

ENGINEERING EXHIBIT

Application for Modification of Digital Television Station Construction Permit

prepared for

CBS Stations Group of Texas L.P.

KTVT(DT) Fort Worth, TX

Facility ID 23422

Ch. 19 1000 kW 534 m

CBS Stations Group of Texas L.P. (“CBS”) is licensee of KTVT(DT), Fort Worth, TX. Appendix B of the Seventh Report and Order in MB Docket 87-268 established KTVT’s post-transition digital allotment on its pre-transition analog Channel 11. KTVT commenced operation on digital Channel 11 on the transition date in June 2009 (license application BLCDT-20090612AGD is pending). In July 2009 KTVT resumed operation on digital Channel 19, its pre-transition digital channel, pursuant to Special Temporary Authorization (“STA”, BDSTA-20090716ADK). Subsequently, in September 2009, KTVT’s post-transition digital allotment was changed to its pre-transition Channel 19 in MB Docket 09-132¹ and a Construction Permit (“CP” BPCDT-20091021ACO) now authorizes permanent operation on Channel 19. CBS proposes herein to modify the Channel 19 CP to specify a different transmitting location and an increased antenna height.

The present CP authorizes operation with 1000 kW effective radiated power (“ERP”), nondirectional, at 500 meters antenna height above average terrain (“HAAT”). The CP specifies the same antenna system which is currently in operation by KTVT at 750 kW pursuant to STA. As proposed herein, the KTVT facility will be relocated 3.9 km from the currently authorized site, and will operate with 1000 kW ERP nondirectional at 534 meters HAAT. The proposed digital Channel 19 operation will employ a new shared antenna to be installed on an existing tower structure. The

¹*Amendment of Section 73.622(i), Final DTV Table of Allotments, Television Broadcast Stations (Fort Worth, Texas)*, MB Docket No. 09-132, RM 11550, DA 09-2037, released September 11, 2009.

tower structure corresponds to FCC Antenna Structure Registration (“ASR”) number 1059733. No change to overall structure height is proposed.

The antenna is an elliptically polarized Dielectric model TUM30-O4-14/56H-2-R-T (33.3 percent vertical polarization). The horizontally polarized ERP is 1000 kW, and the vertically polarized ERP is 333 kW. The proposed antenna is nondirectional, therefore the vertically polarized component will not exceed the horizontally polarized component at any azimuth.

A map is supplied as **Figure 1**, which depicts the standard predicted coverage contours. This map includes the boundaries of Fort Worth, KTVT’s principal community. As demonstrated thereon, the proposed facility complies with §73.625(a)(1), as the entire principal community will be encompassed by the 48 dBμ contour.

The proposed KTVT facility’s predicted service population provides a 101.1 percent match of the allotment facility described in MB Docket 09-132, as detailed in the table below.

Digital Television Population Summary

Population Summary (2000 Census) OET Bulletin 69 method	Ch. 19 Allotment	Ch. 19 Proposed
Within Noise Limited Contour	5,593,104	5,652,477
Not affected by terrain losses	5,591,903	5,651,445
Lost to all interference	92,525	90,274
Net DTV Service	5,499,378	5,561,171
Match of Appendix B	---	101.12%

As depicted in **Figure 2**, the proposal will not result in any loss areas within the digital service contour area associated with the KTVT Channel 19 facility currently in operation.

The proposed facility expands the KTVT service contour beyond that established by MB Docket 09-132. A detailed interference study per OET Bulletin 69² shows that the proposal

²FCC 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 cell size of 1 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.

complies with the 0.5 percent limit of new interference caused to pertinent nearby digital television stations. **Pursuant to §73.616(e)(1), FCC processing of this proposal is requested on the basis of a 1 km cell size.** The interference study output report is provided as **Table 1**. Protection requirements towards authorized Class A stations are also satisfied.

KTVT's proposed 1000 kW ERP exceeds the maximum allowed for the proposed antenna HAAT of 534 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 KTVT 41 dBμ contour is 42,857 square kilometers, which does not exceed the 45,906 square kilometers within the 36 dBμ service contour for station WFAA(DT) (Ch. 8, Dallas, TX, BLCDT-20090612ADY pending). Thus, the ERP specified herein is in compliance with §73.622(f)(5) of the Commission's Rules.

The nearest FCC monitoring station is 573 km distant at Kingsville, TX. This exceeds by a large margin the threshold minimum distance specified in §73.1030(c)(3) that would suggest consideration of the monitoring station. The site is not located within the areas requiring coordination with "quiet" zones specified in §73.1030(a) and (b). There are no AM stations within 3.2 kilometers of the site, based on information contained within the Commission's database. The site location is beyond the border areas requiring international coordination.

Human Exposure to Radiofrequency Electromagnetic Field (Environmental)

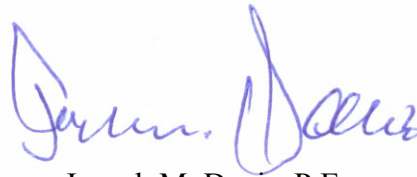
The proposed transmitting antenna will be top-mounted on an existing structure in place of an existing top-mounted antenna. The use of existing transmitting locations has been characterized as being environmentally preferable by the Commission, according to Note 1 of §1.1306 of the FCC Rules. No change in structure height is proposed. Therefore, it is believed that this application may be categorically excluded from environmental processing pursuant to §1.1306 of the Commission's rules.

The proposed operation was evaluated for human exposure to RF energy using the procedures outlined in the Commission's OET Bulletin Number 65. Based on OET-65 equation (10), and considering 10 percent antenna relative field in downward elevations, the calculated signal density near the tower at two meters above ground level attributable to the proposed facility is $1.9 \mu\text{W}/\text{cm}^2$, which is 0.6 percent of the general population/uncontrolled maximum permitted exposure limit. This is well below the five percent threshold limit described in §1.1307(b) regarding sites with multiple emitters, categorically excluding the applicant from responsibility for taking any corrective action in the areas where the proposal's contribution is less than five percent.

The general public will not be exposed to RF levels attributable to the proposal in excess of the FCC's guidelines. RF exposure warning signs will continue to be posted. With respect to worker safety, the applicant will coordinate exposure procedures with all pertinent stations and will reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from RF electromagnetic field exposure in excess of FCC guidelines.

Certification

The undersigned hereby certifies that the foregoing statement and associated attachments were prepared by him or under his direction, and that they are true and correct to the best of his knowledge and belief.



