

DELAWDER COMMUNICATIONS, INC.

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ENGINEERING REPORT

Odessa, TX, Digital Companion Channel Application

EXHIBIT 11

LPTV DIGITAL PROPOSAL-- INTERFERENCE STUDIES

Market: Odessa, TX

Applicant: Hispanic Christian Community Network, Inc. ("Applicant")

Associated LPTV: K62GD

Proposed Digital Channel: **15** (as a digital companion channel)

1. By this application, Applicant proposes a digital LPTV companion channel for K62GD, Odessa, TX. The companion digital channel will operate at the K62GD transmitter site. The proposed transmitter site is located within the coordination distance to Mexico.

2. Attached as Figure 1 are the OET-69 study results for the proposed facility (as the referenced station) as determined by V-Soft Communications' SunDTV™ software program. (According to V-Soft Communications, the SunDTV™ Program identically duplicates the FCC's OET-69 processing program.) Except for those stations also licensed, authorized or proposed by the applicant, or those stations that have consented to predicted interference from this proposal, the proposed facility adequately protects all US broadcast stations as required by the FCC Rules. All studies are conducted in accordance with current FCC Rules and Regulations.

3. Applicant accepts any existing and future interference that may result from any primary analog or digital TV station. Applicant also accepts any interference caused by a previously-filed analog secondary (LPTV or TV translator) station and by any existing or future analog or digital secondary (LPTV or TV translator) channel displacement facility.

FIGURE 1—OET-69 STUDY FOR ODESSA, TX 15D DIGITAL COMPANION CHANNEL

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 06-14-2006 Time: 10:47:07

Record Selected for Analysis

ODESSA15 USERRECORD-01 US
Channel 15 ERP 15. kW HAAT 123. m RCAMSL 01046 m SIMPLE MASK
Latitude 031-47-40 Longitude 0102-35-15
Status APP Zone 2 Border
Dir Antenna Make usr Model USRPAT01 Beam tilt N Ref Azimuth 0.
Last update Cutoff date Docket
Comments
Applicant

1990 Census data selected

Cell Size for Service Analysis 1.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Not full service station

Facility meets maximum power limit

Azimuth (Deg)	ERP (kW)	HAAT (m)	51.0 dBu F(50,90) (km)
0.0	15.000	97.6	42.4
45.0	15.000	131.0	45.4
90.0	15.000	128.3	45.2
135.0	15.000	120.0	44.6
180.0	15.000	163.7	47.6
225.0	15.000	152.4	46.9
270.0	15.000	128.0	45.2
315.0	15.000	66.5	38.0

LANDMOBILE SPACING VIOLATIONS FOUND

NONE

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quite zone

Proposed facility OK toward Table Mountain

Proposed facility is beyond the Canadian coordination distance

Proposed facility is within the Mexican coordination distance
Distance to border = 213.4km

Proposed station is OK toward AM broadcast stations

FIGURE 1—OET-69 STUDY FOR ODESSA, TX 15D DIGITAL COMPANION CHANNEL

Start of Interference Analysis

Proposed Station		
Channel	Call	City/State
15	ODESSA15	ARND

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	NEW	CARLSBAD NM	165.2	APP	BNPTT	-20000830AVK
14	960726KL	BIG SPRING TX	85.2	APP	BPET	-19960726KL
14	NEW	LUBBOCK TX	206.6	APP	BNPTTL	-20000831CIX
14	KMYL-LP	LUBBOCK TX	201.3	LIC	BLTTL	-20021106AAL
14	KMYL-LP	LUBBOCK TX	201.3	CP	BPTTL	-20050726ARH
14	NEW	LUBBOCK TX	203.9	APP	BNPTTL	-20000831AVG
14	NEW	LUBBOCK TX	206.9	APP	BNPTTL	-20000831CED
15	K15FT	ROSWELL NM	244.8	LIC	BLTT	-20030307ADP
15	KXVA	ABILENE TX	287.5	LIC	BLCT	-20010130ABC
15	KCIT	AMARILLO TX	400.7	CP	BPCDT	-19991029AIB
15	KFOX-TV	EL PASO TX	368.5	LIC	BLCDT	-20051103AAE
15	KVHC-LP	KERRVILLE TX	381.5	LIC	BLTTL	-20040212AAR
15	K15BV	UVALDE TX	393.7	LIC	BLTT	-19970127JB
16	K16EB	HOBBS NM	109.5	LIC	BLTTL	-19990809JF
16	KUPT	HOBBS NM	113.9	CP	BPCDT	-19991020ACH
16	KSAN-TV	SAN ANGELO TX	204.2	CP MOD	BMPCDT	-20040802AMM
17	NEW	FORT STOCKTON TX	104.7	APP	BNPTTL	-20000831AVJ
17	K17FX	SEMINOLE TX	103.5	LIC	BLTT	-20040719ACF
18	KUPB	MIDLAND TX	7.1	LIC	BLCT	-20010529ADD
18	JD0415QD	MIDLAND TX	39.9	APP	BPTTL	-JD0415QD
19	KWGD-LP	WELCH TX	136.9	CP	BPTTL	-20030922ADC
19	KWGD-LP	WELCH TX	136.9	LIC	BLTT	-19970627JC

[illegible]

Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
14	NEW	CARLSBAD NM	BNPTT	-20000830AVK

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	NEW	RUIDOSO, ETC. NM	185.7	APP	BNPTT	-20000829ATO
14	KCIT	AMARILLO TX	392.7	LIC	BLCT	-19890130KK
14	960726KL	BIG SPRING TX	230.9	APP	BPET	-19960726KL
14	KFOX-TV	EL PASO TX	226.4	LIC	BLCT	-20021125AAQ
15	KWES-DT	ODESSA TX	132.6	PLN	DTVPLN	-DTVP0196
16	KHFT-DT	HOBBS NM	108.2	PLN	DTVPLN	-DTVP0234
16	KUPT	HOBBS NM	108.2	CP	BPCDT	-19991020ACH
28	KRPV-DT	ROSWELL NM	117.9	PLN	DTVPLN	-DTVP0718
28	KRPV	ROSWELL NM	117.9	CP	BPCDT	-19991018ABL
29	KUPT	HOBBS NM	108.2	LIC	BLCT	-20000424AAU
15	ODESSA15		165.2	APP	USERRECORD-01	

FIGURE 1—OET-69 STUDY FOR ODESSA, TX 15D DIGITAL COMPANION CHANNEL

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.
14	NEW	BIG SPRING TX	DTVPLN	-NPLN0904

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	KCIT	AMARILLO TX	360.7	PLN	DTVPLN	-NPLN0903
14	KXAMTV	LLANO TX	341.5	PLN	DTVPLN	-NPLN0907
15	NEW	ABILENE TX	205.2	PLN	DTVPLN	-NPLN0935
15	KWES-DT	ODESSA TX	105.2	PLN	DTVPLN	-DTVP0196
16	KACB-DT	SAN ANGELO TX	135.4	PLN	DTVPLN	-DTVP0243
17	KPCB	SNYDER TX	110.8	PLN	DTVPLN	-NPLN1004
18	NEW	MIDLAND TX	33.9	PLN	DTVPLN	-NPLN1032
21	NEW	SAN ANGELO TX	130.0	PLN	DTVPLN	-NPLN1128
22	KOCV-DT	ODESSA TX	64.1	PLN	DTVPLN	-DTVP0507
28	KAMC	LUBBOCK TX	157.8	PLN	DTVPLN	-NPLN1343
29	KHFT	HOBBS NM	143.6	PLN	DTVPLN	-NPLN1363

