifier 9754
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Telephone Number (include area code) 2545261176	E-Mail Address (if available) MAX.RUDOLPH@KNCT.ORG									
FCC Registration Number:	Call Sign KNCT-DT	Facility Identifier 9754								
2.	Contact Representative (if other than licensee/Permittee) ERNEST T. SANCHEZ Mailing Address 2300 M STREET N.W. SUITE 800 <table border="1" style="width: 100%;"> <tr> <td style="width: 33%;">City WASHINGTON</td> <td style="width: 33%;">State or Country (if foreign address) DC</td> <td style="width: 33%;">ZIP Code 20037 -</td> </tr> <tr> <td>Telephone Number (include area code) 2022372814</td> <td colspan="2">E-Mail Address (if available) ESANCHE1@IX.NETCOM.COM</td> </tr> </table>	City WASHINGTON	State or Country (if foreign address) DC	ZIP Code 20037 -	Telephone Number (include area code) 2022372814	E-Mail Address (if available) ESANCHE1@IX.NETCOM.COM				
City WASHINGTON	State or Country (if foreign address) DC	ZIP Code 20037 -								
Telephone Number (include area code) 2022372814	E-Mail Address (if available) ESANCHE1@IX.NETCOM.COM									
3.	Is this application being filed in response to a window? If Yes, specify closing date and/or window number: <input type="radio"/> Yes <input type="radio"/> No									
4.	<p>Application Purpose</p> <table style="width: 100%;"> <tr> <td><input type="radio"/> New station</td> <td><input type="radio"/> Major Modification of construction permit</td> </tr> <tr> <td><input type="radio"/> Major Change in licensed facility</td> <td><input type="radio"/> Minor Modification of construction permit</td> </tr> <tr> <td><input type="radio"/> Minor Change in licensed facility</td> <td><input type="radio"/> Major Amendment to pending application</td> </tr> <tr> <td></td> <td><input checked="" type="radio"/> Minor Amendment to pending application</td> </tr> </table> <p>(a) File number of original construction permit: -</p> <p>(b) Service Type: <input type="radio"/> FM <input type="radio"/> TV <input checked="" type="radio"/> DTV</p> <p>(c) DTV Type: <input type="radio"/> Pre-Transition <input checked="" type="radio"/> Post-Transition <input type="radio"/> Both</p> <p>(d) Community of License: City: BELTON State: TX</p> <p>(e) Facility Type: <input checked="" type="radio"/> Main <input type="radio"/> Auxiliary</p> <p>If an amendment, submit as an Exhibit a listing by Section and Question Number the [Exhibit 1]</p>	<input type="radio"/> New station	<input type="radio"/> Major Modification of construction permit	<input type="radio"/> Major Change in licensed facility	<input type="radio"/> Minor Modification of construction permit	<input type="radio"/> Minor Change in licensed facility	<input type="radio"/> Major Amendment to pending application		<input checked="" type="radio"/> Minor Amendment to pending application	
<input type="radio"/> New station	<input type="radio"/> Major Modification of construction permit									
<input type="radio"/> Major Change in licensed facility	<input type="radio"/> Minor Modification of construction permit									
<input type="radio"/> Minor Change in licensed facility	<input type="radio"/> Major Amendment to pending application									
	<input checked="" type="radio"/> Minor Amendment to pending application									

portions of the pending application that are being revised.

NOTE: The failure to include an explanatory providing full particulars in connection with a "No" response may result in dismissal of the application. See Instructions, paragraph L for additional information regarding completion of explanatory exhibits.

