

FIGURE 2—OET-69 STUDY FOR KHFW-LP, DENISON, TX (CH 29D)

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 03-04-2009 Time: 15:00:44

Record Selected for Analysis

KHFW-LP USERRECORD-01 DENISON TX US
Channel 29 ERP 12. kW HAAT 607. m RCAMSL 00825 m STRINGENT MASK
Latitude 033-32-08 Longitude 0096-49-54
Status APP Zone 2 Border
Last update Cutoff date Docket
Comments
Applicant

Census data selected: 1990

Cell Size for Service Analysis 1.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Not full service station

Facility meets maximum power limit

Azimuth (Deg)	ERP (kW)	HAAT (m)	51.0 dBu F(50,90) (km)
0.0	12.000	605.0	66.0
45.0	12.000	598.4	65.9
90.0	12.000	591.4	65.7
135.0	12.000	603.3	66.0
180.0	12.000	622.6	66.5
225.0	12.000	621.0	66.5
270.0	12.000	613.7	66.3
315.0	12.000	601.4	65.9

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

Proposed station is OK toward AM broadcast stations

FIGURE 2—OET-69 STUDY FOR KHFW-LP, DENISON, TX (CH 29D)

Start of Interference Analysis

Proposed Station			
Channel	Call	City/State	ARN
29	KHFW-LP	DENISON TX	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
15	K15AA	HUGO OK	132.4	LIC	BLTT	-19900215JC
21	KTXA	FORT WORTH TX	105.9	LIC	BLCT	-19801231KF
22	KNAV-LP	DE SOTO TX	106.0	LIC	BLTTTL	-20050915ABM
25	K25FW	CORSICANA TX	106.0	LIC	BLTTTL	-20000320AAR
25	K57GF	GARLAND TX	71.8	APP	BPTTL	-20020816AAR
26	KODF-LP	BRITTON TX	106.0	LIC	BLTTTL	-20070829AAF
27	KDFI	DALLAS TX	110.9	LIC	BLCT	-20010720ACB
27	K27GR	PARIS TX	119.3	LIC	BLTTTL	-20040617AAS
28	K28AC	ARDMORE OK	76.2	LIC	BLTT	-19820405IK
28	K28AC	ARDMORE OK	76.2	CP	BDFCDTA	-20060630AHS
28	K28DJ	BROKEN BOW OK	196.4	LIC	BLTTTL	-19900731IM
28	KHPK-LP	DE SOTO TX	106.0	LIC	BLTTTL	-20070829AAG
28	NEW	SHERMAN TX	27.9	APP	BSFDTL	-20060630ARW
28	KFDX-TV	WICHITA FALLS TX	164.4	CP MOD	BMPCDT	-20070621ABP
29	K29DC	EL DORADO AR	384.2	LIC	BLTTTL	-20001213ACL
29	KHOG-TV	FAYETTEVILLE AR	372.8	LIC	BLCT	-19980109KF
29	KSJA-CA	NASHVILLE AR	281.8	CP	BDISTTA	-20080805ABF
29	KSJA-CA	NASHVILLE AR	281.8	APP	BDISTTA	-20070108ABP
29	KSJA-CA	NASHVILLE AR	281.8	APP	BSTA	-20070109AAP
29	K29EI	ELK CITY, ETC. OK	301.5	LIC	BLTT	-20031211ABL
29	KTUZ-TV	SHAWNEE OK	232.8	CP MOD	BMPCDT	-20060707AFM
29	K29HY-D	STRONG CITY OK	354.7	CP	BDCCDTT	-20061030ADJ
29	KTZT-CA	TULSA OK	300.6	LIC	BLTTTL	-19991126AAQ
29	K29HZ-D	WOODWARD, ETC. OK	403.6	CP	BDCCDTT	-20061024AAI
29	KRBC-TV	ABILENE TX	293.5	LIC	BLCDT	-20070831AAK
29	K29HW-D	AUSTIN TX	371.2	CP	BDCCDTL	-20061027AAH
29	KMPX	DECATUR TX	106.0	LIC	BLCT	-20050707ABJ
29	NEW	PLANO TX	74.3	ADD	BPRM	-19960725AAS
29	K29FR	QUANAH TX	278.2	LIC	BLTT	-20051129AEF
29	K29BH	WELLINGTON, ETC. TX	338.1	LIC	BLTT	-19880623ID
30	KMPX	DECATUR TX	106.0	LIC	BLCDT	-20060317AGE
30	KHFW-LP	DENISON TX	46.8	LIC	BLTTTL	-20080813AAS
30	K30DJ	WICHITA FALLS TX	163.2	LIC	BLTTTL	-19931112IW
31	KGSW-LP	KEENE TX	134.0	LIC	BLTTTL	-20050819ACA
33	KDAF	DALLAS TX	111.0	LIC	BLCT	-20000821ACP
33	KDAF	DALLAS TX	111.0	APP	BSTA	-20090219ABG

[illegible]

Analysis of Interference to Affected Station 1

Analysis of current record					
Channel	Call		City/State	Application	Ref. No.
15	K15AA	HUGO	OK	BLTT	-19900215JC

FIGURE 2—OET-69 STUDY FOR KHFW-LP, DENISON, TX (CH 29D)

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
15	K15FW	BATESVILLE AR	403.4	CP	BDFCDTT	-20060315AFC
15	KHOG-TV	FAYETTEVILLE AR	259.4	LIC	BLCDDT	-20020904AAX
15	KHOG-DT	FAYETTEVILLE AR	259.4	PLN	DTVPLN	-DTVP0158
15	KDNT-LD	ARDMORE OK	118.9	CP	BDCCDTL	-20061023AFM
15	KDOR-DT	BARTLESVILLE OK	281.1	PLN	DTVPLN	-DTVP0185
15	KTBO-DT	OKLAHOMA CITY OK	251.6	PLN	DTVPLN	-DTVP0186
15	KTBO-TV	OKLAHOMA CITY OK	251.8	LIC	BLCDDT	-20050415AAC
15	KAMU-TV	COLLEGE STATION TX	382.2	LIC	BLET	-329
15	KTAL-DT	TEXARKANA TX	184.9	PLN	DTVPLN	-DTVP0197
15	KJTL	WICHITA FALLS TX	297.2	CP MOD	BMPCDDT	-20070404ACI
15	KJTL-DT	WICHITA FALLS TX	297.2	PLN	DTVPLN	-DTVP0199
16	K25GJ	MUSKOGEE OK	189.9	CP	BDISDDT	-20060330ACC
29	KHFW-LP	DENISON TX	132.4	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 2

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
21	KTXA	FORT WORTH TX	DTVPLN	-NPLN1127

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	KERA-DT	DALLAS TX	1.9	PLN	DTVPLN	-DTVP0149
18	KTXA-DT	FORT WORTH TX	0.0	PLN	DTVPLN	-DTVP0329
19	KTVT-DT	FORT WORTH TX	1.9	PLN	DTVPLN	-DTVP0372
20	KXII-DT	SHERMAN TX	161.2	PLN	DTVPLN	-DTVP0419
20	KCTF-DT	WACO TX	121.6	PLN	DTVPLN	-DTVP0421
21	KHBS-DT	FORT SMITH AR	347.5	PLN	DTVPLN	-DTVP0427
21	NEW	MINDEN LA	340.5	PLN	DTVPLN	-NPLN1110
21	KXAN-DT	AUSTIN TX	263.6	PLN	DTVPLN	-DTVP0459
21	KFDM-DT	BEAUMONT TX	393.3	PLN	DTVPLN	-DTVP0460
21	NEW	SAN ANGELO TX	352.0	PLN	DTVPLN	-NPLN1128
22	KETK-DT	JACKSONVILLE TX	166.2	PLN	DTVPLN	-DTVP0506
22	KAUZ-DT	WICHITA FALLS TX	206.3	PLN	DTVPLN	-DTVP0508
23	KUVN	GARLAND TX	43.5	PLN	DTVPLN	-NPLN1193
24	KUVN-DT	GARLAND TX	43.5	PLN	DTVPLN	-DTVP0586
29	KMPX	DECATUR TX	31.6	PLN	DTVPLN	-NPLN1367
35	KDFW-DT	DALLAS TX	0.9	PLN	DTVPLN	-DTVP0994
36	KDFI-DT	DALLAS TX	0.0	PLN	DTVPLN	-DTVP1035

Results for: 21N TX FORT WORTH	DTVPLN	NPLN1127	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	4061980	28100.8	
not affected by terrain losses	4058767	27771.1	
lost to NTSC IX	2929	43.9	
lost to additional IX by ATV	3052	312.2	

FIGURE 2—OET-69 STUDY FOR KHFW-LP, DENISON, TX (CH 29D)

lost to all IX 5981 356.1

Analysis of current record

Channel	Call	City/State	Application Ref. No.
21	KTXA	FORT WORTH TX	BLCT -19801231KF

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
14	KERA-TV	DALLAS TX	1.9	LIC	BLEDT -20031103ACR
14	KERA-DT	DALLAS TX	1.9	PLN	DTVPLN -DTVP0149
14	960920LQ	TYLER TX	166.2	APP	BPCT -19960920LQ
18	KTXA	FORT WORTH TX	5.3	LIC	BLCDDT -20001130ACY
18	KTXA-DT	FORT WORTH TX	0.0	PLN	DTVPLN -DTVP0329
19	KTVT	FORT WORTH TX	1.9	LIC	BLCDDT -20050628ABA
19	KTVT-DT	FORT WORTH TX	1.9	PLN	DTVPLN -DTVP0372
20	960920YP	SHERMAN TX	107.9	APP	BPCT -19960920YP
20	KXII-DT	SHERMAN TX	161.2	PLN	DTVPLN -DTVP0419
20	KWBU-TV	WACO TX	145.3	LIC	BLEDT -20060622AAS
20	KCTF-DT	WACO TX	121.6	PLN	DTVPLN -DTVP0421
21	KHBS-DT	FORT SMITH AR	347.5	PLN	DTVPLN -DTVP0427
21	KHBS	FORT SMITH AR	347.5	LIC	BLCDDT -20031121AMR
21	KPXJ	MINDEN LA	284.4	LIC	BLCDDT -20050930AAL
21	NEW	ENID OK	382.8	ADD	BPRM -20000717ACK
21	KXAN-TV	AUSTIN TX	263.6	LIC	BLCDDT -20050630AAG
21	KXAN-DT	AUSTIN TX	263.6	PLN	DTVPLN -DTVP0459
21	KFDM-DT	BEAUMONT TX	393.3	PLN	DTVPLN -DTVP0460
21	960724LH	BEAUMONT TX	395.6	APP	BPCT -19960724LH
21	960726KI	SAN ANGELO TX	352.0	APP	BPET -19960726KI
22	KETK-TV	JACKSONVILLE TX	166.2	PLN	DTVPLN -DTVP0506
22	KETK-TV	JACKSONVILLE TX	166.2	LIC	BLCDDT -20060621AAF
22	KAUZ-DT	WICHITA FALLS TX	206.3	PLN	DTVPLN -DTVP0508
22	KAUZ-TV	WICHITA FALLS TX	206.3	APP	BSTA -20081124AJV
23	KUVN-TV	GARLAND TX	0.1	LIC	BLCT -20030602BGW
24	KUVN-TV	GARLAND TX	0.1	LIC	BLCDDT -20030123ACI
24	KUVN-DT	GARLAND TX	43.5	PLN	DTVPLN -DTVP0586
25	NEW	LEONARD TX	110.6	APP	BPRM -20040317AFI
29	KMPX	DECATUR TX	0.2	LIC	BLCT -20050707ABJ
29	NEW	PLANO TX	31.6	ADD	BPRM -19960725AAS
35	KDFW-DT	DALLAS TX	0.9	PLN	DTVPLN -DTVP0994
36	KDFI	DALLAS TX	5.2	CP	BPCDDT -20080723AAS
36	KDFI-DT	DALLAS TX	0.0	PLN	DTVPLN -DTVP1035
29	KHFW-LP	DENISON TX	105.9	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application Ref. No.
22	KNAV-LP	DE SOTO TX	BLTTL -20050915ABM

Stations Potentially Affecting This Station

FIGURE 2—OET-69 STUDY FOR KHFW-LP, DENISON, TX (CH 29D)

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	KERA-TV	DALLAS TX	2.0	LIC	BLEDT	-20031103ACR
14	KERA-DT	DALLAS TX	2.0	PLN	DTVPLN	-DTVP0149
18	KTXA	FORT WORTH TX	5.2	LIC	BLCDDT	-20001130ACY
18	KTXA-DT	FORT WORTH TX	0.1	PLN	DTVPLN	-DTVP0329
19	KTVT	FORT WORTH TX	2.0	LIC	BLCDDT	-20050628ABA
19	KTVT-DT	FORT WORTH TX	2.0	PLN	DTVPLN	-DTVP0372
20	960920YP	SHERMAN TX	107.9	APP	BPCT	-19960920YP
20	KWBU-TV	WACO TX	145.3	LIC	BLEDT	-20060622AAS
20	KCTF-DT	WACO TX	121.5	PLN	DTVPLN	-DTVP0421
21	KTXA	FORT WORTH TX	0.1	LIC	BLCT	-19801231KF
22	KLRU	AUSTIN TX	264.1	LIC	BLEDT	-20040305ACK
22	KLRU-DT	AUSTIN TX	264.0	PLN	DTVPLN	-DTVP0505
22	KETK-DT	JACKSONVILLE TX	166.3	PLN	DTVPLN	-DTVP0506
22	KETK-TV	JACKSONVILLE TX	166.3	LIC	BLCDDT	-20060621AAF
22	NEW	SAN ANTONIO TX	379.2	APP	BDCCDTL	-20061010ALH
22	KAUZ-DT	WICHITA FALLS TX	206.2	PLN	DTVPLN	-DTVP0508
22	KAUZ-TV	WICHITA FALLS TX	206.2	APP	BSTA	-20081124AJV
23	KUVN-TV	GARLAND TX	0.0	LIC	BLCT	-20030602BGW
24	KUVN-TV	GARLAND TX	0.0	LIC	BLCDDT	-20030123ACI
24	KUVN-DT	GARLAND TX	43.6	PLN	DTVPLN	-DTVP0586
25	NEW	LEONARD TX	110.7	APP	BPRM	-20040317AFI
25	KXXV	WACO TX	142.7	LIC	BLCT	-20050715ABA
26	KXXV-DT	WACO TX	142.8	PLN	DTVPLN	-DTVP0656
26	KXXV	WACO TX	142.7	LIC	BLCDDT	-20050630AFE
30	KMPX-DT	DECATUR TX	31.6	PLN	DTVPLN	-DTVP0803
30	KMPX	DECATUR TX	0.2	LIC	BLCDDT	-20060317AGE
36	KDFI	DALLAS TX	5.2	CP	BPCDDT	-20080723AAS
36	KDFI-DT	DALLAS TX	0.1	PLN	DTVPLN	-DTVP1035
29	KHFW-LP	DENISON TX	106.0	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
25	K25FW	CORSICANA TX	BLTTL	-20000320AAR

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
18	KTXA	FORT WORTH TX	5.1	LIC	BLCDDT	-20001130ACY
18	KTXA-DT	FORT WORTH TX	0.1	PLN	DTVPLN	-DTVP0329
23	KAKW-DT	KILLEEN TX	145.6	PLN	DTVPLN	-DTVP0547
24	KUVN-TV	GARLAND TX	0.2	LIC	BLCDDT	-20030123ACI
24	KUVN-DT	GARLAND TX	43.6	PLN	DTVPLN	-DTVP0586
24	K24HO-D	PARIS TX	203.0	CP	BDCCDTT	-20061030APB
24	K24HH-D	WICHITA FALLS TX	206.3	CP	BDCCDTL	-20060927AGW
25	KLTS-DT	SHREVEPORT LA	284.9	PLN	DTVPLN	-DTVP0604
25	K25JO-D	ALTUS OK	317.4	CP	BDCCDTT	-20061030AEH
25	K25JP-D	ELK CITY OK	373.7	CP	BDCCDTT	-20061030ACZ