Results for: 14N TX BIG SPRING	DTVPLN	NPLN0904	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	172461	9307.3	
not affected by terrain losses	172421	9182.7	
lost to NTSC IX	30132	1115.8	
lost to additional IX by ATV	40	13.7	
lost to all IX	30172	1129.6	

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
14	960726KL	BIG SPRING TX	BPET	-19960726KL

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	KCIT	AMARILLO TX	360.7	LIC	BLCT	-19890130KK
14	KXAM-TV	LLANO TX	341.5	LIC	BLCT	-19910916KE
15	KXVA	ABILENE TX	204.9	LIC	BLCT	-20010130ABC
15	KWES-DT	ODESSA TX	105.2	PLN	DTVPLN	-DTVP0196
16	KSAN-TV	SAN ANGELO TX	135.4	CP MOD	BMPCDT	-20040802AMM
16	KACB-DT	SAN ANGELO TX	135.4	PLN	DTVPLN	-DTVP0243
17	KPCB	SNYDER TX	110.8	LIC	BLCT	-19970409KE
18	KUPB	MIDLAND TX	78.6	CP	BPCDT	-19991230AAK
18	KUPB	MIDLAND TX	78.6	LIC	BLCT	-20010529ADD
21	960726KI	SAN ANGELO TX	130.1	APP	BPET	-19960726KI
22	KOCV-DT	ODESSA TX	64.1	PLN	DTVPLN	-DTVP0507
28	KAMC	LUBBOCK TX	157.8	LIC	BLCT	-1848
29	KUPT	HOBBS NM	143.6	LIC	BLCT	-20000424AAU

FIGURE 1—OET-69 STUDY FOR ODESSA, TX 15D DIGITAL COMPANION CHANNEL

15 ODESSA15 85.2 APP USERRECORD-01

Total scenarios = 2

Result key: 1
 Scenario 1 Affected station 2
 Before Analysis

Results for: 14N TX BIG SPRING	BPET	19960726KL	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	172461	9307.3	
not affected by terrain losses	172421	9182.7	
lost to NTSC IX	28902	376.8	
lost to additional IX by ATV	0	10.8	
lost to all IX	28902	387.6	

Potential Interfering Stations Included in above Scenario 1

18N TX MIDLAND	BLCT	20010529ADD	LIC
15A TX ODESSA	DTVPLN	DTVP0196	PLN
18A TX MIDLAND	BPCDT	19991230AAK	CP

After Analysis

Results for: 14N TX BIG SPRING	BPET	19960726KL	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	172461	9307.3	
not affected by terrain losses	172421	9182.7	
lost to NTSC IX	28902	376.8	
lost to additional IX by ATV	0	102.1	
lost to all IX	28902	478.9	

Potential Interfering Stations Included in above Scenario 1

18N TX MIDLAND	BLCT	20010529ADD	LIC
15A TX ODESSA	DTVPLN	DTVP0196	PLN
18A TX MIDLAND	BPCDT	19991230AAK	CP
15A	USERRECORD01	APP	
*Percent new DTV interference without proposal:	16.8	BPET	19960726KL
*Percent new DTV interference with proposal:	16.8	BPET	19960726KL

Result key: 2
 Scenario 2 Affected station 2
 Before Analysis

Results for: 14N TX BIG SPRING	BPET	19960726KL	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	172461	9307.3	
not affected by terrain losses	172421	9182.7	
lost to NTSC IX	28902	376.8	
lost to additional IX by ATV	0	10.8	
lost to all IX	28902	387.6	

Potential Interfering Stations Included in above Scenario 2

FIGURE 1—OET-69 STUDY FOR ODESSA, TX 15D DIGITAL COMPANION CHANNEL

18N TX MIDLAND	BLCT	20010529ADD	LIC
15A TX ODESSA	DTVPLN	DTVP0196	PLN
18A TX MIDLAND	BPCDT	19991230AAK	CP

After Analysis

Results for: 14N TX BIG SPRING	BPET	19960726KL	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	172461	9307.3	
not affected by terrain losses	172421	9182.7	
lost to NTSC IX	28902	376.8	
lost to additional IX by ATV	0	102.1	
lost to all IX	28902	478.9	

Potential Interfering Stations Included in above Scenario 2

18N TX MIDLAND	BLCT	20010529ADD	LIC
15A TX ODESSA	DTVPLN	DTVP0196	PLN
18A TX MIDLAND	BPCDT	19991230AAK	CP
15A	USERRECORD01		APP
*Percent new DTV interference without proposal:	16.8	BPET	19960726KL
*Percent new DTV interference with proposal:	16.8	BPET	19960726KL

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Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application Ref. No.
14	NEW	LUBBOCK TX	BNPTTL -20000831CIX

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
14	K14KO	PORTALES NM	151.5	LIC	BLTT -20050927AHI
14	KCIT	AMARILLO TX	200.1	LIC	BLCT -19890130KK
14	960726KL	BIG SPRING TX	160.7	APP	BPET -19960726KL
14	NEW	LUBBOCK TX	1.5	APP	BNPTTL -20000831EKB
14	NEW	LUBBOCK TX	7.1	APP	BNPTTL -20000804ABF
14	NEW	LUBBOCK TX	4.3	APP	BNPTT -20000830BGD
14	KMYL-LP	LUBBOCK TX	5.5	CP	BPTTL -20050726ARH
14	NEW	LUBBOCK TX	3.4	APP	BNPTTL -20000831AVG
14	NEW	LUBBOCK TX	3.8	APP	BNPTTL -20000831CED
14	NEW	LUBBOCK TX	4.3	APP	BNPTTL -20000814AAA
28	KAMC	LUBBOCK TX	3.1	LIC	BLCT -1848
15	ODESSA15		206.6	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 4

FIGURE 1—OET-69 STUDY FOR ODESSA, TX 15D DIGITAL COMPANION CHANNEL

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
14	KMYL-LP	LUBBOCK TX	BLTTTL	-20021106AAL