SECTION II - Legal and Financial

1.	<p>Certification. Applicant certifies that it has answered each question in this application based on its review of the application instructions and worksheets. Applicant further certifies that where it has made an affirmative certification below, this certification constitutes its representation that the application satisfies each of the pertinent standards and criteria set forth in the application instructions and worksheets.</p>	<p><input checked="" type="radio"/> Yes <input type="radio"/> No</p>
2.	<p>Eligibility. Each application must answer "Yes" to one and "No" to two of the three following certifications. An applicant should not submit an explanatory exhibit in connection with these Question 2 "No" responses.</p> <p>The applicant certifies that it is:</p> <p>a. a nonprofit educational institution; or</p> <p>b. a governmental entity other than a school; or</p> <p>c. a nonprofit educational organization, other than described in a. or b.</p>	<p><input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p><input type="radio"/> Yes <input type="radio"/> No</p> <p><input type="radio"/> Yes <input checked="" type="radio"/> No</p>
3.	<p>For applicants checking "Yes" to question 2(c) and applying for a new noncommercial educational television station only, the applicant certifies that the applicant's officers, directors and members of its governing board are broadly representative of the educational, cultural, and civic segments of the principal community to be served.</p>	<p><input type="radio"/> Yes <input type="radio"/> No</p> <p><input checked="" type="radio"/> N/A</p>
4.	<p>a. The applicant certifies that the Commission has previously granted a broadcast application identified here by file number that found this applicant qualified as a noncommercial educational entity with a qualifying educational program, and that the applicant will use the proposed station to advance a program similar to that the Commission has found qualifying in applicant's previous application.</p> <p>b. Applicants who answered "No" to Question 4(a), must include an exhibit that describes the applicant's educational objective and how the proposed station will be used to advance an educational program that will further that objective according to 47 C.F.R. Section 73.503 (for radio applicants) and 47 C.F.R. Section 73.621 (for television applicants).</p>	<p><input type="radio"/> Yes <input type="radio"/> No</p> <p>FCC FileNumber BRET- 20060331AWN</p> <p>[Exhibit 2]</p>
5.	<p>The applicant certifies that its governing documents (e.g., articles of incorporation, by-laws, charter, enabling statute, and/or other pertinent organizational document) permit the applicant to advance an educational program and that there is no provision in any of those documents that would restrict the applicant from advancing an educational program or complying with any Commission rule, policy, or provision of the Communications Act of 1934, as amended.</p>	<p><input checked="" type="radio"/> Yes <input type="radio"/> No</p>
6.	<p>a. Parties to the Application. List separately each party to the application including, as applicable, the applicant, its officers, directors, five percent or greater stockholders, non-insulated partners, members, and all other persons and entities with attributable interests. If another entity hold an attributable interest in the applicant, list separately, as applicable, its officers, directors, five percent or greater stockholders, non-insulated partners, and board members. Create a separate row for each individual or entity. Attach additional pages if necessary.</p> <p>[Enter Parties/Owners Information]</p>	

