

ENGINEERING STATEMENT  
APPLICATION FOR A DTV  
CONSTRUCTION PERMIT FOR  
AN EXISTING TELEVISION TRANSLATOR  
K30AE, ALVA, OKLAHOMA  
CHANNEL 30 15 KW ND ERP 530 METERS RC/AMSL

JUNE 2006

COHEN, DIPPELL AND EVERIST, P.C.  
CONSULTING ENGINEERS  
RADIO AND TELEVISION  
WASHINGTON, D.C.

COHEN, DIPPELL AND EVERIST, P. C.

City of Washington            )  
  ) ss  
District of Columbia         )


Donald G. Everist, being duly sworn upon his oath, deposes and states that:

He is a graduate electrical engineer, a Registered Professional Engineer in the District of Columbia, and is President, Secretary and Treasurer of Cohen, Dippell and Everist, P.C., Consulting Engineers, Radio - Television, with offices at 1300 L Street, N.W., Suite 1100, Washington, D.C. 20005;

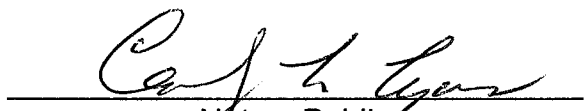
That his qualifications are a matter of record in the Federal Communications Commission;

That the attached engineering report was prepared by him or under his supervision and direction and

That the facts stated herein are true of his own knowledge, except such facts as are stated to be on information and belief, and as to such facts he believes them to be true.

  
Donald G. Everist  
District of Columbia  
Professional Engineer  
Registration No. 5714

Subscribed and sworn to before me this 28<sup>th</sup> day of June, 2006.

  
Notary Public

My Commission Expires: 2/28/2008



### INTRODUCTION

This engineering statement has been prepared on behalf of Oklahoma Educational Television Authority, licensee of TV translator K30AE, Alva, Oklahoma. This statement supports the licensee's request to convert to DTV operation on the currently licensed analog Channel 30, commonly referred to as "flash-cut" with a DTV effective radiated power ("ERP") of 15 kW at a radiation center above mean sea level ("RCAMSL") of 530 meters.

### TRANSMITTER SITE

The existing antenna will be utilized and no significant alteration of the tower is proposed. The existing tower is located approximately 9.97 km east-southeast from Alva, Oklahoma. There is no change in transmitter site. The geographic coordinates of the site follow below.

North Latitude: 36° 47' 10"

West Longitude: 98° 33' 33"

NAD-27

### ELEVATION DATA

Elevation of site above mean sea level	435.8 meters (1429.8 feet)
Center of radiation of antenna above ground level	94.2 meters (309.1 feet)
Center of radiation of antenna above mean sea level	530 meters (1738.9 feet)

The Antenna Structure Registration Number ("ASRN") for the existing tower is 1057885.

#### EQUIPMENT DATA

Transmitter:	Type-approved
Transmission Line:	Andrew, Type HJ-750A, 1-5/8", Helix, 100.6 meters (330 feet) with 67.8% efficiency [0.512 dB loss/100 ft]
Antenna:	Bogner, B8UO with a gain of 11.3 and 0° electrical beamtilt

#### POWER DATA

Transmitter:	1.96 kW	2.92 dBk
Transmission Line Loss:	67.8%	1.69 dB
Input Into Antenna:	1.33 kW	1.23 dBk
Antenna Gain:	11.3	10.53 dB
ERP:	15 kW	11.76 dBK

As indicated above, the transmitter with typical power output of 1.96 kW will deliver 1.33 kW to the input of the antenna. The antenna, having a gain of 11.3 and an electrical beamtilt of 0°, will produce an ERP of 15 kW. A map providing the protected contour of the proposed facility compared to the currently licensed operation of K30AE has been included as Exhibit E-1 of this report. The antenna elevation pattern and associated tabulation and the horizontal pattern and accompanying tabulation should be on file at the Commission as the currently licensed non-directional antenna for K30AE with no alterations has been proposed.

### OTHER BROADCAST FACILITIES

A brief analysis was completed to determine the presence of stations in the vicinity of the K30AE tower using the March 16, 2006, data contained within the Commission's Consolidated Database System ("CDBS"). Within 500 meters of the proposed site, one authorized low-power FM radio stations was identified, no authorized DTV and NTSC television stations, and five other authorized low-power analog television and television translator stations aside from K30AE were also found. There are no AM facilities within 3.2 km of the existing tower. Although no adverse technical affects are expected due to the proposed changes, the licensee will take measures to resolve any problems proven to be related to the changes proposed in this application.

### Interference Analysis

A study of predicted interference caused by the proposed K30AE digital translator operation has been performed using the Longley-Rice program for which the source data has been posted by the Commission on its website at [http://www.fcc.gov/oet/dtv/dtv\\_apps.html](http://www.fcc.gov/oet/dtv/dtv_apps.html). The FCC's FORTRAN-77 code was modified only to the extent necessary (primarily input/output handling) for the program to run on a Microsoft Windows XP/Intel platform. Comparison of service/interference areas and population indicates this model closely matches the FCC's digital low-power TV/translator evaluation program. Best efforts have been made to use data and calculation identical to the FCC's program. The model employs the Longley-Rice propagation methodology and evaluates in grid cells of approximately 1 sq. km. Using 3-second terrain data sampled approximately every 1.0 km at one-degree azimuth intervals with 1990 census centroids, all studies are based upon data in the current CDBS database update of the FCC's

engineering database and the simple emission mask. A Longley-Rice study was performed with the proposed K30AE low-power digital facilities and all relevant stations listed in the FCC database as of June 16, 2006. The study results and the included stations are listed in Exhibit E-2.

#### Other Licensed and Broadcast Facilities

No adverse technical effect is anticipated by the proposed DTV operation to any other FCC licensed facility. If required, the licensee will install filters or take other measures as necessary to resolve the problem.

#### FCC Rule, Section 1.1307

The proposed 15 kW non-directional operation will utilize a Bogner, Type B8UO antenna (or equivalent) described above with a center of radiation above ground of 94.2 meters. The proposed antenna is top-mounted on a steel lattice tower with an overall height of 97.5 meters above ground.

As previously indicated, there are no AM stations located within 3.2 km of the proposed tower site. According to the FCC database, there are also one FM low-power, no FM full-service television or DTV, and six low-power analog television and television translator stations located within 500 meters of the proposed K30AE tower. Access to the tower property is prevented by a security fence with a locked gate.

The proposed 15 kW ERP operation of K30AE at 94 meters above ground on Channel 30 using the currently licensed Bogner, Type B8UO antenna (assumed 0.1 relative field value) on calculations from the current OET Bulletin No. 65, Edition 97-01 dated August 1997 and Supplement A produces less than  $0.6 \mu\text{W}/\text{cm}^2$  RFF on Channel 30 which is less than 0.2% of the

Maximum Permissible Exposure (“MPE”) limit for an uncontrolled environment two meters above ground in the vicinity of the K30AE tower site. This proposal complies with the FCC radiofrequency field (“RFF”) guidelines and the RFF element of Section 1.1307 of the FCC Rules.

Authorized personnel and rigging contractors will be alerted to the potential zone of high radiation on the tower, and if necessary, the station will operate with reduced power or terminate the operation of the transmitter as appropriate when it is necessary for authorized personnel or contractors to perform work on or near the tower. Workers and the general public, therefore, will not be subjected to RFF levels in excess of the current FCC guidelines.

#### Environmental Assessment

An environmental assessment (“EA”) is categorically excluded under Section 1.1306 of the FCC Rules and Regulations as the tower was constructed prior to the requirements specified in WT Docket No. 03-128 and the applicant indicates:

- (a)(1) The existing tower is not located in an officially designated wilderness area.
- (a)(2) The existing tower is not located in an officially designated wildlife preserve.
- (a)(3) The proposed facilities will not affect any listed threatened or endangered species or habitats.
- (a)(3)(ii) The proposed facilities will not jeopardize the continued existence of any proposed endangered or threatened species or likely to result in the destruction or adverse modification of proposed critical habitats.

- (a)(4) The proposed facilities located on a tower which was built prior to the adoption of WT Docket No. 03-128 and is grandfathered and has not affected any known districts, sites, buildings, structures, or objects significant in American history, architecture, archaeology, engineering, or culture.
- (a)(5) The existing tower is not located near any known Indian religious sites.
- (a)(6) The existing tower is not located in a flood plain.
- (a)(7) The installation of the DTV facilities on an [existing guyed tower] will not involve a significant change in surface features of the ground in the vicinity of the tower.
- (a)(8) It is not proposed to equip the tower with high intensity white lights unless required by the FAA.
- (b) Workers and the general public will not be subjected to RFF levels in excess of the current FCC guidelines contained in OET Bulletin No. 65, Edition 97-01, dated August 1997 and Supplement A.



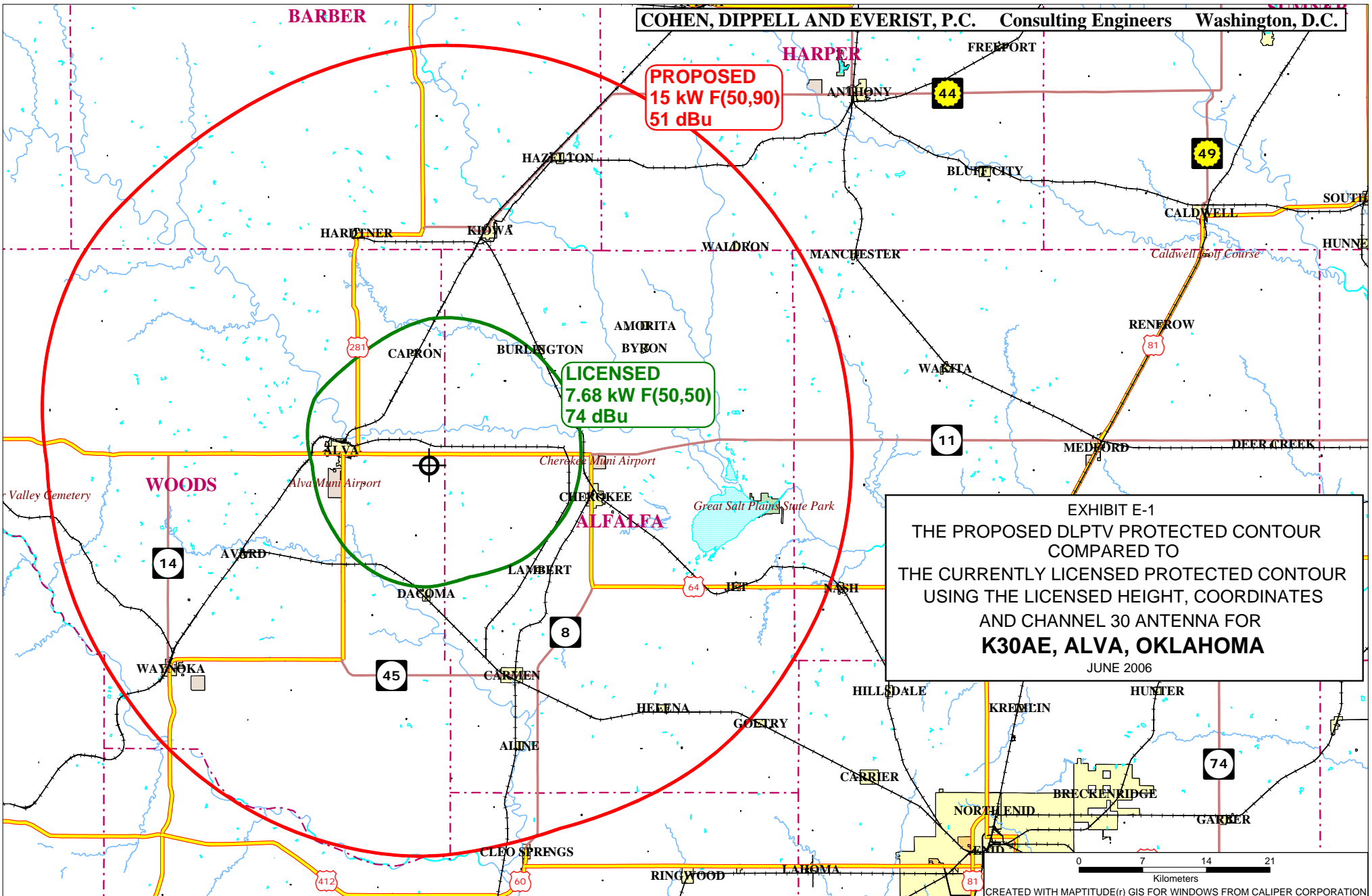


EXHIBIT E-2

DLPTV ANALYSIS RESULTS

FOR THE PROPOSED DIGITAL “FLASH-CUT”

OPERATION OF

K30AE, ALVA, OKLAHOMA

# DLPTV Results - K30AE

1990 Census data selected  
TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 06-16-2006 Time: 13:53:29

Record Selected for Analysis

K30AE MRD -1983MRD ALVA OK US  
Channel 30 ERP 15 kW HAAT 119 m RCAMSL 530 m  
Latitude 36 -47-10 Longitude 98 -33-33  
Status OETA07 Zone 2 Border DT Mask S  
Last update Cutoff date 18991231 Docket  
Comments  
Applicant

Cell Size for Service Analysis 1.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Not full service station

Facility meets maximum power limit

Azimuth (Deg)	ERP (kW)	HAAT (m)	51.0 dBu F(50, 90) (km)
0.0	15.000	138.6	45.9
45.0	15.000	150.9	46.8
90.0	15.000	145.9	46.4
135.0	15.000	116.3	44.4
180.0	15.000	98.1	42.5
225.0	15.000	93.6	41.9
270.0	15.000	92.2	41.7
315.0	15.000	111.7	43.9

Contour Overlap to Proposed Station

Contour Overlap Evaluation to Proposed Station Complete

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quite zone

Proposed facility OK toward Table Mountain

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

Channel	Proposed Station Call	City/State	ARN
30	K30AE	ALVA OK	MRD 1983MRD

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
------	------	------------	----------	--------	----------------------