FIGURE 2—OET-69 STUDY FOR KHFW-LP, DENISON, TX (CH 29D)

25	KOKH-TV	OKLAHOMA CITY OK	332.6	LIC	BLCT	-20050621AAN
25	K57GF	GARLAND TX	43.5	APP	BPTTL	-20020816AAR
25	KVDO-LP	HOUSTON TX	363.0	CP	BDFCDTL	-20081125AVY
25	NEW	LEONARD TX	110.6	APP	BPRM	-20040317AFI
25	KXXV	WACO TX	142.7	LIC	BLCT	-20050715ABA
26	KODF-LP	BRITTON TX	0.2	LIC	BLTTL	-20070829AAF
32	KDAF	DALLAS TX	5.1	LIC	BLCDT	-20010606ABJ
32	KDAF-DT	DALLAS TX	0.1	PLN	DTVPLN	-DTVP0882
39	KXTX-TV	DALLAS TX	0.4	LIC	BLCT	-19970905KE
40	KXTX-TV	DALLAS TX	0.4	LIC	BLCDT	-20021106ABR
40	KXTX-DT	DALLAS TX	0.4	PLN	DTVPLN	-DTVP1142
29	KHFW-LP	DENISON TX	106.0	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
25	K57GF	GARLAND TX	BPTTL	-20020816AAR

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
18	KTXA	FORT WORTH TX	47.2	LIC	BLCDT	-20001130ACY
18	KTXA-DT	FORT WORTH TX	43.5	PLN	DTVPLN	-DTVP0329
24	KUVN-TV	GARLAND TX	43.6	LIC	BLCDT	-20030123ACI
24	KUVN-DT	GARLAND TX	0.0	PLN	DTVPLN	-DTVP0586
24	K24HO-D	PARIS TX	159.8	CP	BDCCDTT	-20061030APB
24	K24HH-D	WICHITA FALLS TX	204.7	CP	BDCCDTL	-20060927AGW
25	KLTS-DT	SHREVEPORT LA	259.2	PLN	DTVPLN	-DTVP0604
25	K25JO-D	ALTUS OK	313.2	CP	BDCCDTT	-20061030AEH
25	K25JP-D	ELK CITY OK	361.8	CP	BDCCDTT	-20061030ACZ
25	KOKH-TV	OKLAHOMA CITY OK	303.4	LIC	BLCT	-20050621AAN
25	K25FW	CORSICANA TX	43.5	LIC	BLTTL	-20000320AAR
25	KVDO-LP	HOUSTON TX	386.7	CP	BDFCDTL	-20081125AVY
25	NEW	LEONARD TX	67.1	APP	BPRM	-20040317AFI
25	KXXV	WACO TX	183.4	LIC	BLCT	-20050715ABA
26	KODF-LP	BRITTON TX	43.6	LIC	BLTTL	-20070829AAF
32	KDAF	DALLAS TX	47.2	LIC	BLCDT	-20010606ABJ
32	KDAF-DT	DALLAS TX	43.5	PLN	DTVPLN	-DTVP0882
39	KXTX-TV	DALLAS TX	43.8	LIC	BLCT	-19970905KE
40	KXTX-TV	DALLAS TX	43.8	LIC	BLCDT	-20021106ABR
40	KXTX-DT	DALLAS TX	43.8	PLN	DTVPLN	-DTVP1142
29	KHFW-LP	DENISON TX	71.8	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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FIGURE 2—OET-69 STUDY FOR KHFW-LP, DENISON, TX (CH 29D)

Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
26	KODF-LP	BRITTON TX	BLTTL	-20070829AAF

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
18	KTXA	FORT WORTH TX	5.2	LIC	BLCDDT	-20001130ACY
18	KTXA-DT	FORT WORTH TX	0.1	PLN	DTVPLN	-DTVP0329
19	KTVT	FORT WORTH TX	2.0	LIC	BLCDDT	-20050628ABA
19	KTVT-DT	FORT WORTH TX	2.0	PLN	DTVPLN	-DTVP0372
23	KUVN-TV	GARLAND TX	0.0	LIC	BLCT	-20030602BGW
23	KAKW-DT	KILLEEN TX	145.6	PLN	DTVPLN	-DTVP0547
24	KUVN-TV	GARLAND TX	0.0	LIC	BLCDDT	-20030123ACI
24	KUVN-DT	GARLAND TX	43.6	PLN	DTVPLN	-DTVP0586
25	K25FW	CORSICANA TX	0.2	LIC	BLTTL	-20000320AAR
25	K57GF	GARLAND TX	43.6	APP	BPTTL	-20020816AAR
25	NEW	LEONARD TX	110.7	APP	BPRM	-20040317AFI
26	NEW	FORT SMITH AR	398.1	APP	BDCCDTL	-20060919ACA
26	KTEN-DT	ADA OK	200.4	PLN	DTVPLN	-DTVP0649
26	KTEN	ADA OK	200.4	CP	BPCDDT	-19991007AAW
26	970331SF	ENID OK	382.8	APP	BPET	-19970331SF
26	KRIV	HOUSTON TX	363.4	LIC	BLCT	-19820429KK
26	KRIV	HOUSTON TX	363.4	CP MOD	BMPCDDT	-20080620AKF
26	KLUF-D	LUFKIN TX	248.3	CP	BDCCDTL	-20070413AGM
26	KPXL	UVALDE TX	384.8	CP	BPCDDT	-20070501AEW
26	KXXV-DT	WACO TX	142.8	PLN	DTVPLN	-DTVP0656
26	KXXV	WACO TX	142.7	LIC	BLCDDT	-20050630AFE
26	K26DL	WICHITA FALLS TX	209.1	CP	BDFCDDT	-20060328AJJ
27	KDFI	DALLAS TX	5.2	LIC	BLCT	-20010720ACB
27	K27GR	PARIS TX	175.2	APP	BPDDL	-20060330AOF
29	KMPX	DECATUR TX	0.2	LIC	BLCT	-20050707ABJ
29	NEW	PLANO TX	31.6	ADD	BPRM	-19960725AAS
30	KMPX-DT	DECATUR TX	31.6	PLN	DTVPLN	-DTVP0803
30	KMPX	DECATUR TX	0.2	LIC	BLCDDT	-20060317AGE
40	KXTX-TV	DALLAS TX	0.5	LIC	BLCDDT	-20021106ABR
40	KXTX-DT	DALLAS TX	0.5	PLN	DTVPLN	-DTVP1142
41	KXAS-DT	FORT WORTH TX	0.4	PLN	DTVPLN	-DTVP1176
29	KHFW-LP	DENISON TX	106.0	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 7

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
27	KDFITV	DALLAS TX	DTVPLN	-NPLN1317

Stations Potentially Affecting This Station

FIGURE 2—OET-69 STUDY FOR KHFW-LP, DENISON, TX (CH 29D)

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
19	KTVT-DT	FORT WORTH TX	1.9	PLN	DTVPLN	-DTVP0372
20	KCTF-DT	WACO TX	121.6	PLN	DTVPLN	-DTVP0421
24	KUVN-DT	GARLAND TX	43.5	PLN	DTVPLN	-DTVP0586
26	KTEN-DT	ADA OK	200.4	PLN	DTVPLN	-DTVP0649
26	KXXV-DT	WACO TX	142.8	PLN	DTVPLN	-DTVP0656
27	KFOR-DT	OKLAHOMA CITY OK	334.6	PLN	DTVPLN	-DTVP0684
27	KRIV-DT	HOUSTON TX	363.4	PLN	DTVPLN	-DTVP0692
27	KXAM-DT	LLANO TX	260.8	PLN	DTVPLN	-DTVP0693
28	KFDX-DT	WICHITA FALLS TX	206.5	PLN	DTVPLN	-DTVP0729
29	KMPX	DECATUR TX	31.6	PLN	DTVPLN	-NPLN1367
30	KMPX-DT	DECATUR TX	31.6	PLN	DTVPLN	-DTVP0803
34	KCTF	WACO TX	121.6	PLN	DTVPLN	-NPLN1485
35	KDFW-DT	DALLAS TX	0.9	PLN	DTVPLN	-DTVP0994
41	KXAS-DT	FORT WORTH TX	0.4	PLN	DTVPLN	-DTVP1176
42	KINZ-DT	ARLINGTON TX	0.3	PLN	DTVPLN	-DTVP1210

Results for: 27N TX DALLAS	DTVPLN	NPLN1317	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	4062747	27448.4	
not affected by terrain losses	4059545	27129.4	
lost to NTSC IX	4	1.0	
lost to additional IX by ATV	5312	529.7	
lost to all IX	5316	530.7	

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
27	KDFI	DALLAS TX	BLCT	-20010720ACB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
19	KTVT	FORT WORTH TX	4.0	LIC	BLC DT	-20050628ABA
19	KTVT-DT	FORT WORTH TX	4.0	PLN	DTVPLN	-DTVP0372
20	960920YP	SHERMAN TX	113.0	APP	BPCT	-19960920YP
20	KWBU-TV	WACO TX	140.6	LIC	BLED T	-20060622AAS
20	KCTF-DT	WACO TX	116.7	PLN	DTVPLN	-DTVP0421
23	KAKW-DT	KILLEEN TX	140.9	PLN	DTVPLN	-DTVP0547
24	KUVN-TV	GARLAND TX	5.2	LIC	BLC DT	-20030123ACI
24	KUVN-DT	GARLAND TX	47.2	PLN	DTVPLN	-DTVP0586
25	NEW	LEONARD TX	114.2	APP	BPRM	-20040317AFI
25	KXXV	WACO TX	138.0	LIC	BLCT	-20050715ABA
26	KTEN-DT	ADA OK	205.2	PLN	DTVPLN	-DTVP0649
26	KTEN	ADA OK	205.2	CP	BPC DT	-19991007AAW
26	KXXV-DT	WACO TX	138.1	PLN	DTVPLN	-DTVP0656
26	KXXV	WACO TX	138.0	LIC	BLC DT	-20050630AFE
27	KFOR-TV	OKLAHOMA CITY OK	343.0	LIC	BLC DT	-20050701ABR
27	KFOR-DT	OKLAHOMA CITY OK	339.8	PLN	DTVPLN	-DTVP0684
27	KRIV	HOUSTON TX	358.3	LIC	BLC DT	-20070823ACI
27	KRIV-DT	HOUSTON TX	358.3	PLN	DTVPLN	-DTVP0692
27	KXAM-TV	LLANO TX	257.3	CP	BPC DT	-19991018AAV
27	KXAM-DT	LLANO TX	257.3	PLN	DTVPLN	-DTVP0693
29	KMPX	DECATUR TX	5.1	LIC	BLCT	-20050707ABJ
29	NEW	PLANO TX	36.6	ADD	BPRM	-19960725AAS
30	KMPX-DT	DECATUR TX	36.6	PLN	DTVPLN	-DTVP0803
30	KMPX	DECATUR TX	5.1	LIC	BLC DT	-20060317AGE

FIGURE 2—OET-69 STUDY FOR KHFW-LP, DENISON, TX (CH 29D)

35	KDFW-DT	DALLAS TX	5.0	PLN	DTVPLN	-DTVP0994
41	KXAS-DT	FORT WORTH TX	5.0	PLN	DTVPLN	-DTVP1176
42	KPXD	ARLINGTON TX	5.4	LIC	BLCDDT	-20021028AAO
42	KINZ-DT	ARLINGTON TX	5.3	PLN	DTVPLN	-DTVP1210
42	KPXD	ARLINGTON TX	5.1	APP	BPCT	-20020131ABM
29	KHFW-LP	DENISON TX	110.9	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 8

Analysis of current record

Channel	Call	City/State	Application Ref. No.
27	K27GR	PARIS TX	BLTTL -20040617AAS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
20	960920YP	SHERMAN TX	130.9	APP	BPCT -19960920YP
20	KXII-DT	SHERMAN TX	124.4	PLN	DTVPLN -DTVP0419
24	KUVN-DT	GARLAND TX	132.7	PLN	DTVPLN -DTVP0586
25	NEW	LEONARD TX	70.2	APP	BPRM -20040317AFI
26	KTEN-DT	ADA OK	124.2	PLN	DTVPLN -DTVP0649
26	KTEN	ADA OK	124.2	CP	BPCDDT -19991007AAW
27	KTVE-DT	EL DORADO AR	314.0	PLN	DTVPLN -DTVP0661
27	KFTA-TV	FORT SMITH AR	265.6	LIC	BLCDDT -20060912ACY
27	KPOM-TV	FORT SMITH AR	265.6	PLN	DTVPLN -DTVP0662
27	KFTA-TV	FORT SMITH AR	265.6	APP	BPCDDT -20090129ANN
27	KFTA-TV	FORT SMITH AR	265.6	APP	BMPCDDT -20040803ABV
27	K27JP-D	LITTLE ROCK AR	325.7	LIC	BLDTL -20080625ABK
27	K27JN-D	ELK CITY OK	391.7	CP	BDCCDDT -20070410AAD
27	KFOR-TV	OKLAHOMA CITY OK	282.6	LIC	BLCDDT -20050701ABR
27	KFOR-DT	OKLAHOMA CITY OK	280.0	PLN	DTVPLN -DTVP0684
27	K27JM-D	BEAUMONT TX	403.5	CP	BDCCDDT -20070406ABD
27	KDFI	DALLAS TX	177.8	LIC	BLCT -20010720ACB
27	K27JJ-D	FORBES/JASPER CTY TX	373.3	CP	BDCCDDT -20070326ABF
27	KETK-LD	LUFKIN TX	261.2	CP	BDCCDDT -20070417AAS
28	K28AC	ARDMORE OK	160.5	CP	BDFCDTA -20060630AHS
28	NEW	SHERMAN TX	96.2	APP	BSFDDT -20060630ARW
42	K42DA	PARIS TX	0.0	LIC	BLTT -19920807JH
42	K42DA	PARIS TX	0.0	CP	BDFCDTT -20060329AFX
29	KHFW-LP	DENISON TX	119.3	APP	USERRECORD-01

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 9

Analysis of current record

Channel	Call	City/State	Application Ref. No.
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FIGURE 2—OET-69 STUDY FOR KHFW-LP, DENISON, TX (CH 29D)

28 K28AC ARDMORE OK BLTT -19820405IK

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
20	KXII-DT	SHERMAN TX	36.1	PLN	DTVPLN	-DTVP0419
25	NEW	LEONARD TX	121.3	APP	BPRM	-20040317AFI
26	KTEN-DT	ADA OK	59.1	PLN	DTVPLN	-DTVP0649
26	KTEN	ADA OK	59.1	CP	BPCDT	-19991007AAW
27	K27GR	PARIS TX	160.5	APP	BPDTL	-20060330AOF
28	960711LJ	RUSSELLVILLE AR	378.9	APP	BPET	-19960711LJ
28	KTBS-TV	SHREVEPORT LA	341.4	LIC	BLCDT	-20020911ABZ
28	KTBS-DT	SHREVEPORT LA	341.4	PLN	DTVPLN	-DTVP0712
28	K28JX-D	ALVA - CHEROKEE OK	317.6	CP	BDCCDTT	-20061024ADZ
28	KTPX	OKMULGEE OK	208.0	LIC	BLCDT	-20020510AAQ
28	KGLB-DT	OKMULGEE OK	208.0	PLN	DTVPLN	-DTVP0723
28	NEW	ABILENE TX	305.3	APP	BSFDTL	-20060630CCF
28	NEW	ABILENE TX	325.5	APP	BSFDTL	-20060630CJY
28	NEW	ABILENE TX	302.2	APP	BDCCDTL	-20081215AAV
28	KYLE	BRYAN TX	392.5	LIC	BLCT	-19970219KG
28	KYLE	BRYAN TX	392.5	CP MOD	BMPCDT	-20080620AKH
28	KHPK-LP	DE SOTO TX	176.0	LIC	BLTTL	-20070829AAG
28	K28JW-D	MEMPHIS, ETC. TX	323.5	CP	BDCCDTT	-20061023AGF
28	NEW	SHERMAN TX	75.5	APP	BSFDTL	-20060630ARW
28	KFDX-DT	WICHITA FALLS TX	132.3	PLN	DTVPLN	-DTVP0729
29	KAQS-DT	SHAWNEE OK	125.1	PLN	DTVPLN	-DTVP0758
30	KMPX-DT	DECATUR TX	145.5	PLN	DTVPLN	-DTVP0803
43	K43KJ-D	LAWTON OK	118.9	CP	BDCCDTL	-20061004AAG
29	KHFW-LP	DENISON TX	76.2	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 10