	<p>b. Applicant certifies that equity and financial interests not set forth above are non-attributable pursuant to 47 C.F.R. Section 73.3555 and that there are no agreements or understandings with any non-party that would give influence over the applicant's programming, personnel, or finances to that non-party.</p>	<p><input type="radio"/> Yes <input type="radio"/> No [Exhibit 3]</p>
7.	<p>Other Authorizations. List call signs, locations, and facility identifiers of all other broadcast stations in which applicant or any party to the application has an attributable interest pursuant to the notes to 47 C.F.R. Section 73.3555.</p>	<p><input type="checkbox"/> N/A [Exhibit 4]</p>
8.	<p>Character Issues. Applicant certifies that neither applicant nor any party to the application has or has had any interest in or connection with:</p> <p>a. any broadcast application in any proceeding where character issues were left unresolved or were resolved adversely against the applicant or party to the application; or</p> <p>b. any pending broadcast application in which character issues have been raised.</p>	<p><input checked="" type="radio"/> Yes <input type="radio"/> No See Explanation in [Exhibit 5]</p>
9.	<p>Adverse Findings. Applicant certifies that, with respect to the applicant, any party to the application, and any non-party equity owner in the applicant, no adverse finding has been made, nor has an adverse final action been taken by any court or administrative body in a civil or criminal proceeding brought under the provisions of any law related to any of the following: any felony; mass media-related antitrust or unfair competition; fraudulent statements to another government unit; or discrimination.</p> <p>If the answer is "No," attach as an Exhibit a full disclosure concerning the persons and matters involved, including an identification of the the court or administrative body and the proceeding (by dates and file numbers), and a description of the disposition of the matter. Where the requisite information has been earlier disclosed in connection with another application or as required by 47 C.F.R. Section 1.65, the applicant need only provide: (i) an identification of that previous submission by reference to the file number in the case of an application, the call letters of the station regarding which the application or Section 1.65 information was filed, and the date of filing; and (ii) the disposition of the previously reported matter.</p>	<p><input checked="" type="radio"/> Yes <input type="radio"/> No See Explanation in [Exhibit 6]</p>
10.	<p>Alien Ownership and Control. Applicant certifies that it complies with the provisions of Section 310 of the Communications Act of 1934, as amended, relating to interests of aliens and foreign governments.</p>	<p><input checked="" type="radio"/> Yes <input type="radio"/> No See Explanation in [Exhibit 7]</p>
11.	<p>Program Service Certification. Applicant certifies that it is cognizant of and will comply with its obligations as a commission licensee to present a program service responsive to the issues of public concern facing the station's community of license and service area.</p>	<p><input checked="" type="radio"/> Yes <input type="radio"/> No</p>
12.	<p>Local Public Notice. Applicant certifies compliance with the public notice requirements of 47 C.F.R. Section 73.3580.</p>	<p><input checked="" type="radio"/> Yes <input type="radio"/> No</p>
13.	<p>Anti-Drug Abuse Act Certification. Applicant certifies that neither applicant nor any party to the application is subject to denial of federal benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. Section 862.</p>	<p><input checked="" type="radio"/> Yes <input type="radio"/> No</p>
14.	<p>Equal Employment Opportunity (EEO). If the applicant proposes to employ five or more full-time employees, applicant certifies that it is filing simultaneously with this application a Model EEO Program Report on FCC Form 396-A.</p>	<p><input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A</p>
<p>QUESTIONS 15, 16 AND 17 APPLY ONLY TO APPLICANTS FOR NEW STATIONS. OTHER APPLICANTS CAN PROCEED TO QUESTION 18.</p>		
15.	<p>Financial. The applicant certifies that sufficient net liquid assets are on hand or that sufficient funds are available from committed sources to construct and operate the requested facilities for three months without revenue.</p> <p>If "No" to 15., answer question 16. and 17.</p>	<p><input type="radio"/> Yes <input type="radio"/> No See Explanation in [Exhibit 8]</p>
16.	<p>Is this application contingent upon receipt of a grant from the National Telecommunications</p>	

	and Information Administration?	<input type="radio"/> Yes <input type="radio"/> No
17.	Is this application contingent upon receipt of a grant from a charitable organization, the approval of the budget of a school or university, or an appropriation from a state, county, municipality or other political subdivision?	<input type="radio"/> Yes <input type="radio"/> No
<p>NOTE: If Yes to 16. or 17., the application cannot be granted unconditionally until all of the necessary funds are committed or appropriated. In the case of grants from the National Telecommunications and Information Administration, no further action on the applicant's part is required. If the applicant relies on funds from a source specified in Question 17., the applicant must advise the Commission when the funds are committed or appropriated. This should be accomplished by letter amendment to the application. Applicants should take note that the Commission's construction period is not considered "tolled" by funding difficulties and that any permit granted conditionally on funding will expire if the station is not constructed for any reason, including lack of funding.</p>		
<p>QUESTIONS 18 AND 19 DO NOT APPLY TO APPLICATIONS FOR NEW STATIONS. APPLICANTS FOR NEW FM STATIONS CAN PROCEED TO SECTION III. APPLICANTS FOR NEW TV STATIONS CAN PROCEED TO SECTION IV.</p>		
<p>Holding Period.</p>		
18.	Applicant certifies that this application does not propose a modification to an authorization that was awarded on the basis of a preference for fair distribution of service pursuant to 47 U.S.C. Section 307(b).	<input type="radio"/> Yes <input type="radio"/> No
	<p>If "No," answer a. and b. below. If applicant answers "No" to 18. above and cannot answer "Yes" to either a. or b. below, the application is unacceptable.</p> <p>a. Applicant certifies that the proposed modification will not downgrade service to the area on which the Section 307(b) preference was based.</p> <p>b. Applicant certifies that although it proposes to downgrade service to the area on which the Section 307(b) preference was based, applicant has provided full service to that area for a period of four years of on-air operations.</p>	<p><input type="radio"/> Yes <input type="radio"/> No</p> <p><input type="radio"/> Yes <input type="radio"/> No</p>
19.	Applicant certifies that this application does not propose a modification to an authorized station that received a credit for superior technical parameters under the point system selection method in 47 C.F.R. Section 73.7003.	<input type="radio"/> Yes <input type="radio"/> No
	<p>If "No," applicant must be able to answer "Yes" to a. below or provide an exhibit that makes a compelling showing that the downgrade would be in the public interest.</p> <p>a. Applicant certifies that the population and area within the proposed service contour (60 dBu (FM) or grade B (TV)) are greater than or equivalent to those authorized.</p>	<p><input type="radio"/> Yes <input type="radio"/> No</p> <p>[Exhibit 9]</p>