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	K14KO	PORTALES NM	151.2	LIC	BLTT	-20050927AHI
14	KCIT	AMARILLO TX	204.6	LIC	BLCT	-19890130KK
14	960726KL	BIG SPRING TX	156.5	APP	BPET	-19960726KL
14	NEW	LUBBOCK TX	6.5	APP	BNPTTL	-20000831EKB
14	NEW	LUBBOCK TX	5.5	APP	BNPTTL	-20000831CIX
14	NEW	LUBBOCK TX	9.2	APP	BNPTTL	-20000804ABF
14	NEW	LUBBOCK TX	9.0	APP	BNPTT	-20000830BGD
14	NEW	LUBBOCK TX	2.6	APP	BNPTTL	-20000831AVG
14	NEW	LUBBOCK TX	7.8	APP	BNPTTL	-20000831CED
14	NEW	LUBBOCK TX	9.0	APP	BNPTTL	-20000814AAA
16	KHFT-DT	HOBBS NM	143.0	PLN	DTVPLN	-DTVP0234
16	KUPT	HOBBS NM	143.0	CP	BPCDT	-19991020ACH
28	KAMC	LUBBOCK TX	2.7	LIC	BLCT	-1848
29	KUPT	HOBBS NM	143.0	LIC	BLCT	-20000424AAU
15	ODESSA15		201.3	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
14	KMYL-LP	LUBBOCK TX	BPTTL	-20050726ARH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	K14KO	PORTALES NM	151.2	LIC	BLTT	-20050927AHI
14	KCIT	AMARILLO TX	204.6	LIC	BLCT	-19890130KK
14	960726KL	BIG SPRING TX	156.5	APP	BPET	-19960726KL
14	NEW	LUBBOCK TX	6.5	APP	BNPTTL	-20000831EKB
14	NEW	LUBBOCK TX	5.5	APP	BNPTTL	-20000831CIX
14	NEW	LUBBOCK TX	9.2	APP	BNPTTL	-20000804ABF
14	NEW	LUBBOCK TX	9.0	APP	BNPTT	-20000830BGD
14	NEW	LUBBOCK TX	2.6	APP	BNPTTL	-20000831AVG
14	NEW	LUBBOCK TX	7.8	APP	BNPTTL	-20000831CED
14	NEW	LUBBOCK TX	9.0	APP	BNPTTL	-20000814AAA
16	KHFT-DT	HOBBS NM	143.0	PLN	DTVPLN	-DTVP0234
16	KUPT	HOBBS NM	143.0	CP	BPCDT	-19991020ACH
28	KAMC	LUBBOCK TX	2.7	LIC	BLCT	-1848
29	KUPT	HOBBS NM	143.0	LIC	BLCT	-20000424AAU
15	ODESSA15		201.3	APP	USERRECORD-01	

FIGURE 1—OET-69 STUDY FOR ODESSA, TX 15D DIGITAL COMPANION CHANNEL

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
14	NEW	LUBBOCK TX	BNPTTL	-20000831AVG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	KCIT	AMARILLO TX	202.0	LIC	BLCT	-19890130KK
14	960726KL	BIG SPRING TX	159.1	APP	BPET	-19960726KL
14	NEW	LUBBOCK TX	4.7	APP	BNPTTL	-20000831EKB
14	NEW	LUBBOCK TX	3.4	APP	BNPTTL	-20000831CIX
14	NEW	LUBBOCK TX	6.8	APP	BNPTTL	-20000804ABF
14	NEW	LUBBOCK TX	6.4	APP	BNPTT	-20000830BGD
14	KMYL-LP	LUBBOCK TX	2.6	CP	BPTTL	-20050726ARH
14	NEW	LUBBOCK TX	6.7	APP	BNPTTL	-20000831CED
14	NEW	LUBBOCK TX	6.4	APP	BNPTTL	-20000814AAA
16	KHFT-DT	HOBBS NM	144.9	PLN	DTVPLN	-DTVP0234
16	KUPT	HOBBS NM	144.9	CP	BPCDT	-19991020ACH
28	KAMC	LUBBOCK TX	2.2	LIC	BLCT	-1848
29	KUPT	HOBBS NM	144.9	LIC	BLCT	-20000424AAU
15	ODESSA15		203.9	APP	USERRECORD	-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
14	NEW	LUBBOCK TX	BNPTTL	-20000831CED

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	NEW	PORTALES NM	158.6	APP	BNPTT	-20000830AVT
14	KCIT	AMARILLO TX	201.1	LIC	BLCT	-19890130KK
14	960726KL	BIG SPRING TX	159.6	APP	BPET	-19960726KL
14	NEW	LUBBOCK TX	2.4	APP	BNPTTL	-20000831EKB
14	NEW	LUBBOCK TX	3.8	APP	BNPTTL	-20000831CIX
14	NEW	LUBBOCK TX	10.7	APP	BNPTTL	-20000804ABF
14	NEW	LUBBOCK TX	6.9	APP	BNPTT	-20000830BGD
14	KMYL-LP	LUBBOCK TX	7.8	CP	BPTTL	-20050726ARH
14	NEW	LUBBOCK TX	6.7	APP	BNPTTL	-20000831AVG
14	NEW	LUBBOCK TX	6.9	APP	BNPTTL	-20000814AAA

FIGURE 1—OET-69 STUDY FOR ODESSA, TX 15D DIGITAL COMPANION CHANNEL

28	KAMC	LUBBOCK TX	5.1	LIC	BLCT	-1848
15	ODESSA15		206.9	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 8

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
15	K15FT	ROSWELL NM	BLTT	-20030307ADP

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
15	KCIT	AMARILLO TX	318.4	CP	BPCDT	-19991029AIB
15	KCIT-DT	AMARILLO TX	318.4	PLN	DTVPLN	-DTVP0193
15	KFOX-DT	EL PASO TX	265.0	PLN	DTVPLN	-DTVP0194
15	KFOX-TV	EL PASO TX	265.0	LIC	BLCDT	-20051103AAE
15	KWES-DT	ODESSA TX	211.2	PLN	DTVPLN	-DTVP0196
19	KOCT-DT	CARLSBAD NM	69.3	PLN	DTVPLN	-DTVP0365
29	KUPT	HOBBS NM	141.0	LIC	BLCT	-20000424AAU
15	ODESSA15		244.8	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 9

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
15	NEW	ABILENE TX	DTVPLN	-NPLN0935

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	NEW	BIG SPRING TX	205.2	PLN	DTVPLN	-NPLN0904
14	KXAMTV	LLANO TX	202.4	PLN	DTVPLN	-NPLN0907
15	KCIT-DT	AMARILLO TX	398.4	PLN	DTVPLN	-DTVP0193
15	KAMUTV	COLLEGE STATION TX	357.9	PLN	DTVPLN	-NPLN0936
15	KWES-DT	ODESSA TX	310.3	PLN	DTVPLN	-DTVP0196
15	KJTL-DT	WICHITA FALLS TX	228.4	PLN	DTVPLN	-DTVP0199
16	KACB-DT	SAN ANGELO TX	108.2	PLN	DTVPLN	-DTVP0243
17	KPCB	SNYDER TX	135.1	PLN	DTVPLN	-NPLN1004
19	KIDY-DT	SAN ANGELO TX	116.3	PLN	DTVPLN	-DTVP0375
29	KRBC-DT	ABILENE TX	14.4	PLN	DTVPLN	-DTVP0768

Results for: 15N TX ABILENE	DTVPLN	NPLN0935	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	188144	18320.3	
not affected by terrain losses	187972	18195.8	

FIGURE 1—OET-69 STUDY FOR ODESSA, TX 15D DIGITAL COMPANION CHANNEL

lost to NTSC IX	0	0.0
lost to additional IX by ATV	325	172.4
lost to all IX	325	172.4