Page 1

DLPTV Results - K30AE						
16	K16DX	GAGE OK	115.1	LIC	BLTT	-19961125JG
22	K22BR	MAY, ETC. OK	115.1	LIC	BLTVL	-19880304IL
27	KGBN-CA	PONCA CITY OK	124.0	LIC	BLTTL	-19901217IN
29	KSAS-LP	DODGE CITY KS	172.7	LIC	BLTTL	-19941209JF
29	KPTS	HUTCHINSON KS	157.1	LIC	BLEDT	-20030724AER
29	K29EI	ELK CITY, ETC. OK	171.2	LIC	BLTT	-20031211ABL
29	KTUZ-TV	SHAWNEE OK	199.9	CP MOD	BMPCDT	-20040729ANF
29	K29BR	CANADIAN, ETC. TX	178.9	LIC	BLTT	-19880613IH
30	K30GD	GREAT BEND KS	180.6	APP	BDFCDTT	-20060331ACT
30	K30GD	GREAT BEND KS	180.6	LIC	BLTT	-20030805AIJ
30	K30AL	IOLA KS	328.2	CP	BDFCDTT	-20060208AAW
30	K30AL	IOLA KS	328.2	LIC	BLTT	-19840828ID
30	K30HN	JUNCTION CITY KS	288.1	CP	BNPTTL	-20000807AAY
30	KCLJ-CA	JOPLIN MO	371.7	LIC	BLTTA	-20050506ACG
30	KCLJ-CA	JOPLIN MO	371.7	STA	BSTA	-20030422ABP
30	KOUN-LP	LAWTON OK	248.6	CP	BNPTTL	-20000807AAR
30	KTUZ-TV	SHAWNEE OK	199.9	CP	BPCT	-20040729AOV
30	KTUZ-TV	SHAWNEE OK	199.9	LIC	BLCT	-20001108ABD
30	K30EF	STRONG CITY OK	144.6	CP	BPTT	-20030206ACX
30	K30EF	STRONG CITY OK	144.6	LIC	BLTT	-19940902IK
30	K30IX	TAHLEQUAH OK	336.0	LIC	BLTT	-20060306BOQ
30	KAMM-LP	AMARILLO TX	356.1	CP	BNPTTL	-20000807ADO
30	K30IS	DENISON TX	375.2	CP	BNPTTL	-20000830BRB
30	K30HH	MEMPHIS TX	287.1	LIC	BLTT	-20031211ABF
30	NEW	PAMPA TX	258.8	APP	BNPTT	-20000830AWM
30	K30DJ	WICHITA FALLS TX	321.1	LIC	BLTTL	-19931112IW
31	KSCW	WICHITA KS	145.2	LIC	BLCDT	-20020501AAQ
31	K54CM	ELK CITY OK	171.2	CP	BPTT	-20030206ACV
31	KWEM-LP	STILLWATER OK	143.3	LIC	BLTTL	-19970224JE
31	K31CD	CANADIAN, ETC. TX	178.9	LIC	BLTTL	-19890522IM
32	KXOK-LP	ENID OK	74.7	LIC	BLTTL	-19951106IK
38	K38AK	PONCA CITY OK	135.1	LIC	BLTT	-19820405IM

%%%

#### Analysis of Interference to Affected Station 1

##### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
16	K16DX	GAGE OK	BLTT	-19961125JG

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
16	KSNG	GARDEN CITY KS	178.2	CP	BPCDT	-19990709LG
16	KSNG-DT	GARDEN CITY KS	178.2	PLN	DTVPLN	-DTVPO208
16	KOOD	HAYS KS	275.3	PRTCT	BLEDT	-20030423ABE
16	KOOD-DT	HAYS KS	275.3	PLN	DTVPLN	-DTVPO209
16	K16FP	CLINTON OK	123.7	CP	BNPTT	-20000830BEY
16	K64AX	ERICK, ETC. OK	142.7	APP	BPTT	-20050301AAR
16	K16AB	GUYMON OK	154.7	LIC	BLTT	-19790307ID
16	KOCO-DT	OKLAHOMA CITY OK	227.0	PLN	DTVPLN	-DTVPO227del
16	KPTB	LUBBOCK TX	370.5	PRTCT	BPCDT	-19991018ABK
30	K30AE	ALVA OK	115.1	OETA07	MRD	-1983MRD

Proposed station is beyond the site to nearest cell evaluation distance

#####

#### Analysis of Interference to Affected Station 2

##### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
22	K22BR	MAY, ETC. OK	BLTVL	-19880304IL

DLPTV Results - K30AE  
Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
22	KSNC	GREAT BEND KS	239.0	PRTCT	BDTV	-382554
22	KSNC-DT	GREAT BEND KS	239.0	PLN	DTVPLN	-DTVP0454
22	KOKI -DT	TULSA OK	369.8	PLN	DTVPLN	-DTVP0472
22	KOKI -TV	TULSA OK	369.8	LIC	BLCDT	-20021127AGL
22	KAUZ-DT	WICHITA FALLS TX	303.0	PLN	DTVPLN	-DTVP0480
22	KAUZ-TV	WICHITA FALLS TX	303.0	PRTCT	BDTV	-335404
30	K30AE	ALVA OK	115.1	OETA07	MRD	-1983MRD

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
27	KGBN-CA	PONCA CITY OK	BLTTL	-19901217IN

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
24	KOKH-DT	OKLAHOMA CITY OK	129.9	PLN	DTVPLN	-DTVP0547
24	KOKH-TV	OKLAHOMA CITY OK	129.9	LIC	BLCDT	-20041207ACV
26	KSAS-TV	WICHITA KS	124.5	LIC	BLCDT	-20021120AAN
26	960621KE	TULSA OK	130.7	APP	BPET	-19960621KE
26	960930KG	TULSA OK	121.6	APP	BPET	-19960930KG
27	KFTA-TV	FORT SMITH AR	293.2	APP	BMPCDT	-20040803ABV
27	KFTA-TV	FORT SMITH AR	293.2	CP	BPCDT	-19991028AEE
27	KPOM-DT	FORT SMITH AR	293.2	PLN	DTVPLN	-DTVP0624
27	KSNT	TOPEKA KS	293.5	APP	BSTA	-20051006AAR
27	KSNT	TOPEKA KS	293.5	LIC	BMLCT	-20051103AAQ
27	KSFX-TV	SPRINGFIELD MO	379.7	LIC	BLCT	-20050909AFT
27	KFOR-DT	OKLAHOMA CITY OK	127.9	PLN	DTVPLN	-DTVP0645
27	KFOR-TV	OKLAHOMA CITY OK	124.7	LIC	BLCDT	-20050701ABR
28	KGLB-DT	OKMULGEE OK	133.7	PLN	DTVPLN	-DTVP0681
28	KTPX	OKMULGEE OK	133.7	LIC	BLCDT	-20020510AAQ
30	K30AE	ALVA OK	124.0	OETA07	MRD	-1983MRD
31	KSCW	WICHITA KS	127.3	LIC	BLCDT	-20020501AAQ
31	KWCV-DT	WICHITA KS	127.0	PLN	DTVPLN	-DTVP0775
35	KSCC	HUTCHINSON KS	142.1	LIC	BLCDT	-20030117AAE
35	NEW -DT	HUTCHINSON KS	143.1	PLN	DTVPLN	-DTVP0922
42	KTLC-DT	OKLAHOMA CITY OK	125.5	PLN	DTVPLN	-DTVP1142

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
29	KSAS-LP	DODGE CITY KS	BLTTL	-19941209JF

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
21	KDCK	DODGE CITY KS	11.5	PRTCT	BLEDT	-20030423ABG
22	KSNC	GREAT BEND KS	134.0	PRTCT	BDTV	-382554
22	KSNC-DT	GREAT BEND KS	134.0	PLN	DTVPLN	-DTVP0454
29	KPTS	HUTCHINSON KS	202.6	LIC	BLEDT	-20030724AER
29	KPTS-DT	HUTCHINSON KS	202.6	PLN	DTVPLN	-DTVP0699

				DLPTV Results - K30AE		
29	KHNE-TV	HASTINGS NE	373.3	LIC	BMLET	-20020206ABQ
29	KAQS-DT	SHAWNEE OK	369.2	PLN	DTVPLN	-DTVP0714
29	KTUZ-TV	SHAWNEE OK	368.9	CP MOD	BMPCDT	-20040729ANF
30	K30AE	ALVA OK	172.7	OETA07	MRD	-1983MRD

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

#### Analysis of Interference to Affected Station 5

DTV Baseline Analysis					
Channel	Call	City/State	Application Ref. No.		
29	KPTS-DT	HUTCHINSON KS	DTVPLN	-DTVP0699	

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
28	KSNT-DT	TOPEKA KS	207.9	PLN	DTVPLN	-DTVP0668
29	KHOGTV	FAYETTEVILLE AR	398.4	PLN	DTVPLN	-NPLN0060
29	KHNETV	HASTINGS NE	303.0	PLN	DTVPLN	-NPLN0980
29	DNCE	GUYMON OK	361.6	PLN	DTVPLN	-NPLN1924
29	KAQS-DT	SHAWNEE OK	310.9	PLN	DTVPLN	-DTVP0714

Results for:	29A KS HUTCHINSON	DTVPLN	DTVP0699	PLN
HAAT	244.0 m, ATV ERP 1000.0 kW			

	POPULATION	AREA (sq km)
within Noise Limited Contour	506164	24171.6
not affected by terrain losses	506163	24121.4
lost to NTSC IX	0	79.8
lost to additional IX by ATV	0	1.0
lost to ATV IX only	0	1.0
lost to all IX	0	80.8

NTSC Baseline Analysis					
Channel	Call	City/State	Application Ref. No.		
8	KPTS	HUTCHINSON KS	DTVPLN	-NPLN0516	

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
7	KBSHTV	HAYS KS	164.1	PLN	DTVPLN	-NPLN0512
8	KSNK	MCCOOK NE	320.6	PLN	DTVPLN	-NPLN0930
8	KWET-DT	CHEYENNE OK	321.3	PLN	DTVPLN	-DTVP0041
8	KTUL	TULSA OK	300.9	PLN	DTVPLN	-NPLN1219
9	KOOD	HAYS KS	115.5	PLN	DTVPLN	-NPLN0518

Results for:	8N KS HUTCHINSON	DTVPLN	NPLN0516	PLN
--------------	------------------	--------	----------	-----

	POPULATION	AREA (sq km)
within Noise Limited Contour	506164	24171.6
not affected by terrain losses	502053	23285.3
lost to NTSC IX	53445	3681.3
lost to additional IX by ATV	4	3.0
lost to all IX	53449	3684.2

Analysis of current record					
Channel	Call	City/State	Application Ref. No.		
29	KPTS	HUTCHINSON KS	BLEDT	-20030724AER	

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
28	KSNT	TOPEKA KS	207.9	LIC	BLCDT	-20051103AAP
28	KSNT-DT	TOPEKA KS	207.9	PLN	DTVPLN	-DTVP0668
29	KHOG-TV	FAYETTEVILLE AR	398.4	LIC	BLCT	-19980109KF
29	KCWE	KANSAS CITY MO	305.5	LIC	BLCT	-19990419KF
29	KHNE-TV	HASTINGS NE	303.0	LIC	BMLET	-20020206ABQ

DLPTV Results - K30AE

29	KAQS-DT	SHAWNEE OK	310.9	PLN	DTVPLN	-DTVP0714
29	KTUZ-TV	SHAWNEE OK	310.7	CP MOD	BMPCDT	-20040729ANF
30	K30AE	ALVA OK	157.1	OETA07	MRD	-1983MRD

Proposal causes no interference

#####

#### Analysis of Interference to Affected Station 6

##### Analysis of current record

Channel	Call	City/State	Application Ref. No.
29	K29EI	ELK CITY, ETC. OK	BLTT -20031211ABL

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
29	KPTS	HUTCHINSON KS	328.1	LIC	BLEDT -20030724AER
29	KPTS-DT	HUTCHINSON KS	328.1	PLN	DTVPLN -DTVP0699
29	KAQS-DT	SHAWNEE OK	175.4	PLN	DTVPLN -DTVP0714
29	KTUZ-TV	SHAWNEE OK	175.3	CP MOD	BMPCDT -20040729ANF
29	KRBC-DT	ABILENE TX	344.0	PLN	DTVPLN -DTVP0723
29	KRBC-TV	ABILENE TX	344.2	PRTCT	BMPCDT -20040802AMT
29	KMPX	DECATUR TX	373.7	LIC	BLCT -20050707ABJ
30	K30AE	ALVA OK	171.2	OETA07	MRD -1983MRD
44	K44AP	ELK CITY, ETC. OK	0.0	LIC	BLTT -19841025IA

Proposed station is beyond the site to nearest cell evaluation distance

#####

#### Analysis of Interference to Affected Station 7

##### DTV Baseline Analysis

Channel	Call	City/State	Application Ref. No.
29	KAQS-DT	SHAWNEE OK	DTVPLN -DTVP0714

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
28	KGLB-DT	OKMULGEE OK	125.7	PLN	DTVPLN -DTVP0681
28	KFDX-DT	WICHITA FALLS TX	190.6	PLN	DTVPLN -DTVP0686
29	KHOGTV	FAYETTEVILLE AR	305.1	PLN	DTVPLN -NPLN0060
29	KPTS-DT	HUTCHINSON KS	310.9	PLN	DTVPLN -DTVP0699
29	DNCE	GUYMON OK	403.3	PLN	DTVPLN -NPLN1924
29	KRBC-DT	ABILENE TX	399.9	PLN	DTVPLN -DTVP0723
29	KMPX	DECATUR TX	270.5	PLN	DTVPLN -NPLN1466
30	KAQS	SHAWNEE OK	0.0	PLN	DTVPLN -NPLN1267

Results for: 29A OK SHAWNEE DTVPLN DTVP0714 PLN  
HAAT 255.0 m, ATV ERP 207.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1091468	20223.7
not affected by terrain losses	1091309	20201.8
lost to NTSC IX	222	35.9
lost to additional IX by ATV	12	13.9
lost to ATV IX only	12	16.9
lost to all IX	234	49.8

##### NTSC Baseline Analysis

Channel	Call	City/State	Application Ref. No.
30	KAQS	SHAWNEE OK	DTVPLN -NPLN1267

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
------	------	------------	----------	--------	----------------------

Page 5

DLPTV Results - K30AE						
23	KOKI-TV	TULSA OK	171.2	PLN	DTVPLN	-NPLN1255
26	KTEN-DT	ADA OK	124.6	PLN	DTVPLN	-DTVP0611
27	KFOR-DT	OKLAHOMA CITY OK	34.8	PLN	DTVPLN	-DTVP0645
28	KGLB-DT	OKMULGEE OK	125.7	PLN	DTVPLN	-DTVP0681
29	KAQS-DT	SHAWNEE OK	0.0	PLN	DTVPLN	-DTVP0714
30	KOAM-DT	PITTSBURG KS	319.5	PLN	DTVPLN	-DTVP0740del
30	KMPX-DT	DECATUR TX	270.5	PLN	DTVPLN	-DTVP0756
31	NEW	ELK CITY OK	196.4	PLN	DTVPLN	-NPLN1269
31	KOET-DT	EUFAULA OK	181.7	PLN	DTVPLN	-DTVP0788
32	KETA-DT	OKLAHOMA CITY OK	33.2	PLN	DTVPLN	-DTVP0825
33	KOCB-DT	OKLAHOMA CITY OK	33.8	PLN	DTVPLN	-DTVP0861
34	KOCB	OKLAHOMA CITY OK	33.8	PLN	DTVPLN	-NPLN1274
44	KGLBTV	OKMULGEE OK	125.7	PLN	DTVPLN	-NPLN1286