Section III

Fair Distribution of Service Pursuant to 47 U.S.C. Section 307(b) (New and Major Changes to FM Radio Only) (Other applicants can proceed to Section IV).

1.	Applicant certifies that the proposed station will provide a first noncommercial educational aural service to (a) at least 10 percent of the people residing within the station's 60 dBu (1mV/m) service contour and (b) to a minimum of 2,000 people. Applicants answering "Yes" must provide an Exhibit.	<input type="radio"/> Yes <input type="radio"/> No [Exhibit 10]
2.	Applicant certifies that the proposed station will provide a second noncommercial educational aural service to (a) at least 10 percent of the people residing within the station's 60 dBu (1mV/m) service contour and (b) to a minimum of 2,000 people. Applicants answering "Yes" must provide an Exhibit.	<input type="radio"/> Yes <input type="radio"/> No [Exhibit 11]

Section IV Point System Factors - New and Major Change Applications Only (used to select among mutually exclusive radio and television applications for new stations and major modifications) **NOTE:** Applicants will not receive any additional points for amendments made after the close of the application filing window.

<p>1. Established Local Applicant: Applicant certifies that for at least the 24 months immediately prior to application, and continuing through the present, it qualifies as a local applicant pursuant to 47 C.F.R. Section 73.7000, that its governing documents require that such localism be maintained, and that it has placed documentation of its qualifications as an established local applicant in a local public inspection file and has submitted to the Commission copies of the documentation.</p>	<p><input type="radio"/> Yes <input type="radio"/> No</p>
<p>2. Diversity of Ownership: (a) Applicant certifies that the principal community (city grade) contour of the proposed station does not overlap the principal community contour of any other authorized station (comparing radio and television to television, including non-fill-in translator stations other than those identified in 2(b) below) in which any party to the application has an attributable interest as defined in 47 C.F.R. Section 73.3555, that its governing documents require that such diversity be maintained, and that it has placed documentation of its diversity qualification in a local public inspection file and has submitted to the Commission copies of the documentation.</p>	<p><input type="radio"/> Yes <input type="radio"/> No</p>
<p>(b) Is the application's certification to 2(a) based on its exclusion of translator station(s) that will be replaced with a full service station pursuant to the authorization requested here?</p> <p>If Yes, applicant must include an exhibit identifying the translator station authorization for which it will request cancellation upon commencement of operation of the proposed full service station (i.e., upon its filing of a license application and receipt of program test authority).</p>	<p><input type="radio"/> Yes <input type="radio"/> No</p> <p>[Exhibit 12]</p>
<p>3. State-wide Network: Applicant certifies that (a) it has NOT claimed a credit for diversity of ownership above; (b) it is one of the three specific types of organizations described in 47 C.F.R. Section 73.7003(b)(3); and (c) it has placed documentation of its qualifications in a local public inspection file and has submitted to the Commission copies of the documentation.</p>	<p><input type="radio"/> Yes <input type="radio"/> No</p>
<p>4. Technical Parameters: Applicant certifies that the numbers in the boxes below accurately reflect the new area and population that its proposal would serve with a 60 dBu (FM) or Grade B (TV) signal measured in accordance with the standard predicted contours in 47 C.F.R. Section 73.713(c) (FM) and 73.683(TV) and that it has documented the basis for its calculations in the local public inspection file and has submitted copies to the Commission. Major modification applicants should include the area of proposed increase only (exclude any area already within the station's existing service area). (Points, if any, will be determined by FCC)</p>	<p><input type="radio"/> Yes <input type="radio"/> No</p>