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
28	K28AC	ARDMORE OK	BDFCDTA	-20060630AHS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
27	K27GR	PARIS TX	160.5	APP	BPDTL	-20060330AOF
28	960711LJ	RUSSELLVILLE AR	378.9	APP	BPET	-19960711LJ
28	KTBS-TV	SHREVEPORT LA	341.4	LIC	BLCDT	-20020911ABZ
28	KTBS-DT	SHREVEPORT LA	341.4	PLN	DTVPLN	-DTVP0712
28	K28JX-D	ALVA - CHEROKEE OK	317.6	CP	BDCCDTT	-20061024ADZ
28	KTPX	OKMULGEE OK	208.0	LIC	BLCDT	-20020510AAQ
28	KGLB-DT	OKMULGEE OK	208.0	PLN	DTVPLN	-DTVP0723
28	NEW	ABILENE TX	305.3	APP	BSFDTL	-20060630CCF
28	NEW	ABILENE TX	325.5	APP	BSFDTL	-20060630CJY
28	NEW	ABILENE TX	302.2	APP	BDCCDTL	-20081215AAV
28	KYLE	BRYAN TX	392.5	LIC	BLCT	-19970219KG
28	KYLE	BRYAN TX	392.5	CP MOD	BMPCDT	-20080620AKH
28	K28JW-D	MEMPHIS, ETC. TX	323.5	CP	BDCCDTT	-20061023AGF

FIGURE 2—OET-69 STUDY FOR KHFW-LP, DENISON, TX (CH 29D)

28	NEW	SHERMAN TX	75.5	APP	BSFDTL	-20060630ARW
28	KFDX-DT	WICHITA FALLS TX	132.3	PLN	DTVPLN	-DTVP0729
29	KAQS-DT	SHAWNEE OK	125.1	PLN	DTVPLN	-DTVP0758
29	KHFW-LP	DENISON TX	76.2	APP	USERRECORD-01	

Total scenarios = 3

Result key: 1
 Scenario 1 Affected station 10 K28AC
 Before Analysis

Results for: 28A OK ARDMORE BDFCDTA 20060630AHS CP
 HAAT 1.0 m, ATV ERP 1.1 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	49497	3472.1
not affected by terrain losses	49434	3453.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2745	399.7
lost to ATV IX only	2745	399.7
lost to all IX	2745	399.7

Potential Interfering Stations Included in above Scenario 1

28A OK OKMULGEE	BLCDT	20020510AAQ	LIC
28A TX WICHITA FALLS	DTVPLN	DTVP0729	PLN

After Analysis

Results for: 28A OK ARDMORE BDFCDTA 20060630AHS CP
 HAAT 1.0 m, ATV ERP 1.1 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	49497	3472.1
not affected by terrain losses	49434	3453.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	3042	462.7
lost to ATV IX only	3042	462.7
lost to all IX	3042	462.7

Potential Interfering Stations Included in above Scenario 1

28A OK OKMULGEE	BLCDT	20020510AAQ	LIC
28A TX WICHITA FALLS	DTVPLN	DTVP0729	PLN
29A TX DENISON	USERRECORD01		APP

Percent new IX = 0.6361%

Result key: 2
 Scenario 2 Affected station 10 K28AC
 Before Analysis

Results for: 28A OK ARDMORE BDFCDTA 20060630AHS CP
 HAAT 1.0 m, ATV ERP 1.1 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	49497	3472.1
not affected by terrain losses	49434	3453.4
lost to NTSC IX	0	0.0

FIGURE 2—OET-69 STUDY FOR KHFW-LP, DENISON, TX (CH 29D)

lost to additional IX by ATV	3035	485.3
lost to ATV IX only	3035	485.3
lost to all IX	3035	485.3

Potential Interfering Stations Included in above Scenario 2

28A OK OKMULGEE	BLCDT	20020510AAQ	LIC
28A TX SHERMAN	BSFDTL	20060630ARW	APP
28A TX WICHITA FALLS	DTVPLN	DTVP0729	PLN

After Analysis

Results for: 28A OK ARDMORE BDFCDTA 20060630AHS CP
 HAAT 1.0 m, ATV ERP 1.1 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	49497	3472.1
not affected by terrain losses	49434	3453.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	3098	513.9
lost to ATV IX only	3098	513.9
lost to all IX	3098	513.9

Potential Interfering Stations Included in above Scenario 2

28A OK OKMULGEE	BLCDT	20020510AAQ	LIC
28A TX SHERMAN	BSFDTL	20060630ARW	APP
28A TX WICHITA FALLS	DTVPLN	DTVP0729	PLN
29A TX DENISON	USERRECORD01		APP

Percent new IX = 0.1358%

Result key: 3
 Scenario 3 Affected station 10 K28AC
 Before Analysis

Results for: 28A OK ARDMORE BDFCDTA 20060630AHS CP
 HAAT 1.0 m, ATV ERP 1.1 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	49497	3472.1
not affected by terrain losses	49434	3453.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2745	399.7
lost to ATV IX only	2745	399.7
lost to all IX	2745	399.7

Potential Interfering Stations Included in above Scenario 3

28A OK OKMULGEE	BLCDT	20020510AAQ	LIC
28A TX WICHITA FALLS	DTVPLN	DTVP0729	PLN

After Analysis

Results for: 28A OK ARDMORE BDFCDTA 20060630AHS CP
 HAAT 1.0 m, ATV ERP 1.1 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	49497	3472.1
not affected by terrain losses	49434	3453.4

FIGURE 2—OET-69 STUDY FOR KHFW-LP, DENISON, TX (CH 29D)

lost to NTSC IX	0	0.0
lost to additional IX by ATV	3042	462.7
lost to ATV IX only	3042	462.7
lost to all IX	3042	462.7

Potential Interfering Stations Included in above Scenario 3

28A OK OKMULGEE	BLCDDT	20020510AAQ	LIC
28A TX WICHITA FALLS	DTVPLN	DTVP0729	PLN
29A TX DENISON	USERRECORD01		APP

Percent new IX = 0.6361%

Worst case new IX 0.6361% Scenario 1

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Analysis of Interference to Affected Station 11

Analysis of current record

Channel	Call	City/State	Application Ref. No.
28	K28DJ	BROKEN BOW OK	BLTTL -19900731IM

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
21	KHBS-DT	FORT SMITH AR	126.3	PLN	DTVPLN -DTVP0427
21	KHBS	FORT SMITH AR	126.3	LIC	BLCDDT -20031121AMR
27	K27GR	PARIS TX	80.5	APP	BPDDL -20060330AOF
28	DK66FM	FORT SMITH AR	171.8	CP	BDDSTTL -20060403ASF
28	960711LJ	RUSSELLVILLE AR	209.8	APP	BPET -19960711LJ
28	KTBS-TV	SHREVEPORT LA	159.0	LIC	BLCDDT -20020911ABZ
28	KTBS-DT	SHREVEPORT LA	159.0	PLN	DTVPLN -DTVP0712
28	K28AC	ARDMORE OK	222.1	CP	BDFCDTA -20060630AHS
28	KTPX	OKMULGEE OK	244.7	LIC	BLCDDT -20020510AAQ
28	KGLB-DT	OKMULGEE OK	244.7	PLN	DTVPLN -DTVP0723
28	KYLE	BRYAN TX	393.4	LIC	BLCT -19970219KG
28	KYLE	BRYAN TX	393.4	CP MOD	BMPCDDT -20080620AKH
28	KHPK-LP	DE SOTO TX	254.0	LIC	BLTTL -20070829AAG
28	NEW	SHERMAN TX	170.7	APP	BSFDDL -20060630ARW
28	KFDX-DT	WICHITA FALLS TX	349.9	PLN	DTVPLN -DTVP0729
29	KHFW-LP	DENISON TX	196.4	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 12

Analysis of current record

Channel	Call	City/State	Application Ref. No.
28	KHPK-LP	DE SOTO TX	BLTTL -20070829AAG

FIGURE 2—OET-69 STUDY FOR KHFW-LP, DENISON, TX (CH 29D)

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
20	KWBU-TV	WACO TX	145.3	LIC	BLEDT	-20060622AAS
20	KCTF-DT	WACO TX	121.5	PLN	DTVPLN	-DTVP0421
21	KTXA	FORT WORTH TX	0.1	LIC	BLCT	-19801231KF
24	KUVN-TV	GARLAND TX	0.0	LIC	BLCDT	-20030123ACI
24	KUVN-DT	GARLAND TX	43.6	PLN	DTVPLN	-DTVP0586
25	NEW	LEONARD TX	110.7	APP	BPRM	-20040317AFI
25	KXXV	WACO TX	142.7	LIC	BLCT	-20050715ABA
26	KXXV-DT	WACO TX	142.8	PLN	DTVPLN	-DTVP0656
26	KXXV	WACO TX	142.7	LIC	BLCDT	-20050630AFE
27	KDFI	DALLAS TX	5.2	LIC	BLCT	-20010720ACB
27	K27GR	PARIS TX	175.2	APP	BPDTL	-20060330AOF
28	KTBS-TV	SHREVEPORT LA	284.4	LIC	BLCDT	-20020911ABZ
28	KTBS-DT	SHREVEPORT LA	284.4	PLN	DTVPLN	-DTVP0712
28	K28AC	ARDMORE OK	176.0	LIC	BLTT	-19820405IK
28	K28AC	ARDMORE OK	176.0	CP	BDFCDTA	-20060630AHS
28	KTPX	OKMULGEE OK	368.9	LIC	BLCDT	-20020510AAQ
28	KGLB-DT	OKMULGEE OK	368.9	PLN	DTVPLN	-DTVP0723
28	NEW	ABILENE TX	258.8	APP	BSFDTL	-20060630CCF
28	NEW	ABILENE TX	282.0	APP	BSFDTL	-20060630CJY
28	NEW	ABILENE TX	261.5	APP	BDCCDTL	-20081215AAV
28	KYLE	BRYAN TX	217.4	LIC	BLCT	-19970219KG
28	KYLE	BRYAN TX	217.4	CP MOD	BMPCDT	-20080620AKH
28	NEW	SHERMAN TX	126.4	APP	BSFDTL	-20060630ARW
28	KFDX-DT	WICHITA FALLS TX	206.4	PLN	DTVPLN	-DTVP0729
29	KMPX	DECATUR TX	0.2	LIC	BLCT	-20050707ABJ
29	NEW	PLANO TX	31.6	ADD	BPRM	-19960725AAS
30	KMPX-DT	DECATUR TX	31.6	PLN	DTVPLN	-DTVP0803
30	KMPX	DECATUR TX	0.2	LIC	BLCDT	-20060317AGE
32	KDAF	DALLAS TX	5.2	LIC	BLCDT	-20010606ABJ
32	KDAF-DT	DALLAS TX	0.1	PLN	DTVPLN	-DTVP0882
35	KDFW-DT	DALLAS TX	0.9	PLN	DTVPLN	-DTVP0994
36	KDFI	DALLAS TX	5.2	CP	BPCDT	-20080723AAS
36	KDFI-DT	DALLAS TX	0.1	PLN	DTVPLN	-DTVP1035
42	KPXD	ARLINGTON TX	0.3	LIC	BLCDT	-20021028AAO
42	KINZ-DT	ARLINGTON TX	0.3	PLN	DTVPLN	-DTVP1210
42	KPXD	ARLINGTON TX	0.2	APP	BPCT	-20020131ABM
43	KDTN	DENTON TX	5.2	LIC	BLEDT	-20040301AAH
43	KDTN-DT	DENTON TX	0.1	PLN	DTVPLN	-DTVP1245
29	KHFW-LP	DENISON TX	106.0	APP	USERRECORD-01	

Total scenarios = 12

Result key: 4
 Scenario 1 Affected station 12 KHPK-LP
 Before Analysis

Results for: 28N TX DE SOTO	BLTTL	20070829AAG	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2668096	3601.8	
not affected by terrain losses	2663336	3597.8	
lost to NTSC IX	2617243	3507.7	
lost to additional IX by ATV	1464	1.0	

FIGURE 2—OET-69 STUDY FOR KHFW-LP, DENISON, TX (CH 29D)

lost to all IX 2618707 3508.7

Potential Interfering Stations Included in above Scenario 1

21N TX FORT WORTH	BLCT	19801231KF	LIC
27N TX DALLAS	BLCT	20010720ACB	LIC
29N TX DECATUR	BLCT	20050707ABJ	LIC
24A TX GARLAND	BLCDDT	20030123ACI	LIC
28A TX WICHITA FALLS	DTVPLN	DTVP0729	PLN
30A TX DECATUR	DTVPLN	DTVP0803	PLN
32A TX DALLAS	BLCDDT	20010606ABJ	LIC
35A TX DALLAS	DTVPLN	DTVP0994	PLN
42A TX ARLINGTON	BLCDDT	20021028AAO	LIC
43A TX DENTON	DTVPLN	DTVP1245	PLN

After Analysis

Results for: 28N TX DE SOTO	BLTTL	20070829AAG	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2668096	3601.8	
not affected by terrain losses	2663336	3597.8	
lost to NTSC IX	2617243	3507.7	
lost to additional IX by ATV	1464	1.0	
lost to all IX	2618707	3508.7	

Potential Interfering Stations Included in above Scenario 1

21N TX FORT WORTH	BLCT	19801231KF	LIC
27N TX DALLAS	BLCT	20010720ACB	LIC
29N TX DECATUR	BLCT	20050707ABJ	LIC
24A TX GARLAND	BLCDDT	20030123ACI	LIC
28A TX WICHITA FALLS	DTVPLN	DTVP0729	PLN
30A TX DECATUR	DTVPLN	DTVP0803	PLN
32A TX DALLAS	BLCDDT	20010606ABJ	LIC
35A TX DALLAS	DTVPLN	DTVP0994	PLN
42A TX ARLINGTON	BLCDDT	20021028AAO	LIC
43A TX DENTON	DTVPLN	DTVP1245	PLN
29A TX DENISON	USERRECORD01		APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

(NOTE: WORST-CASE SCENARIO TO THIS AFFECTED STATION IS SHOWN—ALL OTHERS HAVE BEEN REMOVE. ALL REMOVED SCENARIOS SHOW THE SAME OR LESS NEW INTERFERENCE THAN SHOWN BY THE WORST-CASE SCENARIO.)

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Analysis of Interference to Affected Station 13

Analysis of current record

Channel	Call	City/State	Application Ref. No.
28	NEW	SHERMAN TX	BSFDTL -20060630ARW

FIGURE 2—OET-69 STUDY FOR KHFW-LP, DENISON, TX (CH 29D)

(NOTE: THE PROPOSED DISPLACEMENT APPLICATION HAS PRIORITY OVER THIS PENDING DIGITAL COMPANION-CHANNEL APPLICATION; THEREFORE, THE STUDY TO THIS AFFECTED STATION IS NOT REQUIRED AND HAS BEEN REMOVED.)