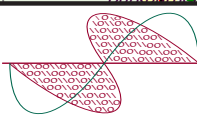
Joseph M. Davis, P.E.
May 17, 2010

Chesapeake RF Consultants, LLC
11993 Kahns Road
Manassas, VA 20112
703-650-9600

List of Attachments

Figure 1	Proposed Coverage Contours
Figure 2	Coverage Contour Comparison
Table 1	OET Bulletin 69 Interference Study
Form 301	Saved Version of Engineering Sections from FCC Form at Time of Upload

This material was entered May 17, 2010 for filing electronically. Since the FCC's electronic filing system may be accessed by anyone with the applicant's account number and password, and electronic data may otherwise be altered in an unauthorized fashion, we cannot be responsible for changes made subsequent to our entry of this data and related attachments.



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Radiofrequency Consulting Engineers
Digital Television and Radio

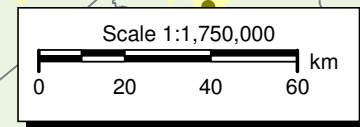
Figure 1
Proposed Coverage Contours
KTVT(DT) Fort Worth, TX
Facility ID 23422
Ch. 19 1000 kW 534 m

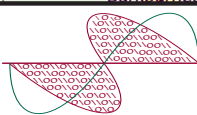
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CBS Stations Group of Texas L.P.

May, 2010

Proposed KTVT(DT)
DTV City Grade (48 dBμ)
DTV Service (41 dBμ)

Proposed Digital Coverage	Population (2000 Census)	Area (sq. km)
Within Standard DTV Service Contour	5,590,023	42,856.6
OET Bulletin 69 method		
Within noise limited contour	5,652,477	45,689.1
Not affected by terrain losses	5,651,445	45,429.2
Lost to all interference	90,274	1,009.4
Net DTV Service	5,561,171	44,419.8





Chesapeake RF Consultants, LLC
Radiofrequency Consulting Engineers
Digital Television and Radio

Figure 2
Coverage Contour Comparison
KTVT(DT) Fort Worth, TX
Facility ID 23422
Ch. 19 1000 kW 534 m

prepared for
CBS Stations Group of Texas L.P.

May, 2010

WFAA(DT) Ch. 8 Dallas, TX
BLCDT-20080617ADW
36 dBμ Contour
Area: 45,906 sq. km

Proposed KTVT(DT)
Ch. 19 1000 kW 534 m
41 dBμ Contour
Area: 42,857 sq. km

KTVT(DT) STA
BDSTA-20090716ADK
Ch. 19 750 kW 500 m
41 dBμ Contour

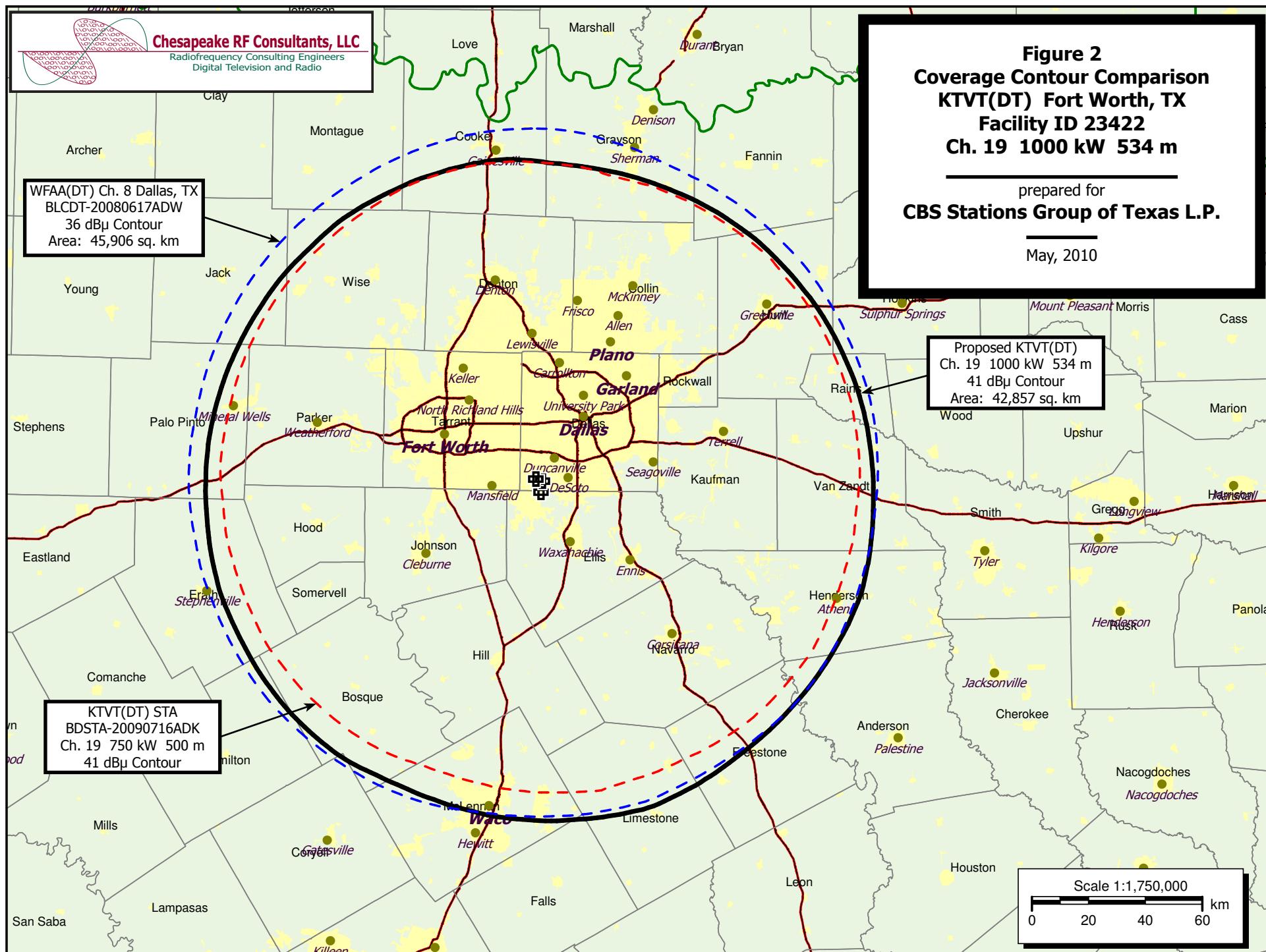
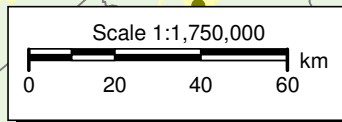


Table 1 KTVT OET Bulletin 69 Interference Study

(worst-case scenarios shown page 1 of 12)

Cell Size = 1 km

TW Census data selected 2000
Post Transition Data Base Selected /space/software/cdbs/pt_tvdb.sff

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 05-13-2010 Time: 10:41:53

Record Selected for Analysis

KTVT USERRECORD-01 FORT WORTH TX US
Channel 19 ERP 1000. kW HAAT 534. m RCAMSL 00737 m
Latitude 032-32-36 Longitude 0096-57-32
Status APP Zone 2 Border
Last update Cutoff date Docket
Comments
Applicant

Cell Size for Service Analysis 1.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Facility does not meet maximum height/power limits
Channel 19 ERP = 1000.00 HAAT = 534.