<p>New area served in square kilometers (excluding areas of water):</p>	
<p>Population served based on the most recent census block data from the United States Bureau of Census using the centroid method:</p>	
<p>SECTION V - Tie Breakers - New and Major Change Applications Only (used to choose among competing radio and television applications receiving the same number of points in Section IV)</p>	
<p>1. Existing Authorizations. By placing a number in the box, the applicant certifies that it and other parties to the application have, as of the date of filing and pursuant to 47 C.F.R. Section 73.3555, attributable interests in the stated number of relevant broadcast station authorizations. Radio applicants should count all attributable full service radio stations, AM and FM, commercial and noncommercial, and FM translator stations other than fill-in stations or those identified in IV (2)(b) above. TV applicants should count all attributable full service TV stations, commercial and noncommercial and TV translator stations other than fill-in stations or those identified in IV(2)(b) above. (number of commercial and non-commercial licenses and construction permits)</p>	
<p>2. Pending Applications. By placing a number in the box, the applicant certifies that it and other parties to the application have, as of the date of filing and pursuant to 47 C.F.R. Section 73.3555, attributable interests in the stated number of pending applications for new or major changes to relevant broadcast stations. Radio applicants should count all attributable full service radio stations, AM and FM, commercial and noncommercial, and FM translator stations other than fill-in stations or those identified in IV(2)(b) above. TV applicants should count all attributable full service TV stations, commercial and noncommercial, and TV translator stations other than fill-in stations or those identified in IV(2)(b) above. (number of pending commercial and non-commercial applications)</p>	

Section VI -- Certification

I certify that the statements in this application are true, complete, and correct to the best of my knowledge and belief, and are made in good faith. I acknowledge that all certifications and attached Exhibits are considered material representations. I hereby waive any claim to the use of any particular frequency as against the regulatory power of the United States because

of the previous use of the same, whether by license or otherwise, and request an authorization in accordance with this application. (See Section 304 of the Communications Act of 1934, as amended.)

Typed or Printed Name of Person Signing	Typed or Printed Title of Person Signing
Signature	Date

Section VII Preparer's Certification

I certify that I have prepared Section VII (Engineering Data) on behalf of the applicant, and that after such preparation, I have examined and found it to be accurate and true to the best of my knowledge and belief.

Name MATTHEW A. SANDERFORD, JR., PE	Relationship to Applicant (e.g., Consulting Engineer) CONSULTING ENGINEER	
Signature	Date 6/20/2008	
Mailing Address P.O. BOX 485 6100 I-35W		
City ALVARADO	State or Country (if foreign address) TX	Zip Code 76009-0485
Telephone Number (include area code) 8177835566	E-Mail Address (if available) TVCOWBOY@MARSAND.COM	

WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a)(1)), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503).

SECTION VII - DTV Engineering

Complete Questions 1-5, and provide all data and information for the proposed facility, as requested in Technical Specifications, Items 1-13.

Pre-Transition Certification Checklist: An application concerning a pre-transition channel must complete questions 1(a)-(c), and 2-5. A correct answer of "Yes" to all of the questions will ensure an expeditious grant of a construction permit application to change pre-transition facilities. However, if the proposed facility is located within the Canadian or Mexican borders, coordination of the proposal under the appropriate treaties may be required prior to grant of the application. An answer of "No" will require additional evaluation of the applicable information in this form before a construction permit can be granted.

