

Census data selected: 1990  
TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 03-21-2007 Time: 13:19:48

Record Selected for Analysis

K54JR USERRECORD-01 MIDLAND TX US  
Channel 22 ERP 150. kW HAAT 169. m RCAMSL 01039 m  
Latitude 032-02-52 Longitude 0102-17-45  
Status APP Zone 2 Border Offset -  
Dir Antenna Make CDB Model 00000000038035 Beam tilt N Ref Azimuth 0.  
Last update Cutoff date Docket  
Comments  
Applicant

Cell Size for Service Analysis 1.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Not full service station

Facility meets maximum power limit

Azimuth (Deg)	ERP (kW)	HAAT (m)	74.0 dBu F(50,50) (km)
0.0	5.023	146.7	14.7
45.0	8.039	160.5	17.9
90.0	83.701	168.5	31.0
135.0	134.521	162.6	33.4
180.0	126.133	152.3	32.2
225.0	130.294	141.2	31.5
270.0	22.465	129.6	20.9
315.0	5.387	132.2	14.1

Contour Overlap Evaluation from LPTV Station to Full Service TV &  
DTV

Contour overlap to station  
KLCW-TV 22 WOLFFORTH TX BLCT 20050720ADE

Station inside contour of station  
KPEJ 23 ODESSA TX BPCDT 19991022ABM

Spacing violation to station  
KPEJ 24 ODESSA TX BLCT 19940630KE  
Site-to-site distance 5.6km

Contour Overlap Evaluation from LPTV to Full Service TV & DTV  
Complete

Contour Overlap Evaluation from LPTV Station to LPTV Stations

Contour overlap to station

K21GU 21 MIDLAND TX BNPTTL 20000830ANH

Contour Overlap Evaluation from LPTV to LPTV Stations Complete

Contour Overlap to Proposed Station

Station  
K21GU 21 MIDLAND TX BNPTTL20000830ANH

Is inside contour of station

K54JR 22 MIDLAND TX USERRECORD01

Station  
K21GU 21 MIDLAND TX BLTTL20061107AEL

Is inside contour of station

K54JR 22 MIDLAND TX USERRECORD01

Contour Overlap Evaluation to Proposed Station Complete

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quite zone

Proposed facility OK toward Table Mountain

Proposed facility is beyond the Canadian coordination distance

Proposed facility is within the Mexican coordination distance  
Distance to border = 239.9km

Proposed station is OK toward AM broadcast stations

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Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
22	K54JR	MIDLAND TX	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
21	K21GU	MIDLAND TX	26.0	CP	BNPTTL	-
20000830ANH						
22	KLCW-TV	WOLFFORTH TX	166.4	LIC	BLCT	-
20050720ADE						
23	KPEJ	ODESSA TX	5.6	CP	BPCDT	-
19991022ABM						

24 KPEJ ODESSA TX 5.6 LIC BLCT -  
19940630KE

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Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
21	K21GU	MIDLAND TX	BNPTTL	-20000830ANH

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
14	960726KL	BIG SPRING TX	30.4	APP	BPET	-
19960726KL						
18	KUPB	MIDLAND TX	48.7	CP	BPCDT	-
19991230AAK						
20	NEW	MIDLAND TX	6.1	APP	BNPTTL	-
20000818ABB						
20	NEW	MIDLAND TX	0.1	APP	BNPTTL	-
20000830BOL						
20	KTLE-LP	ODESSA TX	34.0	APP	BMJPTTL	-
20000830BSG						
21	KRWB-TV	ROSWELL NM	243.1	LIC	BLCT	-
20030204AGY						
21	KACV-DT	AMARILLO TX	376.1	PLN	DTVPLN	-
DTVP0458						
21	KABS-LP	BIG SPRING TX	62.0	CP	BNPTTL	-
20000830BCJ						
21	960726KI	SAN ANGELO TX	149.6	APP	BPET	-
19960726KI						
21	K21FV	SEMINOLE TX	101.5	LIC	BLTT	-
20040421AAO						
22	KOCV-DT	ODESSA TX	34.1	PLN	DTVPLN	-
DTVP0507						
23	KPEJ	ODESSA TX	28.0	CP	BPCDT	-
19991022ABM						
23	KPEJ-DT	ODESSA TX	28.0	PLN	DTVPLN	-
DTVP0548						
36	KPBT-TV	ODESSA TX	34.1	LIC	BLET	-
19860401KG						
22	K54JR	MIDLAND TX	26.0	APP	USERRECORD-01	
Proposal causes no interference						

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Analysis of Interference to Affected Station 2

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
22	NEW	WOLFFORTH TX	DTVPLN	-NPLN1158

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref.
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No.							
21	KACV-DT	AMARILLO TX	204.6	PLN	DTVPLN	-	
DTVP0458							
22	KOCV-DT	ODESSA TX	187.9	PLN	DTVPLN	-	
DTVP0507							
22	KAUZ-DT	WICHITA FALLS TX	311.4	PLN	DTVPLN	-	
DTVP0508							
23	KPEJ-DT	ODESSA TX	160.9	PLN	DTVPLN	-	
DTVP0548							
25	KPTB-DT	LUBBOCK TX	7.4	PLN	DTVPLN	-	
DTVP0621							
29	KHFT	HOBBS NM	143.0	PLN	DTVPLN	-	
NPLN1363							
36	KOCVTV	ODESSA TX	187.9	PLN	DTVPLN	-	
NPLN1532							

