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BEFORE THE
FEDERAL COMMUNICATIONS COMMISSION
WASHINGTON, D.C. 20554

In the Matter of	)	
Amendment of Section 73.622 (i),	)	RM-
Post-Transition DTV Table of Allotments	)	
Fort Worth, Texas	)	

FILED/ACCEPTED
JUL 20 2009
Federal Communications Commission
Office of the Secretary

JOINT PETITION FOR RULEMAKING

Pursuant to Section 73.623 of the Commission's rules,[1] CBS Stations Group of Texas, LP ("CBS Station Group") and Television Station KTXA L.P. ("KTXA L.P.") (collectively, "Joint Petitioners"), the respective licensees of co-owned KTVT and KTXA, Fort Worth, Texas,[2] hereby file this Joint Petition for Rulemaking ("Petition") to request the amendment of the post-transition DTV Table of Allotments[3] in order to remedy the serious reception difficulties that have affected KTVT, the outlet for CBS Television Network programming in the Dallas-Fort Worth market, since the digital transition on June 12, 2009. Specifically, the Petition seeks the initiation of rulemaking proceedings to (i) delete Channel 11 from the Table of Allotments for Fort Worth; (ii) allot Channel 29 to Fort Worth in substitution for Channel 11, and assign Channel 29 as the frequency of KTXA; and (iii) assign Channel 19, on which KTXA current broadcasts, as KTVT's permanent digital assignment.

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1 47 CFR § 73.623.

2 Both CBS Stations Group and KTXA L.P. are indirect, wholly-owned subsidiaries of CBS Corporation ("CBS").

3 47 CFR § 73.622 (i).

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PRELIMINARY STATEMENT

Since June 12, 2009, when KTVT began digital broadcasts on its post-transition frequency (Channel 11), the station has received thousands of complaints from viewers unable to receive its signal. The station's over-the-air ratings have dropped precipitously. Large numbers of viewers in the Dallas-Fort Worth market are plainly unable reliably to receive KTVT's signal, and the CBS Television Network programming it carries.

The reception problems that have plagued KTVT are consistent with a widely-reported pattern of reception difficulties involving VHF stations in various markets around the country.[4] In some markets, power increases have been successful in alleviating these problems. That is not an option for KTVT's Channel 11 operation, because any significant power increase would cause prohibited interference to KXII, Sherman, Texas, which broadcasts on Channel 12. Nor has rescanning proved helpful to a significant number of viewers who have reported difficulties receiving KTVT's signal.

Fortunately, there is a solution available. KTVT's co-owned sister station, KTXA, currently broadcasts on Channel 19, which was KTVT's pre-transition digital frequency. More than a month's experience with digital operation on Channel 11 has shown that KTVT's pre-transition service on Channel 19 was superior to what is now

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[4] *See, e.g.*, Wong, Walin, "Switch to digital leaves pockets of viewers with no signal from TV station," *Chicago Tribune*, July 13, 2009, p C-17; Walker, Dave, "WVUE's signal switch glitch; Fox affiliate's digital signal goes from channel 8 to 29 and back again, *Times-Picayune (New Orleans)*, July 13, 2009, p. 1; Kiesewetter, John, Digital TV switch causes headaches," *The Cincinnati Enquirer*, July 12, 2009; Svensson, Peter, "TV stations struggle with DTV viewer loss, *Lewiston Morning Tribune (Idaho)* July 3, 2009; Dickson, Glen, "Stations, FCC working to solve VHF reception snafus," *Broadcasting and Cable,* June 22, 2009, p.3.

available.

Further, as shown in the attached Engineering Statement, Channel 29 is available for allocation to Fort Worth, and operation of KTXA on that frequency would not cause prohibited interference to any station.

Joint Petitioners therefore propose the substitution of Channel 29 for Channel 11 in the Table of Allotments for Fort Worth, the assignment of Channel 29 to KTXA, and the reassignment of Channel 19 from KTXA to KTVT.[5]

DISCUSSION

A. Background

KTVT, which broadcasts the programming of the CBS Television Network, is presently operating with its fully-authorized post-transition facilities of 23 kW at 520.5

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[5] As an interim measure to provide service during the time required for the rulemaking process and, assuming the Petition is granted, to build out the KTXA Channel 29 facility, the Joint Petitioners have requested special temporary authority (1) for KTXA to discontinue broadcasting on Channel 19 and temporarily resume operations on its pre-transition, Channel 18 facilities and (2) for KTVT to (a) continue to broadcast on its assigned frequency, Channel 11, while (b) simultaneously operating on Channel 19, the post-transition frequency assigned to its sister station, KTXA.

In this regard, we note that the temporary operation of KTXA on its former, pre-transition Channel 18 facilities would cause KYTX, Channel 18, Nacogdoches, Texas, to receive what would *now* be new interference in excess of Commission limits, given KTXA's cessation of Channel 18 transmissions on June 12, 2009. However, that interference would in fact be no greater than that received by KYTX throughout the transition period. The licensee of KYTX has thus agreed to accept the potential interference that would be caused by a KTXA operation with its pre-transition Channel 18 facilities during the temporary period required to allot and build-out a new UHF DTV facility for KTXA. *See*, BDSTA-20090716ADJ.

meters, HAAT, on Channel 11 (BPCDT-20080328ACY). An application for license to cover construction of those facilities (BLCDT-20090612AGD) has been accepted for filing.

KTXA, an independent station, broadcasts on Channel 19 with authorized power of 750 kW at an HAAT of 500 meters, (BMPCDT-20090504AAV). The station's application to cover its construction permit (BLCDT-20090612AGF) is similarly pending.

Prior to the digital television transition on June 12, 2009, KTVT operated an analog facility on Channel 11, and a pre-transition DTV facility on Channel 19, the frequency now assigned by the DTV Table of Allotments to its sister station KTXA. In accordance with its election, KTVT was assigned Channel 11, its NTSC frequency, as its post-transition digital allotment.

During the pre-transition period, KTXA operated an analog facility on Channel 21 and a pre-transition DTV facility on Channel 18. As a result of a rulemaking proceeding initiated by KTXA L.P., the DTV Table of Allotments was amended to substitute Channel 19 (which was being relinquished by KTVT) for Channel 18 as KTXA's permanent digital allotment. KTXA L.P. sought this change in view of (i) the efficieneies of operating the digital facilities of KTXA at the same site as its sister station, (ii) the cost-savings available from use of KTVT's Channel 19 transmission system, and (iii) the fact the proposed channel change would allow KTXA to enlarge its service area to a greater extent than would otherwise have been possible, due to interference protection requirements to KYTX, Channel 18, Nacogdoches, Texas. *See, In the Matter of Amendment of Section 73.622(i), Final DTV Table of Allotments, Television Broadcast*

Stations (Fort Worth, Texas), MB Docket No. 08-148, 23 FCC Rcd 14697 (2008).

B. The Reception Problems Experienced by KTVT's Viewers

Since the transition to its DTV Channel 11 facility on June 12, 2009, KTVT has received several thousand telephone calls and e-mail messages from viewers complaining about difficulties receiving its signal. The majority of these complaints are from viewers who utilize "rabbit ears" and other indoor antenna systems, and who live more than 15 miles from the KTVT transmitter site. The complaints are consistent with the reception difficulties being experienced by VHF stations around the country.

While KTVT has attempted to help these viewers receive its signal, it has become apparent that their reception problems are not susceptible of a ready cure. Channel rescanning has been successful in some, but far from most, cases. Nor is a power increase from the station's authorized 23 kW an available solution; KTVT's consulting engineer has determined that any appreciable power beyond its current ERP would cause prohibited interference to KXII, Sherman, Texas. *See*, Engineering Statement at note 2, Attached as Exhibit A.

In addition to the thousands of complaints the station has received, the difficulties that Dallas-Fort Worth area residents are having in receiving KTVT's signal is dramatically shown by a steep decline in the station's ratings among over-the-air ("OTA") viewers in the period immediately following the DTV transition. A comparison of the station's prime time Nielsen ratings (P25-54) during the weeks of June 1, 2009 and June 22, 2009 shows that there a massive loss in the station's over-the-air audience, while

ratings among cable viewers remained stable.[6] Thus, the station's prime time ratings (7PM to 10PM, CDT) dropped by 57 percent among OTA viewers after the DTV transition, while cable ratings were down only two percent. *See*, Exhibit B. There is only one possible explanation for an OTA ratings decline of this magnitude over a few short weeks and without any significant change in programming – an explanation that is powerfully reinforced by the huge disparity in ratings between OTA viewers and cable subscribers. Quite simply, large numbers of over-the-air viewers are no longer able to receive KTVT's signal.

C. The Rulemaking Proposal Fully Complies with Commission Rules.

The Joint Petitioners propose use of the existing KTVT transmitter location as a common site for both stations. The proposed KTXA Channel 29 antenna would be stacked (in place of the current Channel 11 antenna) on top of the existing Channel 19 antenna intended for KTVT. The parameters for KTXA's and KTVT's respective proposed operations on Channel 29 and Channel 19 are as follows:

Proposed KTXA Channel 29 Parameters

Chan	ERP (Kw)	HAAT (m)	Antenna ID	Latitude (DDMMSS)	Longitude (DDMMSS)	Area (sq km)	Population (thous)	% Interf Received
29	1000	520	(omni)	323443	965712	42443	5551	0.37

6 There was also a significant decline in KTVT's ratings among satellite subscribers during the comparison period (31 percent), although the size of the drop off was only slightly more than half the size of the decline in OTA ratings. Although the reasons for the relative weakness of post-transition satellite ratings are not clear, the striking disparity between those ratings and the virtually unchanged audience levels among cable subscribers strongly suggests that satellite viewers were also somehow affected by the DTV transition.