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Analysis of Interference to Affected Station 14

DTV Baseline Analysis

Channel	Call	City/State	Application Ref. No.
28	KFDX-DT	WICHITA FALLS TX	DTVPLN -DTVP0729

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
27	KFOR-DT	OKLAHOMA CITY OK	210.5	PLN	DTVPLN -DTVP0684
27	KDFITV	DALLAS TX	206.5	PLN	DTVPLN -NPLN1317
28	KGLB-DT	OKMULGEE OK	309.6	PLN	DTVPLN -DTVP0723
28	KYLE	BRYAN TX	408.2	PLN	DTVPLN -NPLN1341
28	KAMC	LUBBOCK TX	307.3	PLN	DTVPLN -NPLN1343
29	KAQS-DT	SHAWNEE OK	190.6	PLN	DTVPLN -DTVP0758
29	KRBC-DT	ABILENE TX	209.5	PLN	DTVPLN -DTVP0768
29	KMPX	DECATUR TX	189.2	PLN	DTVPLN -NPLN1367

Results for: 28A TX WICHITA FALLS DTVPLN DTVP0729 PLN
HAAT 305.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	389903	33956.7
not affected by terrain losses	387295	33485.7
lost to NTSC IX	48	72.1
lost to additional IX by ATV	12	4.0
lost to ATV IX only	12	4.0
lost to all IX	60	76.0

NTSC Baseline Analysis

Channel	Call	City/State	Application Ref. No.
03	KFDXTV	WICHITA FALLS TX	DTVPLN -NPLN0263

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
02	KDTN	DENTON TX	206.5	PLN	DTVPLN -NPLN0199
03	KOET	EUFAULA OK	327.7	PLN	DTVPLN -NPLN0251
03	KACBTB	SAN ANGELO TX	307.3	PLN	DTVPLN -NPLN0262
04	KFORTV	OKLAHOMA CITY OK	210.5	PLN	DTVPLN -NPLN0312
04	KDFWTV	DALLAS TX	206.2	PLN	DTVPLN -NPLN0322

Results for: 3N TX WICHITA FALLS DTVPLN NPLN0263 PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	389903	33956.7
not affected by terrain losses	385507	33067.9
lost to NTSC IX	13548	2442.3
lost to additional IX by ATV	0	0.0
lost to all IX	13548	2442.3

FIGURE 2—OET-69 STUDY FOR KHFW-LP, DENISON, TX (CH 29D)

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
28	KFDX-TV	WICHITA FALLS TX	BMPCDT	-20070621ABP

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
27	KFOR-TV	OKLAHOMA CITY OK	213.5	LIC	BLCDDT	-20050701ABR
27	KFOR-DT	OKLAHOMA CITY OK	210.6	PLN	DTVPLN	-DTVP0684
27	KDFI	DALLAS TX	211.0	LIC	BLCT	-20010720ACB
28	KTPX	OKMULGEE OK	309.8	LIC	BLCDDT	-20020510AAQ
28	KGLB-DT	OKMULGEE OK	309.8	PLN	DTVPLN	-DTVP0723
28	KYLE	BRYAN TX	408.3	LIC	BLCT	-19970219KG
28	KYLE	BRYAN TX	408.3	CP MOD	BMPCDT	-20080620AKH
29	KAQS-DT	SHAWNEE OK	190.7	PLN	DTVPLN	-DTVP0758
29	KTUZ-TV	SHAWNEE OK	209.9	CP MOD	BMPCDT	-20060707AFM
29	KRBC-TV	ABILENE TX	203.7	LIC	BLCDDT	-20070831AAK
29	KRBC-DT	ABILENE TX	209.3	PLN	DTVPLN	-DTVP0768
29	KMPX	DECATUR TX	206.8	LIC	BLCT	-20050707ABJ
29	NEW	PLANO TX	189.4	ADD	BPRM	-19960725AAS
29	KHFW-LP	DENISON TX	164.4	APP	USERRECORD-01	

Total scenarios = 2

Result key: 20

Scenario 1 Affected station 14 KFDX-TV

Before Analysis

Results for: 28A TX WICHITA FALLS BMPCDT 20070621ABP CP

HAAT 269.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	361326	28168.3
not affected by terrain losses	361086	28098.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	0	0.0

Potential Interfering Stations Included in above Scenario 1

After Analysis

Results for: 28A TX WICHITA FALLS BMPCDT 20070621ABP CP

HAAT 269.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	361326	28168.3
not affected by terrain losses	361086	28098.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	25	26.7
lost to ATV IX only	25	26.7
lost to all IX	25	26.7

Potential Interfering Stations Included in above Scenario 1

29A TX DENISON USERRECORD01 APP

FIGURE 2—OET-69 STUDY FOR KHFW-LP, DENISON, TX (CH 29D)

Percent new IX = 0.0065%

Result key: 21
 Scenario 2 Affected station 14 KFDX-TV
 Before Analysis

Results for: 28A TX WICHITA FALLS BMPCDT 20070621ABP CP
 HAAT 269.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	361326	28168.3
not affected by terrain losses	361086	28098.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	0	0.0

Potential Interfering Stations Included in above Scenario 2

After Analysis

Results for: 28A TX WICHITA FALLS BMPCDT 20070621ABP CP
 HAAT 269.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	361326	28168.3
not affected by terrain losses	361086	28098.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	25	26.7
lost to ATV IX only	25	26.7
lost to all IX	25	26.7

Potential Interfering Stations Included in above Scenario 2

29A TX DENISON USERRECORD01 APP

Percent new IX = 0.0065%

Worst case new IX 0.0065% Scenario 1

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Analysis of Interference to Affected Station 15

Analysis of current record

Channel	Call	City/State	Application Ref. No.
29	K29DC	EL DORADO AR	BLTTL -20001213ACL

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
21	KPXJ	MINDEN LA	131.9	LIC	BLCDT -20050930AAL
22	KATV-DT	LITTLE ROCK AR	141.3	PLN	DTVPLN -DTVP0469
25	KLTS-DT	SHREVEPORT LA	131.8	PLN	DTVPLN -DTVP0604
26	KVTH	HOT SPRINGS AR	126.3	CP	BPCDT -20080331APY

FIGURE 2—OET-69 STUDY FOR KHFW-LP, DENISON, TX (CH 29D)

27	KTVE-DT	EL DORADO AR	49.2	PLN	DTVPLN	-DTVP0661
28	KTBS-TV	SHREVEPORT LA	131.9	LIC	BLCDDT	-20020911ABZ
28	KTBS-DT	SHREVEPORT LA	131.9	PLN	DTVPLN	-DTVP0712
29	KHOG-TV	FAYETTEVILLE AR	330.0	LIC	BLCT	-19980109KF
29	KSJA-CA	NASHVILLE AR	129.5	CP	BDISTTA	-20080805ABF
29	KSJA-CA	NASHVILLE AR	129.5	APP	BDISTTA	-20070108ABP
29	KSJA-CA	NASHVILLE AR	129.5	APP	BSTA	-20070109AAP
29	WKNO	MEMPHIS TN	337.5	CP MOD	BMPEDT	-20021112ACA
29	WKNO-DT	MEMPHIS TN	337.5	PLN	DTVPLN	-DTVP0767
29	WKNO	MEMPHIS TN	337.5	LIC	BLEDT	-20060627ABE
30	970331LG	EL DORADO AR	0.0	APP	BPET	-19970331LG
30	960920KK	EL DORADO AR	61.2	APP	BPET	-19960920KK
36	KARD-DT	WEST MONROE LA	139.8	PLN	DTVPLN	-DTVP1017
36	KARD	WEST MONROE LA	139.8	CP MOD	BMPCDDT	-20070125ACR
43	KEJB	EL DORADO AR	49.2	LIC	BLCT	-20031014ACF
44	KSHV	SHREVEPORT LA	133.0	LIC	BLCDDT	-20060215ACP
44	KSHV-DT	SHREVEPORT LA	133.0	PLN	DTVPLN	-DTVP1266
29	KHFW-LP	DENISON TX	384.2	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 16

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
29	KHOGTV	FAYETTEVILLE AR	DTVPLN	-NPLN1349

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
21	KHBS-DT	FORT SMITH AR	118.0	PLN	DTVPLN	-DTVP0427
25	KOZJ-DT	JOPLIN MO	124.7	PLN	DTVPLN	-DTVP0606
26	KOZJ	JOPLIN MO	124.7	PLN	DTVPLN	-NPLN1280
27	KPOM-DT	FORT SMITH AR	34.3	PLN	DTVPLN	-DTVP0662
28	NEW	RUSSELLVILLE AR	115.9	PLN	DTVPLN	-NPLN1325
28	KDEB-DT	SPRINGFIELD MO	166.3	PLN	DTVPLN	-DTVP0716
28	KGLB-DT	OKMULGEE OK	184.8	PLN	DTVPLN	-DTVP0723
29	KPTS-DT	HUTCHINSON KS	398.4	PLN	DTVPLN	-DTVP0743
29	KAQS-DT	SHAWNEE OK	305.1	PLN	DTVPLN	-DTVP0758
29	WKNO-DT	MEMPHIS TN	396.8	PLN	DTVPLN	-DTVP0767
30	KLRT-DT	LITTLE ROCK AR	197.7	PLN	DTVPLN	-DTVP0775
30	KOAM-DT	PITTSBURG KS	145.0	PLN	DTVPLN	-DTVP0787
31	NEW	HARRISON AR	81.4	PLN	DTVPLN	-NPLN1399
36	NEW	LITTLE ROCK AR	197.4	PLN	DTVPLN	-NPLN1512
43	KODE-DT	JOPLIN MO	124.7	PLN	DTVPLN	-DTVP1231
44	KGLBTV	OKMULGEE OK	184.8	PLN	DTVPLN	-NPLN1668

Results for: 29N AR FAYETTEVILLE	DTVPLN	NPLN1349	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	331108	16199.5	
not affected by terrain losses	284547	13615.7	
lost to NTSC IX	391	76.0	

FIGURE 2—OET-69 STUDY FOR KHFW-LP, DENISON, TX (CH 29D)

lost to additional IX by ATV	1229	106.5
lost to all IX	1620	182.5

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
29	KHOG-TV	FAYETTEVILLE AR	BLCT	-19980109KF

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
21	KHBS-DT	FORT SMITH AR	118.0	PLN	DTVPLN	-DTVP0427
21	KHBS	FORT SMITH AR	118.0	LIC	BLCDDT	-20031121AMR
25	KOZJ	JOPLIN MO	124.7	LIC	BLEDT	-20060620ABP
25	KOZJ-DT	JOPLIN MO	124.7	PLN	DTVPLN	-DTVP0606
26	KOZJ	JOPLIN MO	124.7	LIC	BLET	-20060427ABK
27	KFTA-TV	FORT SMITH AR	34.3	LIC	BLCDDT	-20060912ACY
27	KPOM-DT	FORT SMITH AR	34.3	PLN	DTVPLN	-DTVP0662
27	KFTA-TV	FORT SMITH AR	34.3	APP	BPCDDT	-20090129ANN
27	KFTA-TV	FORT SMITH AR	34.3	APP	BMPCDDT	-20040803ABV
28	960711LJ	RUSSELLVILLE AR	101.4	APP	BPET	-19960711LJ
28	KSFX-TV	SPRINGFIELD MO	167.7	CP MOD	BMPCDDT	-20070116AAC
28	KDEB-DT	SPRINGFIELD MO	166.3	PLN	DTVPLN	-DTVP0716
28	KTPX	OKMULGEE OK	184.8	LIC	BLCDDT	-20020510AAQ
28	KGLB-DT	OKMULGEE OK	184.8	PLN	DTVPLN	-DTVP0723
29	KPTS-DT	HUTCHINSON KS	398.4	PLN	DTVPLN	-DTVP0743
29	KAQS-DT	SHAWNEE OK	305.1	PLN	DTVPLN	-DTVP0758
29	KTUZ-TV	SHAWNEE OK	310.9	CP MOD	BMPCDDT	-20060707AFM
29	WKNO	MEMPHIS TN	396.8	CP MOD	BMPEDT	-20021112ACA
29	WKNO-DT	MEMPHIS TN	396.8	PLN	DTVPLN	-DTVP0767
29	WKNO	MEMPHIS TN	396.8	LIC	BLEDT	-20060627ABE
30	KLRT-TV	LITTLE ROCK AR	197.7	LIC	BLCDDT	-20020507AAK
30	KLRT-DT	LITTLE ROCK AR	197.7	PLN	DTVPLN	-DTVP0775
30	KOAM-DT	PITTSBURG KS	145.0	PLN	DTVPLN	-DTVP0787
31	KWBM	HARRISON AR	119.2	LIC	BLCT	-20010102AAZ
36	KKAP	LITTLE ROCK AR	197.4	LIC	BLET	-20010514ABD
43	KODE-DT	JOPLIN MO	124.7	PLN	DTVPLN	-DTVP1231
44	KTPX	OKMULGEE OK	184.8	LIC	BLCT	-19970630KF
29	KHFW-LP	DENISON TX	372.8	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 17

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
29	KSJA-CA	NASHVILLE AR	BDISTTA	-20080805ABF

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
21	KHBS-DT	FORT SMITH AR	145.5	PLN	DTVPLN	-DTVP0427
21	KHBS	FORT SMITH AR	145.5	LIC	BLCDDT	-20031121AMR
21	KPXJ	MINDEN LA	142.7	LIC	BLCDDT	-20050930AAL
25	KLTS-DT	SHREVEPORT LA	143.5	PLN	DTVPLN	-DTVP0604

FIGURE 2—OET-69 STUDY FOR KHFW-LP, DENISON, TX (CH 29D)

26	KVTH	HOT SPRINGS AR	84.8	CP	BPCDT	-20080331APY
29	K29DC	EL DORADO AR	129.5	LIC	BLTTL	-20001213ACL
29	KHOG-TV	FAYETTEVILLE AR	229.0	LIC	BLCT	-19980109KF
29	KAQS-DT	SHAWNEE OK	352.7	PLN	DTVPLN	-DTVP0758
29	KTUZ-TV	SHAWNEE OK	378.1	CP MOD	BMPCDT	-20060707AFM
29	WKNO	MEMPHIS TN	389.6	CP MOD	BMPEDT	-20021112ACA
29	WKNO-DT	MEMPHIS TN	389.6	PLN	DTVPLN	-DTVP0767
29	WKNO	MEMPHIS TN	389.6	LIC	BLEDT	-20060627ABE
29	KMPX	DECATUR TX	329.6	LIC	BLCT	-20050707ABJ
29	NEW	PLANO TX	311.9	ADD	BPRM	-19960725AAS
30	970331LG	EL DORADO AR	129.5	APP	BPET	-19970331LG
44	KSHV	SHREVEPORT LA	144.9	LIC	BLCDT	-20060215ACP
44	KSHV-DT	SHREVEPORT LA	144.8	PLN	DTVPLN	-DTVP1266
29	KHFW-LP	DENISON TX	281.8	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 18

Analysis of current record

Channel	Call	City/State	Application Ref. No.
29	KSJA-CA	NASHVILLE AR	BDISTTA -20070108ABP

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
21	KHBS-DT	FORT SMITH AR	145.5	PLN	DTVPLN -DTVP0427
21	KHBS	FORT SMITH AR	145.5	LIC	BLCDT -20031121AMR
21	KPXJ	MINDEN LA	142.7	LIC	BLCDT -20050930AAL
25	KLTS-DT	SHREVEPORT LA	143.5	PLN	DTVPLN -DTVP0604
26	KVTH	HOT SPRINGS AR	84.8	CP	BPCDT -20080331APY
29	K29DC	EL DORADO AR	129.5	LIC	BLTTL -20001213ACL
29	KHOG-TV	FAYETTEVILLE AR	229.0	LIC	BLCT -19980109KF
29	KAQS-DT	SHAWNEE OK	352.7	PLN	DTVPLN -DTVP0758
29	KTUZ-TV	SHAWNEE OK	378.1	CP MOD	BMPCDT -20060707AFM
29	WKNO	MEMPHIS TN	389.6	CP MOD	BMPEDT -20021112ACA
29	WKNO-DT	MEMPHIS TN	389.6	PLN	DTVPLN -DTVP0767
29	WKNO	MEMPHIS TN	389.6	LIC	BLEDT -20060627ABE
29	KMPX	DECATUR TX	329.6	LIC	BLCT -20050707ABJ
29	NEW	PLANO TX	311.9	ADD	BPRM -19960725AAS
30	970331LG	EL DORADO AR	129.5	APP	BPET -19970331LG
44	KSHV	SHREVEPORT LA	144.9	LIC	BLCDT -20060215ACP
44	KSHV-DT	SHREVEPORT LA	144.8	PLN	DTVPLN -DTVP1266
29	KHFW-LP	DENISON TX	281.8	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 19