Azimuth (Deg)	ERP (kW)	HAAT (m)	41.0 dBu F(50,90) (km)
0.0	1000.000	522.3	116.0
45.0	1000.000	529.2	116.4
90.0	1000.000	535.6	116.8
135.0	1000.000	521.9	116.0
180.0	1000.000	514.4	115.5
225.0	1000.000	538.2	117.0
270.0	1000.000	550.7	117.8
315.0	1000.000	556.1	118.1

Evaluation toward Class A Stations

No Spacing violations or contour overlap to Class A stations

Class A Evaluation Complete

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quiet zone

Proposed facility OK toward Table Mountain

Proposed facility is beyond the Canadian coordination distance

Proposed facility is beyond the Mexican coordination distance

Table 1 KTVT OET Bulletin 69 Interference Study

(worst-case scenarios shown page 2 of 12)

Cell Size = 1 km

Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
19	KTVT	FORT WORTH TX	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
18	KYTX	NACOGDOCHES TX	189.9	PLN	DTVPLN	-DTVP0641
18	KYTX	NACOGDOCHES TX	189.9	LIC	BLCDT	-20070810AAO
19	KUOT-CA	OKLAHOMA CITY OK	317.5	CP	BPTTA	-20060111ACN
19	KUOT-CA	OKLAHOMA CITY OK	317.5	CP	BDFCDTA	-20090812ACU
19	KUOT-CA	OKLAHOMA CITY OK	317.5	LIC	BLTTA	-20040811ADD
19	KTXH	HOUSTON TX	358.9	CP	BPCDT	-20080619AAW
19	KTXH	HOUSTON TX	358.9	PLN	DTVPLN	-DTVP0683
19	KTXH	HOUSTON TX	358.9	LIC	BLCDT	-20020514AAE
19	KIDY	SAN ANGELO TX	351.5	PLN	DTVPLN	-DTVP0685
19	KIDY	SAN ANGELO TX	351.5	CP	BPCDT	-19991029AFV
20	KWBU-TV	WACO TX	140.6	PLN	DTVPLN	-DTVP0725
20	KWBU-TV	WACO TX	140.6	LIC	BLEDT	-20060622AAS

Analysis of Interference to Affected Station 1

Analysis of current record
Channel 18 KYTX NACOGDOCHES TX Application Ref. No.
DTVPLN -DTVP0641

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
17	KSLA	SHREVEPORT LA	137.9	LIC	BLCDT	-20020501AAS
17	KSLA-TV	SHREVEPORT LA	137.9	PLN	DTVPLN	-DTVP0585
17	KSLA	SHREVEPORT LA	137.9	CP	BPCDT	-20080620ALI
18	WMAU-TV	BUDE MS	414.3	PLN	DTVPLN	-DTVP0629
18	WMAU-TV	BUDE MS	414.3	LIC	BLEDT	-20090327ABW
18	KNIC-TV	BLANCO TX	409.1	PLN	DTVPLN	-DTVP0637
18	KNIC-DT	BLANCO TX	409.1	CP	BPCDT	-20080402ADA
19	KTVT	FORT WORTH TX	190.9	PLN	DTVPLN	-DTVP0682
19	KTVT-DR	FORT WORTH TX	190.9	APP	BPRM	-20090720ACZ
19	KTXA-DR	FORT WORTH TX	190.9	APP	BPRM	-20080620AHA
19	KTVT	FORT WORTH TX	189.9	APP	USERRECORD-01	

Total scenarios = 15

Result key: 12
Scenario 12 Affected station 1
Before Analysis

Results for: 18A TX NACOGDOCHES DTVPLN DTVP0641 PLN
HAAT 457.0 m, ATV ERP 640.0 kW
POPULATION AREA (sq km)
within Noise Limited Contour 906082 38697.0
not affected by terrain losses 904813 38576.9

Table 1 KTVT OET Bulletin 69 Interference Study
(worst-case scenarios shown page 3 of 12)

Cell Size = 1 km

lost to NTSC IX	0	0.0
lost to additional IX by ATV	26401	1049.9
lost to ATV IX only	26401	1049.9
lost to all IX	26401	1049.9

Potential Interfering Stations Included in above Scenario 12

17A LA SHREVEPORT	BPCDT	20080620ALI	CP
19A TX FORT WORTH	BPRM	20090720ACZ	APP
19A TX FORT WORTH	BPRM	20080620AHA	APP
19A TX FORT WORTH	DTVPLN	DTVP0682	PLN

After Analysis

Results for: 18A TX NACOGDOCHES	DTVPLN	DTVP0641	PLN
HAAT 457.0 m, ATV ERP 640.0 kW			

POPULATION	AREA (sq km)
within Noise Limited Contour	906082 38697.0
not affected by terrain losses	904813 38576.9
lost to NTSC IX	0 0.0
lost to additional IX by ATV	30155 1180.8
lost to ATV IX only	30155 1180.8
lost to all IX	30155 1180.8

Potential Interfering Stations Included in above Scenario 12

17A LA SHREVEPORT	BPCDT	20080620ALI	CP
19A TX FORT WORTH	BPRM	20090720ACZ	APP
19A TX FORT WORTH	BPRM	20080620AHA	APP
19A TX FORT WORTH	USERRECORD01		APP

Percent new IX = 0.4274%

Worst case new IX 0.4274% Scenario 12

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Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application Ref. No.
18	KYTX	NACOGDOCHES TX	BLCDDT -20070810AAO