Results for: 30N OK SHAWNEE			DTVPLN	NPLN1267	PLN
			POPULATION	AREA (sq. km)	
within Noise Limited Contour			1091468	20227.7	
not affected by terrain losses			1090877	20116.1	
lost to NTSC IX			6293	293.9	
lost to additional IX by ATV			2600	123.5	
lost to all IX			8893	417.4	

Analysis of current record				
Channel	Call	City/State	Application	Ref. No.
29	KTUZ-TV	SHAWNEE OK	BMPCDT	-20040729ANF

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
28	KGLB-DT	OKMULGEE OK	125.7	PLN	DTVPLN	-DTVP0681
28	KTPX	OKMULGEE OK	125.7	LIC	BLCDT	-20020510AAQ
28	KFDX-DT	WICHITA FALLS TX	190.7	PLN	DTVPLN	-DTVP0686
28	KFDX-TV	WICHITA FALLS TX	190.9	PRTCT	BMPCDT	-20040312ADT
29	KHOG-TV	FAYETTEVILLE AR	305.1	LIC	BLCT	-19980109KF
29	KPTS	HUTCHINSON KS	310.7	LIC	BLEDT	-20030724AER
29	KPTS-DT	HUTCHINSON KS	310.7	PLN	DTVPLN	-DTVP0699
29	KRBC-DT	ABILENE TX	400.0	PLN	DTVPLN	-DTVP0723
29	KRBC-TV	ABILENE TX	400.3	PRTCT	BMPCDT	-20040802AMT
29	KMPX	DECATUR TX	301.4	LIC	BLCT	-20050707ABJ
30	K30AE	ALVA OK	199.9	OETA07	MRD	-1983MRD
30	KTUZ-TV	SHAWNEE OK	0.0	CP	BPCT	-20040729A0V

Proposal causes no interference

#####

#### Analysis of Interference to Affected Station 8

Analysis of current record				
Channel	Call	City/State	Application	Ref. No.
29	K29BR	CANADIAN, ETC. TX	BLTT	-19880613IH

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
29	KPTS	HUTCHINSON KS	317.7	LIC	BLEDT	-20030724AER
29	KPTS-DT	HUTCHINSON KS	317.7	PLN	DTVPLN	-DTVP0699
29	K29EI	ELK CITY, ETC. OK	125.6	LIC	BLTT	-20031211ABL
29	KAQS-DT	SHAWNEE OK	285.8	PLN	DTVPLN	-DTVP0714
29	KTUZ-TV	SHAWNEE OK	285.6	CP MOD	BMPCDT	-20040729ANF
29	K29GD	AMARILLO TX	165.0	CP	BNPTTL	-20000830BID
30	K30AE	ALVA OK	178.9	OETA07	MRD	-1983MRD

Proposed station is beyond the site to nearest cell evaluation distance

#####



DLPTV Results - K30AE  
Analysis of Interference to Affected Station 9

Analysis of current record

Channel	Call	City/State	Application Ref. No.
30	K30GD	GREAT BEND KS	BDFCDTT -20060331ACT

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
22	KSNC	GREAT BEND KS	5.2	PRTCT	BDTV -382554
22	KSNC-DT	GREAT BEND KS	5.2	PLN	DTVPLN -DTVP0454
29	KPTS	HUTCHINSON KS	91.3	LIC	BLEDT -20030724AER
29	KPTS-DT	HUTCHINSON KS	91.3	PLN	DTVPLN -DTVP0699
30	KOAM-DT	PITTSBURG KS	376.3	PLN	DTVPLN -DTVP0740del
30	K30AE	ALVA OK	180.6	OETA07	MRD -1983MRD
30	KTUZ-TV	SHAWNEE OK	368.3	CP	BPCT -20040729AOV
31	KSCW	WICHITA KS	124.5	LIC	BLCDT -20020501AAQ
31	KWCV-DT	WICHITA KS	124.1	PLN	DTVPLN -DTVP0775
45	KSNW	WICHITA KS	126.9	LIC	BLCDT -20041029AJF
45	KSNW-DT	WICHITA KS	126.5	PLN	DTVPLN -DTVP1235

Proposal causes no interference

#####

Analysis of Interference to Affected Station 10

Analysis of current record

Channel	Call	City/State	Application Ref. No.
30	K30GD	GREAT BEND KS	BLTT -20030805AIJ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
22	KSNC	GREAT BEND KS	5.2	PRTCT	BDTV -382554
22	KSNC-DT	GREAT BEND KS	5.2	PLN	DTVPLN -DTVP0454
26	KSAS-DT	WICHITA KS	117.8	PLN	DTVPLN -DTVP0599
26	KSAS-TV	WICHITA KS	126.9	LIC	BLCDT -20021120AAN
29	KPTS	HUTCHINSON KS	91.3	LIC	BLEDT -20030724AER
29	KPTS-DT	HUTCHINSON KS	91.3	PLN	DTVPLN -DTVP0699
30	K30HN	JUNCTION CITY KS	173.6	CP	BNPTTL -20000807AAY
30	KOAM-DT	PITTSBURG KS	376.3	PLN	DTVPLN -DTVP0740del
30	K30AE	ALVA OK	180.6	OETA07	MRD -1983MRD
30	KTUZ-TV	SHAWNEE OK	368.3	CP	BPCT -20040729AOV
31	KSCW	WICHITA KS	124.5	LIC	BLCDT -20020501AAQ
31	KWCV-DT	WICHITA KS	124.1	PLN	DTVPLN -DTVP0775
45	KSNW	WICHITA KS	126.9	LIC	BLCDT -20041029AJF
45	KSNW-DT	WICHITA KS	126.5	PLN	DTVPLN -DTVP1235

Proposal causes no interference

#####

Analysis of Interference to Affected Station 11

Analysis of current record

Channel	Call	City/State	Application Ref. No.
30	K30AL	IOLA KS	BDFCDTT -20060208AAW

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
23	KTWU	TOPEKA KS	139.9	LIC	BLEDT -20030610AAO
23	KTWU-DT	TOPEKA KS	140.0	PLN	DTVPLN -DTVP0495
28	KSNT	TOPEKA KS	143.6	LIC	BLCDT -20051103AAP
28	KSNT-DT	TOPEKA KS	143.6	PLN	DTVPLN -DTVP0668
30	KOAM-DT	PITTSBURG KS	84.8	PLN	DTVPLN -DTVP0740del

DLPTV Results - K30AE

30	KCLJ-CA	JOPLIN MO	115.1	LIC	BLTTA	-20050506ACG
30	K30AE	ALVA OK	328.2	OETA07	MRD	-1983MRD
30	KTUZ-TV	SHAWNEE OK	352.5	CP	BPCT	-20040729AOV
31	KCWB-DT	KANSAS CITY MO	122.5	PLN	DTVPLN	-DTVP0780
34	WDAF-DT	KANSAS CITY MO	137.2	PLN	DTVPLN	-DTVP0889

Proposal causes no interference

#####

#### Analysis of Interference to Affected Station 12

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
30	K30AL	IOLA KS	BLTT	-19840828ID

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
23	KTWU	TOPEKA KS	140.0	LIC	BLEDT	-20030610AAO
23	KTWU-DT	TOPEKA KS	140.0	PLN	DTVPLN	-DTVP0495
28	KSNT	TOPEKA KS	143.7	LIC	BLCDDT	-20051103AAP
28	KSNT-DT	TOPEKA KS	143.7	PLN	DTVPLN	-DTVP0668
30	KOAM-DT	PITTSBURG KS	84.8	PLN	DTVPLN	-DTVP0740del
30	KCLJ-CA	JOPLIN MO	115.1	LIC	BLTTA	-20050506ACG
30	K30AE	ALVA OK	328.2	OETA07	MRD	-1983MRD
30	KTUZ-TV	SHAWNEE OK	352.4	CP	BPCT	-20040729AOV
31	KCWB-DT	KANSAS CITY MO	122.6	PLN	DTVPLN	-DTVP0780
34	WDAF-DT	KANSAS CITY MO	137.3	PLN	DTVPLN	-DTVP0889

Proposal causes no interference

#####

#### Analysis of Interference to Affected Station 13

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
30	K30HN	JUNCTION CITY KS	BNPTTL	-20000807AAV

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
23	KTWU	TOPEKA KS	96.4	LIC	BLEDT	-20030610AAO
23	KTWU-DT	TOPEKA KS	96.4	PLN	DTVPLN	-DTVP0495
26	KSAS-DT	WICHITA KS	131.5	PLN	DTVPLN	-DTVP0599
28	KSNT	TOPEKA KS	94.8	LIC	BLCDDT	-20051103AAP
28	KSNT-DT	TOPEKA KS	94.8	PLN	DTVPLN	-DTVP0668
29	KPTS	HUTCHINSON KS	132.0	LIC	BLEDT	-20030724AER
29	KPTS-DT	HUTCHINSON KS	132.0	PLN	DTVPLN	-DTVP0699
30	K30GD	GREAT BEND KS	173.6	LIC	BLTT	-20030805AIJ
30	KOAM-DT	PITTSBURG KS	275.2	PLN	DTVPLN	-DTVP0740del
30	K30AE	ALVA OK	288.1	OETA07	MRD	-1983MRD
31	K31BW	MANHATTAN KS	32.6	LIC	BLTTL	-19890119II
44	WIBW-DT	TOPEKA KS	71.5	PLN	DTVPLN	-DTVP1199
44	WIBW-TV	TOPEKA KS	71.6	LIC	BLCDDT	-20051221ALU

Proposal causes no interference

#####

#### Analysis of Interference to Affected Station 14

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
30	KCLJ-CA	JOPLIN MO	BLTTA	-20050506ACG

DLPTV Results - K30AE  
Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
23	KOZK-DT	SPRINGFIELD MO	128.9	PLN	DTVPLN	-DTVP0498
28	KDEB-DT	SPRINGFIELD MO	129.9	PLN	DTVPLN	-DTVP0674
29	KHOG-TV	FAYETTEVILLE AR	118.4	LIC	BLCT	-19980109KF
30	KLRT-DT	LITTLE ROCK AR	303.2	PLN	DTVPLN	-DTVP0729
30	KLRT-TV	LITTLE ROCK AR	303.2	LIC	BLC DT	-20020507AAK
30	KOAM-DT	PITTSBURG KS	33.8	PLN	DTVPLN	-DTVP0740del
30	K30AE	ALVA OK	371.7	OETA07	MRD	-1983MRD
30	KTUZ-TV	SHAWNEE OK	329.7	CP	BPCT	-20040729A0V
31	KWBM	HARRISON AR	124.1	LIC	BLCT	-20010102AAZ
44	KYTV-DT	SPRINGFIELD MO	128.9	PLN	DTVPLN	-DTVP1208
45	KAFT-DT	FAYETTEVILLE AR	141.3	PLN	DTVPLN	-DTVP1224

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 15

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
30	KCLJ-CA	JOPLIN MO	BSTA	-20030422ABP

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
23	KOZK-DT	SPRINGFIELD MO	128.9	PLN	DTVPLN	-DTVP0498
28	KDEB-DT	SPRINGFIELD MO	129.9	PLN	DTVPLN	-DTVP0674
29	KHOG-TV	FAYETTEVILLE AR	118.4	LIC	BLCT	-19980109KF
30	KLRT-DT	LITTLE ROCK AR	303.2	PLN	DTVPLN	-DTVP0729
30	KLRT-TV	LITTLE ROCK AR	303.2	LIC	BLC DT	-20020507AAK
30	KOAM-DT	PITTSBURG KS	33.8	PLN	DTVPLN	-DTVP0740del
30	K30AE	ALVA OK	371.7	OETA07	MRD	-1983MRD
30	KTUZ-TV	SHAWNEE OK	329.7	CP	BPCT	-20040729A0V
31	KWBM	HARRISON AR	124.1	LIC	BLCT	-20010102AAZ
44	KYTV-DT	SPRINGFIELD MO	128.9	PLN	DTVPLN	-DTVP1208
45	KAFT-DT	FAYETTEVILLE AR	141.3	PLN	DTVPLN	-DTVP1224

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 16

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
30	KOUN-LP	LAWTON OK	BNPTTL	-20000807AAR

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
22	KAUZ-DT	WICHITA FALLS TX	72.1	PLN	DTVPLN	-DTVP0480
22	KAUZ-TV	WICHITA FALLS TX	72.1	PRTCT	BDTV	-335404
23	KSWO-DT	LAWTON OK	40.7	PLN	DTVPLN	-DTVP0508
28	KFDX-DT	WICHITA FALLS TX	73.4	PLN	DTVPLN	-DTVP0686
28	KFDX-TV	WICHITA FALLS TX	73.4	PRTCT	BMPCDT	-20040312ADT
30	K30AE	ALVA OK	248.6	OETA07	MRD	-1983MRD
30	KTUZ-TV	SHAWNEE OK	136.4	CP	BPCT	-20040729A0V
30	K30EF	STRONG CITY OK	166.9	CP	BPTT	-20030206ACX
30	KMPX	DECATUR TX	261.9	CP	BPCDT	-20000501AHH
30	KMPX	DECATUR TX	262.1	LIC	BLC DT	-20060317AGE
30	KMPX-DT	DECATUR TX	239.0	PLN	DTVPLN	-DTVP0756

DLPTV Results - K30AE  
 30 K30DJ WICHITA FALLS TX 72.5 LIC BLTTL -19931112IW  
 31 NEW LAWTON OK 0.0 APP BNPTTL -20000830BTI  
 Proposal causes no interference

#####

# Analysis of Interference to Affected Station 17

## NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
30	KAQS	SHAWNEE OK	DTVPLN	-NPLN1267

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
23	KOKI-TV	TULSA OK	171.2	PLN	DTVPLN	-NPLN1255
26	KTEN-DT	ADA OK	124.6	PLN	DTVPLN	-DTVP0611
27	KFOR-DT	OKLAHOMA CITY OK	34.8	PLN	DTVPLN	-DTVP0645
28	KGLB-DT	OKMULGEE OK	125.7	PLN	DTVPLN	-DTVP0681
29	KAQS-DT	SHAWNEE OK	0.0	PLN	DTVPLN	-DTVP0714
30	KOAM-DT	PITTSBURG KS	319.5	PLN	DTVPLN	-DTVP0740del
30	KMPX-DT	DECATUR TX	270.5	PLN	DTVPLN	-DTVP0756
31	NEW	ELK CITY OK	196.4	PLN	DTVPLN	-NPLN1269
31	KOET-DT	EUFAULA OK	181.7	PLN	DTVPLN	-DTVP0788
32	KETA-DT	OKLAHOMA CITY OK	33.2	PLN	DTVPLN	-DTVP0825
33	KOCB-DT	OKLAHOMA CITY OK	33.8	PLN	DTVPLN	-DTVP0861
34	KOCB	OKLAHOMA CITY OK	33.8	PLN	DTVPLN	-NPLN1274
44	KGLBTV	OKMULGEE OK	125.7	PLN	DTVPLN	-NPLN1286