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
15	KXVA	ABILENE TX	BLCT	-20010130ABC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	960726KL	BIG SPRING TX	204.9	APP	BPET	-19960726KL
14	KXAM-TV	LLANO TX	202.4	LIC	BLCT	-19910916KE
15	KCIT	AMARILLO TX	398.4	CP	BPCDT	-19991029AIB
15	KCIT-DT	AMARILLO TX	398.4	PLN	DTVPLN	-DTVP0193
15	KAMU-TV	COLLEGE STATION TX	358.1	LIC	BLET	-329
15	KWES-DT	ODESSA TX	310.1	PLN	DTVPLN	-DTVP0196
15	KJTL	WICHITA FALLS TX	228.5	CP	BPCDT	-19991102ABG
15	KJTL-DT	WICHITA FALLS TX	228.6	PLN	DTVPLN	-DTVP0199
16	KSAN-TV	SAN ANGELO TX	107.9	CP MOD	BMPCDT	-20040802AMM
16	KACB-DT	SAN ANGELO TX	107.9	PLN	DTVPLN	-DTVP0243
17	KPCB	SNYDER TX	134.9	LIC	BLCT	-19970409KE
19	KIDY-DT	SAN ANGELO TX	116.0	PLN	DTVPLN	-DTVP0375
29	KRBC-TV	ABILENE TX	14.1	CP MOD	BMPCDT	-20040802AMT
29	KRBC-DT	ABILENE TX	14.1	PLN	DTVPLN	-DTVP0768
15	ODESSA15		287.5	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 10

DTV Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
15	KCIT-DT	AMARILLO TX	DTVPLN	-DTVP0193

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	KCIT	AMARILLO TX	0.0	PLN	DTVPLN	-NPLN0903
15	KTBO-DT	OKLAHOMA CITY OK	393.6	PLN	DTVPLN	-DTVP0186
15	NEW	ABILENE TX	398.4	PLN	DTVPLN	-NPLN0935
15	KWES-DT	ODESSA TX	385.1	PLN	DTVPLN	-DTVP0196
15	KJTL-DT	WICHITA FALLS TX	309.6	PLN	DTVPLN	-DTVP0199
16	KPTB	LUBBOCK TX	198.9	PLN	DTVPLN	-NPLN0972

Results for: 15A TX AMARILLO DTVPLN DTVP0193 PLN
 HAAT 464.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	285356	24347.4
not affected by terrain losses	285271	24141.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	0	3.0
lost to ATV IX only	0	3.0
lost to all IX	0	3.0

FIGURE 1—OET-69 STUDY FOR ODESSA, TX 15D DIGITAL COMPANION CHANNEL

NTSC Baseline Analysis

Channel	Call	City/State	Application Ref. No.
14	KCIT	AMARILLO TX	DTVPLN -NPLN0903

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
14	KTBO-TV	OKLAHOMA CITY OK	393.6	PLN	DTVPLN -NPLN0899
14	NEW	BIG SPRING TX	360.7	PLN	DTVPLN -NPLN0904
15	KCIT-DT	AMARILLO TX	0.0	PLN	DTVPLN -DTVP0193
21	KACV-DT	AMARILLO TX	0.0	PLN	DTVPLN -DTVP0458
28	KAMC	LUBBOCK TX	203.0	PLN	DTVPLN -NPLN1343
29	DNCE	GUYMON OK	150.7	PLN	DTVPLN -NPLN1372

Results for: 14N TX AMARILLO	DTVPLN	NPLN0903	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	285356	24347.4	
not affected by terrain losses	285248	23948.5	
lost to NTSC IX	250	201.0	
lost to additional IX by ATV	0	0.0	
lost to all IX	250	201.0	

Analysis of current record

Channel	Call	City/State	Application Ref. No.
15	KCIT	AMARILLO TX	BPCDT -19991029AIB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
14	KCIT	AMARILLO TX	0.0	LIC	BLCT -19890130KK
15	KTBO-DT	OKLAHOMA CITY OK	393.6	PLN	DTVPLN -DTVP0186
15	KTBO-TV	OKLAHOMA CITY OK	393.4	LIC	BLCDDT -20050415AAC
15	KXVA	ABILENE TX	398.4	LIC	BLCT -20010130ABC
15	KWES-DT	ODESSA TX	385.1	PLN	DTVPLN -DTVP0196
15	KJTL	WICHITA FALLS TX	309.6	CP	BPCDT -19991102ABG
15	KJTL-DT	WICHITA FALLS TX	309.6	PLN	DTVPLN -DTVP0199
16	KPTB	LUBBOCK TX	198.9	LIC	BLCT -19960617KF
15	ODESSA15		400.7	APP	USERRECORD-01

Total scenarios = 4

Result key: 3
 Scenario 1 Affected station 10
 Before Analysis

Results for: 15A TX AMARILLO	BPCDT	19991029AIB	CP
HAAT 464.0 m, ATV ERP 925.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	326766	41826.9	
not affected by terrain losses	326249	41227.0	
lost to NTSC IX	10	25.9	
lost to additional IX by ATV	1248	557.1	
lost to ATV IX only	1258	580.0	
lost to all IX	1258	583.0	

FIGURE 1—OET-69 STUDY FOR ODESSA, TX 15D DIGITAL COMPANION CHANNEL

Potential Interfering Stations Included in above Scenario 1

15N TX ABILENE	BLCT	20010130ABC	LIC
15A OK OKLAHOMA CITY	BLCDT	20050415AAC	LIC
15A TX ODESSA	DTVPLN	DTVP0196	PLN
15A TX WICHITA FALLS	BPCDT	19991102ABG	CP

After Analysis

Results for: 15A TX AMARILLO BPCDT 19991029AIB CP
HAAT 464.0 m, ATV ERP 925.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	326766	41826.9
not affected by terrain losses	326249	41227.0
lost to NTSC IX	10	25.9
lost to additional IX by ATV	1248	557.1
lost to ATV IX only	1258	580.0
lost to all IX	1258	583.0

Potential Interfering Stations Included in above Scenario 1

15N TX ABILENE	BLCT	20010130ABC	LIC
15A OK OKLAHOMA CITY	BLCDT	20050415AAC	LIC
15A TX ODESSA	DTVPLN	DTVP0196	PLN
15A TX WICHITA FALLS	BPCDT	19991102ABG	CP
15A	USERRECORD01		APP
*Percent Service lost without proposal:	-13.9	to BPCDT	19991029AIB
*Percent Service lost with proposal:	-13.9	to BPCDT	19991029AIB

Result key: 4
Scenario 2 Affected station 10
Before Analysis

Results for: 15A TX AMARILLO BPCDT 19991029AIB CP
HAAT 464.0 m, ATV ERP 925.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	326766	41826.9
not affected by terrain losses	326249	41227.0
lost to NTSC IX	10	25.9
lost to additional IX by ATV	302	87.5
lost to ATV IX only	302	89.5
lost to all IX	312	113.4

Potential Interfering Stations Included in above Scenario 2

15N TX ABILENE	BLCT	20010130ABC	LIC
15A OK OKLAHOMA CITY	BLCDT	20050415AAC	LIC
15A TX ODESSA	DTVPLN	DTVP0196	PLN
15A TX WICHITA FALLS	DTVPLN	DTVP0199	PLN

After Analysis

Results for: 15A TX AMARILLO BPCDT 19991029AIB CP
HAAT 464.0 m, ATV ERP 925.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	326766	41826.9

FIGURE 1—OET-69 STUDY FOR ODESSA, TX 15D DIGITAL COMPANION CHANNEL

not affected by terrain losses	326249	41227.0
lost to NTSC IX	10	25.9
lost to additional IX by ATV	302	87.5
lost to ATV IX only	302	89.5
lost to all IX	312	113.4