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
17	KSLA	SHREVEPORT LA	137.9	LIC	BLCDDT -20020501AAS
17	KSLA-TV	SHREVEPORT LA	137.9	PLN	DTVPLN -DTVP0585
17	KSLA	SHREVEPORT LA	137.9	CP	BPCDDT -20080620ALI
18	WMAU-TV	BUDE MS	414.3	PLN	DTVPLN -DTVP0629
18	WMAU-TV	BUDE MS	414.3	LIC	BLEDT -20090327ABW
18	KNIC-TV	BLANCO TX	409.1	PLN	DTVPLN -DTVP0637
18	KNIC-DT	BLANCO TX	409.1	CP	BPCDDT -20080402ADA
19	KTVT	FORT WORTH TX	190.9	PLN	DTVPLN -DTVP0682
19	KTVT-DR	FORT WORTH TX	190.9	APP	BPRM -20090720ACZ
19	KTXA-DR	FORT WORTH TX	190.9	APP	BPRM -20080620AHA
19	KTVT	FORT WORTH TX	189.9	APP	USERRECORD-01

Proposal causes no interference

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Table 1 KTVT OET Bulletin 69 Interference Study
(worst-case scenarios shown page 4 of 12)

Cell Size = 1 km

Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application Ref. No.
19	KUOT-CA	OKLAHOMA CITY OK	BPTTA -20060111ACN

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
15	KTBO-TV	OKLAHOMA CITY OK	23.1	PLN	DTVPLN -DTVP0528
15	KTBO-TV	OKLAHOMA CITY OK	23.1	LIC	BLCDDT -20050415AAC
15	KTBO-TV	OKLAHOMA CITY OK	23.1	CP	BPCDDT -20080619ACZ
19	KWCH-DR	HUTCHINSON KS	300.3	APP	BPRM -20090624AEU
19	KWCH-TV	HUTCHINSON KS	300.3	PLN	DTVPLN -DTVP0664
19	KWCH-DT	HUTCHINSON KS	300.3	LIC	BLCDDT -20050621AAR
19	KWCH-DT	HUTCHINSON KS	300.3	CP	BPCDDT -20090910ABG
19	KOKG-LP	STILLWATER OK	93.8	LIC	BLTTL -19930706JK
19	KTVT	FORT WORTH TX	313.7	PLN	DTVPLN -DTVP0682
19	KTVT-DR	FORT WORTH TX	313.7	APP	BPRM -20090720ACZ
19	KTXA-DR	FORT WORTH TX	313.7	APP	BPRM -20080620AHA
26	KTEN	ADA OK	139.2	PLN	DTVPLN -DTVP0955
26	KTEN	ADA OK	139.2	CP	BPCDDT -19991007AAW
27	KFOR-TV	OKLAHOMA CITY OK	25.5	LIC	BLCDDT -20050701ABR
27	KFOR-TV	OKLAHOMA CITY OK	25.5	PLN	DTVPLN -DTVP0998
33	KOCB	OKLAHOMA CITY OK	20.2	PLN	DTVPLN -DTVP1217
33	KOCB	OKLAHOMA CITY OK	20.2	LIC	BLCDDT -20060615AAL
19	KTVT	FORT WORTH TX	317.5	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application Ref. No.
19	KUOT-CA	OKLAHOMA CITY OK	BDFCDA -20090812ACU

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
19	KWCH-DR	HUTCHINSON KS	300.3	APP	BPRM -20090624AEU
19	KWCH-TV	HUTCHINSON KS	300.3	PLN	DTVPLN -DTVP0664
19	KWCH-DT	HUTCHINSON KS	300.3	LIC	BLCDDT -20050621AAR
19	KWCH-DT	HUTCHINSON KS	300.3	CP	BPCDDT -20090910ABG
19	KAMR-TV	AMARILLO TX	395.3	CP MOD	BMPCDDT -20070125ABO
19	KAMR-TV	AMARILLO TX	395.3	PLN	DTVPLN -DTVP0681
19	KTVT	FORT WORTH TX	313.7	PLN	DTVPLN -DTVP0682
19	KTVT-DR	FORT WORTH TX	313.7	APP	BPRM -20090720ACZ
19	KTXA-DR	FORT WORTH TX	313.7	APP	BPRM -20080620AHA
20	KQCW-DT	MUSKOGEE OK	155.8	LIC	BLCDDT -20090227ACN
20	KQCW	MUSKOGEE OK	155.8	PLN	DTVPLN -DTVP0722
20	KQCW-DT	MUSKOGEE OK	176.7	CP MOD	BMPCDDT -20080620AMN
19	KTVT	FORT WORTH TX	317.5	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 5

Table 1 KTVT OET Bulletin 69 Interference Study
(worst-case scenarios shown page 5 of 12)

Cell Size = 1 km

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
19	KUOT-CA	OKLAHOMA CITY OK	BLTTA	-20040811ADD

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
15	KTBO-TV	OKLAHOMA CITY OK	23.1	PLN	DTVPLN	-DTV0528
15	KTBO-TV	OKLAHOMA CITY OK	23.1	LIC	BLCDT	-20050415AAC
15	KTBO-TV	OKLAHOMA CITY OK	23.1	CP	BPCDT	-20080619ACZ
19	KWCH-DR	HUTCHINSON KS	300.3	APP	BPRM	-20090624AEU
19	KWCH-TV	HUTCHINSON KS	300.3	PLN	DTVPLN	-DTV0664
19	KWCH-DT	HUTCHINSON KS	300.3	LIC	BLCDT	-20050621AAR
19	KWCH-DT	HUTCHINSON KS	300.3	CP	BPCDT	-20090910ABG
19	KTVT	FORT WORTH TX	313.7	PLN	DTVPLN	-DTV0682
19	KTVT-DR	FORT WORTH TX	313.7	APP	BPRM	-20090720ACZ
19	KTXA-DR	FORT WORTH TX	313.7	APP	BPRM	-20080620AHA
26	KTEN	ADA OK	139.2	PLN	DTVPLN	-DTV0955
26	KTEN	ADA OK	139.2	CP	BPCDT	-19991007AAW
27	KFOR-TV	OKLAHOMA CITY OK	25.5	LIC	BLCDT	-20050701ABR
27	KFOR-TV	OKLAHOMA CITY OK	25.5	PLN	DTVPLN	-DTV0998
33	KOCB	OKLAHOMA CITY OK	20.2	PLN	DTVPLN	-DTV1217
33	KOCB	OKLAHOMA CITY OK	20.2	LIC	BLCDT	-20060615AAL
19	KTVT	FORT WORTH TX	317.5	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
19	KTXH	HOUSTON TX	BPCDT	-20080619AAW