Post-Transition Expedited Processing. An application concerning a post-transition channel must complete questions 1(a), (d)-(e), and 2-5. A station applying for a construction permit to build its post-transition channel will receive expedited processing if its application (1) does not seek to expand the noise-limited service contour in any direction beyond that established by Appendix B of the Seventh Report and Order in MB Docket No. 87-268 establishing the new DTV Table of Allotments in 47 C.F.R. § 73.622(i) ("new DTV Table Appendix B"); (2) specifies facilities that match or closely approximate those defined in the new DTV Table Appendix B facilities; and (3) is filed within 45 days of the effective date of Section 73.616 of the rules adopted in the Report and Order in the Third DTV Periodic Review proceeding, MB Docket No. 07-91.

1. The proposed DTV facility complies with 47 C.F.R. Section 73.622 in the following respects:
- (a) It will operate on the DTV channel for this station as established in 47 C.F.R. Section 73.622. Yes No
 - (b) It will operate a pre-transition facility from a transmitting antenna located within 5.0 km (3.1 miles) of the DTV reference site for this station as established in 47 C.F.R. Section 73.622. Yes No
 - (c) It will operate a pre-transition facility with an effective radiated power (ERP) and antenna height above average terrain (HAAT) that do not exceed the DTV reference ERP and HAAT. Yes No

	for this station as established in 47 C.F.R. Section 73.622.	
	(d) It will operate at post-transition facilities that do not expand the noise-limited service contour in any direction beyond that established by Appendix B of the Seventh Report and Order in MB Docket No. 87-268 establishing the new DTV Table of Allotments in 47 C.F.R. § 73.622 (i) ("new DTV Table Appendix B").	<input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> N/A
	(e) It will operate at post-transition facilities that match or reduce by no more than five percent with respect to predicted population from those defined in the new DTV Table Appendix B.	<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A
2.	The proposed facility will not have a significant environmental impact, including exposure of workers or the general public to levels of RF radiation exceeding the applicable health and safety guidelines, and therefore will not come within 47 C.F.R. Section 1.1307. Applicant must submit the Exhibit called for in Item 13.	<input checked="" type="radio"/> Yes <input type="radio"/> No
3.	Pursuant to 47 C.F.R. Section 73.625, the DTV coverage contour of the proposed facility will encompass the allotted principal community.	<input checked="" type="radio"/> Yes <input type="radio"/> No
4.	The requirements of 47 C.F.R. Section 73.1030 regarding notification to radio astronomy installations, radio receiving installations and FCC monitoring stations have either been satisfied or are not applicable.	<input checked="" type="radio"/> Yes <input type="radio"/> No
5.	The antenna structure to be used by this facility has been registered by the Commission and will not require registration to support the proposed antenna, OR the FAA has previously determined that the proposed structure will not adversely effect safety in air navigation and this structure qualifies for later registration under the Commission's phased registration plan, OR the proposed installation on this structure does not require notification to the FAA pursuant to 47 C.F.R. Section 17.7.	<input checked="" type="radio"/> Yes <input type="radio"/> No

SECTION VII - DTV Engineering

TECHNICAL SPECIFICATIONS

Ensure that the specifications below are accurate. Contradicting data found elsewhere in this application will be disregarded. All items must be completed. The response "on file" is not acceptable.