Potential Interfering Stations Included in above Scenario 2

15N TX ABILENE	BLCT	20010130ABC	LIC
15A OK OKLAHOMA CITY	BLCDDT	20050415AAC	LIC
15A TX ODESSA	DTVPLN	DTVP0196	PLN
15A TX WICHITA FALLS	DTVPLN	DTVP0199	PLN
15A	USERRECORD01		APP
*Percent Service lost without proposal:	-14.3	to BPCDDT	19991029AIB
*Percent Service lost with proposal:	-14.3	to BPCDDT	19991029AIB

Result key: 5
 Scenario 3 Affected station 10
 Before Analysis

Results for: 15A TX AMARILLO BPCDDT 19991029AIB CP
 HAAT 464.0 m, ATV ERP 925.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	326766	41826.9
not affected by terrain losses	326249	41227.0
lost to NTSC IX	10	25.9
lost to additional IX by ATV	1248	557.1
lost to ATV IX only	1258	580.0
lost to all IX	1258	583.0

Potential Interfering Stations Included in above Scenario 3

15N TX ABILENE	BLCT	20010130ABC	LIC
15A OK OKLAHOMA CITY	BLCDDT	20050415AAC	LIC
15A TX ODESSA	DTVPLN	DTVP0196	PLN
15A TX WICHITA FALLS	BPCDDT	19991102ABG	CP

After Analysis

Results for: 15A TX AMARILLO BPCDDT 19991029AIB CP
 HAAT 464.0 m, ATV ERP 925.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	326766	41826.9
not affected by terrain losses	326249	41227.0
lost to NTSC IX	10	25.9
lost to additional IX by ATV	1248	557.1
lost to ATV IX only	1258	580.0
lost to all IX	1258	583.0

Potential Interfering Stations Included in above Scenario 3

15N TX ABILENE	BLCT	20010130ABC	LIC
15A OK OKLAHOMA CITY	BLCDDT	20050415AAC	LIC
15A TX ODESSA	DTVPLN	DTVP0196	PLN
15A TX WICHITA FALLS	BPCDDT	19991102ABG	CP
15A	USERRECORD01		APP

FIGURE 1—OET-69 STUDY FOR ODESSA, TX 15D DIGITAL COMPANION CHANNEL

*Percent Service lost without proposal: -13.9 to BPCDT 19991029AIB
 *Percent Service lost with proposal: -13.9 to BPCDT 19991029AIB

Result key: 6
 Scenario 4 Affected station 10
 Before Analysis

Results for: 15A TX AMARILLO BPCDT 19991029AIB CP

HAAT 464.0 m, ATV ERP 925.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	326766	41826.9
not affected by terrain losses	326249	41227.0
lost to NTSC IX	10	25.9
lost to additional IX by ATV	302	87.5
lost to ATV IX only	302	89.5
lost to all IX	312	113.4

Potential Interfering Stations Included in above Scenario 4

15N TX ABILENE	BLCT	20010130ABC	LIC
15A OK OKLAHOMA CITY	BLCDT	20050415AAC	LIC
15A TX ODESSA	DTVPLN	DTVP0196	PLN
15A TX WICHITA FALLS	DTVPLN	DTVP0199	PLN

After Analysis

Results for: 15A TX AMARILLO BPCDT 19991029AIB CP

HAAT 464.0 m, ATV ERP 925.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	326766	41826.9
not affected by terrain losses	326249	41227.0
lost to NTSC IX	10	25.9
lost to additional IX by ATV	302	87.5
lost to ATV IX only	302	89.5
lost to all IX	312	113.4

Potential Interfering Stations Included in above Scenario 4

15N TX ABILENE	BLCT	20010130ABC	LIC
15A OK OKLAHOMA CITY	BLCDT	20050415AAC	LIC
15A TX ODESSA	DTVPLN	DTVP0196	PLN
15A TX WICHITA FALLS	DTVPLN	DTVP0199	PLN
15A	USERRECORD01		APP

*Percent Service lost without proposal: -14.3 to BPCDT 19991029AIB
 *Percent Service lost with proposal: -14.3 to BPCDT 19991029AIB

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Analysis of Interference to Affected Station 11

DTV Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
15	KFOX-DT	EL PASO TX	DTVPLN	-DTVP0194

FIGURE 1—OET-69 STUDY FOR ODESSA, TX 15D DIGITAL COMPANION CHANNEL

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	KFOXTV	EL PASO TX	0.0	PLN	DTVPLN	-NPLN0905
15	KWES-DT	ODESSA TX	342.3	PLN	DTVPLN	-DTVP0196
16	KTSM-DT	EL PASO TX	1.3	PLN	DTVPLN	-DTVP0242

Results for: 15A TX EL PASO DTVPLN DTVP0194 PLN

HAAT 604.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	720694	22217.8
not affected by terrain losses	718782	21808.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	537	505.7
lost to ATV IX only	537	505.7
lost to all IX	537	505.7

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
14	KFOXTV	EL PASO TX	DTVPLN	-NPLN0905

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
15	KFOX-DT	EL PASO TX	0.0	PLN	DTVPLN	-DTVP0194
16	KTSM-DT	EL PASO TX	1.3	PLN	DTVPLN	-DTVP0242
17	KVIA-DT	EL PASO TX	3.2	PLN	DTVPLN	-DTVP0283
18	KDBC-DT	EL PASO TX	2.2	PLN	DTVPLN	-DTVP0328
22	KRWGTV	LAS CRUCES NM	67.2	PLN	DTVPLN	-NPLN1149

Results for: 14N TX EL PASO DTVPLN NPLN0905 PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	720694	22217.8
not affected by terrain losses	718757	19816.3
lost to NTSC IX	13	52.2
lost to additional IX by ATV	0	2.0
lost to all IX	13	54.2

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
15	KFOX-TV	EL PASO TX	BLCDT	-20051103AAE

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	KFOX-TV	EL PASO TX	0.0	LIC	BLCT	-20021125AAQ
15	KWES-DT	ODESSA TX	342.3	PLN	DTVPLN	-DTVP0196
16	KTSM-DT	EL PASO TX	1.3	PLN	DTVPLN	-DTVP0242
15	ODESSA15		368.5	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 12

FIGURE 1—OET-69 STUDY FOR ODESSA, TX 15D DIGITAL COMPANION CHANNEL

Analysis of current record

Channel	Call	City/State	Application Ref. No.
15	KVHC-LP	KERRVILLE TX	BLTTTL -20040212AAR

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
14	KXAM-TV	LLANO TX	88.1	LIC	BLCT -19910916KE
15	KXVA	ABILENE TX	250.4	LIC	BLCT -20010130ABC
15	KAMU-TV	COLLEGE STATION TX	275.6	LIC	BLET -329
15	KGNS-DT	LAREDO TX	269.8	PLN	DTVPLN -DTVP0195
15	KGNS-TV	LAREDO TX	269.8	CP	BPCDT -19991026ABK
15	KHPZ-CA	ROUND ROCK TX	154.2	LIC	BLTTA -20020408AAC
15	KMXU-LP	SAN ANTONIO TX	91.5	CP	BPTTL -198912083G
15	KAVU-DT	VICTORIA TX	286.5	PLN	DTVPLN -DTVP0198
15	KAVU-TV	VICTORIA TX	236.7	CP	BPCDT -19991021ACQ
16	KHCE-TV	SAN ANTONIO TX	120.4	LIC	BLEDT -20050209AKG
16	KHCE-DT	SAN ANTONIO TX	71.4	PLN	DTVPLN -DTVP0244
22	KLRU	AUSTIN TX	131.6	LIC	BLEDT -20040305ACK
22	KLRU-DT	AUSTIN TX	131.6	PLN	DTVPLN -DTVP0505
29	KABB	SAN ANTONIO TX	119.4	LIC	BLCT -19880210KF
30	KABB-DT	SAN ANTONIO TX	119.4	PLN	DTVPLN -DTVP0805
30	KABB	SAN ANTONIO TX	119.4	CP	BPCDT -19991028AAR
15	ODESSA15		381.5	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 13