Results for:	30N OK SHAWNEE	DTVPLN	NPLN1267	PLN
		POPULATION	AREA (sq km)	
within Noise Limited Contour		1091468	20227.7	
not affected by terrain losses		1090877	20116.1	
lost to NTSC IX		6293	293.9	
lost to additional IX by ATV		2600	123.5	
lost to all IX		8893	417.4	

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
30	KTUZ-TV	SHAWNEE OK	BPCT	-20040729A0V

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
23	KOKI-TV	TULSA OK	171.2	LIC	BLCT	-20030416AAI
26	KTEN	ADA OK	124.8	CP	BPCDT	-19991007AAW
26	KTEN-DT	ADA OK	124.8	PLN	DTVPLN	-DTVP0611
27	KFOR-DT	OKLAHOMA CITY OK	34.6	PLN	DTVPLN	-DTVP0645
27	KFOR-TV	OKLAHOMA CITY OK	37.6	LIC	BLCDDT	-20050701ABR
28	KGLB-DT	OKMULGEE OK	125.7	PLN	DTVPLN	-DTVP0681
28	KTPX	OKMULGEE OK	125.7	LIC	BLCDDT	-20020510AAQ
29	KAQS-DT	SHAWNEE OK	0.3	PLN	DTVPLN	-DTVP0714
29	KTUZ-TV	SHAWNEE OK	0.0	CP MOD	BMPCDT	-20040729ANF
30	KOAM-DT	PITTSBURG KS	319.4	PLN	DTVPLN	-DTVP0740del
30	K30AE	ALVA OK	199.9	OETA07	MRD	-1983MRD
30	KMPX	DECATUR TX	301.3	CP	BPCDT	-20000501AHH
30	KMPX	DECATUR TX	301.4	LIC	BLCDDT	-20060317AGE
30	KMPX-DT	DECATUR TX	270.8	PLN	DTVPLN	-DTVP0756
31	KOET	EUFAULA OK	181.9	CP MOD	BMPEDT	-20021015ABW
31	KOET-DT	EUFAULA OK	181.9	PLN	DTVPLN	-DTVP0788
32	KETA-DT	OKLAHOMA CITY OK	32.9	PLN	DTVPLN	-DTVP0825
32	KETA-TV	OKLAHOMA CITY OK	37.6	CP	BPEDT	-20000426ABH
33	KOCB	OKLAHOMA CITY OK	32.6	CP MOD	BMPCDT	-20020813ABE
33	KOCB-DT	OKLAHOMA CITY OK	33.6	PLN	DTVPLN	-DTVP0861
34	KOCB	OKLAHOMA CITY OK	32.6	CP	BPCT	-20020722AAF
44	KTPX	OKMULGEE OK	125.7	LIC	BLCT	-19970630KF

Total scenarios = 8

# DLPTV Results - K30AE

Result key: 1  
 Scenario 1 Affected station 17  
 Before Analysis

Results for: 30N OK SHAWNEE	BPCT	20040729A0V	CP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1037436	15648.6	
not affected by terrain losses	1037382	15602.8	
lost to NTSC IX	7190	350.5	
lost to additional IX by ATV	2525	212.1	
lost to all IX	9715	562.5	

Potential Interfering Stations Included in above Scenario 1

34N OK OKLAHOMA CITY	BPCT	20020722AAF	CP
27A OK OKLAHOMA CITY	DTVPLN	DTVP0645	PLN
29A OK SHAWNEE	DTVPLN	DTVP0714	PLN
30A KS PITTSBURG	DTVPLN	DTVP0740del	PLN
30A TX DECATUR	BLCDT	20060317AGE	LIC
32A OK OKLAHOMA CITY	DTVPLN	DTVP0825	PLN
33A OK OKLAHOMA CITY	BMPCDT	20020813ABE	CP

After Analysis

Results for: 30N OK SHAWNEE	BPCT	20040729A0V	CP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1037436	15648.6	
not affected by terrain losses	1037382	15602.8	
lost to NTSC IX	7190	350.5	
lost to additional IX by ATV	2561	220.0	
lost to all IX	9751	570.5	

Potential Interfering Stations Included in above Scenario 1

34N OK OKLAHOMA CITY	BPCT	20020722AAF	CP
27A OK OKLAHOMA CITY	DTVPLN	DTVP0645	PLN
29A OK SHAWNEE	DTVPLN	DTVP0714	PLN
30A KS PITTSBURG	DTVPLN	DTVP0740del	PLN
30A TX DECATUR	BLCDT	20060317AGE	LIC
32A OK OKLAHOMA CITY	DTVPLN	DTVP0825	PLN
33A OK OKLAHOMA CITY	BMPCDT	20020813ABE	CP
30A OK ALVA	MRD	1983MRD	OET

Result key: 2  
 Scenario 2 Affected station 17  
 Before Analysis

Results for: 30N OK SHAWNEE	BPCT	20040729A0V	CP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1037436	15648.6	
not affected by terrain losses	1037382	15602.8	
lost to NTSC IX	7190	350.5	
lost to additional IX by ATV	9575	336.5	
lost to all IX	16765	687.0	

Potential Interfering Stations Included in above Scenario 2

34N OK OKLAHOMA CITY	BPCT	20020722AAF	CP
27A OK OKLAHOMA CITY	DTVPLN	DTVP0645	PLN
29A OK SHAWNEE	DTVPLN	DTVP0714	PLN
30A KS PITTSBURG	DTVPLN	DTVP0740del	PLN
30A TX DECATUR	BLCDT	20060317AGE	LIC
32A OK OKLAHOMA CITY	BPEDT	20000426ABH	CP
33A OK OKLAHOMA CITY	BMPCDT	20020813ABE	CP

After Analysis

Results for: 30N OK SHAWNEE	BPCT	20040729A0V	CP
-----------------------------	------	-------------	----

## DLPTV Results - K30AE

	POPULATION	AREA (sq km)
within Noise Limited Contour	1037436	15648.6
not affected by terrain losses	1037382	15602.8
lost to NTSC IX	7190	350.5
lost to additional IX by ATV	9589	343.5
lost to all IX	16779	694.0

Potential Interfering Stations Included in above Scenario 2

34N OK OKLAHOMA CITY	BPCT	20020722AAF	CP
27A OK OKLAHOMA CITY	DTVPLN	DTVP0645	PLN
29A OK SHAWNEE	DTVPLN	DTVP0714	PLN
30A KS PITTSBURG	DTVPLN	DTVP0740del	PLN
30A TX DECATUR	BLCDT	20060317AGE	LIC
32A OK OKLAHOMA CITY	BPEDT	20000426ABH	CP
33A OK OKLAHOMA CITY	BMPCDT	20020813ABE	CP
30A OK ALVA	MRD	1983MRD	OET

Result key: 3  
 Scenario 3 Affected station 17  
 Before Analysis

Results for: 30N OK SHAWNEE BPCT 20040729A0V CP

	POPULATION	AREA (sq km)
within Noise Limited Contour	1037436	15648.6
not affected by terrain losses	1037382	15602.8
lost to NTSC IX	7190	350.5
lost to additional IX by ATV	2696	239.0
lost to all IX	9886	589.4

Potential Interfering Stations Included in above Scenario 3

34N OK OKLAHOMA CITY	BPCT	20020722AAF	CP
27A OK OKLAHOMA CITY	DTVPLN	DTVP0645	PLN
29A OK SHAWNEE	BMPCDT	20040729ANF	CP
30A KS PITTSBURG	DTVPLN	DTVP0740del	PLN
30A TX DECATUR	BLCDT	20060317AGE	LIC
32A OK OKLAHOMA CITY	DTVPLN	DTVP0825	PLN
33A OK OKLAHOMA CITY	BMPCDT	20020813ABE	CP

After Analysis

Results for: 30N OK SHAWNEE BPCT 20040729A0V CP

	POPULATION	AREA (sq km)
within Noise Limited Contour	1037436	15648.6
not affected by terrain losses	1037382	15602.8
lost to NTSC IX	7190	350.5
lost to additional IX by ATV	2732	246.9
lost to all IX	9922	597.4

Potential Interfering Stations Included in above Scenario 3

34N OK OKLAHOMA CITY	BPCT	20020722AAF	CP
27A OK OKLAHOMA CITY	DTVPLN	DTVP0645	PLN
29A OK SHAWNEE	BMPCDT	20040729ANF	CP
30A KS PITTSBURG	DTVPLN	DTVP0740del	PLN
30A TX DECATUR	BLCDT	20060317AGE	LIC
32A OK OKLAHOMA CITY	DTVPLN	DTVP0825	PLN
33A OK OKLAHOMA CITY	BMPCDT	20020813ABE	CP
30A OK ALVA	MRD	1983MRD	OET

Result key: 4  
 Scenario 4 Affected station 17  
 Before Analysis

Results for: 30N OK SHAWNEE BPCT 20040729A0V CP

	POPULATION	AREA (sq km)
within Noise Limited Contour	1037436	15648.6
not affected by terrain losses	1037382	15602.8
lost to NTSC IX	7190	350.5

	DLPTV Results - K30AE	
lost to additional IX by ATV	9746	363.4
lost to all IX	16936	713.9

Potential Interfering Stations Included in above Scenario 4

34N OK OKLAHOMA CITY	BPCT	20020722AAF	CP
27A OK OKLAHOMA CITY	DTVPLN	DTVP0645	PLN
29A OK SHAWNEE	BMPCDT	20040729ANF	CP
30A KS PITTSBURG	DTVPLN	DTVP0740del	PLN
30A TX DECATUR	BLCDT	20060317AGE	LIC
32A OK OKLAHOMA CITY	BPEDT	20000426ABH	CP
33A OK OKLAHOMA CITY	BMPCDT	20020813ABE	CP

After Analysis

Results for: 30N OK SHAWNEE	BPCT	20040729A0V	CP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1037436	15648.6	
not affected by terrain losses	1037382	15602.8	
lost to NTSC IX	7190	350.5	
lost to additional IX by ATV	9760	370.4	
lost to all IX	16950	720.8	

Potential Interfering Stations Included in above Scenario 4

34N OK OKLAHOMA CITY	BPCT	20020722AAF	CP
27A OK OKLAHOMA CITY	DTVPLN	DTVP0645	PLN
29A OK SHAWNEE	BMPCDT	20040729ANF	CP
30A KS PITTSBURG	DTVPLN	DTVP0740del	PLN
30A TX DECATUR	BLCDT	20060317AGE	LIC
32A OK OKLAHOMA CITY	BPEDT	20000426ABH	CP
33A OK OKLAHOMA CITY	BMPCDT	20020813ABE	CP
30A OK ALVA	MRD	1983MRD	OET

Result key: 5  
Scenario 5 Affected station 17  
Before Analysis

Results for: 30N OK SHAWNEE	BPCT	20040729A0V	CP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1037436	15648.6	
not affected by terrain losses	1037382	15602.8	
lost to NTSC IX	7190	350.5	
lost to additional IX by ATV	6366	295.7	
lost to all IX	13556	646.2	

Potential Interfering Stations Included in above Scenario 5

34N OK OKLAHOMA CITY	BPCT	20020722AAF	CP
27A OK OKLAHOMA CITY	BLCDT	20050701ABR	LIC
29A OK SHAWNEE	DTVPLN	DTVP0714	PLN
30A KS PITTSBURG	DTVPLN	DTVP0740del	PLN
30A TX DECATUR	BLCDT	20060317AGE	LIC
32A OK OKLAHOMA CITY	DTVPLN	DTVP0825	PLN
33A OK OKLAHOMA CITY	BMPCDT	20020813ABE	CP

After Analysis

Results for: 30N OK SHAWNEE	BPCT	20040729A0V	CP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1037436	15648.6	
not affected by terrain losses	1037382	15602.8	
lost to NTSC IX	7190	350.5	
lost to additional IX by ATV	6380	302.7	
lost to all IX	13570	653.1	

Potential Interfering Stations Included in above Scenario 5

34N OK OKLAHOMA CITY	BPCT	20020722AAF	CP
27A OK OKLAHOMA CITY	BLCDT	20050701ABR	LIC

DLPTV Results - K30AE

29A OK SHAWNEE	DTVPLN	DTVP0714	PLN
30A KS PITTSBURG	DTVPLN	DTVP0740del	PLN
30A TX DECATUR	BLCDT	20060317AGE	LIC
32A OK OKLAHOMA CITY	DTVPLN	DTVP0825	PLN
33A OK OKLAHOMA CITY	BMPCDT	20020813ABE	CP
30A OK ALVA	MRD	1983MRD	OET

Result key: 6  
 Scenario 6 Affected station 17  
 Before Analysis

Results for: 30N OK SHAWNEE

	BPCT	20040729A0V	CP
within Noise Limited Contour	POPULATION 1037436	AREA (sq km) 15648.6	
not affected by terrain losses	1037382	15602.8	
lost to NTSC IX	7190	350.5	
lost to additional IX by ATV	9560	334.5	
lost to all IX	16750	685.0	

Potential Interfering Stations Included in above Scenario 6

34N OK OKLAHOMA CITY	BPCT	20020722AAF	CP
27A OK OKLAHOMA CITY	BLCDT	20050701ABR	LIC
29A OK SHAWNEE	DTVPLN	DTVP0714	PLN
30A KS PITTSBURG	DTVPLN	DTVP0740del	PLN
30A TX DECATUR	BLCDT	20060317AGE	LIC
32A OK OKLAHOMA CITY	BPEDT	20000426ABH	CP
33A OK OKLAHOMA CITY	BMPCDT	20020813ABE	CP

After Analysis

Results for: 30N OK SHAWNEE

	BPCT	20040729A0V	CP
within Noise Limited Contour	POPULATION 1037436	AREA (sq km) 15648.6	
not affected by terrain losses	1037382	15602.8	
lost to NTSC IX	7190	350.5	
lost to additional IX by ATV	9574	341.5	
lost to all IX	16764	692.0	