Proposed KTVT Channel 19 Parameters

Chan	ERP (Kw)	HAAT (m)	Antenna ID	Latitude (DDMMSS)	Longitude (DDMMSS)	Area (sq km)	Population (thous)	% Interf Received
19	1000	500	(omni)	323443	965712	42785	5499	1.7

As shown in the attached Engineering Statement, the proposed KTXA facility complies with Section 73.625(a) (1) of the Commission's rules, since the entire principal community will be encompassed by the 48 dBμ contour. Further, the substitution of Channel 29 as the station's frequency would not result in any loss area from the former analog service area or the original Channel 18, pre-transition digital facility. Engineering Statement at 3. The proposed KTXA Channel 29 predicted service population of 5,551,304 exceeds that of the pre-transition analog (5,262,858 persons), the pre-transition Channel 18 facility (5,279,280 persons) and the Channel 19 allotment adopted in MB Docket 08-148 (5,499,378 persons). *Id.*

The Engineering Statement also shows that the proposed KTXA Channel 29 facility complies with the 0.5 percent limit of new interference caused to the Appendix B facilities and current post-transition authorizations of pertinent nearby stations. Protection requirements towards authorized Class A stations are also satisfied. Engineering Statement at 3 and Table 1.

As to the proposed KTVT Channel 19 facility, the Engineering Statement demonstrates that the operation's coverage contour would be equivalent to the KTVT pre-transition analog Channel 11 and the KTVT Appendix B, digital Channel 11 contour areas. The proposed KTVT Channel 19 predicted service population of 5,499,378 exceeds that of the KTVT pre-transition analog (5,299,398 persons) and the Appendix B digital Channel 11 facility (5,412,414 persons). Engineering Statement at page 4 and Figure 4. Since the parameters of the proposed KTVT facility correspond exactly to

those reflected in Appendix B to the Table of Allotments for KTXA's existing operation, interference protection requirements are also met.

CONCLUSION

The above proposals are no doubt somewhat complex. However, given PSIP technology, and with additional educational efforts concerning the need for viewers to again rescan their set-top boxes, the only change noticeable to the over-the-air viewing public will be the ability to receive KTVT's signal. Since an increase in KTVT's power sufficient to alleviate the deficiencies of its Channel 11 signal is not available under current interference protection standards, the alternative to the above proposals is the disenfranchisement of a large part of KTVT's audience. We respectfully submit that such an outcome must be avoided, and that the above proposals are manifestly in the public interest.

Respectfully submitted,

CBS STATIONS GROUP OF TEXAS, LP
TELEVISION STATION KTXA L.P.

By Howard F Jaeckel
Howard F Jaeckel
Their Attorney

51 W. 52nd Street
New York, New York 10019

July 20, 2009

EXHIBIT A

Engineering Statement

prepared for

Television Station KTXA L.P.
KTXA(DT) Facility ID 51517 Fort Worth, TX

CBS Stations Group of Texas L.P.
KTVT(DT) Facility ID 23422 Fort Worth, TX

This engineering statement has been prepared on behalf of *Television Station KTXA L.P.* licensee of KTXA(DT) (Facility ID 51517, Fort Worth, TX) and *CBS Stations Group of Texas L.P.* licensee of KTVT(DT) (Facility ID 23422, Fort Worth, TX) (hereafter "*Joint Petitioners*") in support of a *Petition for Rulemaking* to change the digital television ("DTV") post-transition channel assignment and related technical parameters for both stations. KTXA is under common ownership with KTVT.

KTXA's original post-transition allotment was Channel 18, as established in Appendix B of the Seventh Report and Order in MB Docket 87-268. KTXA's post-transition allotment was subsequently changed from Channel 18 to Channel 19 in MB Docket 08-148.[1] Channel 19 was KTVT's pre-transition digital channel, and Appendix B specifies Channel 11 as KTVT's post-transition digital channel (its pre-transition analog channel). KTXA and KTVT are presently operating on their allotted post-transition channels, with KTXA on Channel 19 and KTVT on Channel 11. License applications are pending to cover, BLCDT-20090612AGD for KTVT and BLCDT-20090612AGF for KTXA.

Since the transition date, many of KTVT's viewers are experiencing significant difficulty in receiving the station's Channel 11 digital signal. Similar reception problems haven been reported by VHF stations in many markets. It is the *Joint Petitioners* experience that the KTVT pre-transition digital Channel 19 facility provided superior service than the KTVT post-transition digital Channel 11 operation. Accordingly, the *Joint Petitioners* seek to amend the Post-Transition DTV

[1] *Amendment of Section 73.622(i), Final DTV Table of Allotments, Television Broadcast Stations (Fort Worth, Texas)*, MB Docket No. 08-147, RM 11474, DA 08-2249, released October 7, 2008.

Table of Allotments §73.622(i) to substitute Channel 19 in lieu of KTVT's Channel 11 allotment.[2] To vacate Channel 19 for use by KTVT, the Joint Petitioners also request that §73.622(i) be amended further to substitute Channel 29 for KTXA. As described herein, the technical parameters would be fully maximized to 1000 kW effective radiated power (omnidirectional) on both channels and would provide predicted coverage to the entire pre-transition analog and digital service areas for both stations.

The *Joint Petitioners* propose use of the existing KTVT transmitter location as a common site for both stations. The proposed KTXA Channel 29 antenna would be stacked (in place of the current Channel 11 antenna) on top of the existing Channel 19 antenna intended for KTVT. The present and proposed technical parameters are summarized below.

Present KTXA Ch. 19 Parameters (MB Docket 08-148)

Facility ID	State and City		NTSC	DTV								
			Chan	Chan	ERP (kW)	HAAT (m)	Antenna ID	Latitude (DDMMSS)	Longitude (DDDMMSS)	Area (sq km)	Population (thous)	% Interf. Received
51517	TX	FORT WORTH	21	19	1000	500	(omni)	323443	965712	42785	5499	1.7

Antenna C/R AMSL: 695 meters

Proposed KTXA Channel 29 Parameters

Facility ID	State and City		NTSC	DTV								
			Chan	Chan	ERP (kW)	HAAT (m)	Antenna ID	Latitude (DDMMSS)	Longitude (DDDMMSS)	Area (sq km)	Population (thous)	% Interf. Received
51517	TX	FORT WORTH	21	29	1000	520	(omni)	323443	965712	42443	5551	0.37

Antenna C/R AMSL: 715 meters

[2]The authorized KTVT Channel 11 facility operates at 23 kW ERP and 521 meters antenna HAAT, equivalent to the KTVT Appendix B parameters of 26.3 kW ERP and 500 m HAAT. Interference analysis shows that KTVT cannot be "maximized" to increase ERP appreciably beyond the current value without causing impermissible interference to KXII(DT) (Ch. 12, Sherman, TX).

Present KTVT Ch. 11 Parameters (Appendix B)

Facility ID	State and City		NTSC	DTV								
			Chan	Chan	ERP (kW)	HAAT (m)	Antenna ID	Latitude (DDMMSS)	Longitude (DDDMMSS)	Area (sq km)	Population (thous)	% Interf. Received
23422	TX	FORT WORTH	11	11	26.3	500	74431	323443	965712	38000	5412	1 3

Antenna C/R AMSL: 694 meters

Proposed KTVT Channel 19 Parameters

Facility ID	State and City		NTSC	DTV								
			Chan	Chan	ERP (kW)	HAAT (m)	Antenna ID	Latitude (DDMMSS)	Longitude (DDDMMSS)	Area (sq km)	Population (thous)	% Interf. Received
23422	TX	FORT WORTH	11	19	1000	500	(omni)	323443	965712	42785	5499	1.7

Antenna C/R AMSL: 695 meters

KTXA Channel 29 Allocation

The coverage contour map of **Figure 1** shows that the proposed KTXA facility complies with §73.625(a)(1), as the entire principal community will be encompassed by the 48 dBμ contour. **Figure 2** provides a coverage contour comparison, demonstrating that the channel substitution would not result in any loss area from the former analog service area or the original Channel 18 Appendix B facility which corresponded to the pre-transition digital Channel 18 service. The proposed KTXA Channel 29 predicted service population of 5,551,304 exceeds that of the pre-transition analog (5,262,858 persons), the original Channel 18 Appendix B facility (5,279,280 persons) and the Channel 19 allotment adopted in MB Docket 08-148 (5,499,378 persons).

A detailed interference study per OET Bulletin 69[3] shows that the proposed KTXA Channel 29 facility complies with the 0.5 percent limit of new interference caused to the Appendix B facilities and current post-transition authorizations of pertinent nearby stations. The interference

[3] FCC Office of Engineering and Technology Bulletin number 69, *Longley-Rice Methodology for Evaluating TV Coverage and Interference*, February 6, 2004 ("OET-69"). The implementation of OET-69 for this study followed the guidelines of OET-69 as specified therein. A standard cell size of 2 km was employed. Comparisons of various results of this computer program (run on a Sun Sparc processor) to the Commission's implementation of OET-69 show excellent correlation.

study output report is provided as **Table 1**. Protection requirements towards authorized Class A stations are also satisfied.