Analysis of current record

Channel	Call	City/State	Application Ref. No.
15	K15BV	UVALDE TX	BLTT -19970127JB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
15	KXVA	ABILENE TX	344.7	LIC	BLCT -20010130ABC
15	KAMU-TV	COLLEGE STATION TX	371.2	LIC	BLET -329
15	KVHC-LP	KERRVILLE TX	117.2	LIC	BLTTTL -20040212AAR
15	KGNS-DT	LAREDO TX	168.2	PLN	DTVPLN -DTVP0195
15	KGNS-TV	LAREDO TX	168.2	CP	BPCDT -19991026ABK
15	KAVU-DT	VICTORIA TX	319.8	PLN	DTVPLN -DTVP0198
15	KAVU-TV	VICTORIA TX	263.8	CP	BPCDT -19991021ACQ
16	KVAW	EAGLE PASS TX	81.9	LIC	BLCT -19910614KH
16	KHCE-DT	SAN ANTONIO TX	112.2	PLN	DTVPLN -DTVP0244
18	KVAW	EAGLE PASS TX	81.9	CP	BPCDT -20001101AAZ
18	KVAW-DT	EAGLE PASS TX	81.9	PLN	DTVPLN -DTVP0327
15	ODESSA15		393.7	APP	USERRECORD-01

Proposal causes no interference

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FIGURE 1—OET-69 STUDY FOR ODESSA, TX 15D DIGITAL COMPANION CHANNEL

Analysis of Interference to Affected Station 14

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
16	K16EB	HOBBS NM	BLTTL	-19990809JF

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
15	KWES-DT	ODESSA TX	79.6	PLN	DTVPLN	-DTVP0196
16	KHFT-DT	HOBBS NM	5.7	PLN	DTVPLN	-DTVP0234
16	KUPT	HOBBS NM	5.7	CP	BPCDT	-19991020ACH
16	KTSM-DT	EL PASO TX	331.4	PLN	DTVPLN	-DTVP0242
16	KPTB	LUBBOCK TX	154.8	LIC	BLCT	-19960617KF
16	KSAN-TV	SAN ANGELO TX	277.4	CP MOD	BMPCDT	-20040802AMM
16	KACB-DT	SAN ANGELO TX	277.4	PLN	DTVPLN	-DTVP0243
18	KUPB	MIDLAND TX	107.6	CP	BPCDT	-19991230AAK
19	KOCT-DT	CARLSBAD NM	103.4	PLN	DTVPLN	-DTVP0365
23	KPEJ-DT	ODESSA TX	100.3	PLN	DTVPLN	-DTVP0548
23	KPEJ	ODESSA TX	100.3	CP	BPCDT	-19991022ABM
30	KWWT	ODESSA TX	103.4	APP	BPCT	-20050519AEC
30	KWWT	ODESSA TX	100.3	LIC	BLCT	-20010328ADD
31	KOSA-DT	ODESSA TX	103.0	PLN	DTVPLN	-DTVP0845
15	ODESSA15		109.5	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 15

DTV Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
16	KHFT-DT	HOBBS NM	DTVPLN	-DTVP0234

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
15	KWES-DT	ODESSA TX	84.6	PLN	DTVPLN	-DTVP0196
16	KRQE-DT	ALBUQUERQUE NM	414.6	PLN	DTVPLN	-DTVP0233
16	KTSM-DT	EL PASO TX	334.3	PLN	DTVPLN	-DTVP0242
16	KPTB	LUBBOCK TX	150.3	PLN	DTVPLN	-NPLN0972
16	KACB-DT	SAN ANGELO TX	278.5	PLN	DTVPLN	-DTVP0243
17	KPCB	SNYDER TX	205.6	PLN	DTVPLN	-NPLN1004

Results for: 16A NM HOBBS DTVPLN DTVP0234 PLN

HAAT 159.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	38689	3016.5
not affected by terrain losses	38689	3016.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0

FIGURE 1—OET-69 STUDY FOR ODESSA, TX 15D DIGITAL COMPANION CHANNEL

lost to all IX 0 0.0

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
29	KHFT	HOBBS NM	DTVPLN	-NPLN1363

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
21	NEW	ROSWELL NM	141.1	PLN	DTVPLN	-NPLN1117
22	KOCV-DT	ODESSA TX	116.7	PLN	DTVPLN	-DTVP0507
22	NEW	WOLFFORTH TX	143.0	PLN	DTVPLN	-NPLN1158
26	KMID-DT	MIDLAND TX	103.9	PLN	DTVPLN	-DTVP0655
28	KRPV-DT	ROSWELL NM	157.0	PLN	DTVPLN	-DTVP0718
28	KAMC	LUBBOCK TX	145.7	PLN	DTVPLN	-NPLN1343
29	KRBC-DT	ABILENE TX	318.4	PLN	DTVPLN	-DTVP0768
30	NEW	ODESSA TX	107.3	PLN	DTVPLN	-NPLN1394
31	KOSA-DT	ODESSA TX	107.3	PLN	DTVPLN	-DTVP0845
32	KENW-DT	PORTALES NM	105.8	PLN	DTVPLN	-DTVP0872
36	KOCVTV	ODESSA TX	116.7	PLN	DTVPLN	-NPLN1532
43	KMLM-DT	ODESSA TX	106.3	PLN	DTVPLN	-DTVP1248

Results for: 29N NM HOBBS	DTVPLN	NPLN1363	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	38689	3016.5	
not affected by terrain losses	38689	3016.5	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	0	0.0	
lost to all IX	0	0.0	

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
16	KUPT	HOBBS NM	BPCDT	-19991020ACH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
15	KWES-DT	ODESSA TX	84.6	PLN	DTVPLN	-DTVP0196
16	KRQE-DT	ALBUQUERQUE NM	414.6	PLN	DTVPLN	-DTVP0233
16	KTSM-DT	EL PASO TX	334.3	PLN	DTVPLN	-DTVP0242
16	KPTB	LUBBOCK TX	150.3	LIC	BLCT	-19960617KF
16	KSAN-TV	SAN ANGELO TX	278.5	CP MOD	BMPCDT	-20040802AMM
16	KACB-DT	SAN ANGELO TX	278.5	PLN	DTVPLN	-DTVP0243
17	KPCB	SNYDER TX	205.6	LIC	BLCT	-19970409KE
15	ODESSA15		113.9	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 16

DTV Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
16	KACB-DT	SAN ANGELO TX	DTVPLN	-DTVP0243