Potential Interfering Stations Included in above Scenario 6

34N OK OKLAHOMA CITY	BPCT	20020722AAF	CP
27A OK OKLAHOMA CITY	BLCDT	20050701ABR	LIC
29A OK SHAWNEE	DTVPLN	DTVP0714	PLN
30A KS PITTSBURG	DTVPLN	DTVP0740del	PLN
30A TX DECATUR	BLCDT	20060317AGE	LIC
32A OK OKLAHOMA CITY	BPEDT	20000426ABH	CP
33A OK OKLAHOMA CITY	BMPCDT	20020813ABE	CP
30A OK ALVA	MRD	1983MRD	OET

Result key: 7  
 Scenario 7 Affected station 17  
 Before Analysis

Results for: 30N OK SHAWNEE

	BPCT	20040729A0V	CP
within Noise Limited Contour	POPULATION 1037436	AREA (sq km) 15648.6	
not affected by terrain losses	1037382	15602.8	
lost to NTSC IX	7190	350.5	
lost to additional IX by ATV	6537	322.6	
lost to all IX	13727	673.1	

Potential Interfering Stations Included in above Scenario 7

34N OK OKLAHOMA CITY	BPCT	20020722AAF	CP
27A OK OKLAHOMA CITY	BLCDT	20050701ABR	LIC
29A OK SHAWNEE	BMPCDT	20040729ANF	CP
30A KS PITTSBURG	DTVPLN	DTVP0740del	PLN
30A TX DECATUR	BLCDT	20060317AGE	LIC
32A OK OKLAHOMA CITY	DTVPLN	DTVP0825	PLN



DLPTV Results - K30AE  
33A OK OKLAHOMA CITY      BMPCDT      20020813ABE      CP

After Analysis

Results for: 30N OK SHAWNEE	BPCT	20040729A0V	CP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1037436	15648.6	
not affected by terrain losses	1037382	15602.8	
lost to NTSC IX	7190	350.5	
lost to additional IX by ATV	6551	329.6	
lost to all IX	13741	680.0	

Potential Interfering Stations Included in above Scenario      7

34N OK OKLAHOMA CITY	BPCT	20020722AAF	CP
27A OK OKLAHOMA CITY	BLCDT	20050701ABR	LIC
29A OK SHAWNEE	BMPCDT	20040729ANF	CP
30A KS PITTSBURG	DTVPLN	DTVP0740del	PLN
30A TX DECATUR	BLCDT	20060317AGE	LIC
32A OK OKLAHOMA CITY	DTVPLN	DTVP0825	PLN
33A OK OKLAHOMA CITY	BMPCDT	20020813ABE	CP
30A OK ALVA	MRD	1983MRD	OET

Result key:      8  
Scenario      8      Affected station      17  
Before Analysis

Results for: 30N OK SHAWNEE	BPCT	20040729A0V	CP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1037436	15648.6	
not affected by terrain losses	1037382	15602.8	
lost to NTSC IX	7190	350.5	
lost to additional IX by ATV	9731	361.4	
lost to all IX	16921	711.9	

Potential Interfering Stations Included in above Scenario      8

34N OK OKLAHOMA CITY	BPCT	20020722AAF	CP
27A OK OKLAHOMA CITY	BLCDT	20050701ABR	LIC
29A OK SHAWNEE	BMPCDT	20040729ANF	CP
30A KS PITTSBURG	DTVPLN	DTVP0740del	PLN
30A TX DECATUR	BLCDT	20060317AGE	LIC
32A OK OKLAHOMA CITY	BPEDT	20000426ABH	CP
33A OK OKLAHOMA CITY	BMPCDT	20020813ABE	CP

After Analysis

Results for: 30N OK SHAWNEE	BPCT	20040729A0V	CP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1037436	15648.6	
not affected by terrain losses	1037382	15602.8	
lost to NTSC IX	7190	350.5	
lost to additional IX by ATV	9745	368.4	
lost to all IX	16935	718.9	

Potential Interfering Stations Included in above Scenario      8

34N OK OKLAHOMA CITY	BPCT	20020722AAF	CP
27A OK OKLAHOMA CITY	BLCDT	20050701ABR	LIC
29A OK SHAWNEE	BMPCDT	20040729ANF	CP
30A KS PITTSBURG	DTVPLN	DTVP0740del	PLN
30A TX DECATUR	BLCDT	20060317AGE	LIC
32A OK OKLAHOMA CITY	BPEDT	20000426ABH	CP
33A OK OKLAHOMA CITY	BMPCDT	20020813ABE	CP
30A OK ALVA	MRD	1983MRD	OET

#####

## DLPTV Results - K30AE

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
30	KTUZ-TV	SHAWNEE OK	BLCT	-20001108ABD

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
23	KOKI-TV	TULSA OK	171.2	LIC	BLCT	-20030416AAI
26	KTEN	ADA OK	124.8	CP	BPCDT	-19991007AAW
26	KTEN-DT	ADA OK	124.8	PLN	DTVPLN	-DTVP0611
27	KFOR-DT	OKLAHOMA CITY OK	34.6	PLN	DTVPLN	-DTVP0645
27	KFOR-TV	OKLAHOMA CITY OK	37.6	LIC	BLCDDT	-20050701ABR
28	KGLB-DT	OKMULGEE OK	125.7	PLN	DTVPLN	-DTVP0681
28	KTPX	OKMULGEE OK	125.7	LIC	BLCDDT	-20020510AAQ
29	KAQS-DT	SHAWNEE OK	0.3	PLN	DTVPLN	-DTVP0714
29	KTUZ-TV	SHAWNEE OK	0.0	CP MOD	BMPCDDT	-20040729ANF
30	KOAM-DT	PITTSBURG KS	319.4	PLN	DTVPLN	-DTVP0740del
30	K30AE	ALVA OK	199.9	OETA07	MRD	-1983MRD
30	KMPX	DECATUR TX	301.3	CP	BPCDDT	-20000501AHH
30	KMPX	DECATUR TX	301.4	LIC	BLCDDT	-20060317AGE
30	KMPX-DT	DECATUR TX	270.8	PLN	DTVPLN	-DTVP0756
31	KOET	EUFAULA OK	181.9	CP MOD	BMPCDDT	-20021015ABW
31	KOET-DT	EUFAULA OK	181.9	PLN	DTVPLN	-DTVP0788
32	KETA-DT	OKLAHOMA CITY OK	32.9	PLN	DTVPLN	-DTVP0825
32	KETA-TV	OKLAHOMA CITY OK	37.6	CP	BPEDT	-20000426ABH
33	KOCB	OKLAHOMA CITY OK	32.6	CP MOD	BMPCDDT	-20020813ABE
33	KOCB-DT	OKLAHOMA CITY OK	33.6	PLN	DTVPLN	-DTVP0861
34	KOCB	OKLAHOMA CITY OK	32.6	CP	BPCT	-20020722AAF
44	KTPX	OKMULGEE OK	125.7	LIC	BLCT	-19970630KF

Total scenarios = 8

Result key: 9

Scenario 1 Affected station 18

Before Analysis

Results for: 30N OK SHAWNEE	BLCT	20001108ABD	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1079549	19560.5	
not affected by terrain losses	1078395	19450.9	
lost to NTSC IX	5207	251.0	
lost to additional IX by ATV	1417	156.4	
lost to all IX	6624	407.4	

Potential Interfering Stations Included in above Scenario 1

34N OK OKLAHOMA CITY	BPCT	20020722AAF	CP
44N OK OKMULGEE	BLCT	19970630KF	LIC
27A OK OKLAHOMA CITY	DTVPLN	DTVP0645	PLN
30A KS PITTSBURG	DTVPLN	DTVP0740del	PLN
30A TX DECATUR	BPCDDT	20000501AHH	CP
32A OK OKLAHOMA CITY	DTVPLN	DTVP0825	PLN
33A OK OKLAHOMA CITY	BMPCDDT	20020813ABE	CP

After Analysis

Results for: 30N OK SHAWNEE	BLCT	20001108ABD	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1079549	19560.5	
not affected by terrain losses	1078395	19450.9	
lost to NTSC IX	5207	251.0	
lost to additional IX by ATV	1437	167.4	
lost to all IX	6644	418.4	

Potential Interfering Stations Included in above Scenario 1

34N OK OKLAHOMA CITY	BPCT	20020722AAF	CP
----------------------	------	-------------	----

DLPTV Results - K30AE

44N OK OKMULGEE	BLCT	19970630KF	LIC
27A OK OKLAHOMA CITY	DTVPLN	DTVP0645	PLN
30A KS PITTSBURG	DTVPLN	DTVP0740del	PLN
30A TX DECATUR	BPCDT	20000501AHH	CP
32A OK OKLAHOMA CITY	DTVPLN	DTVP0825	PLN
33A OK OKLAHOMA CITY	BMPCDT	20020813ABE	CP
30A OK ALVA	MRD	1983MRD	OET

Result key: 10  
 Scenario 2 Affected station 18  
 Before Analysis

Results for: 30N OK SHAWNEE

	BLCT	20001108ABD	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1079549	19560.5	
not affected by terrain losses	1078395	19450.9	
lost to NTSC IX	5207	251.0	
lost to additional IX by ATV	7466	283.9	
lost to all IX	12673	535.0	

Potential Interfering Stations Included in above Scenario 2

34N OK OKLAHOMA CITY	BPCT	20020722AAF	CP
44N OK OKMULGEE	BLCT	19970630KF	LIC
27A OK OKLAHOMA CITY	DTVPLN	DTVP0645	PLN
30A KS PITTSBURG	DTVPLN	DTVP0740del	PLN
30A TX DECATUR	BPCDT	20000501AHH	CP
32A OK OKLAHOMA CITY	BPEDT	20000426ABH	CP
33A OK OKLAHOMA CITY	BMPCDT	20020813ABE	CP

After Analysis

Results for: 30N OK SHAWNEE

	BLCT	20001108ABD	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1079549	19560.5	
not affected by terrain losses	1078395	19450.9	
lost to NTSC IX	5207	251.0	
lost to additional IX by ATV	7486	294.9	
lost to all IX	12693	545.9	

Potential Interfering Stations Included in above Scenario 2

34N OK OKLAHOMA CITY	BPCT	20020722AAF	CP
44N OK OKMULGEE	BLCT	19970630KF	LIC
27A OK OKLAHOMA CITY	DTVPLN	DTVP0645	PLN
30A KS PITTSBURG	DTVPLN	DTVP0740del	PLN
30A TX DECATUR	BPCDT	20000501AHH	CP
32A OK OKLAHOMA CITY	BPEDT	20000426ABH	CP
33A OK OKLAHOMA CITY	BMPCDT	20020813ABE	CP
30A OK ALVA	MRD	1983MRD	OET

Result key: 11  
 Scenario 3 Affected station 18  
 Before Analysis

Results for: 30N OK SHAWNEE

	BLCT	20001108ABD	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1079549	19560.5	
not affected by terrain losses	1078395	19450.9	
lost to NTSC IX	5207	251.0	
lost to additional IX by ATV	2676	329.7	
lost to all IX	7883	580.8	

Potential Interfering Stations Included in above Scenario 3

34N OK OKLAHOMA CITY	BPCT	20020722AAF	CP
44N OK OKMULGEE	BLCT	19970630KF	LIC
27A OK OKLAHOMA CITY	DTVPLN	DTVP0645	PLN
30A KS PITTSBURG	DTVPLN	DTVP0740del	PLN
30A TX DECATUR	BPCDT	20060317AGE	LIC

DLPTV Results - K30AE  
 32A OK OKLAHOMA CITY DTVPLN DTVP0825 PLN  
 33A OK OKLAHOMA CITY BMPCDT 20020813ABE CP

#### After Analysis

Results for: 30N OK SHAWNEE BLCT 20001108ABD LIC  
 POPULATION AREA (sq km)  
 within Noise Limited Contour 1079549 19560.5  
 not affected by terrain losses 1078395 19450.9  
 lost to NTSC IX 5207 251.0  
 lost to additional IX by ATV 2696 340.7  
 lost to all IX 7903 591.7

Potential Interfering Stations Included in above Scenario 3

34N OK OKLAHOMA CITY BPCT 20020722AAF CP  
 44N OK OKMULGEE BLCT 19970630KF LIC  
 27A OK OKLAHOMA CITY DTVPLN DTVP0645 PLN  
 30A KS PITTSBURG DTVPLN DTVP0740del PLN  
 30A TX DECATUR BLCDDT 20060317AGE LIC  
 32A OK OKLAHOMA CITY DTVPLN DTVP0825 PLN  
 33A OK OKLAHOMA CITY BMPCDT 20020813ABE CP  
 30A OK ALVA MRD 1983MRD OET

Result key: 12  
 Scenario 4 Affected station 18  
 Before Analysis

Results for: 30N OK SHAWNEE BLCT 20001108ABD LIC  
 POPULATION AREA (sq km)  
 within Noise Limited Contour 1079549 19560.5  
 not affected by terrain losses 1078395 19450.9  
 lost to NTSC IX 5207 251.0  
 lost to additional IX by ATV 8725 457.3  
 lost to all IX 13932 708.3

Potential Interfering Stations Included in above Scenario 4

34N OK OKLAHOMA CITY BPCT 20020722AAF CP  
 44N OK OKMULGEE BLCT 19970630KF LIC  
 27A OK OKLAHOMA CITY DTVPLN DTVP0645 PLN  
 30A KS PITTSBURG DTVPLN DTVP0740del PLN  
 30A TX DECATUR BLCDDT 20060317AGE LIC  
 32A OK OKLAHOMA CITY BPEDT 20000426ABH CP  
 33A OK OKLAHOMA CITY BMPCDT 20020813ABE CP

#### After Analysis

Results for: 30N OK SHAWNEE BLCT 20001108ABD LIC  
 POPULATION AREA (sq km)  
 within Noise Limited Contour 1079549 19560.5  
 not affected by terrain losses 1078395 19450.9  
 lost to NTSC IX 5207 251.0  
 lost to additional IX by ATV 8745 468.2  
 lost to all IX 13952 719.3

Potential Interfering Stations Included in above Scenario 4

34N OK OKLAHOMA CITY BPCT 20020722AAF CP  
 44N OK OKMULGEE BLCT 19970630KF LIC  
 27A OK OKLAHOMA CITY DTVPLN DTVP0645 PLN  
 30A KS PITTSBURG DTVPLN DTVP0740del PLN  
 30A TX DECATUR BLCDDT 20060317AGE LIC  
 32A OK OKLAHOMA CITY BPEDT 20000426ABH CP  
 33A OK OKLAHOMA CITY BMPCDT 20020813ABE CP  
 30A OK ALVA MRD 1983MRD OET