KTXA's proposed 1000 kW effective radiated power ("ERP") exceeds the maximum allowed for the proposed antenna height above average terrain ("HAAT") of 520 meters currently permitted by §73.622(f)(8)(i). Section 73.622(f)(5) permits the maximum ERP to be exceeded in order to provide the same geographic coverage area as the largest station within the same market. As shown on **Figure 2**, the total area within the proposed KTXA 41 dBμ contour is 42,045 square kilometers, which does not exceed the 45,906 square kilometers within the post-transition Construction Permit for station WFAA(DT) (Ch. 8, Dallas, TX, BMPCDT-20080617ADW). Thus, the ERP specified herein is in compliance with §73.622(f)(5) of the Commission's Rules.

KTVT Channel 19 Allocation

Principal community coverage to Fort Worth is provided by the proposed KTVT Channel 19 allotment, as shown on **Figure 3**. The contour comparison map of **Figure 4** shows that the proposed KTVT Channel 19's coverage contour would be equivalent to the KTVT pre-transition analog Channel 11 and the KTVT Appendix B digital Channel 11 contour areas. The proposed KTVT Channel 19 predicted service population of 5,499,378 exceeds that of the KTVT pre-transition analog (5,299,398 persons), the Appendix B digital Channel 11 facility (5,412,414 persons).

An interference study is not required since the proposed KTVT Channel 19 parameters are identical those adopted in MB Docket 08-148 for KTXA. Similarly, the KTVT proposed ERP/HAAT combination satisfies §73.622(f)(5). **Figure 4** shows that the total area within the proposed KTVT 41 dBμ contour of 41,061 square kilometers does not exceed the 45,906 square kilometers within that of the authorized WFAA facility.

Certification

The undersigned hereby certifies that the foregoing statement was prepared by him or under his direction, and that it is true and correct to the best of his knowledge and belief.

Joseph M. Davis, P.E.
July 20, 2009

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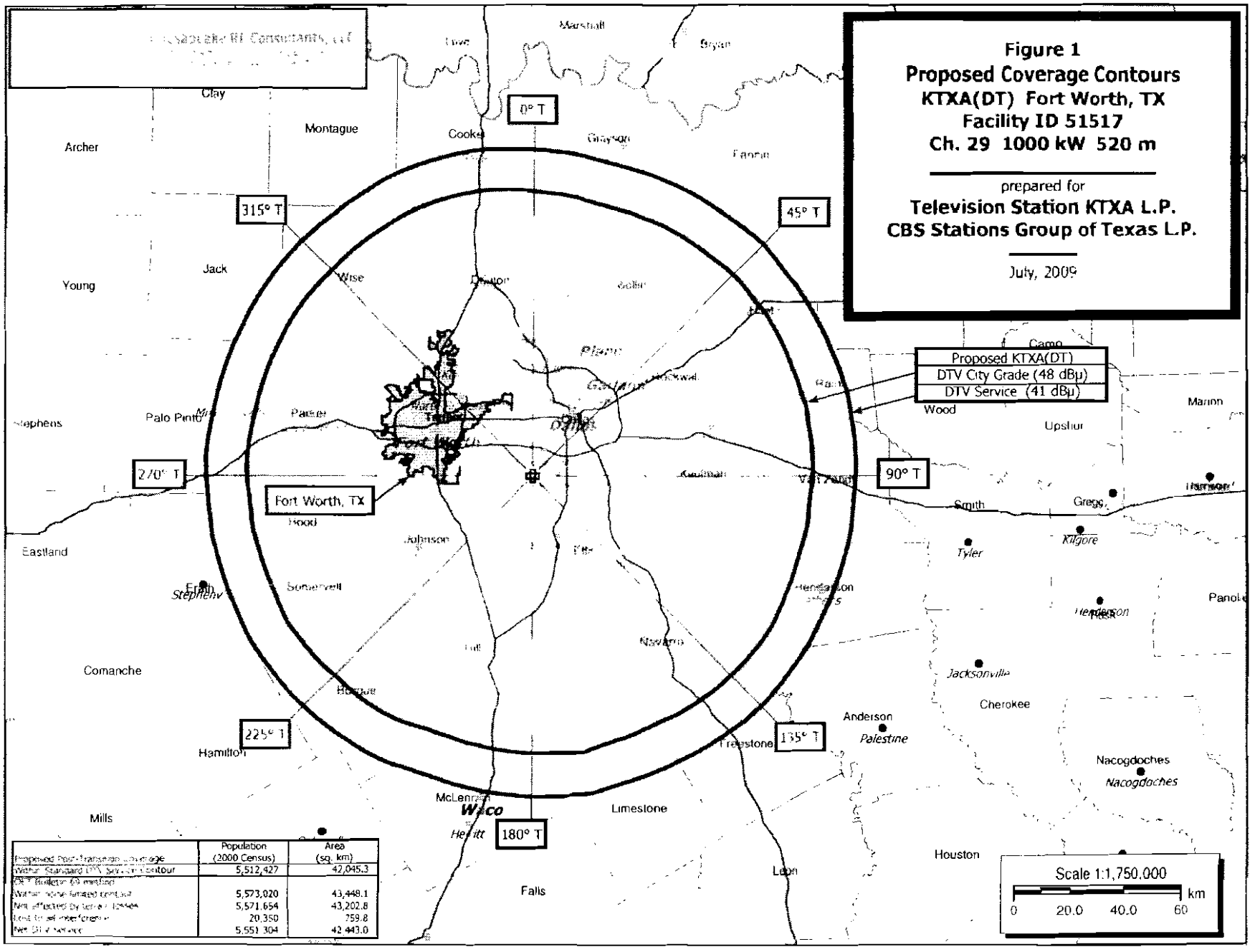
Manassas, VA 20112
703-650-9600

List of Attachments

Figure 1	Proposed Coverage Contours - KTXA
Figure 2	Coverage Contour Comparison - KTXA
Table 1	KTXA OET Bulletin 69 Interference Study
Figure 3	Proposed Coverage Contours - KTVT
Figure 4	Coverage Contour Comparison - KTVT



	Population (2000 Census)	Area (sq. km)
Proposed Post-transition coverage		
Within Standard DTV Service contour	5,512,427	42,045.3
OET Bulletin 69 method		
Within noise limited contour	5,573,020	43,448.1
Net affected by terrain losses	5,571,654	43,202.8
Lost to self interference	20,350	759.8
Net DTV service	5,551,304	42,443.0

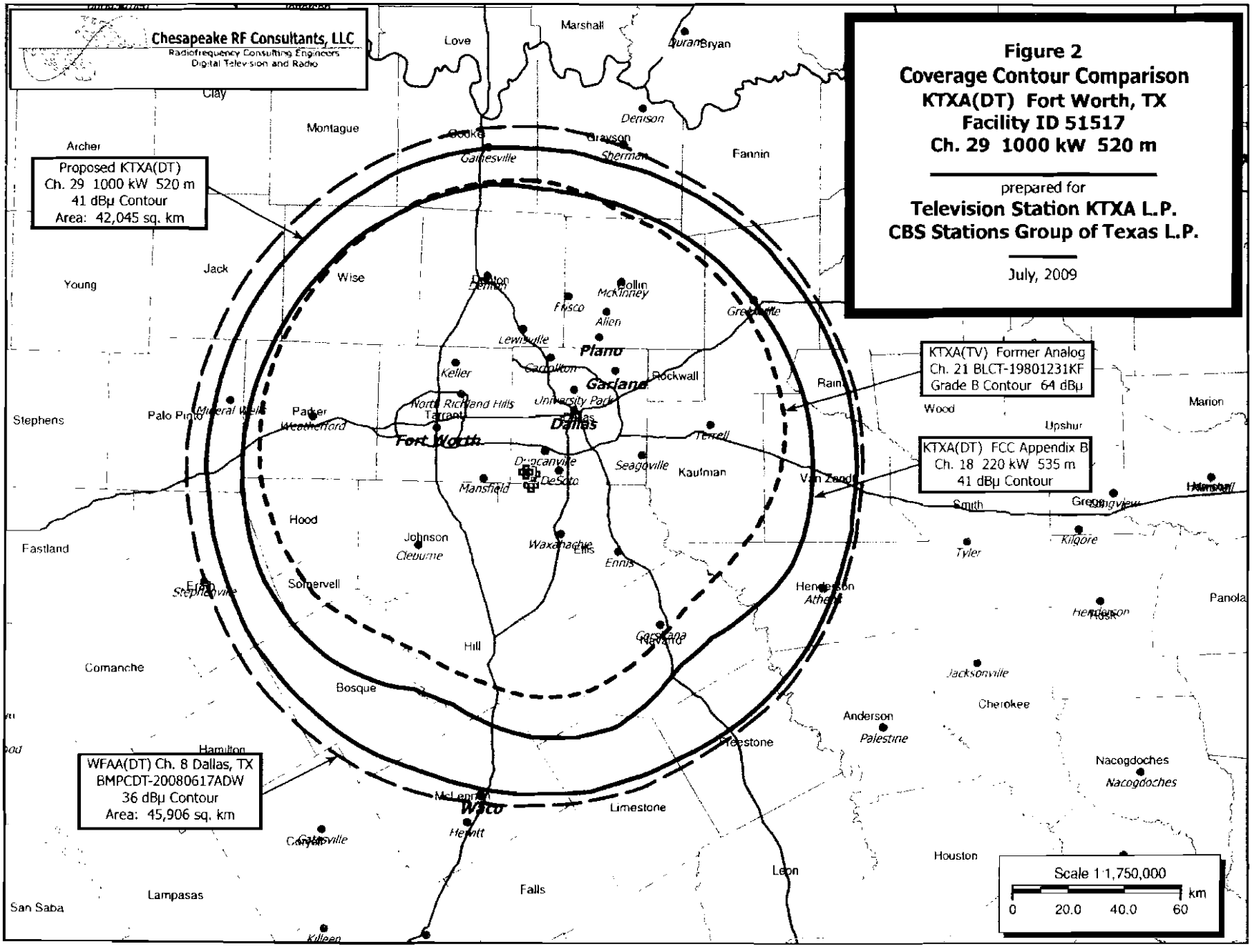


Figure 2
Coverage Contour Comparison
KTXA(DT) Fort Worth, TX
Facility ID 51517
Ch. 29 1000 kW 520 m

prepared for
Television Station KTXA L.P.
CBS Stations Group of Texas L.P.