FIGURE 1—OET-69 STUDY FOR ODESSA, TX 15D DIGITAL COMPANION CHANNEL

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
15	NEW	ABILENE TX	108.2	PLN	DTVPLN	-NPLN0935
16	KHFT-DT	HOBBS NM	278.5	PLN	DTVPLN	-DTVP0234
16	KVAW	EAGLE PASS TX	322.0	PLN	DTVPLN	-NPLN0971
16	KPTB	LUBBOCK TX	250.6	PLN	DTVPLN	-NPLN0972
16	KHCE-DT	SAN ANTONIO TX	285.2	PLN	DTVPLN	-DTVP0244
17	KPCB	SNYDER TX	135.8	PLN	DTVPLN	-NPLN1004

Results for: 16A TX SAN ANGELO DTVPLN DTVP0243 PLN

HAAT 183.0 m, ATV ERP 204.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	119850	17483.3
not affected by terrain losses	119850	17410.2
lost to NTSC IX	4	37.5
lost to additional IX by ATV	0	5.9
lost to ATV IX only	0	21.7
lost to all IX	4	43.4

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
03	KACBTB	SAN ANGELO TX	DTVPLN	-NPLN0262

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
02	NEW	FREDERICKSBURG TX	205.1	PLN	DTVPLN	-NPLN0200
02	KMID	MIDLAND TX	182.1	PLN	DTVPLN	-NPLN0202
03	KENW	PORTALES NM	369.7	PLN	DTVPLN	-NPLN0246
03	KFDXTV	WICHITA FALLS TX	307.3	PLN	DTVPLN	-NPLN0263
04	KWAB	BIG SPRING TX	118.2	PLN	DTVPLN	-NPLN0321

Results for: 3N TX SAN ANGELO DTVPLN NPLN0262 PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	119855	17486.3
not affected by terrain losses	119807	16976.7
lost to NTSC IX	594	643.8
lost to additional IX by ATV	0	0.0
lost to all IX	594	643.8

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
16	KSAN-TV	SAN ANGELO TX	BMPCDT	-20040802AMM

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
15	KXVA	ABILENE TX	107.9	LIC	BLCT	-20010130ABC
16	KHFT-DT	HOBBS NM	278.5	PLN	DTVPLN	-DTVP0234
16	KUPT	HOBBS NM	278.5	CP	BPCDT	-19991020ACH
16	KVAW	EAGLE PASS TX	322.0	LIC	BLCT	-19910614KH
16	KPTB	LUBBOCK TX	250.6	LIC	BLCT	-19960617KF
16	KHCE-TV	SAN ANTONIO TX	333.0	LIC	BLEDT	-20050209AKG
16	KHCE-DT	SAN ANTONIO TX	285.2	PLN	DTVPLN	-DTVP0244
17	KPCB	SNYDER TX	135.8	LIC	BLCT	-19970409KE
15	ODESSA15		204.2	APP	USERRECORD-01	

FIGURE 1—OET-69 STUDY FOR ODESSA, TX 15D DIGITAL COMPANION CHANNEL

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 17

Analysis of current record

Channel	Call	City/State	Application Ref. No.
17	NEW	FORT STOCKTON TX	BNPTTL -20000831AVJ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
15	KWES-DT	ODESSA TX	123.1	PLN	DTVPLN -DTVP0196
17	KVIA-DT	EL PASO TX	358.9	PLN	DTVPLN -DTVP0283
17	KVIA-TV	EL PASO TX	359.7	LIC	BLCDDT -20060207ABA
17	KPCB	SNYDER TX	280.5	LIC	BLCT -19970409KE
18	KUPB	MIDLAND TX	110.7	CP	BPCDDT -19991230AAK
18	KUPB	MIDLAND TX	110.7	LIC	BLCT -20010529ADD
31	KOSA-DT	ODESSA TX	112.4	PLN	DTVPLN -DTVP0845
15	ODESSA15		104.7	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 18

Analysis of current record

Channel	Call	City/State	Application Ref. No.
17	K17FX	SEMINOLE TX	BLTT -20040719ACF

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
15	KWES-DT	ODESSA TX	84.8	PLN	DTVPLN -DTVP0196
16	KHFT-DT	HOBBS NM	43.2	PLN	DTVPLN -DTVP0234
16	KUPT	HOBBS NM	43.2	CP	BPCDDT -19991020ACH
16	KPTB	LUBBOCK TX	119.2	LIC	BLCT -19960617KF
17	K17EM	ROSWELL NM	179.1	LIC	BLTT -19970515JB
17	KVIA-DT	EL PASO TX	376.2	PLN	DTVPLN -DTVP0283
17	KVIA-TV	EL PASO TX	375.9	LIC	BLCDDT -20060207ABA
17	KPCB	SNYDER TX	162.4	LIC	BLCT -19970409KE
18	KUPB	MIDLAND TX	99.0	CP	BPCDDT -19991230AAK
18	KUPB	MIDLAND TX	99.0	LIC	BLCT -20010529ADD
25	KPTB-DT	LUBBOCK TX	119.2	PLN	DTVPLN -DTVP0621
25	KPTB	LUBBOCK TX	119.2	CP	BPCDDT -19991018ABK
31	KOSA-DT	ODESSA TX	95.9	PLN	DTVPLN -DTVP0845
32	KENW-DT	PORTALES NM	132.2	PLN	DTVPLN -DTVP0872
15	ODESSA15		103.5	APP	USERRECORD-01

FIGURE 1—OET-69 STUDY FOR ODESSA, TX 15D DIGITAL COMPANION CHANNEL

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 19

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
18	NEW	MIDLAND TX	DTVPLN	-NPLN1032

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
15	KWES-DT	ODESSA TX	78.0	PLN	DTVPLN	-DTVP0196
16	KHFT-DT	HOBBS NM	133.8	PLN	DTVPLN	-DTVP0234
17	KPCB	SNYDER TX	144.5	PLN	DTVPLN	-NPLN1004
18	KVAW-DT	EAGLE PASS TX	384.9	PLN	DTVPLN	-DTVP0327
18	NEW	FARWELL TX	301.1	PLN	DTVPLN	-NPLN1031
18	KJTL	WICHITA FALLS TX	400.0	PLN	DTVPLN	-NPLN1033
19	KIDY-DT	SAN ANGELO TX	148.8	PLN	DTVPLN	-DTVP0375
22	KOCV-DT	ODESSA TX	32.2	PLN	DTVPLN	-DTVP0507
25	NEW	CARLSBAD NM	206.0	PLN	DTVPLN	-NPLN1253
26	KMID-DT	MIDLAND TX	30.0	PLN	DTVPLN	-DTVP0655
33	KWAB-DT	BIG SPRING TX	67.9	PLN	DTVPLN	-DTVP0920

Results for: 18N TX MIDLAND	DTVPLN	NPLN1032	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	286189	22162.7	
not affected by terrain losses	285823	21773.0	
lost to NTSC IX	13	6.9	
lost to additional IX by ATV	10236	407.4	
lost to all IX	10249	414.2	

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
18	KUPB	MIDLAND TX	BLCT	-20010529ADD