TECH BOX	
1.	Channel Number: DTV 46 Analog TV, if any 46
2.	Zone: <input type="radio"/> I <input checked="" type="radio"/> II <input type="radio"/> III
3.	Antenna Location Coordinates: (NAD 27) Latitude: Degrees 30 Minutes 59 Seconds 8.4 <input checked="" type="radio"/> North <input type="radio"/> South Longitude: Degrees 97 Minutes 37 Seconds 50.1 <input checked="" type="radio"/> West <input type="radio"/> East
4.	Antenna Structure Registration Number: 1058073 <input type="checkbox"/> Not Applicable <input type="checkbox"/> Notification filed with FAA
5.	Antenna Location Site Elevation Above Mean Sea Level: 282.2 meters
6.	Overall Tower Height Above Ground Level: 347.7 meters
7.	Height of Radiation Center Above Ground Level: 340.4 meters
8.	Height of Radiation Center Above Average Terrain (HAAT): 392 meters
9.	Maximum Effective Radiated Power (average power): 500 kW

10. Antenna Specifications:

a. Manufacturer AND Model ATW25H3-HTO-46H

b. Electrical Beam Tilt:
0.75 degrees Not Applicable

c. Mechanical Beam Tilt:
degrees toward azimuth
degrees True Not Applicable
Attach as an Exhibit all data specified in 47 C.F.R. Section 73.625(c). [Exhibit 33]

d. Polarization:
 Horizontal Circular Elliptical

e. Directional Antenna Relative Field Values: Not applicable (Nondirectional)

[For a composite directional (not off-the-shelf) antenna, press the following button to fill in the relative field values subform.]
[Relative Field Values]

10e. Directional Antenna Relative Field Values

[Fill in this subform for a composite directional (not off-the-shelf) antenna, only.]

e. Directional Antenna Relative Field Values:											
Rotation (Degrees): <input type="checkbox"/> No Rotation											
Degrees	Value	Degrees	Value	Degrees	Value	Degrees	Value	Degrees	Value	Degrees	Value
0		10		20		30		40		50	
60		70		80		90		100		110	
120		130		140		150		160		170	
180		190		200		210		220		230	
240		250		260		270		280		290	
300		310		320		330		340		350	
Additional Azimuths											

[Relative Field Polar Plot](#)

If a directional antenna is proposed, the requirements of 47 C.F.R. Sections 73.625(c) must be satisfied. **Exhibit required.** [Exhibit 34]

11. Does the proposed facility satisfy the pre-transition interference protection provisions of 47 C.F.R. Section 73.623(a) (Applicable only if **Certification Checklist** Items 1(a), (b), or (c) are answered "No.") and/or the post-transition interference protection provisions of 47 C.F.R. Section 73.616? Yes No [Exhibit 35]

If "No," attach as an Exhibit justification therefor, including a summary of any related previously granted waivers.

12. If the proposed facility will not satisfy the coverage requirement of 47 C.F.R. Section 73.625, attach as an Exhibit justification therefor. (Applicable only if **Certification Checklist** item 3 [Exhibit 36]

	is answered "No.")
13.	<p>Environmental Protection Act. Submit in an Exhibit the following: [Exhibit 37]</p> <p>a. If Certification Checklist Item 2 is answered "Yes," a brief explanation of why an Environmental Assessment is not required. Also describe in the Exhibit the steps that will be taken to limit RF radiation exposure to the public and to persons authorized access to the tower site.</p> <p>By checking "Yes" to Certification Checklist Item 2, the applicant also certifies that it, in coordination with other users of the site, will reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic exposure in excess of FCC guidelines.</p> <p>If Certification Checklist Item 2 is answered "No," an Environmental Assessment as required by 47 C.F.R Section 1.1311.</p>
PREPARERS CERTIFICATION ON PAGE 8 MUST BE COMPLETED AND SIGNED.	

Exhibits

Exhibit 1

Description: PURPOSE OF THIS AMENDMENT

THE PURPOSE OF THIS AMENDMENT IS TO MAXIMIZE KNCT-DT'S PENDING APPLICATION UPON THE DATE THE FCC RELAXES THE DIGITAL 'FREEZE'.

THE FOLLOWING ITEMS HAVE BEEN MODIFIED:

SECTION VII

- 9. - MAXIMUM EFFECTIVE RADIATED POWER
- 13. - EXHIBIT 37 'ENGINEERING STATEMENT'

Attachment 1

Exhibit 37

Description: ENGINEERING STATEMENT

Attachment 37