Result key: 13  
 Scenario 5 Affected station 18  
 Before Analysis

## DLPTV Results - K30AE

Results for: 30N OK SHAWNEE	BLCT	20001108ABD	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1079549	19560.5	
not affected by terrain losses	1078395	19450.9	
lost to NTSC IX	5207	251.0	
lost to additional IX by ATV	2740	233.1	
lost to all IX	7947	484.2	

Potential Interfering Stations Included in above Scenario 5

34N OK OKLAHOMA CITY	BPCT	20020722AAF	CP
44N OK OKMULGEE	BLCT	19970630KF	LIC
27A OK OKLAHOMA CITY	BLC DT	20050701ABR	LIC
30A KS PITTSBURG	DTVPLN	DTVP0740del	PLN
30A TX DECATUR	BPCDT	20000501AHH	CP
32A OK OKLAHOMA CITY	DTVPLN	DTVP0825	PLN
33A OK OKLAHOMA CITY	BMPCDT	20020813ABE	CP

## After Analysis

Results for: 30N OK SHAWNEE	BLCT	20001108ABD	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1079549	19560.5	
not affected by terrain losses	1078395	19450.9	
lost to NTSC IX	5207	251.0	
lost to additional IX by ATV	2760	244.1	
lost to all IX	7967	495.1	

Potential Interfering Stations Included in above Scenario 5

34N OK OKLAHOMA CITY	BPCT	20020722AAF	CP
44N OK OKMULGEE	BLCT	19970630KF	LIC
27A OK OKLAHOMA CITY	BLC DT	20050701ABR	LIC
30A KS PITTSBURG	DTVPLN	DTVP0740del	PLN
30A TX DECATUR	BPCDT	20000501AHH	CP
32A OK OKLAHOMA CITY	DTVPLN	DTVP0825	PLN
33A OK OKLAHOMA CITY	BMPCDT	20020813ABE	CP
30A OK ALVA	MRD	1983MRD	OET

Result key: 14  
 Scenario 6 Affected station 18  
 Before Analysis

Results for: 30N OK SHAWNEE	BLCT	20001108ABD	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1079549	19560.5	
not affected by terrain losses	1078395	19450.9	
lost to NTSC IX	5207	251.0	
lost to additional IX by ATV	7466	283.9	
lost to all IX	12673	535.0	

Potential Interfering Stations Included in above Scenario 6

34N OK OKLAHOMA CITY	BPCT	20020722AAF	CP
44N OK OKMULGEE	BLCT	19970630KF	LIC
27A OK OKLAHOMA CITY	BLC DT	20050701ABR	LIC
30A KS PITTSBURG	DTVPLN	DTVP0740del	PLN
30A TX DECATUR	BPCDT	20000501AHH	CP
32A OK OKLAHOMA CITY	BPEDT	20000426ABH	CP
33A OK OKLAHOMA CITY	BMPCDT	20020813ABE	CP

## After Analysis

Results for: 30N OK SHAWNEE	BLCT	20001108ABD	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1079549	19560.5	
not affected by terrain losses	1078395	19450.9	
lost to NTSC IX	5207	251.0	
lost to additional IX by ATV	7486	294.9	

## DLPTV Results - K30AE

lost to all IX 12693 545.9

Potential Interfering Stations Included in above Scenario 6

34N OK OKLAHOMA CITY	BPCT	20020722AAF	CP
44N OK OKMULGEE	BLCT	19970630KF	LIC
27A OK OKLAHOMA CITY	BLC DT	20050701ABR	LIC
30A KS PITTSBURG	DTVPLN	DTVP0740del	PLN
30A TX DECATUR	BPCDT	20000501AHH	CP
32A OK OKLAHOMA CITY	BPEDT	20000426ABH	CP
33A OK OKLAHOMA CITY	BMPCDT	20020813ABE	CP
30A OK ALVA	MRD	1983MRD	OET

Result key: 15  
 Scenario 7 Affected station 18  
 Before Analysis

Results for: 30N OK SHAWNEE	BLCT	20001108ABD	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1079549	19560.5	
not affected by terrain losses	1078395	19450.9	
lost to NTSC IX	5207	251.0	
lost to additional IX by ATV	3999	406.5	
lost to all IX	9206	657.5	

Potential Interfering Stations Included in above Scenario 7

34N OK OKLAHOMA CITY	BPCT	20020722AAF	CP
44N OK OKMULGEE	BLCT	19970630KF	LIC
27A OK OKLAHOMA CITY	BLC DT	20050701ABR	LIC
30A KS PITTSBURG	DTVPLN	DTVP0740del	PLN
30A TX DECATUR	BLC DT	20060317AGE	LIC
32A OK OKLAHOMA CITY	DTVPLN	DTVP0825	PLN
33A OK OKLAHOMA CITY	BMPCDT	20020813ABE	CP

After Analysis

Results for: 30N OK SHAWNEE	BLCT	20001108ABD	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1079549	19560.5	
not affected by terrain losses	1078395	19450.9	
lost to NTSC IX	5207	251.0	
lost to additional IX by ATV	4019	417.4	
lost to all IX	9226	668.5	

Potential Interfering Stations Included in above Scenario 7

34N OK OKLAHOMA CITY	BPCT	20020722AAF	CP
44N OK OKMULGEE	BLCT	19970630KF	LIC
27A OK OKLAHOMA CITY	BLC DT	20050701ABR	LIC
30A KS PITTSBURG	DTVPLN	DTVP0740del	PLN
30A TX DECATUR	BLC DT	20060317AGE	LIC
32A OK OKLAHOMA CITY	DTVPLN	DTVP0825	PLN
33A OK OKLAHOMA CITY	BMPCDT	20020813ABE	CP
30A OK ALVA	MRD	1983MRD	OET

Result key: 16  
 Scenario 8 Affected station 18  
 Before Analysis

Results for: 30N OK SHAWNEE	BLCT	20001108ABD	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1079549	19560.5	
not affected by terrain losses	1078395	19450.9	
lost to NTSC IX	5207	251.0	
lost to additional IX by ATV	8725	457.3	
lost to all IX	13932	708.3	

Potential Interfering Stations Included in above Scenario 8

DLPTV Results - K30AE

34N OK OKLAHOMA CITY	BPCT	20020722AAF	CP
44N OK OKMULGEE	BLCT	19970630KF	LIC
27A OK OKLAHOMA CITY	BLCDT	20050701ABR	LIC
30A KS PITTSBURG	DTVPLN	DTVP0740del	PLN
30A TX DECATUR	BLCDT	20060317AGE	LIC
32A OK OKLAHOMA CITY	BPEDT	20000426ABH	CP
33A OK OKLAHOMA CITY	BMPCDT	20020813ABE	CP

#### After Analysis

Results for: 30N OK SHAWNEE

	BLCT	20001108ABD	LIC
POPULATION	1079549	19560.5	
AREA (sq km)	1078395	19450.9	
within Noise Limited Contour	5207	251.0	
not affected by terrain losses	8745	468.2	
lost to NTSC IX	13952	719.3	
lost to additional IX by ATV			
lost to all IX			

#### Potential Interfering Stations Included in above Scenario 8

34N OK OKLAHOMA CITY	BPCT	20020722AAF	CP
44N OK OKMULGEE	BLCT	19970630KF	LIC
27A OK OKLAHOMA CITY	BLCDT	20050701ABR	LIC
30A KS PITTSBURG	DTVPLN	DTVP0740del	PLN
30A TX DECATUR	BLCDT	20060317AGE	LIC
32A OK OKLAHOMA CITY	BPEDT	20000426ABH	CP
33A OK OKLAHOMA CITY	BMPCDT	20020813ABE	CP
30A OK ALVA	MRD	1983MRD	OET

#####

#### Analysis of Interference to Affected Station 19

Analysis of current record

Channel	Call	City/State	Application Ref. No.
30	K30EF	STRONG CITY OK	BPTT -20030206ACX

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
30	K30AE	ALVA OK	144.6	OETA07 MRD	-1983MRD
30	K30AE	ALVA OK	144.6	LIC BLTT	-19820405IQ
30	KOUN-LP	LAWTON OK	166.9	CP BNPTTL	-20000807AAR
30	KTUZ-TV	SHAWNEE OK	210.8	CP BPCT	-20040729A0V
30	NEW	PAMPA TX	130.3	APP BNPTT	-20000830AWM

Proposal causes no interference

#####

#### Analysis of Interference to Affected Station 20

Analysis of current record

Channel	Call	City/State	Application Ref. No.
30	K30EF	STRONG CITY OK	BLTT -19940902IK

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
30	K30AE	ALVA OK	144.6	OETA07 MRD	-1983MRD
30	K30AE	ALVA OK	144.6	LIC BLTT	-19820405IQ
30	KOUN-LP	LAWTON OK	166.9	CP BNPTTL	-20000807AAR
30	KTUZ-TV	SHAWNEE OK	210.8	CP BPCT	-20040729A0V
30	NEW	PAMPA TX	130.3	APP BNPTT	-20000830AWM

Proposal causes no interference

#####

## DLPTV Results - K30AE

## Analysis of Interference to Affected Station 21

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
30	K30IX	TAHLEQUAH OK	BLTT -20060306B0Q

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
22	KOKI-DT	TULSA OK	66.9	PLN	DTVPLN -DTVP0472
22	KOKI-TV	TULSA OK	66.9	LIC	BLCDT -20021127AGL
23	KOKI-TV	TULSA OK	66.9	LIC	BLCT -20030416AAI
26	960621KE	TULSA OK	91.6	APP	BPET -19960621KE
27	KFTA-TV	FORT SMITH AR	78.4	APP	BMPCDT -20040803ABV
27	KFTA-TV	FORT SMITH AR	78.4	CP	BPCDT -19991028AEE
27	KPOM-DT	FORT SMITH AR	78.4	PLN	DTVPLN -DTVP0624
28	KGLB-DT	OKMULGEE OK	108.3	PLN	DTVPLN -DTVP0681
28	KTPX	OKMULGEE OK	108.3	LIC	BLCDT -20020510AAQ
29	KHOG-TV	FAYETTEVILLE AR	76.8	LIC	BLCT -19980109KF
30	KLRT-DT	LITTLE ROCK AR	258.1	PLN	DTVPLN -DTVP0729
30	KLRT-TV	LITTLE ROCK AR	258.1	LIC	BLCDT -20020507AAK
30	KOAM-DT	PITTSBURG KS	138.3	PLN	DTVPLN -DTVP0740del
30	K30AE	ALVA OK	336.0	OETA07	MRD -1983MRD
30	KTUZ-TV	SHAWNEE OK	230.7	CP	BPCT -20040729AOV
30	KMPX-DT	DECATUR TX	391.5	PLN	DTVPLN -DTVP0756
31	KOET	EUFAULA OK	96.7	CP MOD	BMPEDT -20021015ABW
31	KOET-DT	EUFAULA OK	96.7	PLN	DTVPLN -DTVP0788
38	KOED-DT	TULSA OK	66.5	PLN	DTVPLN -DTVP1006
38	KOED-TV	TULSA OK	66.5	CP MOD	BMPEDT -20021015ABX
44	KTPX	OKMULGEE OK	108.3	LIC	BLCT -19970630KF
45	KAFT-DT	FAYETTEVILLE AR	84.1	PLN	DTVPLN -DTVP1224

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

## Analysis of Interference to Affected Station 22

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
30	KAMM-LP	AMARILLO TX	BNPTTL -20000807AD0

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
23	KVII-DT	AMARILLO TX	32.2	PLN	DTVPLN -DTVP0513
29	K29GD	AMARILLO TX	15.1	CP	BNPTTL -20000830BID
30	K30AE	ALVA OK	356.1	OETA07	MRD -1983MRD
30	KPXK	ODESSA TX	334.0	PRTCT	BLCT -20010328ADD
31	KEYU	BORGER TX	29.7	PRTCT	BMPCDT -20040406ACN

Proposal causes no interference

#####

## Analysis of Interference to Affected Station 23

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
30	K30IS	DENISON TX	BNPTTL -20000830BRB

## Stations Potentially Affecting This Station



## DLPTV Results - K30AE

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
26	KTEN	ADA OK	54.8	CP	BPCDT -19991007AAW
26	KTEN-DT	ADA OK	54.8	PLN	DTVPLN -DTVP0611
30	KLRT-DT	LITTLE ROCK AR	379.4	PLN	DTVPLN -DTVP0729
30	KLRT-TV	LITTLE ROCK AR	379.4	LIC	BLCDDT -20020507AAK
30	K30AE	ALVA OK	375.2	OETA07	MRD -1983MRD
30	KTUZ-TV	SHAWNEE OK	175.8	CP	BPCT -20040729AOV
30	KMPX	DECATUR TX	150.0	CP	BPCDDT -20000501AHH
30	KMPX	DECATUR TX	150.0	LIC	BLCDDT -20060317AGE
30	KMPX-DT	DECATUR TX	118.9	PLN	DTVPLN -DTVP0756

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

## Analysis of Interference to Affected Station 24

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
30	K30HH	MEMPHIS TX	BLTT -20031211ABF

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
23	KVII-DT	AMARILLO TX	132.5	PLN	DTVPLN -DTVP0513
30	K30AE	ALVA OK	287.1	OETA07	MRD -1983MRD
30	KTUZ-TV	SHAWNEE OK	301.8	CP	BPCT -20040729AOV
30	K30EF	STRONG CITY OK	142.5	CP	BPTT -20030206ACX
30	KPXK	ODESSA TX	339.1	PRTCT	BLCT -20010328ADD
31	KEYU	BORGER TX	125.9	PRTCT	BMPCDDT -20040406ACN

Proposal causes no interference

#####

## Analysis of Interference to Affected Station 25

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
30	NEW	PAMPA TX	BNPTT -20000830AWM

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
23	KVII-DT	AMARILLO TX	82.1	PLN	DTVPLN -DTVP0513
30	K30AE	ALVA OK	258.8	OETA07	MRD -1983MRD
30	KTUZ-TV	SHAWNEE OK	333.0	CP	BPCT -20040729AOV
30	K30EF	STRONG CITY OK	130.3	CP	BPTT -20030206ACX
31	KEYU	BORGER TX	77.8	PRTCT	BMPCDDT -20040406ACN

Proposal causes no interference

#####

## Analysis of Interference to Affected Station 26

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
30	K30DJ	WICHITA FALLS TX	BLTTL -19931112IW

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
22	KAUZ-DT	WICHITA FALLS TX	0.5	PLN	DTVPLN -DTVP0480
22	KAUZ-TV	WICHITA FALLS TX	0.5	PRTCT	BDTV -335404