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
15	KWES-DT	ODESSA TX	35.6	PLN	DTVPLN	-DTVP0196
16	KHFT-DT	HOBBS NM	111.8	PLN	DTVPLN	-DTVP0234
16	KUPT	HOBBS NM	111.8	CP	BPCDT	-19991020ACH
17	KPCB	SNYDER TX	185.9	LIC	BLCT	-19970409KE
18	KVAW	EAGLE PASS TX	398.3	CP	BPCDT	-20001101AAZ
18	KVAW-DT	EAGLE PASS TX	398.3	PLN	DTVPLN	-DTVP0327
18	KDBC-DT	EL PASO TX	373.0	PLN	DTVPLN	-DTVP0328
18	KPTF	FARWELL TX	295.8	LIC	BLCT	-20010405ADB
19	KOCT-DT	CARLSBAD NM	189.8	PLN	DTVPLN	-DTVP0365
19	KIDY-DT	SAN ANGELO TX	192.7	PLN	DTVPLN	-DTVP0375
22	KOCV-DT	ODESSA TX	14.7	PLN	DTVPLN	-DTVP0507
25	KTEL-TV	CARLSBAD NM	169.2	CP	BPCT	-20040416AAB
26	KMID-DT	MIDLAND TX	36.1	PLN	DTVPLN	-DTVP0655

FIGURE 1—OET-69 STUDY FOR ODESSA, TX 15D DIGITAL COMPANION CHANNEL

26	KMID	MIDLAND TX	36.1	CP	BPCDT	-19991029ADE
33	KWAB-TV	BIG SPRING TX	109.7	CP MOD	BMPCDT	-20040324AFC
33	KWAB-DT	BIG SPRING TX	112.4	PLN	DTVPLN	-DTVP0920
15	ODESSA15		7.1	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.
18	JD0415QD	MIDLAND TX	BPTTL -JD0415QD

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
15	KWES-DT	ODESSA TX	54.4	PLN	DTVPLN -DTVP0196
16	KHFT-DT	HOBBS NM	106.0	PLN	DTVPLN -DTVP0234
16	KUPT	HOBBS NM	106.0	CP	BPCDT -19991020ACH
18	KPTF	FARWELL TX	278.5	LIC	BLCT -20010405ADB
18	K24GX	LUBBOCK TX	157.3	APP	BDISTTL -20060403ABD
18	KUPB	MIDLAND TX	32.8	CP	BPCDT -19991230AAK
18	KUPB	MIDLAND TX	32.8	LIC	BLCT -20010529ADD
22	KOCV-DT	ODESSA TX	22.3	PLN	DTVPLN -DTVP0507
26	KMID-DT	MIDLAND TX	3.9	PLN	DTVPLN -DTVP0655
26	KMID	MIDLAND TX	3.8	CP	BPCDT -19991029ADE
33	KWAB-TV	BIG SPRING TX	79.6	CP MOD	BMPCDT -20040324AFC
33	KWAB-DT	BIG SPRING TX	82.9	PLN	DTVPLN -DTVP0920
15	ODESSA15		39.9	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 21

Analysis of current record

Channel	Call	City/State	Application Ref. No.
19	KWGD-LP	WELCH TX	BPTTL -20030922ADC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
15	KWES-DT	ODESSA TX	128.6	PLN	DTVPLN -DTVP0196
16	KHFT-DT	HOBBS NM	94.0	PLN	DTVPLN -DTVP0234
16	KUPT	HOBBS NM	94.0	CP	BPCDT -19991020ACH
16	KPTB	LUBBOCK TX	71.5	LIC	BLCT -19960617KF
17	KPCB	SNYDER TX	116.9	LIC	BLCT -19970409KE
18	KUPB	MIDLAND TX	130.7	CP	BPCDT -19991230AAK
18	KUPB	MIDLAND TX	130.7	LIC	BLCT -20010529ADD
19	KOCT-DT	CARLSBAD NM	194.8	PLN	DTVPLN -DTVP0365
19	KAMR-DT	AMARILLO TX	262.5	PLN	DTVPLN -DTVP0371
19	KIDY-DT	SAN ANGELO TX	215.3	PLN	DTVPLN -DTVP0375
22	KOCV-DT	ODESSA TX	124.3	PLN	DTVPLN -DTVP0507

FIGURE 1—OET-69 STUDY FOR ODESSA, TX 15D DIGITAL COMPANION CHANNEL

22	KWBZ-TV	WOLFFORTH TX	64.4	APP	BPCT	-20050804AAC
22	KWBZ-TV	WOLFFORTH TX	64.4	LIC	BLCT	-20050720ADE
23	KPEJ-DT	ODESSA TX	97.5	PLN	DTVPLN	-DTVP0548
23	KPEJ	ODESSA TX	97.5	CP	BPCDT	-19991022ABM
26	KMID-DT	MIDLAND TX	98.6	PLN	DTVPLN	-DTVP0655
26	KMID	MIDLAND TX	98.7	CP	BPCDT	-19991029ADE
27	KAMC-DT	LUBBOCK TX	66.7	PLN	DTVPLN	-DTVP0694
27	KAMC	LUBBOCK TX	66.7	CP	BPCDT	-19990305KF
33	KWAB-TV	BIG SPRING TX	96.6	CP MOD	BMPCDT	-20040324AFC
33	KWAB-DT	BIG SPRING TX	101.8	PLN	DTVPLN	-DTVP0920
34	KJTV-TV	LUBBOCK TX	45.8	APP	BPCT	-20000511ABE
34	KJTV-TV	LUBBOCK TX	64.4	LIC	BLCT	-19820121KG
15	ODESSA15		136.9	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 22

Analysis of current record

Channel	Call	City/State	Application Ref. No.
19	KWGD-LP	WELCH TX	BLTT -19970627JC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
15	KWES-DT	ODESSA TX	128.6	PLN	DTVPLN -DTVP0196
16	KHFT-DT	HOBBS NM	94.1	PLN	DTVPLN -DTVP0234
16	KUPT	HOBBS NM	94.1	CP	BPCDT -19991020ACH
18	KUPB	MIDLAND TX	130.7	CP	BPCDT -19991230AAK
18	KUPB	MIDLAND TX	130.7	LIC	BLCT -20010529ADD
19	KOCT-DT	CARLSBAD NM	194.8	PLN	DTVPLN -DTVP0365
19	KAMR-DT	AMARILLO TX	262.5	PLN	DTVPLN -DTVP0371
19	KIDY-DT	SAN ANGELO TX	215.3	PLN	DTVPLN -DTVP0375
22	KOCV-DT	ODESSA TX	124.3	PLN	DTVPLN -DTVP0507
23	KPEJ-DT	ODESSA TX	97.5	PLN	DTVPLN -DTVP0548
23	KPEJ	ODESSA TX	97.5	CP	BPCDT -19991022ABM
26	KMID-DT	MIDLAND TX	98.6	PLN	DTVPLN -DTVP0655
26	KMID	MIDLAND TX	98.7	CP	BPCDT -19991029ADE
27	KAMC-DT	LUBBOCK TX	66.7	PLN	DTVPLN -DTVP0694
27	KAMC	LUBBOCK TX	66.7	CP	BPCDT -19990305KF
33	KWAB-TV	BIG SPRING TX	96.5	CP MOD	BMPCDT -20040324AFC
33	KWAB-DT	BIG SPRING TX	101.7	PLN	DTVPLN -DTVP0920
34	KJTV-TV	LUBBOCK TX	45.7	APP	BPCT -20000511ABE
34	KJTV-TV	LUBBOCK TX	64.4	LIC	BLCT -19820121KG
15	ODESSA15		136.9	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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