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
19	KTVT	FORT WORTH TX	362.3	PLN	DTVPLN	-DTV0682
19	KTVT-DR	FORT WORTH TX	362.3	APP	BPRM	-20090720ACZ
19	KTXA-DR	FORT WORTH TX	362.3	APP	BPRM	-20080620AHA
19	KTVT	FORT WORTH TX	358.9	APP	USERRECORD-01	

Total scenarios = 4

Result key: 17

Scenario 2 Affected station 6
Before Analysis

Results for: 19A TX HOUSTON	BPCDT	20080619AAW	CP
HAAT 596.0 m, ATV ERP 1000.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	4856196	41797.8	
not affected by terrain losses	4855130	41724.2	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	1369	188.3	
lost to ATV IX only	1369	188.3	
lost to all IX	1369	188.3	

Potential Interfering Stations Included in above Scenario 2

Table 1 KTVT OET Bulletin 69 Interference Study
(worst-case scenarios shown page 6 of 12)

Cell Size = 1 km

19A TX FORT WORTH	BPRM	20090720ACZ	APP
19A TX FORT WORTH	BPRM	20080620AHA	APP
19A TX FORT WORTH	DTVPLN	DTV0682	PLN

After Analysis

Results for: 19A TX HOUSTON	BPCDT	20080619AAW	CP
HAAT 596.0 m, ATV ERP 1000.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	4856196	41797.8	
not affected by terrain losses	4855130	41724.2	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	2129	229.5	
lost to ATV IX only	2129	229.5	
lost to all IX	2129	229.5	

Potential Interfering Stations Included in above Scenario 2

19A TX FORT WORTH	BPRM	20090720ACZ	APP
19A TX FORT WORTH	BPRM	20080620AHA	APP
19A TX FORT WORTH	USERRECORD01		APP

Percent new IX = 0.0157%

Worst case new IX 0.0157% Scenario 2

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Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
19	KTXH	HOUSTON TX	DTVPLN	-DTV0683

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
19	KTVT	FORT WORTH TX	362.3	PLN	DTVPLN	-DTV0682
19	KTVT-DR	FORT WORTH TX	362.3	APP	BPRM	-20090720ACZ
19	KTXA-DR	FORT WORTH TX	362.3	APP	BPRM	-20080620AHA
19	KTVT	FORT WORTH TX	358.9	APP	USERRECORD-01	

Total scenarios = 4

Result key: 21

Scenario 2 Affected station 7
Before Analysis

Results for: 19A TX HOUSTON	DTVPLN	DTV0683	PLN
HAAT 596.0 m, ATV ERP 421.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	4828511	36308.0	
not affected by terrain losses	4828254	36274.6	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	1249	93.2	
lost to ATV IX only	1249	93.2	
lost to all IX	1249	93.2	

Potential Interfering Stations Included in above Scenario 2

Table 1 KTVT OET Bulletin 69 Interference Study
(worst-case scenarios shown page 7 of 12)

Cell Size = 1 km

19A TX FORT WORTH	BPRM	20090720ACZ	APP
19A TX FORT WORTH	BPRM	20080620AHA	APP
19A TX FORT WORTH	DTVPLN	DTVP0682	PLN

After Analysis

Results for: 19A TX HOUSTON	DTVPLN	DTVP0683	PLN
HAAT 596.0 m, ATV ERP 421.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	4828511	36308.0	
not affected by terrain losses	4828254	36274.6	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	1420	114.8	
lost to ATV IX only	1420	114.8	
lost to all IX	1420	114.8	

Potential Interfering Stations Included in above Scenario 2

19A TX FORT WORTH	BPRM	20090720ACZ	APP
19A TX FORT WORTH	BPRM	20080620AHA	APP
19A TX FORT WORTH	USERRECORD01		APP

Percent new IX = 0.0035%

Worst case new IX 0.0035% Scenario 2

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Analysis of Interference to Affected Station 8

Analysis of current record			
Channel	Call	City/State	Application Ref. No.
19	KTXH	HOUSTON TX	BLCDDT -20020514AAE

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
19	KTVT	FORT WORTH TX	362.3	PLN	DTVPLN -DTVP0682
19	KTVT-DR	FORT WORTH TX	362.3	APP	BPRM -20090720ACZ
19	KTXA-DR	FORT WORTH TX	362.3	APP	BPRM -20080620AHA
19	KTVT	FORT WORTH TX	358.9	APP	USERRECORD-01

Total scenarios = 4

Result key: 25
Scenario 2 Affected station 8
Before Analysis

Results for: 19A TX HOUSTON	BLCDDT	20020514AAE	LIC
HAAT 596.0 m, ATV ERP 421.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	4828511	36308.0	
not affected by terrain losses	4828254	36274.6	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	1249	93.2	
lost to ATV IX only	1249	93.2	
lost to all IX	1249	93.2	

Potential Interfering Stations Included in above Scenario 2

19A TX FORT WORTH	BPRM	20090720ACZ	APP
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Table 1 KTVT OET Bulletin 69 Interference Study
(worst-case scenarios shown page 8 of 12)

Cell Size = 1 km

19A TX FORT WORTH	BPRM	20080620AHA	APP
19A TX FORT WORTH	DTVPLN	DTVP0682	PLN

After Analysis

Results for: 19A TX HOUSTON	BLCDDT	20020514AAE	LIC
HAAT 596.0 m, ATV ERP 421.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	4828511	36308.0	
not affected by terrain losses	4828254	36274.6	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	1420	114.8	
lost to ATV IX only	1420	114.8	
lost to all IX	1420	114.8	

Potential Interfering Stations Included in above Scenario 2

19A TX FORT WORTH	BPRM	20090720ACZ	APP
19A TX FORT WORTH	BPRM	20080620AHA	APP
19A TX FORT WORTH	USERRECORD01		APP

Percent new IX = 0.0035%

Worst case new IX 0.0035% Scenario 2

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Analysis of Interference to Affected Station 9

Analysis of current record			
Channel	Call	City/State	Application Ref. No.
19	KIDY	SAN ANGELO TX	DTVPLN -DTVP0685