July, 2009

Table 1 KTXA(DT) OET Bulletin 69 Interference Study
(worst-case scenarios shown page 1 of 14)

TW Census data selected [illegible]
Post Transition Data Base selected /space/software/cdbs/pt_tvdb.sff

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 07-13-2009 Time 15:28:58

Record Selected for Analysis

KTXA USERRECORD 01 FORT WORTH TX US
Channel 29 ERP 10[illegible] kW HAA [illegible] RCAMSL [illegible] m
Latitude 032-44-4[illegible] Longitude 0046-[illegible]
Status APP [illegible] Border
Last update [illegible] Cutoff date Center
Comments
Applicant

Cell size for [illegible] Analysis [illegible] km size

Distance [illegible]

Facility [illegible] Height [illegible] limits
Channel [illegible] AAT = [illegible]

Azimuth	[illegible]	HAAT	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]

[illegible] Toward [illegible] Stations

No Cra[illegible] Class A Stations

Class A Evaluation Complete

Proposed [illegible] Monitoring Stations

Proposed [illegible] toward West Virginia quiet zone

Proposed [illegible] toward Table Mountain

Proposed [illegible] beyond the Canadian coordination distance

Proposed [illegible] beyond the Mexican coordination distance

Table 1 KTXA(DT) OET Bulletin 69 Interference Study
(worst-case scenarios shown page 2 of 14)

Proposed stat[illegible] is OK toward AM broadcast stations

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Start of Interference Analysis

Proposed Station

Channel	Call	City/State	ARN
29	KTXA	FORT WORTH TX	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist (km)	Status	Application	Ref. No.
[illegible]	KYLE-TV	BRYAN TX	215.9	CP	BPCDT	[illegible]
28	KYLE	BRYAN TX	215.9	PLN	DTVPLN	[illegible]
29	KYLE-DR	BRYAN TX	215.9	APP	BPRM	[illegible]
29	KFDX-TV	WICHITA FALLS TX	208.6	CP MOD	BMPCDT	[illegible]
29	KFDX-TV	WICHITA FALLS TX	208.6	PLN	DTVPLN	[illegible]
[illegible]	KCCA-CA	NASHVILLE AR	328.9	APP	BSTA	[illegible]
[illegible]	KCCA-CA	NASHVILLE AR	328.9	APP	BDISTTA	[illegible]
[illegible]	KCCA-CA	NASHVILLE AR	328.9	CP	BDISTTA	[illegible]
29	KTBZ-TV	SHAWNEE OK	335.0	CP MOD	BMPCDT	[illegible]
[illegible]	KTBZ-TV	SHAWNEE OK	335.0	PLN	DTVPLN	[illegible]
[illegible]	KTBZ-TV	SHAWNEE OK	335.0	CP MOD	BMPCDT	[illegible]
[illegible]	KTBZ-TV	ABILENE TX	250.3	LIC	BLCDT	[illegible]
[illegible]	KTBZ-TV	ABILENE TX	250.3	PLN	DTVPLN	[illegible]
[illegible]	KMIX	DECATUR TX	1.8	LIC	BLCDT	[illegible]
[illegible]	KMIX	DECATUR TX	1.8	PLN	DTVPLN	[illegible]

****

Analysis of Interference to Affected Station 1

[illegible] of current record

[illegible]	[illegible]	City/State	Application	Ref. No.
[illegible]	[illegible]	BRYAN TX	[illegible]	[illegible]

[illegible] Affecting this Station

Chan	Call	City/State	Dist (km)	Status	Application	Ref. No.
[illegible]	KXAM-TV	LUBNO TX	204.6	CP	BPCDT	[illegible]
[illegible]	KXAM-TV	LUBNO TX	204.6	PLN	DTVPLN	[illegible]
[illegible]	KAT	LAFAYETTE LA	398.2	CP MOD	BMPCDT	[illegible]
[illegible]	KAT	LAFAYETTE LA	398.2	PLN	DTVPLN	[illegible]
[illegible]	KTBS-TV	SHREVEPORT LA	323.8	LIC	BLCDT	[illegible]
[illegible]	KTBS-TV	SHREVEPORT LA	323.8	PLN	DTVPLN	[illegible]
[illegible]	KYLE-DR	BRYAN TX	0.0	APP	BPRM	[illegible]
[illegible]	KTBC	[illegible] TX	364.2	APP	BMPCDT	[illegible]
[illegible]	KFDX-TV	WICHITA FALLS TX	408.3	CP MOD	BMPCDT	[illegible]
28	KFDX-TV	WICHITA FALLS TX	408.3	PLN	DTVPLN	[illegible]
[illegible]	KTXA	FORT WORTH TX	215.9	APP	USERRECORD-[illegible]	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 2

Table 1 KTXA(DT) OET Bulletin 69 Interference Study
(worst-case scenarios shown page 3 of 14)

Analysis of current record

Channel	Call	City/State	Application Ref. No.
28	KYLE	BRYAN TX	DTVPLN -DTVP1[illegible]

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
27	KXAM-TV	LLANO TX	204.6	CP	BPCDT -19990[illegible]AAV
27	KXAM-TV	LLANO TX	204.6	PLN	DTVPLN -DTVP[illegible]
28	KATC	LAFAYETTE LA	398.2	CP MOD	BMPCDT -[illegible]
28	KATC	LAFAYETTE LA	398.2	PLN	DTVPLN -DTVP[illegible]
28	KTBS-TV	SHREVEPORT LA	323.8	LIC	BLCDT -20[illegible]ABZ
28	KTBS-TV	SHREVEPORT LA	323.8	PLN	DTVPLN -[illegible]
28	KYLE-DR	BRYAN TX	0.0	APP	BPRM -[illegible]
29	KTF	DEL RIO TX	364.2	APP	BMPCDT -[illegible]
[illegible]	KFDX-TV	WICHITA FALLS TX	408.3	CP MOD	BMPCDT -[illegible]
29	KFDX-TV	WICHITA FALLS TX	408.3	PLN	DTVPLN -DTVP[illegible]
[illegible]	KTXA	FORT WORTH TX	215.9	APP	USE-PRCDT[illegible]

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.
28	KYLE-DR	BRYAN TX	BPRM -[illegible]

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	LLANO TX	204.6	PLN	DTVPLN [illegible]
[illegible]	[illegible]	LAFAYETTE LA	398.2	CP MOD	BMPCDT [illegible]
[illegible]	[illegible]	LAFAYETTE LA	398.2	PLN	DTVPLN [illegible]
[illegible]	[illegible]	SHREVEPORT LA	323.8	LIC	BLCDT [illegible]
[illegible]	[illegible]	SHREVEPORT LA	323.8	PLN	[illegible]
[illegible]	[illegible]	BRYAN TX	[illegible]	[illegible]	[illegible]
[illegible]	KYLE	BRYAN TX	0.0	PLN	[illegible]
[illegible]	KTF	DEL RIO TX	364.2	APP	BMPCDT [illegible]
[illegible]	KFDX-TV	WICHITA FALLS TX	408.3	CP MOD	BMP[illegible]
[illegible]	KFDX-TV	WICHITA FALLS TX	408.3	PLN	[illegible]
[illegible]	KTXA	FORT WORTH TX	215.9	APP	USE-PRCDT[illegible]

Proposed station is beyond the site to nearest cell evaluation distance

****

Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application Ref. No.
18	KFDX-TV	WICHITA FALLS TX	BMPCDT -[illegible]ABF

Table 1 KTXA(DT) OET Bulletin 69 Interference Study
(worst-case scenarios shown page 4 of 14)

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
27	KFOR-TV	OKLAHOMA CITY OK	[illegible]	LIC	BLCDT [illegible]ABF
27	KFOR-TV	OKLAHOMA CITY OK	[illegible]	PLN	DTVPLN -DTVP[illegible]
28	KTPX-TV	OKMULGEE OK	309.8	LIC	BLCDT -20[illegible]AAQ
28	KTPX	OKMULGEE OK	309.8	PLN	DTVPLN -DTVP1047
28	KYLE-TV	BRYAN TX	406.[illegible]	CP	BPCDT -[illegible]ADF
28	KYLE	BRYAN TX	406.[illegible]	PLN	DTVPLN -DTVP[illegible]
28	KYLE-DR	BRYAN TX	406.3	APP	BPRM -[illegible]
29	KTUZ-TV	SHAWNEE OK	[illegible]	CP MOD	BMPCDT -20080619AKA
29	KTUZ-TV	SHAWNEE OK	[illegible]	PLN	DTVPLN DTVP[illegible]
29	KTUZ-TV	SHAWNEE OK	[illegible]	CP MOD	BMPCDT -[illegible]AFM
29	KRBC-TV	ABILENE TX	[illegible]	LIC	BLCDT -[illegible]AAK
29	KRBC-TV	ABILENE TX	201.[illegible]	PLN	DTVPLN -DTVP[illegible]
29	KTXA	FORT WORTH TX	[illegible]	APP	USE-PRCDT[illegible]