Analysis of current record

Channel	Call	City/State	Application Ref. No.
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FIGURE 2—OET-69 STUDY FOR KHFW-LP, DENISON, TX (CH 29D)

29 KSJA-CA NASHVILLE AR BSTA -20070109AAP

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
21	KHBS-DT	FORT SMITH AR	145.5	PLN	DTVPLN	-DTVP0427
21	KHBS	FORT SMITH AR	145.5	LIC	BLCDDT	-20031121AMR
21	KPXJ	MINDEN LA	142.7	LIC	BLCDDT	-20050930AAL
25	KLTS-DT	SHREVEPORT LA	143.5	PLN	DTVPLN	-DTVP0604
26	KVTH	HOT SPRINGS AR	84.8	CP	BPCDDT	-20080331APY
29	K29DC	EL DORADO AR	129.5	LIC	BLTTT	-20001213ACL
29	KHOG-TV	FAYETTEVILLE AR	229.0	LIC	BLCT	-19980109KF
29	KAQS-DT	SHAWNEE OK	352.7	PLN	DTVPLN	-DTVP0758
29	KTUZ-TV	SHAWNEE OK	378.1	CP MOD	BMPCDDT	-20060707AFM
29	WKNO	MEMPHIS TN	389.6	CP MOD	BMPEDT	-20021112ACA
29	WKNO-DT	MEMPHIS TN	389.6	PLN	DTVPLN	-DTVP0767
29	WKNO	MEMPHIS TN	389.6	LIC	BLEDT	-20060627ABE
29	KMPX	DECATUR TX	329.6	LIC	BLCT	-20050707ABJ
29	NEW	PLANO TX	311.9	ADD	BPRM	-19960725AAS
30	970331LG	EL DORADO AR	129.5	APP	BPET	-19970331LG
44	KSHV	SHREVEPORT LA	144.9	LIC	BLCDDT	-20060215ACP
44	KSHV-DT	SHREVEPORT LA	144.8	PLN	DTVPLN	-DTVP1266
29	KHFW-LP	DENISON TX	281.8	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 20

Analysis of current record

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

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
28	K28JX-D	ALVA - CHEROKEE OK	171.0	CP	BDCCDDT	-20061024ADZ
28	K28JW-D	MEMPHIS, ETC. TX	136.0	CP	BDCCDDT	-20061023AGF
29	KPTS-DT	HUTCHINSON KS	328.1	PLN	DTVPLN	-DTVP0743
29	KAQS-DT	SHAWNEE OK	175.4	PLN	DTVPLN	-DTVP0758
29	KTUZ-TV	SHAWNEE OK	163.0	CP MOD	BMPCDDT	-20060707AFM
29	K29HY-D	STRONG CITY OK	55.4	CP	BDCCDDT	-20061030ADJ
29	K29HZ-D	WOODWARD, ETC. OK	134.3	CP	BDCCDDT	-20061024AAI
29	KRBC-TV	ABILENE TX	343.7	LIC	BLCDDT	-20070831AAK
29	KRBC-DT	ABILENE TX	344.0	PLN	DTVPLN	-DTVP0768
29	K29BR	CANADIAN, ETC. TX	125.6	LIC	BLTT	-19880613IH
29	KMPX	DECATUR TX	373.7	LIC	BLCT	-20050707ABJ
29	NEW	PLANO TX	350.6	ADD	BPRM	-19960725AAS
29	K29BH	WELLINGTON, ETC. TX	106.2	LIC	BLTT	-19880623ID
30	K30AE	ALVA OK	171.2	CP	BDFCDTA	-20060630AHT
30	K30JP-D	SAYRE OK	46.4	CP	BDCCDDT	-20061030ADL
44	K44AP	ELK CITY, ETC. OK	0.0	LIC	BLTT	-19841025IA
44	K44IW-D	HOLLIS OK	84.2	CP	BDCCDDT	-20061030ACW
29	KHFW-LP	DENISON TX	301.5	APP	USERRECORD-01	

Proposal causes no interference

FIGURE 2—OET-69 STUDY FOR KHFW-LP, DENISON, TX (CH 29D)

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Analysis of Interference to Affected Station 21

DTV Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
29	KAQS-DT	SHAWNEE OK	DTVPLN	-DTVP0758

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
28	KGLB-DT	OKMULGEE OK	125.7	PLN	DTVPLN	-DTVP0723
28	KFDX-DT	WICHITA FALLS TX	190.6	PLN	DTVPLN	-DTVP0729
29	KHOGTV	FAYETTEVILLE AR	305.1	PLN	DTVPLN	-NPLN1349
29	KPTS-DT	HUTCHINSON KS	310.9	PLN	DTVPLN	-DTVP0743
29	KRBC-DT	ABILENE TX	399.9	PLN	DTVPLN	-DTVP0768
29	KMPX	DECATUR TX	270.5	PLN	DTVPLN	-NPLN1367
29	DNCE	GUYMON OK	403.3	PLN	DTVPLN	-NPLN1372
30	KAQS	SHAWNEE OK	0.0	PLN	DTVPLN	-NPLN1388

Results for: 29A OK SHAWNEE DTVPLN DTVP0758 PLN
 HAAT 255.0 m, ATV ERP 207.0 kW

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

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
30	KAQS	SHAWNEE OK	DTVPLN	-NPLN1388

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
23	KOKITV	TULSA OK	171.2	PLN	DTVPLN	-NPLN1187
26	KTEN-DT	ADA OK	124.6	PLN	DTVPLN	-DTVP0649
27	KFOR-DT	OKLAHOMA CITY OK	34.8	PLN	DTVPLN	-DTVP0684
28	KGLB-DT	OKMULGEE OK	125.7	PLN	DTVPLN	-DTVP0723
29	KAQS-DT	SHAWNEE OK	0.0	PLN	DTVPLN	-DTVP0758
30	KOAM-DT	PITTSBURG KS	319.5	PLN	DTVPLN	-DTVP0787
30	KMPX-DT	DECATUR TX	270.5	PLN	DTVPLN	-DTVP0803
31	NEW	ELK CITY OK	196.4	PLN	DTVPLN	-NPLN1414
31	KOET-DT	EUFAULA OK	181.7	PLN	DTVPLN	-DTVP0836
32	KETA-DT	OKLAHOMA CITY OK	33.2	PLN	DTVPLN	-DTVP0875
33	KOCB-DT	OKLAHOMA CITY OK	33.8	PLN	DTVPLN	-DTVP0913
34	KOCB	OKLAHOMA CITY OK	33.8	PLN	DTVPLN	-NPLN1480
44	KGLBTB	OKMULGEE OK	125.7	PLN	DTVPLN	-NPLN1668

Results for: 30N OK SHAWNEE DTVPLN NPLN1388 PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	1091468	20227.7

FIGURE 2—OET-69 STUDY FOR KHFW-LP, DENISON, TX (CH 29D)

not affected by terrain losses	1090877	20116.1
lost to NTSC IX	6293	293.9
lost to additional IX by ATV	2600	124.5
lost to all IX	8893	418.4

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
29	KTUZ-TV	SHAWNEE OK	BMPCDT	-20060707AFM

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
28	KTPX	OKMULGEE OK	126.6	LIC	BLCDT	-20020510AAQ
28	KGLB-DT	OKMULGEE OK	126.6	PLN	DTVPLN	-DTVP0723
28	KFDX-DT	WICHITA FALLS TX	209.8	PLN	DTVPLN	-DTVP0729
29	KHOG-TV	FAYETTEVILLE AR	310.9	LIC	BLCT	-19980109KF
29	KPTS-DT	HUTCHINSON KS	278.6	PLN	DTVPLN	-DTVP0743
29	KRBC-TV	ABILENE TX	413.6	LIC	BLCDT	-20070831AAK
29	KRBC-DT	ABILENE TX	419.0	PLN	DTVPLN	-DTVP0768
29	KMPX	DECATUR TX	333.7	LIC	BLCT	-20050707ABJ
29	NEW	PLANO TX	303.3	ADD	BPRM	-19960725AAS
29	KHFW-LP	DENISON TX	232.8	APP	USERRECORD-01	

Total scenarios = 4

Result key: 22

Scenario 1 Affected station 21 KTUZ-TV

Before Analysis

Results for: 29A OK SHAWNEE BMPCDT 20060707AFM CP

HAAT 474.0 m, ATV ERP 770.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1320502	39343.8
not affected by terrain losses	1319724	39126.4
lost to NTSC IX	1502	262.0
lost to additional IX by ATV	6966	751.4
lost to ATV IX only	7465	825.8
lost to all IX	8468	1013.4

Potential Interfering Stations Included in above Scenario 1

29N AR FAYETTEVILLE	BLCT	19980109KF	LIC
29N TX DECATUR	BLCT	20050707ABJ	LIC
28A OK OKMULGEE	BLCDT	20020510AAQ	LIC
29A KS HUTCHINSON	DTVPLN	DTVP0743	PLN

After Analysis

Results for: 29A OK SHAWNEE BMPCDT 20060707AFM CP

HAAT 474.0 m, ATV ERP 770.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1320502	39343.8
not affected by terrain losses	1319724	39126.4
lost to NTSC IX	1502	262.0
lost to additional IX by ATV	7275	799.0
lost to ATV IX only	8032	934.0

FIGURE 2—OET-69 STUDY FOR KHFW-LP, DENISON, TX (CH 29D)

lost to all IX 8777 1061.1

Potential Interfering Stations Included in above Scenario 1

29N AR FAYETTEVILLE	BLCT	19980109KF	LIC
29N TX DECATUR	BLCT	20050707ABJ	LIC
28A OK OKMULGEE	BLC DT	20020510AAQ	LIC
29A KS HUTCHINSON	DTVPLN	DTVP0743	PLN
29A TX DENISON	USERRECORD01		APP

Percent new IX = 0.0283%

Result key: 23

Scenario 2 Affected station 21 KTUZ-TV

Before Analysis

Results for: 29A OK SHAWNEE BMPCDT 20060707AFM CP

HAAT 474.0 m, ATV ERP 770.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1320502	39343.8
not affected by terrain losses	1319724	39126.4
lost to NTSC IX	1502	262.0
lost to additional IX by ATV	1852	434.7
lost to ATV IX only	2351	508.2
lost to all IX	3354	696.8

Potential Interfering Stations Included in above Scenario 2

29N AR FAYETTEVILLE	BLCT	19980109KF	LIC
29N TX DECATUR	BLCT	20050707ABJ	LIC
28A OK OKMULGEE	DTVPLN	DTVP0723	PLN
29A KS HUTCHINSON	DTVPLN	DTVP0743	PLN

After Analysis

Results for: 29A OK SHAWNEE BMPCDT 20060707AFM CP

HAAT 474.0 m, ATV ERP 770.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1320502	39343.8
not affected by terrain losses	1319724	39126.4
lost to NTSC IX	1502	262.0
lost to additional IX by ATV	2161	482.4
lost to ATV IX only	2918	616.4
lost to all IX	3663	744.4

Potential Interfering Stations Included in above Scenario 2

29N AR FAYETTEVILLE	BLCT	19980109KF	LIC
29N TX DECATUR	BLCT	20050707ABJ	LIC
28A OK OKMULGEE	DTVPLN	DTVP0723	PLN
29A KS HUTCHINSON	DTVPLN	DTVP0743	PLN
29A TX DENISON	USERRECORD01		APP

Percent new IX = 0.0283%

Result key: 24

Scenario 3 Affected station 21 KTUZ-TV

FIGURE 2—OET-69 STUDY FOR KHFW-LP, DENISON, TX (CH 29D)

Before Analysis

Results for: 29A OK SHAWNEE BMPCDT 20060707AFM CP
 HAAT 474.0 m, ATV ERP 770.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1320502	39343.8
not affected by terrain losses	1319724	39126.4
lost to NTSC IX	1502	262.0
lost to additional IX by ATV	6966	751.4
lost to ATV IX only	7465	825.8
lost to all IX	8468	1013.4

Potential Interfering Stations Included in above Scenario 3

29N AR FAYETTEVILLE	BLCT	19980109KF	LIC
29N TX DECATUR	BLCT	20050707ABJ	LIC
28A OK OKMULGEE	BLCDDT	20020510AAQ	LIC
29A KS HUTCHINSON	DTVPLN	DTVP0743	PLN

After Analysis

Results for: 29A OK SHAWNEE BMPCDT 20060707AFM CP
 HAAT 474.0 m, ATV ERP 770.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1320502	39343.8
not affected by terrain losses	1319724	39126.4
lost to NTSC IX	1502	262.0
lost to additional IX by ATV	7275	799.0
lost to ATV IX only	8032	934.0
lost to all IX	8777	1061.1

Potential Interfering Stations Included in above Scenario 3

29N AR FAYETTEVILLE	BLCT	19980109KF	LIC
29N TX DECATUR	BLCT	20050707ABJ	LIC
28A OK OKMULGEE	BLCDDT	20020510AAQ	LIC
29A KS HUTCHINSON	DTVPLN	DTVP0743	PLN
29A TX DENISON	USERRECORD01		APP

Percent new IX = 0.0283%

Result key: 25

Scenario 4 Affected station 21 KTUZ-TV

Before Analysis

Results for: 29A OK SHAWNEE BMPCDT 20060707AFM CP
 HAAT 474.0 m, ATV ERP 770.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1320502	39343.8
not affected by terrain losses	1319724	39126.4
lost to NTSC IX	1502	262.0
lost to additional IX by ATV	1852	434.7
lost to ATV IX only	2351	508.2
lost to all IX	3354	696.8

Potential Interfering Stations Included in above Scenario 4

FIGURE 2—OET-69 STUDY FOR KHFW-LP, DENISON, TX (CH 29D)

29N AR FAYETTEVILLE	BLCT	19980109KF	LIC
29N TX DECATUR	BLCT	20050707ABJ	LIC
28A OK OKMULGEE	DTVPLN	DTVP0723	PLN
29A KS HUTCHINSON	DTVPLN	DTVP0743	PLN

After Analysis

Results for: 29A OK SHAWNEE BMPCDT 20060707AFM CP
 HAAT 474.0 m, ATV ERP 770.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1320502	39343.8
not affected by terrain losses	1319724	39126.4
lost to NTSC IX	1502	262.0
lost to additional IX by ATV	2161	482.4
lost to ATV IX only	2918	616.4
lost to all IX	3663	744.4

Potential Interfering Stations Included in above Scenario 4

29N AR FAYETTEVILLE	BLCT	19980109KF	LIC
29N TX DECATUR	BLCT	20050707ABJ	LIC
28A OK OKMULGEE	DTVPLN	DTVP0723	PLN
29A KS HUTCHINSON	DTVPLN	DTVP0743	PLN
29A TX DENISON	USERRECORD01		APP

Percent new IX = 0.0283%

Worst case new IX 0.0283% Scenario 1

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Analysis of Interference to Affected Station 22