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
18	KUPB	MIDLAND TX	192.7	CP	BPCDDT -19991230AAK
18	KUPB	MIDLAND TX	192.7	PLN	DTVPLN -DTVP0640
19	KOCT	CARLSBAD NM	372.1	PLN	DTVPLN -DTVP0676
19	KOCT	CARLSBAD NM	372.1	CP MOD	BMPCDDT -20080527ABX
19	KTVT	FORT WORTH TX	353.1	PLN	DTVPLN -DTVP0682
19	KTVT-DR	FORT WORTH TX	353.1	APP	BPRM -20090720ACZ
19	KTXA-DR	FORT WORTH TX	353.1	APP	BPRM -20080620AHA
20	KTXS-TV	SWEETWATER TX	99.4	CP MOD	BMPCDDT -20080619ABA
20	KTXS-TV	SWEETWATER TX	99.4	PLN	DTVPLN -DTVP0724
20	KTXS-TV	SWEETWATER TX	99.4	LIC	BLCDDT -20080815ABJ
19	KTVT	FORT WORTH TX	351.5	APP	USERRECORD-01

Total scenarios = 15

Result key: 28
Scenario 1 Affected station 9
Before Analysis

Results for: 19A TX SAN ANGELO	DTVPLN	DTVP0685	PLN
HAAT 277.0 m, ATV ERP 1000.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	133127	28441.5	
not affected by terrain losses	133056	28254.8	
lost to NTSC IX	0	0.0	

Table 1 KTVT OET Bulletin 69 Interference Study
(worst-case scenarios shown page 9 of 12)

Cell Size = 1 km

lost to additional IX by ATV	597	543.4
lost to ATV IX only	597	543.4
lost to all IX	597	543.4

Potential Interfering Stations Included in above Scenario 1

19A NM CARLSBAD	DTVPLN	DTVP0676	PLN
20A TX SWEETWATER	BMPCDT	20080619ABA	CP
19A TX FORT WORTH	DTVPLN	DTVP0682	PLN

After Analysis

Results for: 19A TX SAN ANGELO	DTVPLN	DTVP0685	PLN
HAAT 277.0 m, ATV ERP 1000.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	133127	28441.5	
not affected by terrain losses	133056	28254.8	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	604	550.3	
lost to ATV IX only	604	550.3	
lost to all IX	604	550.3	

Potential Interfering Stations Included in above Scenario 1

19A NM CARLSBAD	DTVPLN	DTVP0676	PLN
20A TX SWEETWATER	BMPCDT	20080619ABA	CP
19A TX FORT WORTH	USERRECORD01		APP

Percent new IX = 0.0053%

Worst case new IX 0.0053% Scenario 1

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Analysis of Interference to Affected Station 10

Analysis of current record				
Channel	Call	City/State	Application	Ref. No.
19	KIDY	SAN ANGELO TX	BPCDT	-19991029AFV

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
18	KUPB	MIDLAND TX	192.7	CP	BPCDT	-19991230AAK
18	KUPB	MIDLAND TX	192.7	PLN	DTVPLN	-DTVP0640
19	KOCT	CARLSBAD NM	372.1	PLN	DTVPLN	-DTVP0676
19	KOCT	CARLSBAD NM	372.1	CP MOD	BMPCDT	-20080527ABX
19	KTVT	FORT WORTH TX	353.1	PLN	DTVPLN	-DTVP0682
19	KTVT-DR	FORT WORTH TX	353.1	APP	BPRM	-20090720ACZ
19	KTXA-DR	FORT WORTH TX	353.1	APP	BPRM	-20080620AHA
20	KTXS-TV	SWEETWATER TX	99.4	CP MOD	BMPCDT	-20080619ABA
20	KTXS-TV	SWEETWATER TX	99.4	PLN	DTVPLN	-DTVP0724
20	KTXS-TV	SWEETWATER TX	99.4	LIC	BLCDT	-20080815ABJ
19	KTVT	FORT WORTH TX	351.5	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 11

Table 1 KTVT OET Bulletin 69 Interference Study
(worst-case scenarios shown page 10 of 12)

Cell Size = 1 km

Analysis of current record				
Channel	Call	City/State	Application	Ref. No.
20	KWBU-TV	WACO TX	DTVPLN	-DTVP0725

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
19	KTVT	FORT WORTH TX	144.5	PLN	DTVPLN	-DTVP0682
19	KTVT-DR	FORT WORTH TX	144.5	APP	BPRM	-20090720ACZ
19	KTXA-DR	FORT WORTH TX	144.5	APP	BPRM	-20080620AHA
20	KLTL-TV	LAKE CHARLES LA	427.0	LIC	BLEDT	-20040914ABL
20	KLTL-TV	LAKE CHARLES LA	427.0	PLN	DTVPLN	-DTVP0710
20	KLTL-TV	LAKE CHARLES LA	427.0	CP MOD	BMPCDT	-20090508ABP
20	KTXS-TV	SWEETWATER TX	287.6	CP MOD	BMPCDT	-20080619ABA
20	KTXS-TV	SWEETWATER TX	287.6	PLN	DTVPLN	-DTVP0724
20	KTXS-TV	SWEETWATER TX	287.6	LIC	BLCDT	-20080815ABJ
21	KXAN-TV	AUSTIN TX	118.9	LIC	BLCDT	-20050630AAG
21	KXAN-TV	AUSTIN TX	118.9	PLN	DTVPLN	-DTVP0767
19	KTVT	FORT WORTH TX	140.6	APP	USERRECORD-01	

Total scenarios = 30

Result key:	43
Scenario	1 Affected station 11
Before Analysis	

Results for: 20A TX WACO	DTVPLN	DTVP0725	PLN
HAAT 319.0 m, ATV ERP 700.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	688565	26155.7	
not affected by terrain losses	687803	26031.1	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	9685	764.7	
lost to ATV IX only	9685	764.7	
lost to all IX	9685	764.7	

Potential Interfering Stations Included in above Scenario 1

20A TX SWEETWATER	BMPCDT	20080619ABA	CP
21A TX AUSTIN	BLCDT	20050630AAG	LIC
19A TX FORT WORTH	DTVPLN	DTVP0682	PLN

After Analysis

Results for: 20A TX WACO	DTVPLN	DTVP0725	PLN
HAAT 319.0 m, ATV ERP 700.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	688565	26155.7	
not affected by terrain losses	687803	26031.1	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	11131	984.4	
lost to ATV IX only	11131	984.4	
lost to all IX	11131	984.4	

Potential Interfering Stations Included in above Scenario 1

20A TX SWEETWATER	BMPCDT	20080619ABA	CP
21A TX AUSTIN	BLCDT	20050630AAG	LIC
19A TX FORT WORTH	USERRECORD01		APP

Percent new IX = 0.2132%

Table 1 KTVT OET Bulletin 69 Interference Study
(worst-case scenarios shown page 11 of 12)