				DLPTV Results - K30AE		
23	KSWO-DT	LAWTON OK	39.0	PLN	DTVPLN	-DTVP0508
28	KFDX-DT	WICHITA FALLS TX	1.5	PLN	DTVPLN	-DTVP0686
28	KFDX-TV	WICHITA FALLS TX	1.7	PRTCT	BMPCDT	-20040312ADT
30	K30AE	ALVA OK	321.1	OETA07	MRD	-1983MRD
30	KOUN-LP	LAWTON OK	72.5	CP	BNPTTL	-20000807AAR
30	KTUZ-TV	SHAWNEE OK	189.4	CP	BPCT	-20040729A0V
30	KMPX	DECATUR TX	206.2	CP	BPCDT	-20000501AHH
30	KMPX	DECATUR TX	206.3	LIC	BLCDT	-20060317AGE
30	KMPX-DT	DECATUR TX	188.7	PLN	DTVPLN	-DTVP0756

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

#### Analysis of Interference to Affected Station 27

##### DTV Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
31	KWCV-DT	WICHITA KS	DTVPLN	-DTVP0775

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
31	NEW	HARRISON AR	419.8	PLN	DTVPLN	-NPLN0063
31	KCVB-DT	KANSAS CITY MO	295.1	PLN	DTVPLN	-DTVP0780
31	KLKN-DT	LINCOLN NE	343.6	PLN	DTVPLN	-DTVP0785
31	NEW	ELK CITY OK	318.3	PLN	DTVPLN	-NPLN1269
31	KOET-DT	EUFAULA OK	350.4	PLN	DTVPLN	-DTVP0788

Results for: 31A KS WICHITA      DTVPLN      DTVP0775      PLN  
HAAT 240.0 m, ATV ERP 175.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	500950	16894.1
not affected by terrain losses	500950	16891.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	19	9.9
lost to ATV IX only	19	9.9
lost to all IX	19	9.9

##### NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
33	KWCV	WICHITA KS	DTVPLN	-NPLN0568

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
26	KSAS-DT	WICHITA KS	16.0	PLN	DTVPLN	-DTVP0599
26	NEW	ENID OK	155.6	PLN	DTVPLN	-NPLN1261
29	KPTS-DT	HUTCHINSON KS	35.9	PLN	DTVPLN	-DTVP0699
31	KWCV-DT	WICHITA KS	0.0	PLN	DTVPLN	-DTVP0775
33	KOCB-DT	OKLAHOMA CITY OK	248.6	PLN	DTVPLN	-DTVP0861
35	NEW -DT	HUTCHINSON KS	16.1	PLN	DTVPLN	-DTVP0922
36	NEW	HUTCHINSON KS	16.1	PLN	DTVPLN	-NPLN0571

Results for: 33N KS WICHITA      DTVPLN      NPLN0568      PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	500946	16890.2
not affected by terrain losses	500923	16869.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	0	1.0
lost to all IX	0	1.0

##### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
31	KSCW	WICHITA KS	BLCDT	-20020501AAQ

##### Stations Potentially Affecting This Station

# DLPTV Results - K30AE

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
30	K30AE	ALVA OK	145.2	OETA07	MRD	-1983MRD
31	KWBM	HARRISON AR	413.1	LIC	BLCT	-20010102AAZ
31	KCWB-DT	KANSAS CITY MO	294.3	PLN	DTVPLN	-DTVP0780
31	KCWE	KANSAS CITY MO	298.2	LIC	BLCDT	-20051014ABT
31	KLKN	LINCOLN NE	343.2	APP	BMPCDT	-20060525ACC
31	KLKN	LINCOLN NE	343.2	CP MOD	BMPCDT	-20000428ABB
31	KLKN-DT	LINCOLN NE	343.2	PLN	DTVPLN	-DTVP0785
31	KOET	EUFAULA OK	350.3	CP MOD	BMPEDT	-20021015ABW
31	KOET-DT	EUFAULA OK	350.3	PLN	DTVPLN	-DTVP0788

Total scenarios = 8

Result key: 17  
Scenario 1 Affected station 27  
Before Analysis

Results for: 31A KS WICHITA BLC DT 20020501AAQ LIC  
HAAT 345.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	564200	32949.9
not affected by terrain losses	563992	32521.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	170	452.6
lost to ATV IX only	170	452.6
lost to all IX	170	452.6

Potential Interfering Stations Included in above Scenario 1

31A MO KANSAS CITY	DTVPLN	DTVP0780	PLN
31A NE LINCOLN	BMPCDT	20000428ABB	CP
31A OK EUFAULA	BMPEDT	20021015ABW	CP

After Analysis

Results for: 31A KS WICHITA BLC DT 20020501AAQ LIC  
HAAT 345.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	564200	32949.9
not affected by terrain losses	563992	32521.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	222	576.1
lost to ATV IX only	222	576.1
lost to all IX	222	576.1

Potential Interfering Stations Included in above Scenario 1

31A MO KANSAS CITY	DTVPLN	DTVP0780	PLN
31A NE LINCOLN	BMPCDT	20000428ABB	CP
31A OK EUFAULA	BMPEDT	20021015ABW	CP
30A OK ALVA	MRD	1983MRD	OET

Result key: 18  
Scenario 2 Affected station 27  
Before Analysis

Results for: 31A KS WICHITA BLC DT 20020501AAQ LIC  
HAAT 345.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	564200	32949.9
not affected by terrain losses	563992	32521.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	170	454.6
lost to ATV IX only	170	454.6
lost to all IX	170	454.6

Potential Interfering Stations Included in above Scenario 2

	DLPTV Results - K30AE		
31A MO KANSAS CITY	DTVPLN	DTVP0780	PLN
31A NE LINCOLN	BMPCDT	20000428ABB	CP
31A OK EUFAULA	DTVPLN	DTVP0788	PLN

#### After Analysis

Results for: 31A KS WICHITA BLCDT 20020501AAQ LIC  
HAAT 345.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	564200	32949.9
not affected by terrain losses	563992	32521.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	222	578.1
lost to ATV IX only	222	578.1
lost to all IX	222	578.1

Potential Interfering Stations Included in above Scenario 2

31A MO KANSAS CITY	DTVPLN	DTVP0780	PLN
31A NE LINCOLN	BMPCDT	20000428ABB	CP
31A OK EUFAULA	DTVPLN	DTVP0788	PLN
30A OK ALVA	MRD	1983MRD	OET

Result key: 19  
Scenario 3 Affected station 27  
Before Analysis

Results for: 31A KS WICHITA BLCDT 20020501AAQ LIC  
HAAT 345.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	564200	32949.9
not affected by terrain losses	563992	32521.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	166	402.2
lost to ATV IX only	166	402.2
lost to all IX	166	402.2

Potential Interfering Stations Included in above Scenario 3

31A MO KANSAS CITY	DTVPLN	DTVP0780	PLN
31A NE LINCOLN	DTVPLN	DTVP0785	PLN
31A OK EUFAULA	BMPEDT	20021015ABW	CP

#### After Analysis

Results for: 31A KS WICHITA BLCDT 20020501AAQ LIC  
HAAT 345.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	564200	32949.9
not affected by terrain losses	563992	32521.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	218	525.7
lost to ATV IX only	218	525.7
lost to all IX	218	525.7

Potential Interfering Stations Included in above Scenario 3

31A MO KANSAS CITY	DTVPLN	DTVP0780	PLN
31A NE LINCOLN	DTVPLN	DTVP0785	PLN
31A OK EUFAULA	BMPEDT	20021015ABW	CP
30A OK ALVA	MRD	1983MRD	OET

Result key: 20  
Scenario 4 Affected station 27  
Before Analysis

Results for: 31A KS WICHITA BLCDT 20020501AAQ LIC  
HAAT 345.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	564200	32949.9

DLPTV Results - K30AE

not affected by terrain losses	563992	32521.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	166	404.2
lost to ATV IX only	166	404.2
lost to all IX	166	404.2

Potential Interfering Stations Included in above Scenario 4

31A MO KANSAS CITY	DTVPLN	DTVP0780	PLN
31A NE LINCOLN	DTVPLN	DTVP0785	PLN
31A OK EUFAULA	DTVPLN	DTVP0788	PLN

After Analysis

Results for: 31A KS WICHITA BLC DT 20020501AAQ LIC  
HAAT 345.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	564200	32949.9
not affected by terrain losses	563992	32521.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	218	527.7
lost to ATV IX only	218	527.7
lost to all IX	218	527.7

Potential Interfering Stations Included in above Scenario 4

31A MO KANSAS CITY	DTVPLN	DTVP0780	PLN
31A NE LINCOLN	DTVPLN	DTVP0785	PLN
31A OK EUFAULA	DTVPLN	DTVP0788	PLN
30A OK ALVA	MRD	1983MRD	OET

Result key: 21  
Scenario 5 Affected station 27  
Before Analysis

Results for: 31A KS WICHITA BLC DT 20020501AAQ LIC  
HAAT 345.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	564200	32949.9
not affected by terrain losses	563992	32521.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	330	688.8
lost to ATV IX only	330	688.8
lost to all IX	330	688.8

Potential Interfering Stations Included in above Scenario 5

31A MO KANSAS CITY	BLC DT	20051014ABT	LIC
31A NE LINCOLN	BMPCDT	20000428ABB	CP
31A OK EUFAULA	BMPEDT	20021015ABW	CP

After Analysis

Results for: 31A KS WICHITA BLC DT 20020501AAQ LIC  
HAAT 345.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	564200	32949.9
not affected by terrain losses	563992	32521.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	382	812.3
lost to ATV IX only	382	812.3
lost to all IX	382	812.3

Potential Interfering Stations Included in above Scenario 5

31A MO KANSAS CITY	BLC DT	20051014ABT	LIC
31A NE LINCOLN	BMPCDT	20000428ABB	CP
31A OK EUFAULA	BMPEDT	20021015ABW	CP
30A OK ALVA	MRD	1983MRD	OET

## DLPTV Results - K30AE

Result key: 22  
 Scenario 6 Affected station 27  
 Before Analysis

Results for: 31A KS WICHITA BLC DT 20020501AAQ LIC  
 HAAT 345.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	564200	32949.9
not affected by terrain losses	563992	32521.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	330	691.7
lost to ATV IX only	330	691.7
lost to all IX	330	691.7

Potential Interfering Stations Included in above Scenario 6

31A MO KANSAS CITY	BLC DT	20051014ABT	LIC
31A NE LINCOLN	BMPCDT	20000428ABB	CP
31A OK EUFAULA	DTVPLN	DTVP0788	PLN

After Analysis

Results for: 31A KS WICHITA BLC DT 20020501AAQ LIC  
 HAAT 345.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	564200	32949.9
not affected by terrain losses	563992	32521.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	382	815.3
lost to ATV IX only	382	815.3
lost to all IX	382	815.3

Potential Interfering Stations Included in above Scenario 6

31A MO KANSAS CITY	BLC DT	20051014ABT	LIC
31A NE LINCOLN	BMPCDT	20000428ABB	CP
31A OK EUFAULA	DTVPLN	DTVP0788	PLN
30A OK ALVA	MRD	1983MRD	OET

Result key: 23  
 Scenario 7 Affected station 27  
 Before Analysis

Results for: 31A KS WICHITA BLC DT 20020501AAQ LIC  
 HAAT 345.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	564200	32949.9
not affected by terrain losses	563992	32521.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	329	654.2
lost to ATV IX only	329	654.2
lost to all IX	329	654.2

Potential Interfering Stations Included in above Scenario 7

31A MO KANSAS CITY	BLC DT	20051014ABT	LIC
31A NE LINCOLN	DTVPLN	DTVP0785	PLN
31A OK EUFAULA	BMPEDT	20021015ABW	CP

After Analysis

Results for: 31A KS WICHITA BLC DT 20020501AAQ LIC  
 HAAT 345.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	564200	32949.9
not affected by terrain losses	563992	32521.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	381	777.7
lost to ATV IX only	381	777.7
lost to all IX	381	777.7

## DLPTV Results - K30AE

Potential Interfering Stations Included in above Scenario 7

31A MO KANSAS CITY	BLC DT	20051014ABT	LIC
31A NE LINCOLN	DTVPLN	DTVP0785	PLN
31A OK EUFAULA	BMPEDT	20021015ABW	CP
30A OK ALVA	MRD	1983MRD	OET

Result key: 24  
 Scenario 8 Affected station 27  
 Before Analysis

Results for: 31A KS WICHITA BLC DT 20020501AAQ LIC  
 HAAT 345.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	564200	32949.9
not affected by terrain losses	563992	32521.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	329	657.2
lost to ATV IX only	329	657.2
lost to all IX	329	657.2

Potential Interfering Stations Included in above Scenario 8

31A MO KANSAS CITY	BLC DT	20051014ABT	LIC
31A NE LINCOLN	DTVPLN	DTVP0785	PLN
31A OK EUFAULA	DTVPLN	DTVP0788	PLN

After Analysis

Results for: 31A KS WICHITA BLC DT 20020501AAQ LIC  
 HAAT 345.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	564200	32949.9
not affected by terrain losses	563992	32521.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	381	780.7
lost to ATV IX only	381	780.7
lost to all IX	381	780.7

Potential Interfering Stations Included in above Scenario 8

31A MO KANSAS CITY	BLC DT	20051014ABT	LIC
31A NE LINCOLN	DTVPLN	DTVP0785	PLN
31A OK EUFAULA	DTVPLN	DTVP0788	PLN
30A OK ALVA	MRD	1983MRD	OET

#####

## Analysis of Interference to Affected Station 28

## NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
31	NEW	ELK CITY OK	DTVPLN	-NPLN1269

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
30	KAQS	SHAWNEE OK	196.4	PLN	DTVPLN	-NPLN1267
31	KWCV-DT	WICHITA KS	318.3	PLN	DTVPLN	-DTVP0775
31	KOET-DT	EUFAULA OK	378.1	PLN	DTVPLN	-DTVP0788
32	KETA-DT	OKLAHOMA CITY OK	181.8	PLN	DTVPLN	-DTVP0825
35	NEW	WOODWARD OK	95.9	PLN	DTVPLN	-NPLN1277
46	NEW	NORMAN OK	225.0	PLN	DTVPLN	-NPLN1287

Results for: 31N OK ELK CITY DTVPLN NPLN1269 PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	81816	17839.4

DLPTV Results - K30AE  
 not affected by terrain losses 81538 17557.9  
 lost to NTSC IX 0 37.8  
 lost to additional IX by ATV 0 0.0  
 lost to all IX 0 37.8

Analysis of current record  
 Channel Call City/State Application Ref. No.  
 31 K54CM ELK CITY OK BPTT -20030206ACV