Analysis of current record

Channel	Call	City/State	Application Ref. No.
29	K29HY-D	STRONG CITY OK	BDCCDTT -20061030ADJ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
28	K28JX-D	ALVA - CHEROKEE OK	144.5	CP	BDCCDTT -20061024ADZ
28	K28BY	STRONG CITY OK	0.0	LIC	BLTT -19950127JE
28	K28JW-D	MEMPHIS, ETC. TX	142.5	CP	BDCCDTT -20061023AGF
29	KPTS-DT	HUTCHINSON KS	299.5	PLN	DTVPLN -DTVP0743
29	K29EI	ELK CITY, ETC. OK	55.4	LIC	BLTT -20031211ABL
29	KAQS-DT	SHAWNEE OK	211.0	PLN	DTVPLN -DTVP0758
29	KTUZ-TV	SHAWNEE OK	191.4	CP MOD	BMPCDT -20060707AFM
29	K29HZ-D	WOODWARD, ETC. OK	91.3	CP	BDCCDTT -20061024AAI
29	KRBC-TV	ABILENE TX	389.6	LIC	BLCDT -20070831AAK
29	KRBC-DT	ABILENE TX	388.8	PLN	DTVPLN -DTVP0768
29	K29BR	CANADIAN, ETC. TX	75.7	LIC	BLTT -19880613IH
30	K30AE	ALVA OK	144.6	CP	BDFCDTA -20060630AHT
30	K30JP-D	SAYRE OK	71.1	CP	BDCCDTT -20061030ADL
30	K30EF	STRONG CITY OK	0.0	LIC	BLTT -19940902IK
29	KHFW-LP	DENISON TX	354.7	APP	USERRECORD-01

FIGURE 2—OET-69 STUDY FOR KHFW-LP, DENISON, TX (CH 29D)

Proposal causes no interference

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Analysis of Interference to Affected Station 23

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
29	KTZT-CA	TULSA OK	BLTTL	-19991126AAQ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
22	KOKI-DT	TULSA OK	31.2	PLN	DTVPLN	-DTVP0500
22	KOKI-TV	TULSA OK	31.2	LIC	BLCDDT	-20021127AGL
26	NEW	TULSA OK	22.3	APP	BPRM	-20000717AEZ
26	960621KE	TULSA OK	12.4	APP	BPET	-19960621KE
28	KTPX	OKMULGEE OK	37.2	LIC	BLCDDT	-20020510AAQ
28	KGLB-DT	OKMULGEE OK	37.2	PLN	DTVPLN	-DTVP0723
29	KHOG-TV	FAYETTEVILLE AR	172.0	LIC	BLCT	-19980109KF
29	KPTS-DT	HUTCHINSON KS	264.4	PLN	DTVPLN	-DTVP0743
29	KAQS-DT	SHAWNEE OK	155.3	PLN	DTVPLN	-DTVP0758
29	KTUZ-TV	SHAWNEE OK	149.8	CP MOD	BMPCDDT	-20060707AFM
29	K29HY-D	STRONG CITY OK	326.1	CP	BDCCDDT	-20061030ADJ
29	K29HZ-D	WOODWARD, ETC. OK	297.8	CP	BDCCDDT	-20061024AAI
29	NEW	PLANO TX	374.3	ADD	BPRM	-19960725AAS
30	NEW	SPRINGDALE AR	161.9	APP	BDCCDDL	-20060926AJM
31	KOET-DT	EUFAULA OK	122.5	PLN	DTVPLN	-DTVP0836
36	KRSC-TV	CLAREMORE OK	44.1	LIC	BLEDT	-20061011AAM
36	KRSC-DT	CLAREMORE OK	44.1	PLN	DTVPLN	-DTVP1031
44	KTPX	OKMULGEE OK	37.2	LIC	BLCT	-19970630KF
29	KHFW-LP	DENISON TX	300.6	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 24

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
29	K29HZ-D	WOODWARD, ETC. OK	BDCCDDT	-20061024AAI

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
28	K28JX-D	ALVA - CHEROKEE OK	68.5	CP	BDCCDDT	-20061024ADZ
29	KSAS-LP	DODGE CITY KS	151.8	LIC	BLTTL	-19941209JF
29	KPTS-DT	HUTCHINSON KS	212.3	PLN	DTVPLN	-DTVP0743
29	KUVR-LD	MCCOOK NE	423.2	LIC	BLDTL	-20070619AAU
29	K29EI	ELK CITY, ETC. OK	134.3	LIC	BLTT	-20031211ABL
29	KAQS-DT	SHAWNEE OK	225.6	PLN	DTVPLN	-DTVP0758
29	KTUZ-TV	SHAWNEE OK	196.0	CP MOD	BMPCDDT	-20060707AFM
29	K29HY-D	STRONG CITY OK	91.3	CP	BDCCDDT	-20061030ADJ

FIGURE 2—OET-69 STUDY FOR KHFW-LP, DENISON, TX (CH 29D)

29	K29BR	CANADIAN, ETC. TX	110.8	LIC	BLTT	-19880613IH
30	K30GD	GREAT BEND KS	210.4	CP	BDFCDTT	-20060331ACT
30	K30AE	ALVA OK	68.6	CP	BDFCDTA	-20060630AHT
30	K30JP-D	SAYRE OK	162.0	CP	BDCCDTT	-20061030ADL
29	KHFW-LP	DENISON TX	403.6	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 25

DTV Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
29	KRBC-DT	ABILENE TX	DTVPLN	-DTVP0768

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
28	KFDX-DT	WICHITA FALLS TX	209.5	PLN	DTVPLN	-DTVP0729
29	KHFT	HOBBS NM	318.4	PLN	DTVPLN	-NPLN1363
29	KAQS-DT	SHAWNEE OK	399.9	PLN	DTVPLN	-DTVP0758
29	KYLE-DT	BRYAN TX	360.7	PLN	DTVPLN	-DTVP0769
29	KMPX	DECATUR TX	271.6	PLN	DTVPLN	-NPLN1367
29	KABB	SAN ANTONIO TX	361.3	PLN	DTVPLN	-NPLN1368

Results for: 29A TX ABILENE DTVPLN DTVP0768 PLN
HAAT 259.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	225102	27090.8
not affected by terrain losses	223437	26555.9
lost to NTSC IX	1403	142.1
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	1.0
lost to all IX	1403	142.1

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
09	KRBCTV	ABILENE TX	DTVPLN	-NPLN0625

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
08	KLST	SAN ANGELO TX	106.3	PLN	DTVPLN	-NPLN0570
09	KWTB	OKLAHOMA CITY OK	417.4	PLN	DTVPLN	-NPLN0619
09	KFDA-DT	AMARILLO TX	386.6	PLN	DTVPLN	-DTVP0060
09	WFAA-DT	DALLAS TX	261.1	PLN	DTVPLN	-DTVP0061
09	KWESTV	ODESSA TX	296.2	PLN	DTVPLN	-NPLN0628
09	KLRN	SAN ANTONIO TX	354.6	PLN	DTVPLN	-NPLN0629
10	KPCB-DT	SNYDER TX	121.7	PLN	DTVPLN	-DTVP0078

Results for: 9N TX ABILENE DTVPLN NPLN0625 PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	225102	27090.8

FIGURE 2—OET-69 STUDY FOR KHFW-LP, DENISON, TX (CH 29D)

not affected by terrain losses	217777	24891.3
lost to NTSC IX	13637	4978.1
lost to additional IX by ATV	6598	1218.8
lost to all IX	20235	6196.9

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
29	KRBC-TV	ABILENE TX	BLCDDT	-20070831AAK

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
28	KFDX-DT	WICHITA FALLS TX	203.8	PLN	DTVPLN	-DTVP0729
29	KUPT	HOBBS NM	331.7	CP MOD	BMPCDDT	-20081016AFL
29	KAQS-DT	SHAWNEE OK	393.7	PLN	DTVPLN	-DTVP0758
29	KTUZ-TV	SHAWNEE OK	413.6	CP MOD	BMPCDDT	-20060707AFM
29	KYLE-DT	BRYAN TX	348.6	PLN	DTVPLN	-DTVP0769
29	KMPX	DECATUR TX	249.1	LIC	BLCT	-20050707ABJ
29	NEW	PLANO TX	259.1	ADD	BPRM	-19960725AAS
29	KABB	SAN ANTONIO TX	355.3	LIC	BLCT	-19880210KF
29	KHFW-LP	DENISON TX	293.5	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 26

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
29	K29HW-D	AUSTIN TX	BDCCDDL	-20061027AAH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
28	KYLE	BRYAN TX	133.4	LIC	BLCT	-19970219KG
28	KYLE	BRYAN TX	133.4	CP MOD	BMPCDDT	-20080620AKH
29	KRBC-TV	ABILENE TX	283.1	LIC	BLCDDT	-20070831AAK
29	KRBC-DT	ABILENE TX	292.5	PLN	DTVPLN	-DTVP0768
29	KYLE-DT	BRYAN TX	133.4	PLN	DTVPLN	-DTVP0769
29	KJIB-LP	CLEAR LAKE TX	228.9	CP	BDISDDL	-20080514AGQ
29	NEW	CORPUS CHRISTI TX	260.1	APP	BSFDDL	-20060630AIY
29	K29IP-D	CORPUS CHRISTI TX	278.8	LIC	BLDDL	-20090210AAU
29	KMPX	DECATUR TX	266.2	LIC	BLCT	-20050707ABJ
29	NEW	PLANO TX	297.6	ADD	BPRM	-19960725AAS
29	KABB	SAN ANTONIO TX	121.9	LIC	BLCT	-19880210KF
30	K30JA-D	KILLEEN TX	88.3	CP	BDCCDDL	-20060914ABK
30	KABB-DT	SAN ANTONIO TX	121.9	PLN	DTVPLN	-DTVP0805
30	KABB	SAN ANTONIO TX	121.9	CP	BPCDDT	-19991028AAR
29	KHFW-LP	DENISON TX	371.2	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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FIGURE 2—OET-69 STUDY FOR KHFW-LP, DENISON, TX (CH 29D)

Analysis of Interference to Affected Station 27

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
29	KMPX	DECATUR TX	DTVPLN	-NPLN1367

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
21	KTXA	FORT WORTH TX	31.6	PLN	DTVPLN	-NPLN1127
27	KDFITV	DALLAS TX	31.6	PLN	DTVPLN	-NPLN1317
28	KFDX-DT	WICHITA FALLS TX	189.2	PLN	DTVPLN	-DTVP0729
29	KAQS-DT	SHAWNEE OK	270.5	PLN	DTVPLN	-DTVP0758
29	KRBC-DT	ABILENE TX	271.6	PLN	DTVPLN	-DTVP0768
29	KYLE-DT	BRYAN TX	247.1	PLN	DTVPLN	-DTVP0769
30	KMPX-DT	DECATUR TX	0.0	PLN	DTVPLN	-DTVP0803
32	KDAF-DT	DALLAS TX	31.6	PLN	DTVPLN	-DTVP0882
33	KDAF	DALLAS TX	31.6	PLN	DTVPLN	-NPLN1459
36	KDFI-DT	DALLAS TX	31.6	PLN	DTVPLN	-DTVP1035
43	KDTN-DT	DENTON TX	31.6	PLN	DTVPLN	-DTVP1245
44	KWKT	WACO TX	177.2	PLN	DTVPLN	-NPLN1672

Results for: 29N TX DECATUR	DTVPLN	NPLN1367	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	3743174	12565.6	
not affected by terrain losses	3741166	12433.6	
lost to NTSC IX	28841	508.9	
lost to additional IX by ATV	3858	174.0	
lost to all IX	32699	682.8	

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
29	KMPX	DECATUR TX	BLCT	-20050707ABJ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
21	KTXA	FORT WORTH TX	0.2	LIC	BLCT	-19801231KF
22	KAUZ-TV	WICHITA FALLS TX	206.4	APP	BSTA	-20081124AJV
25	NEW	LEONARD TX	110.6	APP	BPRM	-20040317AFI
27	KDFI	DALLAS TX	5.1	LIC	BLCT	-20010720ACB
28	KFDX-DT	WICHITA FALLS TX	206.6	PLN	DTVPLN	-DTVP0729
29	KAQS-DT	SHAWNEE OK	301.1	PLN	DTVPLN	-DTVP0758
29	KTUZ-TV	SHAWNEE OK	333.7	CP MOD	BMPCDT	-20060707AFM
29	KRBC-TV	ABILENE TX	249.1	LIC	BLCDDT	-20070831AAK
29	KRBC-DT	ABILENE TX	262.1	PLN	DTVPLN	-DTVP0768
29	KYLE-DT	BRYAN TX	217.3	PLN	DTVPLN	-DTVP0769
29	KABB	SAN ANTONIO TX	387.0	LIC	BLCT	-19880210KF
30	KMPX-DT	DECATUR TX	31.7	PLN	DTVPLN	-DTVP0803
30	KMPX	DECATUR TX	0.0	LIC	BLCDDT	-20060317AGE
32	KDAF	DALLAS TX	5.1	LIC	BLCDDT	-20010606ABJ
32	KDAF-DT	DALLAS TX	0.2	PLN	DTVPLN	-DTVP0882
33	KDAF	DALLAS TX	5.1	LIC	BLCT	-20000821ACP
33	KDAF	DALLAS TX	5.1	APP	BSTA	-20090219ABG
36	KDFI	DALLAS TX	5.1	CP	BPCDDT	-20080723AAS

FIGURE 2—OET-69 STUDY FOR KHFW-LP, DENISON, TX (CH 29D)

36	KDFI-DT	DALLAS TX	0.2	PLN	DTVPLN	-DTVP1035
43	KDTN	DENTON TX	5.1	LIC	BLEDT	-20040301AAH
43	KDTN-DT	DENTON TX	0.2	PLN	DTVPLN	-DTVP1245
44	KWKT	WACO TX	145.6	LIC	BLCT	-20050314AFV
29	KHFW-LP	DENISON TX	106.0	APP	USERRECORD-01	

Total scenarios = 8

Result key: 26

Scenario 1 Affected station 27 KMPX

Before Analysis

Results for: 29N TX DECATUR	BLCT	20050707ABJ	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	4076681	27867.1	
not affected by terrain losses	4072782	27501.8	
lost to NTSC IX	4425	177.1	
lost to additional IX by ATV	9378	711.5	
lost to all IX	13803	888.7	

Potential Interfering Stations Included in above Scenario 1

27N TX DALLAS	BLCT	20010720ACB	LIC
33N TX DALLAS	BLCT	20000821ACP	LIC
44N TX WACO	BLCT	20050314AFV	LIC
29A OK SHAWNEE	DTVPLN	DTVP0758	PLN
29A TX ABILENE	BLCDT	20070831AAK	LIC
30A TX DECATUR	DTVPLN	DTVP0803	PLN
43A TX DENTON	BLEDT	20040301AAH	LIC

After Analysis

Results for: 29N TX DECATUR	BLCT	20050707ABJ	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	4076681	27867.1	
not affected by terrain losses	4072782	27501.8	
lost to NTSC IX	4425	177.1	
lost to additional IX by ATV	761357	8873.7	
lost to all IX	765782	9050.9	

Potential Interfering Stations Included in above Scenario 1

27N TX DALLAS	BLCT	20010720ACB	LIC
33N TX DALLAS	BLCT	20000821ACP	LIC
44N TX WACO	BLCT	20050314AFV	LIC
29A OK SHAWNEE	DTVPLN	DTVP0758	PLN
29A TX ABILENE	BLCDT	20070831AAK	LIC
30A TX DECATUR	DTVPLN	DTVP0803	PLN
43A TX DENTON	BLEDT	20040301AAH	LIC
29A TX DENISON	USERRECORD01		APP

The following station failed the de minimis interference criteria.

29D TX DENISON	USERRECORD01
ERP 12.00 kW HAAT 607.0 m RCAMSL 825.0 m	
Antenna none	

FIGURE 2—OET-69 STUDY FOR KHFW-LP, DENISON, TX (CH 29D)

Due to interference to the following station and scenario: 1
 29N TX DECATUR BLCT 20050707ABJ
 ERP 5000.00 kW HAAT 544.0 m RCAMSL 735.0 m
 Antenna CDB 00000000064816

Percent new DTV interference without proposal: 0.3 BLCT 20050707ABJ
 Percent new DTV interference with proposal: 18.8 BLCT 20050707ABJ

Worst case new IX 18.4459% Scenario 1

(NOTE: WORST-CASE SCENARIO TO THIS AFFECTED STATION IS SHOWN—ALL OTHERS HAVE BEEN REMOVE. ALL REMOVED SCENARIOS SHOW THE SAME OR LESS NEW INTERFERENCE THAN SHOWN BY THE WORST-CASE SCENARIO.)