Proposal causes no interference

****

Analysis of Interference to Affected Station [illegible]

Analysis of current record

Channel	Call	City/State	Application Ref. No.
28	KTPX-TV	WICHITA FALLS TX	[illegible]

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
27	KFOR-TV	OKLAHOMA CITY OK	[illegible]	LIC	BLCDT [illegible]
27	KFOR-TV	OKLAHOMA CITY OK	[illegible]	PLN	DTVPLN -DTVP[illegible]
28	KTPX-TV	OKMULGEE OK	[illegible]	LIC	BLCDT [illegible]
28	KTPX	OKMULGEE OK	[illegible]	PLN	DTVPLN -DTVP[illegible]
28	KYLE-TV	BRYAN TX	[illegible]	CP	BPCDT [illegible]
28	KYLE	BRYAN TX	[illegible]	PLN	DTVPLN [illegible]
28	KYLE-DR	BRYAN TX	[illegible]	APP	BPRM [illegible]
29	KTUZ-TV	SHAWNEE OK	[illegible]	CP MOD	BMPCDT [illegible]
29	KTUZ-TV	SHAWNEE OK	[illegible]	PLN	DTVPLN [illegible]
29	KTUZ-TV	SHAWNEE OK	[illegible]	CP MOD	BMPCDT [illegible]AFM
29	KRBC-TV	ABILENE TX	[illegible]	LIC	BLCDT [illegible]
29	KRBC-TV	ABILENE TX	[illegible]	PLN	DTVPLN [illegible]
29	KTXA	FORT WORTH TX	[illegible]	APP	USE-PRCDT[illegible]

Proposal causes no interference

****

Analysis of Interference to Affected Station [illegible]

Analysis of current record

Channel	Call	City/State	Application Ref. No.
29	KTXA-TV	NASHVILLE TN	KSTA -[illegible]

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
21	KHBS	FORT SMITH AR	[illegible]	LIC	BLCDT -20031121AMR
21	KHBS	FORT SMITH AR	[illegible]	PLN	DTVPLN -DTVP0746
21	KPXJ	MINDEN LA	[illegible]	LIC	BLCDT -20050930AAL

Table 1 KTXA(DT) OET Bulletin 69 Interference Study
(worst-case scenarios shown page 5 of 14)

21	KBXJ	MINDEN LA	[illegible]	PLN	DTVPLN	-DTVP0760
26	KVTH-DT	HOT SPRINGS AR	84.8	LIC	BPCDT	-20080331APY
26	KVTH	HOT SPRINGS AR	84.8	PLN	DTVPLN	-DTVP0940
29	KL9DC	EL DORADO AR	129.5	LIC	BLTTL	-20001213ACL
29	KTUZ-TV	SHAWNEE OK	378.1	CP MOD	BMPCDT	-20060619AKA
29	KTUZ-TV	SHAWNEE OK	378.1	PLN	DTVPLN	-DTVP1083
29	KTUZ-TV	SHAWNEE OK	378.1	CP MOD	BMPCDT	-20060707AFM
29	WKNO	MEMPHIS TN	389.6	CP MOD	BMPEDT	-20021112ACA
29	WKNO	MEMPHIS TN	389.6	PLN	DTVPLN	-DTVP1089
29	WKNO	MEMPHIS TN	389.6	LIC	BLEDT	-20060627ABE
29	NEW	PLANO TX	311.9	ADD	BPRM	-19960725AAS
44	KSHV-TV	SHREVEPORT LA	144.9	LIC	BLCDT	-20060215ACP
44	KSHV	SHREVEPORT LA	144.9	PLN	DTVPLN	-DTVP1576
9	KTXA	FORT WORTH TX	[illegible]	APP	USERRECORD-01

Proposal causes no interference

****

Analysis of Interference to Affected Station

Analysis of current record

Channel	Call	City/State	Application Ref. No.
29	KSCA-CA	NASHVILLE TN	BLTTCA -20080605ABF

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
21	KHBS	FORT SMITH AR	[illegible]	LIC	BLCDT	-20030121AMB
21	KHBS	FORT SMITH AR	145.5	PLN	DTVPLN	-DTVP0746
21	KBXJ	MINDEN LA	[illegible]	PLN	DTVPLN	-DTVP0760
26	KVTH-DT	HOT SPRINGS AR	84.8	CP	BPCDT	-20080331APY
26	KVTH	HOT SPRINGS AR	84.8	PLN	DTVPLN	-DTVP0940
29	KL9DC	EL DORADO AR	129.5	LIC	BLTTL	-20001213ACL
29	KTUZ-TV	SHAWNEE OK	378.1	CP MOD	BMPCDT	-20060619AKA
29	KTUZ-TV	SHAWNEE OK	378.1	PLN	DTVPLN	-DTVP1083
29	KTUZ-TV	SHAWNEE OK	378.1	CP MOD	BMPCDT	-20060707AFM
29	WKNO	MEMPHIS TN	389.6	CP MOD	BMPEDT	-20021112ACA
29	WKNO	MEMPHIS TN	389.6	PLN	DTVPLN	-DTVP1089
29	WKNO	MEMPHIS TN	389.6	LIC	BLEDT	-20060627ABE
29	NEW	PLANO TX	311.9	ADD	BPRM	-19960725AAS
44	KSHV-TV	SHREVEPORT LA	144.9	LIC	BLCDT	-20060215ACP
44	KSHV	SHREVEPORT LA	144.9	PLN	DTVPLN	-DTVP1576
9	KTXA	FORT WORTH TX	[illegible]	APP	USERRECORD-01

Proposal causes no interference

****

Analysis of Interference to Affected Station

Analysis of current record

Channel	Call	City/State	Application Ref. No.
29	KSCA-CA	NASHVILLE TN	BLTTCA -20080605ABF

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
21	KHBS	FORT SMITH AR	145.5	LIC	BLCDT	-20030121AMB
21	KHBS	FORT SMITH AR	145.5	PLN	DTVPLN	-DTVP0746
21	KBXJ	MINDEN LA	142.7	LIC	BLCDT	-20050940AAI
21	KBXJ	MINDEN LA	142.7	PLN	DTVPLN	-DTVP0760
26	KVTH-DT	HOT SPRINGS AR	84.8	CP	BPCDT	-20080331APY
26	KVTH	HOT SPRINGS AR	84.8	PLN	DTVPLN	-DTVP0940
29	KL9DC	EL DORADO AR	129.5	LIC	BLTTL	-20001213ACL
29	KTUZ-TV	SHAWNEE OK	378.1	CP MOD	BMPCDT	-20060619AKA
29	KTUZ-TV	SHAWNEE OK	378.1	PLN	DTVPLN	-DTVP1083
29	KTUZ-TV	SHAWNEE OK	378.1	CP MOD	BMPCDT	-20060707AFM
29	WKNO	MEMPHIS TN	389.6	CP MOD	BMPEDT	-20021112ACA
29	WKNO	MEMPHIS TN	389.6	PLN	DTVPLN	-DTVP1089
29	WKNO	MEMPHIS TN	389.6	LIC	BLEDT	-20060627ABE
29	NEW	PLANO TX	311.9	ADD	BPRM	-19960725AAS
44	KSHV-TV	SHREVEPORT LA	144.9	LIC	BLCDT	-20060215ACP
44	KSHV	SHREVEPORT LA	144.9	PLN	DTVPLN	-DTVP1576
9	KTXA	FORT WORTH TX	[illegible]	APP	USERRECORD-01

Proposal causes no interference

****

Analysis of Interference to Affected Station

Analysis of current record

Channel	Call	City/State	Application Ref. No.
[illegible]	[illegible]	SHAWNEE OK	BMPCDT -20060619AKA

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
21	KTEX-TV	SHAWNEE OK	126.6	LIC	BLCDT	-20020510AAQ
[illegible]	KTUZ	SHAWNEE OK	126.6	PLN	DTVPLN	-DTVP1047
29	KTUZ-TV	WICHITA FALLS TX	209.9	CP MOD	BMPCDT	-20070607ABH
[illegible]	KTUZ-TV	WICHITA FALLS TX	209.9	PLN	DTVPLN	-DTVP1094
[illegible]	KPCW-TV	ABILENE TX	413.6	LIC	BLCDT	-20070831AAJ
[illegible]	[illegible]	[illegible]	413.6	PLN	DTVPLN	[illegible]
[illegible]	[illegible]	[illegible]	311.9	APP	USERRECORD-[illegible]

[illegible]

Total [illegible] Interference [illegible] 9

[illegible]

[illegible] KTUZ SHAWNEE BMPCDT 20060619AKA F

[illegible]

	POPULATION	AREA (sq km)
within Noise Limited Contour	1489578	41190.6
[illegible] affected by terrain losses	1488671	41992.9
[illegible] NTSC TV	0	0.0
[illegible] additional [illegible]	7014	572.6
[illegible] ATV DTV only	7014	572.6
[illegible] all TV	7014	572.6