Cell Size = 1 km

Worst case new IX 0.2132% Scenario 1

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Analysis of Interference to Affected Station 12

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
20	KWBW-TV	WACO TX	BLEDT	-20060622AAS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
19	KTVT	FORT WORTH TX	144.5	PLN	DTVPLN	-DTVP0682
19	KTVT-DR	FORT WORTH TX	144.5	APP	BPRM	-20090720ACZ
19	KTXA-DR	FORT WORTH TX	144.5	APP	BPRM	-20080620AHA
20	KLTL-TV	LAKE CHARLES LA	427.0	LIC	BLEDT	-20040914ABL
20	KLTL-TV	LAKE CHARLES LA	427.0	PLN	DTVPLN	-DTVP0710
20	KLTL-TV	LAKE CHARLES LA	427.0	CP MOD	BMPEDT	-20090508ABP
20	KTXS-TV	SWEETWATER TX	287.6	CP MOD	BMPEDT	-20080619ABA
20	KTXS-TV	SWEETWATER TX	287.6	PLN	DTVPLN	-DTVP0724
20	KTXS-TV	SWEETWATER TX	287.6	LIC	BLCDT	-20080815ABJ
21	KXAN-TV	AUSTIN TX	118.9	LIC	BLCDT	-20050630AAG
21	KXAN-TV	AUSTIN TX	118.9	PLN	DTVPLN	-DTVP0767
19	KTVT	FORT WORTH TX	140.6	APP	USERRECORD-01	

Total scenarios = 30

Result key: 73
Scenario 1 Affected station 12
Before Analysis

Results for: 20A TX WACO BLEDT 20060622AAS LIC

	POPULATION	AREA (sq km)
HAAT 319.0 m, ATV ERP 700.0 kW		
within Noise Limited Contour	688565	26155.7
not affected by terrain losses	687803	26031.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	9685	764.7
lost to ATV IX only	9685	764.7
lost to all IX	9685	764.7

Potential Interfering Stations Included in above Scenario 1

20A TX SWEETWATER	BMPCDT	20080619ABA	CP
21A TX AUSTIN	BLCDT	20050630AAG	LIC
19A TX FORT WORTH	DTVPLN	DTVP0682	PLN

After Analysis

Results for: 20A TX WACO BLEDT 20060622AAS LIC

	POPULATION	AREA (sq km)
HAAT 319.0 m, ATV ERP 700.0 kW		
within Noise Limited Contour	688565	26155.7
not affected by terrain losses	687803	26031.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	11131	984.4
lost to ATV IX only	11131	984.4
lost to all IX	11131	984.4

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

Cell Size = 1 km

Potential Interfering Stations Included in above Scenario 1

20A TX SWEETWATER	BMPCDT	20080619ABA	CP
21A TX AUSTIN	BLCDT	20050630AAG	LIC
19A TX FORT WORTH	USERRECORD01		APP

Percent new IX = 0.2132%

Worst case new IX 0.2132% Scenario 1

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Analysis of Interference to Affected Station 13

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
19	KTVT	FORT WORTH TX	USERRECORD-01	

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
18	KYTX	NACOGDOCHES TX	189.9	PLN	DTVPLN	-DTVP0641
18	KYTX	NACOGDOCHES TX	189.9	LIC	BLCDT	-20070810AAO
19	KTXH	HOUSTON TX	358.9	CP	BPCDT	-20080619AAW
19	KTXH	HOUSTON TX	358.9	PLN	DTVPLN	-DTVP0683
19	KTXH	HOUSTON TX	358.9	LIC	BLCDT	-20020514AAE
19	KIDY	SAN ANGELO TX	351.5	PLN	DTVPLN	-DTVP0685
19	KIDY	SAN ANGELO TX	351.5	CP	BPCDT	-19991029AFV
20	KWBW-TV	WACO TX	140.6	PLN	DTVPLN	-DTVP0725
20	KWBW-TV	WACO TX	140.6	LIC	BLEDT	-20060622AAS

Total scenarios = 12

Result key: 114
Scenario 12 Affected station 13
Before Analysis

Results for: 19A TX FORT WORTH USERRECORD01 APP

	POPULATION	AREA (sq km)
HAAT 534.0 m, ATV ERP 1000.0 kW		
within Noise Limited Contour	5652477	45689.1
not affected by terrain losses	5651445	45429.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	90274	1009.4
lost to ATV IX only	90274	1009.4
lost to all IX	90274	1009.4

Potential Interfering Stations Included in above Scenario 12

18A TX NACOGDOCHES	DTVPLN	DTVP0641	PLN
19A TX HOUSTON	BLCDT	20020514AAE	LIC
19A TX SAN ANGELO	BPCDT	19991029AFV	CP
20A TX WACO	BLEDT	20060622AAS	LIC

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FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED

SECTION III-D - DTV Engineering	
Complete Questions 1-5, and provide all data and information for the proposed facility, as requested in Technical Specifications, Items 1-13.	
<p>Pre-Transition Certification Checklist: An application concerning a pre-transition channel must complete questions 1(a)-(c), and 2-5. A correct answer of "Yes" to all of the questions will ensure an expeditious grant of a construction permit application to change pre-transition facilities. However, if the proposed facility is located within the Canadian or Mexican borders, coordination of the proposal under the appropriate treaties may be required prior to grant of the application. An answer of "No" will require additional evaluation of the applicable information in this form before a construction permit can be granted.</p> <p>Post-Transition Expedited Processing. An application concerning a post-transition channel must complete questions 1(a), (d)-(e), and 2-5. A station applying for a construction permit to build its post-transition channel will receive expedited processing if its application (1) does not seek to expand the noise-limited service contour in any direction beyond that established by Appendix B of the Seventh Report and Order in MB Docket No. 87-268 establishing the new DTV Table of Allotments in 47 C.F.R. § 73.622(i) ("new DTV Table Appendix B"); (2) specifies facilities that match or closely approximate those defined in the new DTV Table Appendix B facilities; and (3) is filed within 45 days of the effective date of Section 73.616 of the rules adopted in the Report and Order in the Third DTV Periodic Review proceeding, MB Docket No. 07-91.</p>	
1. The proposed DTV facility complies with 47 C.F.R. Section 73.622 in the following respects:	
(a) It will operate on the DTV channel for this station as established in 47 C.F.R. Section 73.622.	<input checked="" type="radio"/> Yes <input type="radio"/> No
(b) It will operate a pre-transition facility from a transmitting antenna located within 5.0 km (3.1 miles) of the DTV reference site for this station as established in 47 C.F.R. Section 73.622.	<input type="radio"/> Yes <input type="radio"/> No
(c) It will operate a pre-transition facility with an effective radiated power (ERP) and antenna height above average terrain (HAAT) that do not exceed the DTV reference ERP and HAAT for this station as established in 47 C.F.R. Section 73.622.	<input type="radio"/> Yes <input type="radio"/> No
(d) It will operate at post-transition facilities that do not expand the noise-limited service contour in any direction beyond that established by Appendix B of the Seventh Report and Order in MB Docket No. 87-268 establishing the new DTV Table of Allotments in 47 C.F.R. § 73.622(i) ("new DTV Table Appendix B").	<input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> N/A
(e) It will operate at post-transition facilities that match or reduce by no more than five percent with respect to predicted population from those defined in the new DTV Table Appendix B.	<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A
2. The proposed facility will not have a significant environmental impact, including exposure of workers or the general public to levels of RF radiation exceeding the applicable health and safety guidelines, and therefore will not come within 47 C.F.R. Section 1.1307. Applicant must submit the Exhibit called for in Item 13.	<input checked="" type="radio"/> Yes <input type="radio"/> No
3. Pursuant to 47 C.F.R. Section 73.625, the DTV coverage contour of the proposed facility will encompass the allotted principal community.	<input checked="" type="radio"/> Yes <input type="radio"/> No
4. The requirements of 47 C.F.R. Section 73.1030 regarding notification to radio astronomy installations, radio receiving installations and FCC monitoring stations have either been satisfied or are not applicable.	<input checked="" type="radio"/> Yes <input type="radio"/> No
5. The antenna structure to be used by this facility has been registered by the Commission and will not require registration to support the proposed antenna, OR the FAA has previously determined that the proposed structure will not adversely effect safety in air navigation and this structure qualifies for later registration under the Commission's phased registration plan, OR the proposed installation on this structure does not require notification to the FAA pursuant to 47 C.F.R. Section 17.7.	<input checked="" type="radio"/> Yes <input type="radio"/> No

SECTION III-D - DTV Engineering	
TECHNICAL SPECIFICATIONS	
Ensure that the specifications below are accurate. Contradicting data found elsewhere in this application will be disregarded. All items must be completed. The response "on file" is not acceptable.	
TECH BOX	
1.	Channel Number: DTV 19 Analog TV, if any
2.	Zone: <input type="radio"/> I <input checked="" type="radio"/> II <input type="radio"/> III
3.	Antenna Location Coordinates: (NAD 27) Latitude: Degrees 32 Minutes 32 Seconds 36 <input checked="" type="radio"/> North <input type="radio"/> South Longitude: Degrees 96 Minutes 57 Seconds 32 <input checked="" type="radio"/> West <input type="radio"/> East
4.	Antenna Structure Registration Number: 1059733 <input type="checkbox"/> Not Applicable <input type="checkbox"/> Notification filed with FAA
5.	Antenna Location Site Elevation Above Mean Sea Level: 248.1 meters
6.	Overall Tower Height Above Ground Level: 498.4 meters
7.	Height of Radiation Center Above Ground Level: 488.9 meters
8.	Height of Radiation Center Above Average Terrain : 533.9 meters
9.	Maximum Effective Radiated Power (average power): 1000 kW

10.	Antenna Specifications:	
	a. Manufacturer DIE Model TUM30-O4-14/56H-2-R-T	
	b. Electrical Beam Tilt: 0.8 degrees <input type="checkbox"/> Not Applicable	
	c. Mechanical Beam Tilt: degrees toward azimuth degrees True <input checked="" type="checkbox"/> Not Applicable Attach as an Exhibit all data specified in 47 C.F.R. Section 73.625(c). [Exhibit 43]	
	d. Polarization: <input type="radio"/> Horizontal <input type="radio"/> Circular <input checked="" type="radio"/> Elliptical	
	e. Directional Antenna Relative Field Values: <input checked="" type="checkbox"/> Not applicable (Nondirectional)	
	[For a composite directional (not off-the-shelf) antenna, press the following button to fill in the relative field values subform.] [Relative Field Values]	
	If a directional antenna is proposed, the requirements of 47 C.F.R. Sections 73.625(c) must be satisfied. Exhibit required. [Exhibit 44]	
11.	Does the proposed facility satisfy the pre-transition interference protection provisions of 47 C.F.R. Section 73.623(a) (Applicable only if Certification Checklist Items 1(a), (b), or (c) are answered "No.") and/or the post-transition interference protection provisions of 47 C.F.R. Section 73.616? If "No," attach as an Exhibit justification therefor, including a summary of any related previously granted waivers.	<input checked="" type="radio"/> Yes <input type="radio"/> No [Exhibit 45]
12.	If the proposed facility will not satisfy the coverage requirement of 47 C.F.R. Section 73.625, attach as an Exhibit justification therefore. (Applicable only if Certification Checklist item 3 is answered "No.")	[Exhibit 46]
13.	Environmental Protection Act. Submit in an Exhibit the following: If Certification Checklist Item 2 is answered "Yes," a brief explanation of why an Environmental Assessment is not required. Also describe in the Exhibit the steps that will be taken to limit RF radiation exposure to the public and to persons authorized access to the tower site. By checking "Yes" to Certification Checklist Item 2, the applicant also certifies that it, in coordination with other users of the site, will reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic exposure in excess of FCC guidelines. If Certification Checklist Item 2 is answered "No," an Environmental Assessment as required by 47 C.F.R Section 1.1311.	[Exhibit 47]
PREPARERS CERTIFICATION ON SECTION III MUST BE COMPLETED AND SIGNED.		

SECTION III - PREPARER'S CERTIFICATION

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 JOSEPH M. DAVIS, P.E.	Relationship to Applicant (e.g., Consulting Engineer) CONSULTING ENGINEER	
Signature	Date 5/17/2010	
Mailing Address CHESAPEAKE RF CONSULTANTS, LLC 11993 KAHNS ROAD		
City MANASSAS	State or Country (if foreign address) VA	Zip Code 20112 -
Telephone Number (include area code) 7036509600	E-Mail Address (if available) JOSEPH.DAVIS@RF-CONSULTANTS.COM	