(NOTE: THIS AFFECTED STATION IS ADEQUATELY PROTECTED WHEN USING THE POST-TRANSITION DATABASE—SEE FIGURE 3, ATTACHED. THE APPLICANT HAS EITHER OBTAINED A CONSENT FROM THE AFFECTED STATION REGARDING THE CURRENT INTERFERENCE CAUSED, OR THE APPLICANT IS REQUESTING A WAIVER OF PROTECTION TO THIS AFFECTED STATION.)

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Analysis of Interference to Affected Station 28

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
29	NEW	PLANO TX	BPRM	-19960725AAS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
21	KTXA	FORT WORTH TX	31.6	LIC	BLCT	-19801231KF
22	KAUZ-TV	WICHITA FALLS TX	188.7	APP	BSTA	-20081124AJV
25	NEW	LEONARD TX	84.5	APP	BPRM	-20040317AFI
27	KDFI	DALLAS TX	36.6	LIC	BLCT	-20010720ACB
28	KFDX-DT	WICHITA FALLS TX	189.2	PLN	DTVPLN	-DTVP0729
29	KAQS-DT	SHAWNEE OK	270.5	PLN	DTVPLN	-DTVP0758
29	KTUZ-TV	SHAWNEE OK	303.3	CP MOD	BMPCDT	-20060707AFM
29	KRBC-TV	ABILENE TX	259.1	LIC	BLCDDT	-20070831AAK
29	KRBC-DT	ABILENE TX	271.6	PLN	DTVPLN	-DTVP0768
29	KYLE-DT	BRYAN TX	247.1	PLN	DTVPLN	-DTVP0769
30	KMPX-DT	DECATUR TX	0.0	PLN	DTVPLN	-DTVP0803
30	KMPX	DECATUR TX	31.7	LIC	BLCDDT	-20060317AGE
32	KDAF	DALLAS TX	36.6	LIC	BLCDDT	-20010606ABJ
32	KDAF-DT	DALLAS TX	31.6	PLN	DTVPLN	-DTVP0882
33	KDAF	DALLAS TX	36.6	LIC	BLCT	-20000821ACP
33	KDAF	DALLAS TX	36.6	APP	BSTA	-20090219ABG
36	KDFI	DALLAS TX	36.6	CP	BPCDDT	-20080723AAS
36	KDFI-DT	DALLAS TX	31.6	PLN	DTVPLN	-DTVP1035
43	KDTN	DENTON TX	36.6	LIC	BLEDT	-20040301AAH
43	KDTN-DT	DENTON TX	31.6	PLN	DTVPLN	-DTVP1245
44	KWKT	WACO TX	177.1	LIC	BLCT	-20050314AFV
29	KHFW-LP	DENISON TX	74.3	APP	USERRECORD-01	

Total scenarios = 4

FIGURE 2—OET-69 STUDY FOR KHFW-LP, DENISON, TX (CH 29D)

Result key: 34
 Scenario 1 Affected station 28 NEW
 Before Analysis

Results for: 29N TX PLANO	BPRM	19960725AAS	ADD
	POPULATION	AREA (sq km)	
within Noise Limited Contour	38	4.0	
not affected by terrain losses	38	4.0	
lost to NTSC IX	28	2.0	
lost to additional IX by ATV	10	2.0	
lost to all IX	38	4.0	

Potential Interfering Stations Included in above Scenario 1

21N TX FORT WORTH	BLCT	19801231KF	LIC
30A TX DECATUR	DTVPLN	DTVP0803	PLN

After Analysis

Results for: 29N TX PLANO	BPRM	19960725AAS	ADD
	POPULATION	AREA (sq km)	
within Noise Limited Contour	38	4.0	
not affected by terrain losses	38	4.0	
lost to NTSC IX	28	2.0	
lost to additional IX by ATV	10	2.0	
lost to all IX	38	4.0	

Potential Interfering Stations Included in above Scenario 1

21N TX FORT WORTH	BLCT	19801231KF	LIC
30A TX DECATUR	DTVPLN	DTVP0803	PLN
29A TX DENISON	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 35
 Scenario 2 Affected station 28 NEW
 Before Analysis

Results for: 29N TX PLANO	BPRM	19960725AAS	ADD
	POPULATION	AREA (sq km)	
within Noise Limited Contour	38	4.0	
not affected by terrain losses	38	4.0	
lost to NTSC IX	28	2.0	
lost to additional IX by ATV	10	2.0	
lost to all IX	38	4.0	

Potential Interfering Stations Included in above Scenario 2

21N TX FORT WORTH	BLCT	19801231KF	LIC
30A TX DECATUR	BLCDT	20060317AGE	LIC

After Analysis

Results for: 29N TX PLANO	BPRM	19960725AAS	ADD
	POPULATION	AREA (sq km)	

FIGURE 2—OET-69 STUDY FOR KHFW-LP, DENISON, TX (CH 29D)

within Noise Limited Contour	38	4.0
not affected by terrain losses	38	4.0
lost to NTSC IX	28	2.0
lost to additional IX by ATV	10	2.0
lost to all IX	38	4.0

Potential Interfering Stations Included in above Scenario 2

21N TX FORT WORTH	BLCT	19801231KF	LIC
30A TX DECATUR	BLCDT	20060317AGE	LIC
29A TX DENISON	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 36

Scenario 3 Affected station 28 NEW

Before Analysis

Results for: 29N TX PLANO

	BPRM	19960725AAS	ADD
	POPULATION	AREA (sq km)	
within Noise Limited Contour	38	4.0	
not affected by terrain losses	38	4.0	
lost to NTSC IX	28	2.0	
lost to additional IX by ATV	10	2.0	
lost to all IX	38	4.0	

Potential Interfering Stations Included in above Scenario 3

21N TX FORT WORTH	BLCT	19801231KF	LIC
30A TX DECATUR	DTVPLN	DTVP0803	PLN

After Analysis

Results for: 29N TX PLANO

	BPRM	19960725AAS	ADD
	POPULATION	AREA (sq km)	
within Noise Limited Contour	38	4.0	
not affected by terrain losses	38	4.0	
lost to NTSC IX	28	2.0	
lost to additional IX by ATV	10	2.0	
lost to all IX	38	4.0	

Potential Interfering Stations Included in above Scenario 3

21N TX FORT WORTH	BLCT	19801231KF	LIC
30A TX DECATUR	DTVPLN	DTVP0803	PLN
29A TX DENISON	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 37

Scenario 4 Affected station 28 NEW

Before Analysis

Results for: 29N TX PLANO

	BPRM	19960725AAS	ADD
	POPULATION	AREA (sq km)	
within Noise Limited Contour	38	4.0	
not affected by terrain losses	38	4.0	

FIGURE 2—OET-69 STUDY FOR KHFW-LP, DENISON, TX (CH 29D)

lost to NTSC IX	28	2.0
lost to additional IX by ATV	10	2.0
lost to all IX	38	4.0

Potential Interfering Stations Included in above Scenario 4

21N TX FORT WORTH	BLCT	19801231KF	LIC
30A TX DECATUR	BLCDDT	20060317AGE	LIC

After Analysis

Results for: 29N TX PLANO	BPRM	19960725AAS	ADD
	POPULATION	AREA (sq km)	
within Noise Limited Contour	38	4.0	
not affected by terrain losses	38	4.0	
lost to NTSC IX	28	2.0	
lost to additional IX by ATV	10	2.0	
lost to all IX	38	4.0	

Potential Interfering Stations Included in above Scenario 4

21N TX FORT WORTH	BLCT	19801231KF	LIC
30A TX DECATUR	BLCDDT	20060317AGE	LIC
29A TX DENISON	USERRECORD01		APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

#####

Analysis of Interference to Affected Station 29

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
29	K29FR	QUANAH TX	BLTT	-20051129AEF

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
22	KAUZ-DT	WICHITA FALLS TX	115.4	PLN	DTVPLN	-DTVP0508
22	KAUZ-TV	WICHITA FALLS TX	115.4	APP	BSTA	-20081124AJV
28	NEW	ABILENE TX	195.7	APP	BSFDTL	-20060630CCF
28	NEW	ABILENE TX	200.6	APP	BSFDTL	-20060630CJY
28	NEW	ABILENE TX	186.7	APP	BDCCDTL	-20081215AAV
28	K28JW-D	MEMPHIS, ETC. TX	103.4	CP	BDCCDTT	-20061023AGF
28	KFDX-DT	WICHITA FALLS TX	114.3	PLN	DTVPLN	-DTVP0729
29	KUPT	HOBBS NM	352.8	CP MOD	BMPCDT	-20081016AFL
29	K29EI	ELK CITY, ETC. OK	134.2	LIC	BLTT	-20031211ABL
29	KAQS-DT	SHAWNEE OK	249.1	PLN	DTVPLN	-DTVP0758
29	KTUZ-TV	SHAWNEE OK	254.0	CP MOD	BMPCDT	-20060707AFM
29	K29HY-D	STRONG CITY OK	175.2	CP	BDCCDTT	-20061030ADJ
29	K29HZ-D	WOODWARD, ETC. OK	264.9	CP	BDCCDTT	-20061024AAI
29	KRBC-TV	ABILENE TX	215.4	LIC	BLCDDT	-20070831AAK
29	KRBC-DT	ABILENE TX	213.9	PLN	DTVPLN	-DTVP0768

FIGURE 2—OET-69 STUDY FOR KHFW-LP, DENISON, TX (CH 29D)

29	KMPX	DECATUR TX	313.7	LIC	BLCT	-20050707ABJ
29	K69IT	MIDLAND TX	340.3	APP	BDISDTL	-20080428ABC
29	NEW	PLANO TX	300.1	ADD	BPRM	-19960725AAS
29	K29BH	WELLINGTON, ETC. TX	74.9	LIC	BLTT	-19880623ID
30	K30JP-D	SAYRE OK	104.5	CP	BDCCDTT	-20061030ADL
44	K44IW-D	HOLLIS OK	59.3	CP	BDCCDTT	-20061030ACW
29	KHFW-LP	DENISON TX	278.2	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 30

Analysis of current record

Channel	Call	City/State	Application Ref. No.
29	K29BH	WELLINGTON, ETC. TX	BLTT -19880623ID

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
28	K28JW-D	MEMPHIS, ETC. TX	37.8	CP	BDCCDTT -20061023AGF
29	KUPT	HOBBS NM	351.8	CP MOD	BMPCDT -20081016AFL
29	K29EI	ELK CITY, ETC. OK	106.2	LIC	BLTT -20031211ABL
29	KAQS-DT	SHAWNEE OK	265.9	PLN	DTVPLN -DTVP0758
29	KTUZ-TV	SHAWNEE OK	261.0	CP MOD	BMPCDT -20060707AFM
29	K29HY-D	STRONG CITY OK	125.2	CP	BDCCDTT -20061030ADJ
29	K29HZ-D	WOODWARD, ETC. OK	215.9	CP	BDCCDTT -20061024AAI
29	KRBC-TV	ABILENE TX	282.5	LIC	BLCDT -20070831AAK
29	KRBC-DT	ABILENE TX	279.2	PLN	DTVPLN -DTVP0768
29	K29GD	AMARILLO TX	157.6	APP	BSTA -20070802AEH
29	KMPX	DECATUR TX	384.3	LIC	BLCT -20050707ABJ
29	K69IT	MIDLAND TX	363.2	APP	BDISDTL -20080428ABC
29	NEW	PLANO TX	368.3	ADD	BPRM -19960725AAS
29	K29FR	QUANAH TX	74.9	LIC	BLTT -20051129AEF
30	K30JP-D	SAYRE OK	60.7	CP	BDCCDTT -20061030ADL
44	K44IW-D	HOLLIS OK	35.1	CP	BDCCDTT -20061030ACW
29	KHFW-LP	DENISON TX	338.1	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 31

DTV Baseline Analysis

Channel	Call	City/State	Application Ref. No.
30	KMPX-DT	DECATUR TX	DTVPLN -DTVP0803

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
29	KMPX	DECATUR TX	0.0	PLN	DTVPLN -NPLN1367

FIGURE 2—OET-69 STUDY FOR KHFW-LP, DENISON, TX (CH 29D)

30	NEW	EL DORADO AR	421.7	PLN	DTVPLN	-NPLN1373
30	KVHP-DT	LAKE CHARLES LA	427.4	PLN	DTVPLN	-DTVP0789
30	KAQS	SHAWNEE OK	270.5	PLN	DTVPLN	-NPLN1388
30	KABB-DT	SAN ANTONIO TX	418.1	PLN	DTVPLN	-DTVP0805
31	KFXK-DT	LONGVIEW TX	196.8	PLN	DTVPLN	-DTVP0844

Results for: 30A TX DECATUR DTVPLN DTVP0803 PLN

HAAT 160.0 m, ATV ERP 99.3 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3743515	12565.6
not affected by terrain losses	3743220	12511.6
lost to NTSC IX	220	25.0
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	220	25.0

NTSC Baseline Analysis

Channel	Call	City/State	Application Ref. No.
29	KMPX	DECATUR TX	DTVPLN -NPLN1367

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
21	KTXA	FORT WORTH TX	31.6	PLN	DTVPLN -NPLN1127
27	KDFITV	DALLAS TX	31.6	PLN	DTVPLN -NPLN1317
28	KFDX-DT	WICHITA FALLS TX	189.2	PLN	DTVPLN -DTVP0729
29	KAQS-DT	SHAWNEE OK	270.5	PLN	DTVPLN -DTVP0758
29	KRBC-DT	ABILENE TX	271.6	PLN	DTVPLN -DTVP0768
29	KYLE-DT	BRYAN TX	247.1	PLN	DTVPLN -DTVP0769
30	KMPX-DT	DECATUR TX	0.0	PLN	DTVPLN -DTVP0803
32	KDAF-DT	DALLAS TX	31.6	PLN	DTVPLN -DTVP0882
33	KDAF	DALLAS TX	31.6	PLN	DTVPLN -NPLN1459
36	KDFI-DT	DALLAS TX	31.6	PLN	DTVPLN -DTVP1035
43	KDTN-DT	DENTON TX	31.6	PLN	DTVPLN -DTVP1245
44	KWKT	WACO TX	177.2	PLN	DTVPLN -NPLN1672

Results for: 29N TX DECATUR DTVPLN NPLN1367 PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	3743174	12565.6
not affected by terrain losses	3741166	12433.6
lost to NTSC IX	28841	508.9
lost to additional IX by ATV	3858	174.0
lost to all IX	32699	682.8

Analysis of current record

Channel	Call	City/State	Application Ref. No.
30	KMPX	DECATUR TX	BLC DT -20060317AGE

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
29	KYLE-DT	BRYAN TX	217.3	PLN	DTVPLN -DTVP0769
29	KMPX	DECATUR TX	0.0	LIC	BLCT -20050707ABJ
29	NEW	PLANO TX	31.7	ADD	BPRM -19960725AAS
30	970331LG	EL DORADO AR	405.0	APP	BPET -19970331LG
30	960920KK	EL DORADO AR	427.0	APP	BPET -19960920KK
30	KVHP	LAKE CHARLES LA	410.7	CP	BPCDT -19990714LD

FIGURE 2—OET-69 STUDY FOR KHFW-LP, DENISON, TX (CH 29D)

30	KVHP-DT	LAKE CHARLES LA	410.7	PLN	DTVPLN	-DTVP0789
30	KABB-DT	SAN ANTONIO TX	387.0	PLN	DTVPLN	-DTVP0805
30	KABB	SAN ANTONIO TX	387.0	CP	BPCDT	-19991028AAR
31	KFXK	LONGVIEW TX	192.8	LIC	BLCDT	-20060705AAW
31	KFXK-DT	LONGVIEW TX	192.8	PLN	DTVPLN	-DTVP0844
29	KHFW-LP	DENISON TX	106.0	APP	USERRECORD-01	

Total scenarios = 2

Result key: 38

Scenario 1 Affected station 31 KMPX
Before Analysis

Results for: 30A TX DECATUR BLCDT 20060317AGE LIC
HAAT 544.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4211643	37445.5
not affected by terrain losses	4210279	37253.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	49	1.0
lost to ATV IX only	49	1.0
lost to all IX	49	1.0

Potential Interfering Stations Included in above Scenario 1

31A TX LONGVIEW BLCDT 20060705AAW LIC

After Analysis

Results for: 30A TX DECATUR BLCDT 20060317AGE LIC
HAAT 544.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4211643	37445.5
not affected by terrain losses	4210279	37253.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	22443	1116.7
lost to ATV IX only	22443	1116.7
lost to all IX	22443	1116.7

Potential Interfering Stations Included in above Scenario 1

31A TX LONGVIEW BLCDT 20060705AAW LIC
29A TX DENISON USERRECORD01 APP

The following station failed the de minimis interference criteria.