Potential Interfering Stations Included in above Scenario 1

[illegible] SHAWNEE KTEX DT 20020510AAQ LIC

Area Analysis

Table 1 KTXA(DT) OET Bulletin 69 Interference Study
(worst-case scenarios shown page 7 of 14)

```
Results for: 29A OK SHAWNEE                BMPCDT    20080619AKA  CP
   HAAT  474.0 m, ATV ERP [illegible] kW
                                        POPULATION   AREA (sq km)
   within Noise Limited Contour         1439929      41194.6
   not affected by terrain losses       1458671      40992.9
   lost to NTSC IX                            0          0.0
   lost to additional IX by ATV          10730        850.8
   lost to ATV IX only                   10730        850.8
   lost to all IX                        10730        850.8

 Potential Interfering Stations Included in above Scenario     1

28A OK OKMULGEE              BLCDT     20020510AAQ  LIC
29A TX FORT WORTH            JSERRECORD[illegible]          APP

Percent new IX = [illegible]

Worst case new IX [illegible] Scenario     1

##########################################################################

     Analysis of Interference to Affected Station  10

Analysis of Current Record
 Channel        Call              City/State          Application Ref. No.
   29      [illegible]     SHAWNEE OK                  DTVPLN    -DTVP1083

     Stations Potentially Affecting This Station

Channel        City/State                 List(km)  Status  Application Ref. No.
   [illegible]   OKMULGEE OK                [illegible]  LIC     BLCDT     -20020510AAQ
   [illegible]   OKMULGEE OK                [illegible]  PLN     DTVPLN    -DTVP1083
   [illegible]   WICHITA FALLS TX           [illegible]  CP MOD BMPCDT    -20070621ABC
   [illegible]   WICHITA FALLS TX           [illegible]  PLN     DTVPLN    -DTVP1054
   [illegible]   ABILENE TX                 [illegible]  LIC     BLCDT     -20070[illegible]
   [illegible]   ABILENE TX                 [illegible]  PLN     DTVPLN    -DTVP[illegible]
   [illegible]   FORT WORTH TX              [illegible]  APP     JSERRECORD-[illegible]

 Total [illegible]

Results for
Scenario [illegible] Affected Station     11
Ref. [illegible]

Results for: 29A OK SHAWNEE                DTVPLN    DTVP1083     PLN
   HAAT [illegible] m, ATV ERP [illegible] kW
                                        POPULATION   AREA (sq km)
   within Noise Limited Contour         1458861      39279.1
   not affected by terrain losses       1458164      39101.7
   lost to NTSC IX                            0          0.0
   lost to additional IX by ATV          6825        455.7
   lost to ATV IX only                   6825        455.7
   lost to all IX                        6825        455.7

 Potential Interfering Stations Included in above Scenario     1

28A OK OKMULGEE              BLCDT     20020510AAQ  LIC

After Analysis
```

Table 1 KTXA(DT) OET Bulletin 69 Interference Study
(worst-case scenarios shown page 8 of 14)

```
Results for: 29A OK SHAWNEE                DTVPLN    DTVP1083     PLN
   HAAT  474.0 m, ATV ERP  770.0 kW
                                        POPULATION   AREA (sq km)
   within Noise Limited Contour         1458861      39279.1
   not affected by terrain losses       1458164      39101.7
   lost to NTSC IX                            0          0.0
   lost to additional IX by ATV          11538        709.7
   lost to ATV IX only                   11538        709.7
   lost to all IX                        11538        709.7

 Potential Interfering Stations Included in above Scenario     1

28A OK OKMULGEE              BLCDT     20020510AAQ  LIC
29A TX FORT WORTH            JSERRECORD[illegible]          APP

Percent new IX = 0.3247%

Worst case new IX 0.3247% Scenario     1

##########################################################################

     Analysis of Interference to Affected Station  11

Analysis of Current Record
 Channel        Call              City/State          Application Ref. No.
   29      [illegible]     SHAWNEE OK                  BMPCDT    [illegible]

     Stations Potentially Affecting This Station

Channel        City/State                 List(km)  Status  Application Ref. No.
   [illegible]   OKMULGEE OK                [illegible]  LIC     BLCDT     [illegible]
   [illegible]   OKMULGEE OK                [illegible]  PLN     [illegible]
   [illegible]   WICHITA FALLS TX           [illegible]  CP MOD BMPCDT    [illegible]
   [illegible]   WICHITA FALLS TX           [illegible]  PLN     [illegible]
   [illegible]   ABILENE TX                 [illegible]  LIC     [illegible]
   [illegible]   ABILENE TX                 [illegible]  PLN     [illegible]
   [illegible]   FORT WORTH TX              [illegible]  APP     [illegible]

 Total [illegible]

Results for
Scenario [illegible] Affected Station     11
Ref. [illegible]

Results for: 29A OK SHAWNEE                BMPCDT    [illegible]
   HAAT  [illegible] m, ATV ERP  770.0 kW
                                        POPULATION   AREA (sq km)
   within Noise Limited Contour         1458861      39279.1
   not affected by terrain losses       1458164      39101.7
   lost to NTSC IX                            0          0.0
   lost to additional IX by ATV          6825        455.7
   lost to ATV IX only                   6825        455.7
   lost to all IX                        6825        455.7

 Potential Interfering Stations Included in above Scenario     1

28A OK OKMULGEE              BLCDT     20020510AAQ  LIC
```

Table 1 KTXA(DT) OET Bulletin 69 Interference Study
(worst-case scenarios shown page 9 of 14)

After Analysis

Results for 19A OK CHAWNEE BMFCDT 20060[illegible]AFM CP
HAAT 474.0 m, ATV ERP [illegible] kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1458[illegible]	[illegible]79.1
not affected by terrain losses	1458[illegible]	[illegible]
lost to NTSC IX	0	0.0
lost to additional IX by ATV	[illegible]	[illegible]
lost to ATV IX only	[illegible]	[illegible]
lost to all IX	[illegible]	[illegible]

Potential Interfering Stations Included in above Scenario 1

[illegible] OK OKMULGEE [illegible]
19A TX FORT WORTH [illegible]

Percent new IX = [illegible]

Worst case new IX [illegible]

##

Analysis of Interference [illegible]

Analysis of current [illegible]

Channel	Call	City/State	Application Ref. No.
19	KRBC-TV	[illegible]	[illegible]-20070831AAK

Stations Potentially [illegible]

Chan	Call	City/State	Dist/km	Status	Application Ref. No.
18	KLDX-[illegible]	WICHITA [illegible]	[illegible]	CP MOD	BMFCDT -[illegible]
18	KPLX-TV	WICHITA [illegible]	[illegible]	PLN	DTVPLN -DTVP1094
19	KU[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
29	KUPT	HOPE [illegible]	[illegible]	PLN	DTVPLN -DTVP1078
29	KTL[illegible]-TV	CHAWNEE [illegible]	[illegible]	[illegible]	BMFCDT -[illegible]
29	KTU[illegible]-TV	CHAWNEE [illegible]	[illegible]	PLN	DTVPLN -DTVP1083
29	KTU[illegible]-TV	CHAWNEE [illegible]	[illegible]	CP MOD	BMFCDT -20060[illegible]AFM
29	KTXA	[illegible]	[illegible]	[illegible]	PRECORP-[illegible]

[illegible]

Result key:
Scenario [illegible]
Before Analysis

Results for 19A TX ABILENE BLCDT [illegible]AAK LIC
HAAT 258.0 m, ATV ERP [illegible] kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	226398	[illegible]
not affected by terrain losses	226245	[illegible]
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 [illegible]

Table 1 KTXA(DT) OET Bulletin 69 Interference Study
(worst-case scenarios shown page 10 of 14)

After Analysis

Results for 19A TX ABILENE BLCDT 20070831AAK LIC
HAAT 258.0 m, ATV ERP [illegible] kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	226398	22547.3
not affected by terrain losses	226245	22370.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1101	306.4
lost to ATV IX only	1101	306.4
lost to all IX	1101	306.4

Potential Interfering Stations Included in above Scenario 1

[illegible] WORTH USERRECORD[illegible] APP

Percent new IX = [illegible]

Worst case new IX [illegible] 3

##

Analysis of Interference [illegible] Affected Stations 13

Analysis of current results

Channel	Call	City/State	Application Ref. No.
[illegible]	[illegible]	ABILENE TX	DTVPLN -DTVP1099

[illegible] Potentially [illegible] This Station

Chan	Call	City/State	Dist/km	Status	Application Ref. No.
[illegible]	[illegible]	WICHITA FALLS TX	[illegible]	CP MOD	BMFCDT -[illegible]
[illegible]	[illegible]	WICHITA FALLS TX	[illegible]	PLN	DTVPLN -DTVP1[illegible]
[illegible]	[illegible]	[illegible] NM	[illegible]	CP MOD	BMFCDT -[illegible]
[illegible]	[illegible]	[illegible] NM	231.7	PLN	DTVPLN -DTVP1[illegible]
[illegible]	[illegible]	CHAWNEE [illegible]	[illegible]	CP MOD	BMFCDT -[illegible]
[illegible]	[illegible]	CHAWNEE [illegible]	[illegible]	PLN	DTVPLN -DTVP[illegible]
[illegible]	[illegible]	CHAWNEE [illegible]	[illegible]	CP MOD	BMFCDT -[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	APP	USERRECORD-[illegible]