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
23	KSWO-DT	LAWTON OK	136.4	PLN	DTVPLN -DTVP0508
30	K30AE	ALVA OK	171.2	OETA07	MRD -1983MRD
31	KSCW	WICHITA KS	313.0	LIC	BLCDDT -20020501AAQ
31	KWCV-DT	WICHITA KS	312.3	PLN	DTVPLN -DTVP0775
31	KSWX-LP	DUNCAN OK	160.4	CP	BNPTTL -20000830BKW
31	KOET	EUFAULA OK	357.2	CP MOD	BMPEDT -20021015ABW
31	KOET-DT	EUFAULA OK	357.1	PLN	DTVPLN -DTVP0788
31	NEW	LAWTON OK	111.7	APP	BNPTTL -20000830BTI
31	KEYU	BORGER TX	231.5	PRCT	BMPCDT -20040406ACN
35	KUOK	WOODWARD OK	102.6	PRCT	BPCT -19970331LH
46	K46AN	ELK CITY OK	0.0	LIC	BLTT -19920116IH

Proposed station is beyond the site to  
 nearest cell evaluation distance

#####

#### Analysis of Interference to Affected Station 29

Analysis of current record  
 Channel Call City/State Application Ref. No.  
 31 KWEM-LP STILLWATER OK BLTTL -19970224JE

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
24	KOKH-DT	OKLAHOMA CITY OK	67.5	PLN	DTVPLN -DTVP0547
24	KOKH-TV	OKLAHOMA CITY OK	67.5	LIC	BLCDDT -20041207ACV
27	KFOR-DT	OKLAHOMA CITY OK	65.6	PLN	DTVPLN -DTVP0645
27	KFOR-TV	OKLAHOMA CITY OK	62.6	LIC	BLCDDT -20050701ABR
28	KGLB-DT	OKMULGEE OK	101.1	PLN	DTVPLN -DTVP0681
28	KTPX	OKMULGEE OK	101.1	LIC	BLCDDT -20020510AAQ
29	KAQS-DT	SHAWNEE OK	92.9	PLN	DTVPLN -DTVP0714
29	KTUZ-TV	SHAWNEE OK	92.7	CP MOD	BMPCDT -20040729ANF
30	K30AE	ALVA OK	143.3	OETA07	MRD -1983MRD
30	KTUZ-TV	SHAWNEE OK	92.7	CP	BPCT -20040729AOV
31	KWBM	HARRISON AR	375.6	LIC	BLCT -20010102AAZ
31	KSCW	WICHITA KS	190.3	LIC	BLCDDT -20020501AAQ
31	KWCV-DT	WICHITA KS	190.0	PLN	DTVPLN -DTVP0775
31	KCWB-DT	KANSAS CITY MO	391.7	PLN	DTVPLN -DTVP0780
31	KSWX-LP	DUNCAN OK	196.9	CP	BNPTTL -20000830BKW
31	KOET	EUFAULA OK	196.8	CP MOD	BMPEDT -20021015ABW
31	KOET-DT	EUFAULA OK	196.7	PLN	DTVPLN -DTVP0788
32	KETA-DT	OKLAHOMA CITY OK	67.8	PLN	DTVPLN -DTVP0825
32	KETA-TV	OKLAHOMA CITY OK	62.6	CP	BPEDT -20000426ABH
33	KOCB	OKLAHOMA CITY OK	67.5	CP MOD	BMPCDT -20020813ABE
33	KOCB-DT	OKLAHOMA CITY OK	66.3	PLN	DTVPLN -DTVP0861
38	KOED-DT	TULSA OK	137.0	PLN	DTVPLN -DTVP1006
38	KOED-TV	TULSA OK	137.0	CP MOD	BMPEDT -20021015ABX
39	KWTV	OKLAHOMA CITY OK	62.6	LIC	BLCDDT -20050330AJN
39	KWTV-DT	OKLAHOMA CITY OK	67.8	PLN	DTVPLN -DTVP1043
46	KOCM	NORMAN OK	62.6	CP	BPCT -20040115AAQ

Proposed station is beyond the site to  
 nearest cell evaluation distance



## DLPTV Results - K30AE

#####

## Analysis of Interference to Affected Station 30

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
31	K31CD	CANADIAN, ETC. TX	BLTTL -19890522IM

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
30	K30AE	ALVA OK	178.9	OETA07 MRD	-1983MRD
31	KSCW	WICHITA KS	316.3	LIC BLCDDT	-20020501AAQ
31	KWCV-DT	WICHITA KS	315.5	PLN DTVPLN	-DTVP0775
31	K54CM	ELK CITY OK	125.6	CP BPTT	-20030206ACV
31	KEYU	BORGER TX	155.4	PRTCT BMPCDDT	-20040406ACN
35	KUOK	WOODWARD OK	83.9	PRTCT BPCT	-19970331LH

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

## Analysis of Interference to Affected Station 31

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
32	KXOK-LP	ENID OK	BLTTL -19951106IK

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
24	KOKH-DT	OKLAHOMA CITY OK	100.5	PLN DTVPLN	-DTVP0547
24	KOKH-TV	OKLAHOMA CITY OK	100.5	LIC BLCDDT	-20041207ACV
25	KOKH-TV	OKLAHOMA CITY OK	100.5	LIC BLCT	-20050621AAN
29	KAQS-DT	SHAWNEE OK	133.3	PLN DTVPLN	-DTVP0714
29	KTUZ-TV	SHAWNEE OK	133.0	CP MOD BMPCDDT	-20040729ANF
30	K30AE	ALVA OK	74.7	OETA07 MRD	-1983MRD
32	KETA-DT	OKLAHOMA CITY OK	100.2	PLN DTVPLN	-DTVP0825
32	KETA-TV	OKLAHOMA CITY OK	95.4	CP BPEDT	-20000426ABH
33	KOCB	OKLAHOMA CITY OK	100.5	CP MOD BMPCDDT	-20020813ABE
33	KOCB-DT	OKLAHOMA CITY OK	99.5	PLN DTVPLN	-DTVP0861
35	KUOK	WOODWARD OK	141.4	PRTCT BPCT	-19970331LH
39	KWTV	OKLAHOMA CITY OK	95.4	LIC BLCDDT	-20050330AJN
39	KWTV-DT	OKLAHOMA CITY OK	100.2	PLN DTVPLN	-DTVP1043
40	KAUT-TV	OKLAHOMA CITY OK	95.4	LIC BLCDDT	-20060504ACH
46	KOCM	NORMAN OK	95.4	CP BPCT	-20040115AAQ

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

## Analysis of Interference to Affected Station 32

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
38	K38AK	PONCA CITY OK	BLTT -19820405IM

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
30	K30AE	ALVA OK	135.1	OETA07 MRD	-1983MRD
31	KSCW	WICHITA KS	125.1	LIC BLCDDT	-20020501AAQ

DLPTV Results - K30AE						
31	KWCV-DT	WICHITA KS	125.0	PLN	DTVPLN	-DTVP0775
35	KSCC	HUTCHINSON KS	139.4	LIC	BLCDT	-20030117AAE
35	NEW -DT	HUTCHINSON KS	140.8	PLN	DTVPLN	-DTVP0922
36	KRSC-DT	CLAREMORE OK	133.5	PLN	DTVPLN	-DTVP0974
36	KRSC-TV	CLAREMORE OK	133.6	CP MOD	BMPEDT	-20060406AAK
38	KMCI	LAWRENCE KS	332.1	LIC	BLCT	-20030626AAF
38	KOHC-LP	OKLAHOMA CITY OK	157.5	APP	BDISTTA	-20051130AWI
38	KOED-DT	TULSA OK	146.3	PLN	DTVPLN	-DTVP1006
38	KOED-TV	TULSA OK	146.3	CP MOD	BMPEDT	-20021015ABX
39	KWTV	OKLAHOMA CITY OK	133.3	LIC	BLCDT	-20050330AJN
40	KAUT-TV	OKLAHOMA CITY OK	133.3	LIC	BLCDT	-20060504ACH
42	KTLC-DT	OKLAHOMA CITY OK	134.0	PLN	DTVPLN	-DTVP1142
42	KTFO	TULSA OK	145.7	LIC	BLCDT	-20021112ABD
45	KSNW	WICHITA KS	122.1	LIC	BLCDT	-20041029AJF
45	KSNW-DT	WICHITA KS	122.5	PLN	DTVPLN	-DTVP1235
46	NEW	DERBY KS	125.1	APP	BNPCDT	-20060424ADF
53	KGEB	TULSA OK	124.7	APP	BSTA	-20060307BPG
53	KGEB	TULSA OK	124.7	LIC	BLCT	-19960212KF

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

### Analysis of Interference to Affected Station 33

#### Analysis of current record

Channel	Call	City/State	Application Ref. No.
30	K30AE	ALVA OK	MRD -1983MRD

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
30	K30GD	GREAT BEND KS	180.6	APP	BDFCDTT -20060331ACT
30	KOAM-DT	PITTSBURG KS	345.3	PLN	DTVPLN -DTVP0740del
30	KTUZ-TV	SHAWNEE OK	199.9	CP	BPCT -20040729AOV
30	K30EF	STRONG CITY OK	144.6	CP	BPTT -20030206ACX
45	KSNW	WICHITA KS	143.5	LIC	BLCDT -20041029AJF
45	KSNW-DT	WICHITA KS	143.6	PLN	DTVPLN -DTVP1235

Total scenarios = 1

Result key: 25  
Scenario 1 Affected station 33  
Before Analysis

Results for: 30A OK ALVA MRD 1983MRD OET  
HAAT 119.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	17285	6368.2
not affected by terrain losses	17285	6368.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	0	0.0

Potential Interfering Stations Included in above Scenario 1

#####

FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED

### Section III - Engineering (Digital)

#### 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: \_\_\_\_\_
2. Translator Input Channel No. \_\_\_\_\_
3. Station proposed to be rebroadcast:

Call Sign	City	State	Channel
-----------	------	-------	---------

4. Antenna Location Coordinates: (NAD 27)

\_\_\_\_\_ ° \_\_\_\_\_ ' \_\_\_\_\_ " ☐ N ☐ S Latitude  
\_\_\_\_\_ ° \_\_\_\_\_ ' \_\_\_\_\_ " ☐ E ☐ W Longitude

5. Antenna Structure Registration Number: \_\_\_\_\_

☐

Not applicable

See Explanation  
in Exhibit No.

☐

FAA Notification Filed with FAA

6. Antenna Location Site Elevation Above Mean Sea Level: \_\_\_\_\_ meters
7. Overall Tower Height Above Ground Level: \_\_\_\_\_ meters
8. Height of Radiation Center Above Ground Level: \_\_\_\_\_ meters
9. Maximum Effective Radiated Power (ERP): \_\_\_\_\_ kW
10. Transmitter Output Power: \_\_\_\_\_ kW
11. a. Transmitting Antenna: ☐ Nondirectional ☐ Directional ("Off-the-shelf") ☐ Directional composite

Manufacturer	Model
--------------	-------

- b. Electrical Beam Tilt: \_\_\_\_\_ degrees ☐ Not applicable

c. Directional Antenna Relative Field Values:

Rotation: \_\_\_\_\_ ° ☐ No rotation ☐ N/A (Nondirectional)

Degree	Value	Degree	Value	Degree	Value	Degree	Value	Degree	Value	Degree	Value
0		60		120		180		240		300	
10		70		130		190		250		310	
20		80		140		200		260		320	
30		90		150		210		270		330	
40		100		160		220		280		340	
50		110		170		230		290		350	
Additional Azimuths											

**NOTE:** In addition to the information called for in this section, an explanatory exhibit providing full particulars must be submitted for each question for which a "No" response is provided.

12. **Out-of-Channel Emission Mask:** Simple ☐ Stringent ☐

**CERTIFICATION**

13. **Interference.** The proposed facility complies with all of the following applicable rule sections. 47 C.F.R. Sections 74.709, 74.793(e), 74.793(f), 74.793(g), 74.793(h), 74.794(b) and 73.1030. ☐ Yes ☐ No 

See Explanation in Exhibit No.

14. **Environmental Protection Act.** The proposed facility is excluded from environmental processing under 47 C.F.R. Section 1.1306 (*i.e.*, the facility will not have a significant environmental impact and complies with the maximum permissible radiofrequency electromagnetic exposure limits for controlled and uncontrolled environments). Unless the applicant can determine RF compliance. An **Exhibit is required.** ☐ Yes ☐ No 

See Explanation in Exhibit No.

Exhibit No.

By checking "Yes" above, 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.

15. **Channels 52-59.** If the proposed channel is within channels 52-59, the applicant certifies compliance with the following requirements, as applicable:

☐ The applicant is applying for a digital companion channel for which no suitable channel from channel 2-51 is available.


☐ Pursuant to Section 74.786(d), the applicant has notified, within 30 days of filing this application, all commercial wireless licensees of the spectrum comprising the proposed TV channel and the first adjacent channels thereto, for which the proposed digital LPTV or TV translator antenna site lies inside the licensed geographic boundaries of the wireless licensees or within 75 miles and 50 miles, respectively, of the geographic boundaries of co-channel and adjacent-channel wireless licensees.

**PREPARER'S CERTIFICATION ON PAGE 8 MUST BE COMPLETED AND SIGNED.**

16. **Channels 60-69.** If the proposed channel is within channels 60-69, the applicant certifies compliance with the following requirements, as applicable:

- ☐ Pursuant to Section 74.786(e), the applicant has notified, within 30 days of filing this application, all commercial wireless licensees of the spectrum comprising the proposed TV channel and the first adjacent channels thereto, for which the proposed digital LPTV or TV translator antenna site lies inside the licensed geographic boundaries of the wireless licensees or within 75 miles and 50 miles, respectively, of the geographic boundaries of co-channel and adjacent-channel wireless licensees,
- ☐ Pursuant to Section 74.786(e), the applicant proposing operation on channel 63, 64, 68 and 69 ("public safety channels") has secured a coordinated spectrum use agreement(s) with 700 MHz public safety regional planning committee(s) and state frequency administrator(s) of the region(s) and state(s) within which the antenna site of the digital LPTV or TV translator station is proposed to locate, and those adjoining regions and states with boundaries within 75 miles of the proposed station location.
- ☐ Pursuant to Section 74.786(e), an applicant for a channel adjacent to channel 63, 64, 68 or 69 has notified, within 30 days of filing this application, the 700 MHz public safety regional planning committee(s) and state administrator(s) of the region and state containing the proposed digital LPTV or TV translator antenna site and regions and states whose geographic boundaries lie within 50 miles of the proposed LPTV or TV translator antenna site.

I certify that I have prepared Section III (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 Martin R. Doczkat		Relationship to Applicant (e.g., Consulting Engineer) Consulting Engineer	
Signature 		Date June 28, 20006	
Mailing Address Cohen, Dippell and Everist, P.C., 1300 L Street, N.W., Suite 1100			
City Washington		State or Country (if foreign address) DC	ZIP Code 20005
Telephone Number (include area code) (202) 898-0111		E-Mail Address (if available) cde@attglobal.net	

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).