29D TX DENISON USERRECORD01
ERP 12.00 kW HAAT 607.0 m RCAMSL 825.0 m
Antenna none

Due to interference to the following station and scenario: 1
30D TX DECATUR BLCDT 20060317AGE
ERP 1000.00 kW HAAT 544.0 m RCAMSL 735.0 m
Antenna CDB 00000000065411

Percent Service lost without proposal: -12.5 to BLCDT 20060317AGE
Percent Service lost with proposal: -11.9 to BLCDT 20060317AGE

FIGURE 2—OET-69 STUDY FOR KHFW-LP, DENISON, TX (CH 29D)

Result key: 39
 Scenario 2 Affected station 31 KMPX
 Before Analysis

Results for: 30A TX DECATUR BLCDT 20060317AGE LIC
 HAAT 544.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4211643	37445.5
not affected by terrain losses	4210279	37253.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	49	1.0
lost to ATV IX only	49	1.0
lost to all IX	49	1.0

Potential Interfering Stations Included in above Scenario 2

31A TX LONGVIEW BLCDT 20060705AAW LIC

After Analysis

Results for: 30A TX DECATUR BLCDT 20060317AGE LIC
 HAAT 544.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4211643	37445.5
not affected by terrain losses	4210279	37253.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	22443	1116.7
lost to ATV IX only	22443	1116.7
lost to all IX	22443	1116.7

Potential Interfering Stations Included in above Scenario 2

31A TX LONGVIEW BLCDT 20060705AAW LIC
 29A TX DENISON USERRECORD01 APP

The following station failed the de minimis interference criteria.

29D TX DENISON USERRECORD01
 ERP 12.00 kW HAAT 607.0 m RCAMSL 825.0 m
 Antenna none

Due to interference to the following station and scenario: 2

30D TX DECATUR BLCDT 20060317AGE
 ERP 1000.00 kW HAAT 544.0 m RCAMSL 735.0 m
 Antenna CDB 00000000065411

Percent Service lost without proposal: -12.5 to BLCDT 20060317AGE
 Percent Service lost with proposal: -11.9 to BLCDT 20060317AGE

Worst case new IX 0.5983% Scenario 1

(NOTE: THIS AFFECTED STATION IS ADEQUATELY PROTECTED WHEN USING THE POST-TRANSITION DATABASE—SEE FIGURE 3, ATTACHED. THE APPLICANT HAS EITHER OBTAINED A CONSENT FROM THE AFFECTED STATION REGARDING THE CURRENT INTERFERENCE CAUSED, OR THE APPLICANT IS REQUESTING A WAIVER OF PROTECTION TO THIS AFFECTED STATION.)

FIGURE 2—OET-69 STUDY FOR KHFW-LP, DENISON, TX (CH 29D)

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Analysis of Interference to Affected Station 32

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
30	KHFW-LP	DENISON TX	BLTTL	-20080813AAS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
26	KTEN-DT	ADA OK	56.4	PLN	DTVPLN	-DTVP0649
26	KTEN	ADA OK	56.4	CP	BPCDT	-19991007AAW
29	NEW	PLANO TX	116.1	ADD	BPRM	-19960725AAS
30	970331LG	EL DORADO AR	357.6	APP	BPET	-19970331LG
30	KLRT-TV	LITTLE ROCK AR	382.7	LIC	BLCDT	-20020507AAK
30	KLRT-DT	LITTLE ROCK AR	382.7	PLN	DTVPLN	-DTVP0775
30	NEW	SPRINGDALE AR	330.6	APP	BDCCDTL	-20060926AJM
30	K30AE	ALVA OK	375.5	CP	BDFCDTA	-20060630AHT
30	K30JP-D	SAYRE OK	327.7	CP	BDCCDTT	-20061030ADL
30	KMPX-DT	DECATUR TX	116.1	PLN	DTVPLN	-DTVP0803
30	KMPX	DECATUR TX	147.2	LIC	BLCDT	-20060317AGE
30	K30JA-D	KILLEEN TX	329.6	CP	BDCCDTL	-20060914ABK
31	KLHO-LD	OKLAHOMA CITY OK	189.9	CP	BDCCDTL	-20061025ABH
31	K31GL-D	DE SOTO TX	147.2	LIC	BLDTL	-20081110AJA
45	NEW	MCALESTER OK	135.9	APP	BDCCDTT	-20061030AGP
29	KHFW-LP	DENISON TX	46.8	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 33

Analysis of current record

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

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
22	KAUZ-DT	WICHITA FALLS TX	0.5	PLN	DTVPLN	-DTVP0508
23	KSWO-DT	LAWTON OK	39.0	PLN	DTVPLN	-DTVP0538
28	KFDX-DT	WICHITA FALLS TX	1.5	PLN	DTVPLN	-DTVP0729
30	K30AE	ALVA OK	321.1	CP	BDFCDTA	-20060630AHT
30	K57BB	HOLLIS OK	149.4	CP	BDISTT	-20060719ABH
30	K30JP-D	SAYRE OK	175.9	CP	BDCCDTT	-20061030ADL
30	KMPX-DT	DECATUR TX	188.7	PLN	DTVPLN	-DTVP0803
30	KMPX	DECATUR TX	206.3	LIC	BLCDT	-20060317AGE
30	K30JA-D	KILLEEN TX	321.9	CP	BDCCDTL	-20060914ABK
31	KLHO-LD	OKLAHOMA CITY OK	191.3	CP	BDCCDTL	-20061025ABH
31	K31GL-D	DE SOTO TX	206.2	LIC	BLDTL	-20081110AJA

FIGURE 2—OET-69 STUDY FOR KHFW-LP, DENISON, TX (CH 29D)

29 KHFW-LP DENISON TX 163.2 APP USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 34

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
31	KGSW-LP	KEENE TX	BLTTL	-20050819ACA

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
23	KAKW-DT	KILLEEN TX	121.2	PLN	DTVPLN	-DTVP0547
24	KUVN-TV	GARLAND TX	39.6	LIC	BLCDDT	-20030123ACI
24	KUVN-DT	GARLAND TX	81.7	PLN	DTVPLN	-DTVP0586
30	KMPX-DT	DECATUR TX	64.4	PLN	DTVPLN	-DTVP0803
30	KMPX	DECATUR TX	39.7	LIC	BLCDDT	-20060317AGE
30	K30JA-D	KILLEEN TX	152.3	CP	BDCCDTL	-20060914ABK
31	K31HO	SHREVEPORT LA	319.8	CP	BDFCDTT	-20060221ADH
31	KOET-DT	EUFAULA OK	359.5	PLN	DTVPLN	-DTVP0836
31	KLHO-LD	OKLAHOMA CITY OK	329.7	CP	BDCCDTL	-20061025ABH
31	NEW	BIG SPRINGS TX	388.1	APP	BDCCDTT	-20080911ABB
31	K31GL-D	DE SOTO TX	39.6	LIC	BLDTL	-20081110AJA
31	KHOU-DT	HOUSTON TX	361.1	PLN	DTVPLN	-DTVP0843
31	KPLE-CA	KILLEEN TX	152.3	LIC	BLTTL	-19930713IH
31	KFXK	LONGVIEW TX	224.2	LIC	BLCDDT	-20060705AAW
31	KFXK-DT	LONGVIEW TX	224.2	PLN	DTVPLN	-DTVP0844
32	KDAF	DALLAS TX	38.2	LIC	BLCDDT	-20010606ABJ
32	KDAF-DT	DALLAS TX	39.7	PLN	DTVPLN	-DTVP0882
32	K32IB-D	WICHITA FALLS TX	203.0	CP	BDCCDTL	-20061027ADM
35	KDFW-DT	DALLAS TX	38.7	PLN	DTVPLN	-DTVP0994
45	KDTX-TV	DALLAS TX	38.2	CP MOD	BMPCDT	-20030417ABJ
45	KDTX-DT	DALLAS TX	39.7	PLN	DTVPLN	-DTVP1315
46	KTAQ	GREENVILLE TX	38.2	LIC	BLCDDT	-20040414ACS
46	KTAQ-DT	GREENVILLE TX	139.2	PLN	DTVPLN	-DTVP1342
29	KHFW-LP	DENISON TX	134.0	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 35

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
33	KDAF	DALLAS TX	DTVPLN	-NPLN1459

Stations Potentially Affecting This Station

FIGURE 2—OET-69 STUDY FOR KHFW-LP, DENISON, TX (CH 29D)

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
30	KMPX-DT	DECATUR TX	31.6	PLN	DTVPLN	-DTVP0803
32	KDAF-DT	DALLAS TX	0.0	PLN	DTVPLN	-DTVP0882
33	KMSSTV	SHREVEPORT LA	284.3	PLN	DTVPLN	-NPLN1450
33	KOCB-DT	OKLAHOMA CITY OK	333.6	PLN	DTVPLN	-DTVP0913
33	KVUE-DT	AUSTIN TX	264.1	PLN	DTVPLN	-DTVP0918
33	KITU-DT	BEAUMONT TX	395.3	PLN	DTVPLN	-DTVP0919
34	KCTF	WACO TX	121.6	PLN	DTVPLN	-NPLN1485
35	KDFW-DT	DALLAS TX	0.9	PLN	DTVPLN	-DTVP0994
36	KDFI-DT	DALLAS TX	0.0	PLN	DTVPLN	-DTVP1035
40	KXTX-DT	DALLAS TX	0.5	PLN	DTVPLN	-DTVP1142
41	KXAS-DT	FORT WORTH TX	0.4	PLN	DTVPLN	-DTVP1176
47	KTAQ	GREENVILLE TX	99.8	PLN	DTVPLN	-NPLN1724
48	KHSX-DT	IRVING TX	0.3	PLN	DTVPLN	-DTVP1401

Results for: 33N TX DALLAS			DTVPLN	NPLN1459	PLN
			POPULATION	AREA (sq km)	
	within Noise Limited Contour		4053792	27345.6	
	not affected by terrain losses		4050290	26981.7	
	lost to NTSC IX		4252	240.0	
	lost to additional IX by ATV		1213	33.2	
	lost to all IX		5465	273.2	

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
33	KDAF	DALLAS TX	BLCT	-20000821ACP

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
25	NEW	LEONARD TX	114.2	APP	BPRM	-20040317AFI
25	KXXV	WACO TX	138.0	LIC	BLCT	-20050715ABA
26	KXXV-DT	WACO TX	138.0	PLN	DTVPLN	-DTVP0656
26	KXXV	WACO TX	138.0	LIC	BLCDDT	-20050630AFE
30	KMPX-DT	DECATUR TX	36.6	PLN	DTVPLN	-DTVP0803
30	KMPX	DECATUR TX	5.1	LIC	BLCDDT	-20060317AGE
32	KDAF	DALLAS TX	0.0	LIC	BLCDDT	-20010606ABJ
32	KDAF-DT	DALLAS TX	5.3	PLN	DTVPLN	-DTVP0882
33	KMSS-TV	SHREVEPORT LA	283.6	LIC	BLCT	-19990401LG
33	KOCB	OKLAHOMA CITY OK	337.7	LIC	BLCDDT	-20060615AAL
33	KOCB-DT	OKLAHOMA CITY OK	338.8	PLN	DTVPLN	-DTVP0913
33	KVUE-DT	AUSTIN TX	259.5	PLN	DTVPLN	-DTVP0918
33	KVUE	AUSTIN TX	259.6	LIC	BLCDDT	-20050624AAI
33	KITU-TV	BEAUMONT TX	391.1	LIC	BLEDT	-20060703AAO
33	KITU-DT	BEAUMONT TX	391.1	PLN	DTVPLN	-DTVP0919
35	KDFW-DT	DALLAS TX	5.0	PLN	DTVPLN	-DTVP0994
36	KDFI	DALLAS TX	0.0	CP	BPCDDT	-20080723AAS
36	KDFI-DT	DALLAS TX	5.3	PLN	DTVPLN	-DTVP1035
40	KXTX-TV	DALLAS TX	4.8	LIC	BLCDDT	-20021106ABR
40	KXTX-DT	DALLAS TX	4.8	PLN	DTVPLN	-DTVP1142
41	KXAS-DT	FORT WORTH TX	5.0	PLN	DTVPLN	-DTVP1176
47	KTAQ	GREENVILLE TX	102.4	LIC	BLCT	-20020221AAD
48	KSTR-TV	IRVING TX	0.0	LIC	BLCDDT	-20020909AAM
48	KHSX-DT	IRVING TX	5.4	PLN	DTVPLN	-DTVP1401
29	KHFW-LP	DENISON TX	111.0	APP	USERRECORD-01	

Proposal causes no interference

FIGURE 2—OET-69 STUDY FOR KHFW-LP, DENISON, TX (CH 29D)

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Analysis of Interference to Affected Station 36

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
33	KDAF	DALLAS TX	BSTA	-20090219ABG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
25	NEW	LEONARD TX	114.2	APP	BPRM	-20040317AFI
25	KXXV	WACO TX	138.0	LIC	BLCT	-20050715ABA
26	KXXV-DT	WACO TX	138.0	PLN	DTVPLN	-DTVP0656
26	KXXV	WACO TX	138.0	LIC	BLCDT	-20050630AFE
30	KMPX-DT	DECATUR TX	36.6	PLN	DTVPLN	-DTVP0803
30	KMPX	DECATUR TX	5.1	LIC	BLCDT	-20060317AGE
32	KDAF	DALLAS TX	0.0	LIC	BLCDT	-20010606ABJ
32	KDAF-DT	DALLAS TX	5.3	PLN	DTVPLN	-DTVP0882
33	KMSS-TV	SHREVEPORT LA	283.6	LIC	BLCT	-19990401LG
33	KOCB	OKLAHOMA CITY OK	337.7	LIC	BLCDT	-20060615AAL
33	KOCB-DT	OKLAHOMA CITY OK	338.8	PLN	DTVPLN	-DTVP0913
33	KVUE-DT	AUSTIN TX	259.5	PLN	DTVPLN	-DTVP0918
33	KVUE	AUSTIN TX	259.6	LIC	BLCDT	-20050624AAI
33	KITU-TV	BEAUMONT TX	391.1	LIC	BLEDT	-20060703AAO
33	KITU-DT	BEAUMONT TX	391.1	PLN	DTVPLN	-DTVP0919
35	KDFW-DT	DALLAS TX	5.0	PLN	DTVPLN	-DTVP0994
36	KDFI	DALLAS TX	0.0	CP	BPCDT	-20080723AAS
36	KDFI-DT	DALLAS TX	5.3	PLN	DTVPLN	-DTVP1035
40	KXTX-TV	DALLAS TX	4.8	LIC	BLCDT	-20021106ABR
40	KXTX-DT	DALLAS TX	4.8	PLN	DTVPLN	-DTVP1142
41	KXAS-DT	FORT WORTH TX	5.0	PLN	DTVPLN	-DTVP1176
47	KTAQ	GREENVILLE TX	102.4	LIC	BLCT	-20020221AAD
48	KSTR-TV	IRVING TX	0.0	LIC	BLCDT	-20020909AAM
48	KHSX-DT	IRVING TX	5.4	PLN	DTVPLN	-DTVP1401
29	KHFW-LP	DENISON TX	111.0	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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