[illegible]

[illegible] Affected Stations 13

[illegible] 19A TX ABILENE DTVPLN DTVP1099 PLN
HAAT 59.0 m, ATV ERP [illegible] kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	226398	22547.3
not affected by terrain losses	226245	22370.3
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

Table 1 KTXA(DT) OET Bulletin 69 Interference Study
(worst-case scenarios shown page 11 of 14)

After Analysis

Results for: 29A TX ABILENE DTVPLN DTVP1090 PLN
HAAT 158.0 m, ATV ERP [illegible] kW

	POPULATION	AREA sq km
Within Noise Limited Contour	226398	22547.7
not affected by terrain losses	226245	22370.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1101	306.4
lost to ATV IX only	1101	306.4
lost to all IX	1101	306.4

Potential Interfering Stations Included in above Scenario 1

29A [illegible] WORTH USERRECORD01 APP

Percent new IX [illegible]

Worst case new IX [illegible] Scenario 1

Analysis of Interference to Affected Station 14

Analysis of current record

Channel	Call	City/State	Application Ref. No.
[illegible]	[illegible]	[illegible] TX	BLCDT [illegible]0031AGE

Stations Potentially Affecting This Station

Char	Call	City/State	Distance	Status	Application Ref. No.
[illegible]	[illegible]	[illegible]	[illegible]	CP	BPCDT [illegible]
[illegible]	KCHB	[illegible]	[illegible]	PLN	DTVPLN [illegible]
[illegible]	[illegible]	[illegible]	[illegible]	APP	BMPCDT [illegible]
[illegible]	[illegible]	[illegible]	[illegible]	PLN	DTVPLN [illegible]
[illegible]	KABF	[illegible]	[illegible]	CP	BPCDT [illegible]
[illegible]	KFWB-TV	[illegible]	[illegible]	LIC	BLCDT [illegible]
[illegible]	[illegible]	[illegible]	[illegible]	PLN	DTVPLN [illegible]
[illegible]	KTXA	FORT WORTH TX	[illegible]	APP	USERRECORD01

Total scenarios [illegible]

Result Key:
Scenario [illegible] Affected Station 14
Before Analysis

Results for: 30A TX DECATUR BLCDT [illegible]
HAAT 544.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA sq km
Within Noise Limited Contour	5436687	37456.2
not affected by terrain losses	5435608	37203.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	106	4.0
lost to ATV IX only	106	4.0
lost to all IX	106	4.0

Potential Interfering Stations Included in above Scenario 1

Table 1 KTXA(DT) OET Bulletin 69 Interference Study
(worst-case scenarios shown page 12 of 14)

29A TX LONGVIEW BLCDT [illegible]

After Analysis

Results for: 30A TX DECATUR BLCDT [illegible]
HAAT 544.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA sq km
Within Noise Limited Contour	5436687	37456.2
not affected by terrain losses	5435608	37203.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	41.9	[illegible]
lost to ATV IX only	41.9	[illegible]
lost to all IX	41.9	[illegible]

Potential Interfering Stations Included in above Scenario 1

29A TX LONGVIEW BLCDT [illegible]
29A TX FORT WORTH USERRECORD01 APP

Percent new IX = 0.0738%

Worst case new IX 0.0738% Scenario 1

Analysis of Interference to Affected Station 14

Analysis of current record

Channel	Call	City/State	Application Ref. No.
[illegible]	KMYX	DECATUR TX	[illegible]

Stations Potentially Affecting This Station

Char	Call	City/State	Distance	Status	Application Ref. No.
[illegible]	KVHP	LAKE CHARLES LA	[illegible]	[illegible]	[illegible]
[illegible]	KVHP	LAKE CHARLES LA	[illegible]	PLN	DTVPLN [illegible]
[illegible]	KABP	SAN ANTONIO TX	[illegible]	APP	BMPCDT [illegible]
[illegible]	KABP	SAN ANTONIO TX	[illegible]	PLN	DTVPLN [illegible]
[illegible]	KABP	SAN ANTONIO TX	[illegible]	CP	BPCDT [illegible]
[illegible]	KFWB-TV	LONGVIEW TX	[illegible]	LIC	BLCDT [illegible]
[illegible]	KFWB	LONGVIEW TX	[illegible]	PLN	DTVPLN [illegible]
29	KTXA	FORT WORTH TX	[illegible]	APP	USERRECORD01

Total scenarios = 1

Result Key:
Scenario 1 Affected Station 14
Before Analysis

Results for: 30A TX DECATUR DTVPLN [illegible] PLN
HAAT 544.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA sq km
Within Noise Limited Contour	5436687	37456.2
not affected by terrain losses	5435608	37203.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	106	4.0
lost to ATV IX only	106	4.0
lost to all IX	106	4.0

Table 1 KTXA(DT) OET Bulletin 69 Interference Study
(worst-case scenarios shown page 13 of 14)

```
 Potential Interfering Stations Included in above Scenario      1

31A TX LONGVIEW              BLCDT      20060705AAW  LIC

After Analysis

Results for: 30A TX DECATUR              DTV PLN     DTV81117      PLN
   HAAT  544.0 m, ATV ERP 1000.0 kW
                                    POPULATION   AREA (sq km)
   within Noise Limited Contour     5436[illegible]      [illegible]
   not affected by terrain losses   5435[illegible]      [illegible]
   lost to NTSC IX                        [illegible]          [illegible]
   lost to additional IX by ATV        [illegible]          [illegible]
   lost to ATV IX only                 [illegible]          [illegible]
   lost to all IX                      [illegible]          [illegible]

 Potential Interfering Stations      [illegible] above Scenario      [illegible]

31A TX LONGVIEW              [illegible]
29A TX FORT WORTH            [illegible]

Percent new IX =     0.0738%

Worst Case new IX        [illegible]

##################################################################################

     Analysis of Interference to Digital [illegible]

Analysis of current [illegible]
Channel     Call                [illegible]          Facility Ref. No.
   29       KTXA        FORT WORTH TX                [illegible]

     Stations Potentially [illegible]

Chan   Call       City State                [illegible]   Application Ref. No.
 26    KYLE-TV   BRYAN TX                   [illegible]   BPCDT     -20[illegible]905[illegible]7ADF
 28    KYLE      BRYAN TX                   [illegible]   DTV PLN   -DTVP1052
 28    KYLE-DT   BRYAN TX                   [illegible]   BPEDT     -20[illegible]0203AEA
 25    KFDX-TV   WICHITA FALLS TX           [illegible]   BMPCDT    -20[illegible]0621ABP
 26    KFDX-TV   WICHITA FALLS TX           [illegible]   DTV PLN   -DTVP1054
 29    KTLG-TV   SHAWNEE OK                 [illegible]   BMPCDT    -20[illegible]0719AKA
 29    KTLG-TV   SHAWNEE OK                 [illegible]   DTV PLN   -DTVP1[illegible]
 29    KOCW-TV   SHAWNEE OK                 [illegible]   BMPCDT    -20[illegible]7ABM
 29    KRBC-TV   ABILENE TX                 [illegible]   BLCDT     -20[illegible]AAK
 29    KRBC-TV   ABILENE TX                 [illegible]   DTV PLN   -DTVP11[illegible]
 30    KMPX      DECATUR TX                 [illegible]   BLCDT     -20[illegible]31AGL
 30    KMPX      DECATUR TX                 [illegible]   DTV PLN   -DTVP1117

 Total scenarios =   12

Result key:        33
Scenario        1  Affected station        1s
Before Analysis

Results for: 29A TX FORT WORTH           USEWEB(DB.C)            ATV
   HAAT  520.0 m, ATV ERP 100.0 kW
                                    POPULATION   AREA (sq km)
   within Noise Limited Contour     5[illegible]      43448.1
```

Table 1 KTXA(DT) OET Bulletin 69 Interference Study
(worst-case scenarios shown page 14 of 14)

```
   not affected by terrain losses   55[illegible]654      43202.8
   lost to NTSC IX                          0          0.0
   lost to additional IX by ATV        20[illegible]50        [illegible]9.8
   lost to ATV IX only                  [illegible]35        759.8
   lost to all IX                      20[illegible]50        759.8

 Potential Interfering Stations Included in above Scenario      1

29A OK SHAWNEE               BMPCDT     20080619AKA  CP
29A TX ABILENE               BLCDT      20070831AAK  LIC
30A TX DECATUR               BLCDT      20060317AGE  LIC

##################################################################################

FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED
```

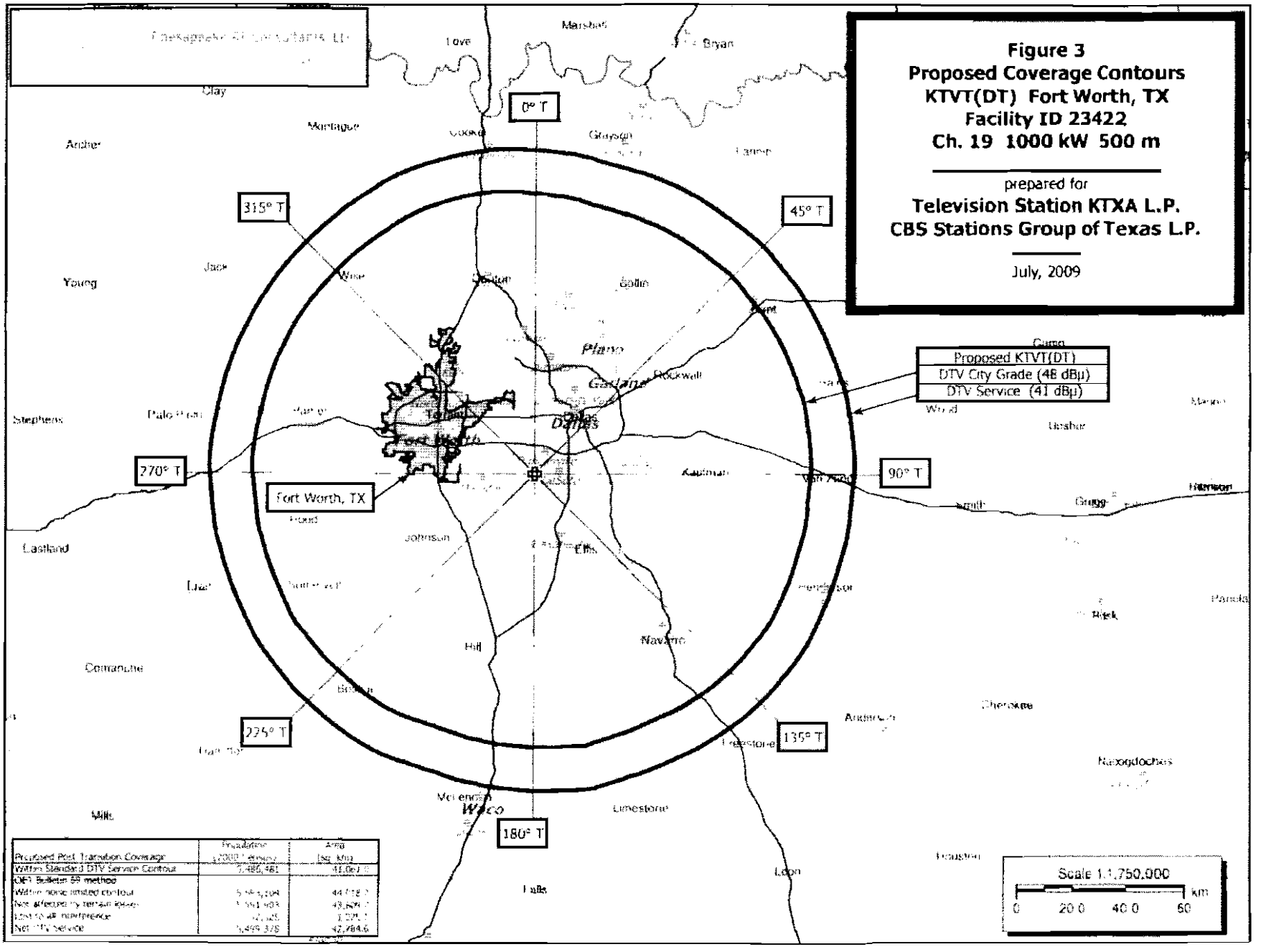
Figure 3
Proposed Coverage Contours
KTVT(DT) Fort Worth, TX
Facility ID 23422
Ch. 19 1000 kW 500 m
prepared for
Television Station KTXA L.P.
CBS Stations Group of Texas L.P.
July, 2009
Proposed KTVT(DT)
DTV City Grade (48 dBμ)
DTV Service (41 dBμ)
Fort Worth, TX
0° T
45° T
90° T
135° T
180° T
225° T
270° T
315° T
Scale 1:1,750,000
km
0
20.0
40.0
60
Marshall
Bryan
Love
Clay
Montague
Archer
Cooke
Grayson
Young
Jack
Wise
Denton
Collin
Plano
Garland
Rockwell
Dallas
Stephens
Palo Pinto
Kaufman
Van Zandt
Hood
Johnson
Ellis
Eastland
Erath
Hill
Navarro
Comanche
Bosque
Freestone
Anderson
Cherokee
Naxogdoches
McLennan
Waco
Limestone
Mills
Falls
Leon
Houston
Rusk
Gregg
Smith
Hanson
Upshur
Wood
Camp
Hamilton
Panola
Clay
Cooke
Fannin
Wise
Tarrant
Hood
Ellis
Navarro
Hill
Bosque
Limestone
Freestone
Anderson
Cherokee
Rusk
Gregg
Wood
Camp
Hamilton
Panola
Hanson
Upshur
Marion
Kaufman
Van Zandt
Rockwell
Palo Pinto
Stephens
Eastland
Comanche
Mills
Leon
Houston
Proposed Post Transition Coverage
Population
Area
Within Standard DTV Service Contour
OET Bulletin 69 method
Within noise limited contour
Not affected by terrain losses
Lost to all interference
Net DTV Service

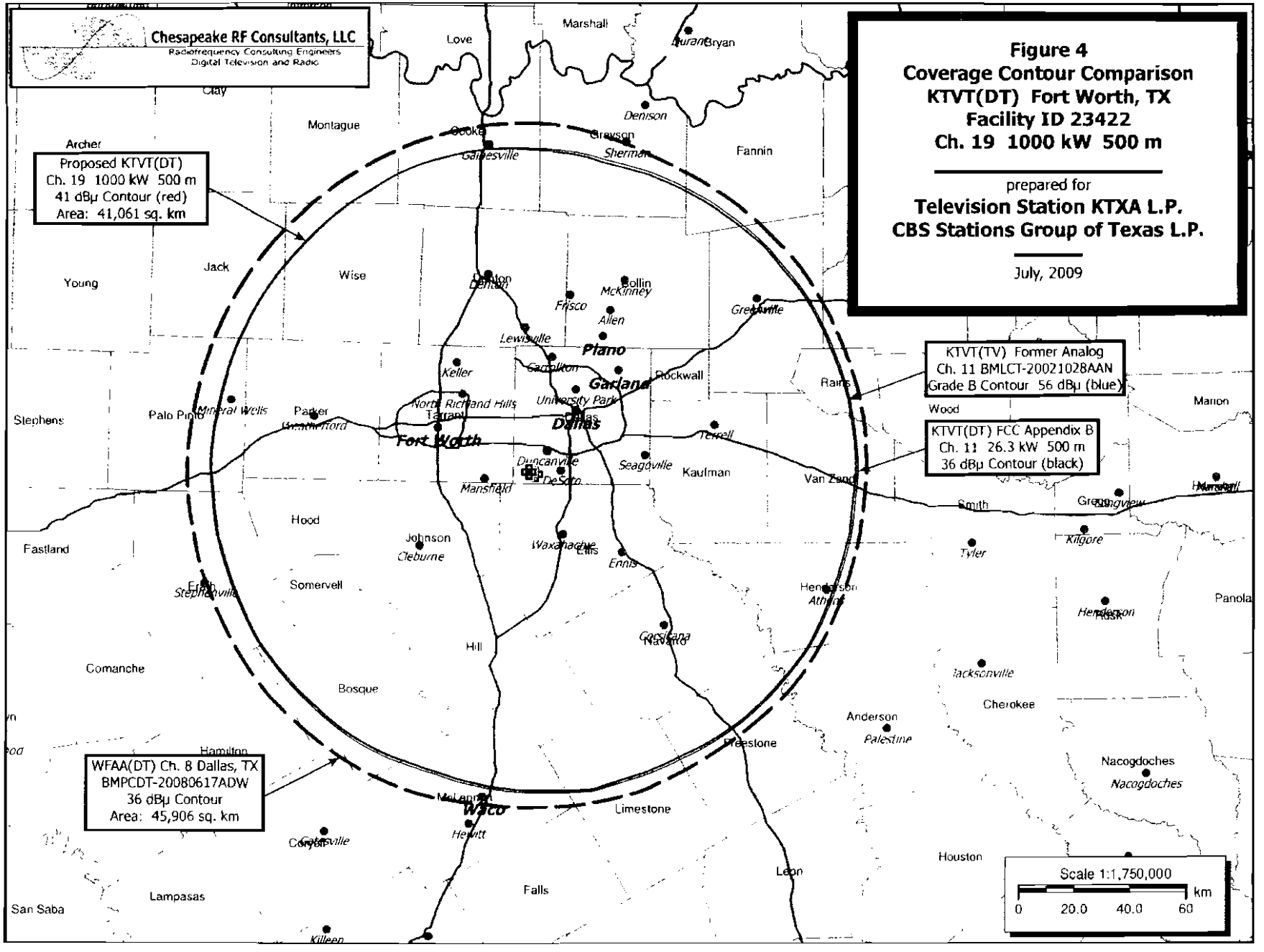

Figure 4
Coverage Contour Comparison
KTVT(DT) Fort Worth, TX
Facility ID 23422
Ch. 19 1000 kW 500 m

prepared for
Television Station KTXA L.P.
CBS Stations Group of Texas L.P.

July, 2009

KTVT RATINGS ANALYSIS
PRE-DTV VERSUS POST-DTV
P25-54

KTVT M-F 7p-10p

	Total	OTA		Cable	Satellite
	RTG	RTG	INDEX	RTG	RTG
Pre-DTV	**2.74**	**4.22**	**154**	**2.13**	**2.88**
Post-DTV	2.01	1.82	91	2.09	1.99
	-26.6%	-56.9%		-1.9%	-30.9%

Pre-DTV Ratings are for the week of 06/01/2009

Post-DTV Ratings are for the week of 06/22/2009

Source: Nielsen Television Index