Results for: 22N TX WOLFFORTH	DTVPLN	NPLN1158	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	255631	7699.1	
not affected by terrain losses	255631	7659.4	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	40	97.2	
lost to all IX	40	97.2	

# Analysis of current record

Channel	Call	City/State	Application	Ref. No.
22	KLCW-TV	WOLFFORTH TX	BLCT	-20050720ADE

## Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
21	KACV-DT	AMARILLO TX	204.6	PLN	DTVPLN	-
DTVP0458						
22	KOCV-DT	ODESSA TX	187.9	PLN	DTVPLN	-
DTVP0507						
22	KAUZ-DT	WICHITA FALLS TX	311.4	PLN	DTVPLN	-
DTVP0508						
23	KPEJ	ODESSA TX	160.9	CP	BPCDT	-
19991022ABM						
23	KPEJ-DT	ODESSA TX	160.9	PLN	DTVPLN	-
DTVP0548						
25	KPTB-DT	LUBBOCK TX	7.4	PLN	DTVPLN	-
DTVP0621						
29	KUPT	HOBBS NM	143.0	LIC	BLCT	-
20000424AAU						
36	KPBT-TV	ODESSA TX	187.9	LIC	BLET	-
19860401KG						
22	K54JR	MIDLAND TX	166.4	APP	USERRECORD-01	

Total scenarios = 2

Result key: 1  
Scenario 1 Affected station 2 KLCW-TV  
Before Analysis

Results for: 22N TX WOLFFORTH	BLCT	20050720ADE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	269933	9084.9	
not affected by terrain losses	269933	9047.2	

lost to NTSC IX	0	0.0
lost to additional IX by ATV	73	146.8
lost to all IX	73	146.8

Potential Interfering Stations Included in above Scenario 1

22A TX WICHITA FALLS DTVPLN DTVP0508 PLN

After Analysis

Results for: 22N TX WOLFFORTH	BLCT	20050720ADE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	269933	9084.9	
not affected by terrain losses	269933	9047.2	
lost to NTSC IX	11	55.6	
lost to additional IX by ATV	73	107.1	
lost to all IX	84	162.7	

Potential Interfering Stations Included in above Scenario 1

22A TX WICHITA FALLS DTVPLN DTVP0508 PLN  
 22N TX MIDLAND USERRECORD01 APP

Result key: 2  
 Scenario 2 Affected station 2 KLCW-TV  
 Before Analysis

Results for: 22N TX WOLFFORTH	BLCT	20050720ADE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	269933	9084.9	
not affected by terrain losses	269933	9047.2	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	73	146.8	
lost to all IX	73	146.8	

Potential Interfering Stations Included in above Scenario 2

22A TX WICHITA FALLS DTVPLN DTVP0508 PLN

After Analysis

Results for: 22N TX WOLFFORTH	BLCT	20050720ADE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	269933	9084.9	
not affected by terrain losses	269933	9047.2	
lost to NTSC IX	11	55.6	
lost to additional IX by ATV	73	107.1	
lost to all IX	84	162.7	

Potential Interfering Stations Included in above Scenario 2

22A TX WICHITA FALLS DTVPLN DTVP0508 PLN  
 22N TX MIDLAND USERRECORD01 APP

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Analysis of Interference to Affected Station 3

DTV Baseline Analysis

Channel	Call	City/State	Application Ref. No.
23	KPEJ-DT	ODESSA TX	DTVPLN -DTVP0548

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application Ref.
22	KOCV-DT	ODESSA TX	27.1	PLN	DTVPLN -
DTVP0507					
22	NEW	WOLFFORTH TX	160.9	PLN	DTVPLN -
NPLN1158					
23	KSWO-DT	LAWTON OK	407.0	PLN	DTVPLN -
DTVP0538					
23	KVII-DT	AMARILLO TX	366.2	PLN	DTVPLN -
DTVP0544					
24	KPEJ	ODESSA TX	0.0	PLN	DTVPLN -
NPLN1228					

Results for: 23A TX ODESSA	DTVPLN	DTVP0548	PLN
HAAT 335.0 m, ATV ERP 99.8 kW			

	POPULATION	AREA (sq km)
within Noise Limited Contour	291528	18913.6
not affected by terrain losses	291374	18909.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	783	1.0
lost to ATV IX only	783	1.0
lost to all IX	783	1.0

NTSC Baseline Analysis

Channel	Call	City/State	Application Ref. No.
24	KPEJ	ODESSA TX	DTVPLN -NPLN1228

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application Ref.
16	KHFT-DT	HOBBS NM	102.9	PLN	DTVPLN -
DTVP0234					
17	KPCB	SNYDER TX	151.0	PLN	DTVPLN -
NPLN1004					
22	KOCV-DT	ODESSA TX	27.1	PLN	DTVPLN -
DTVP0507					
23	KPEJ-DT	ODESSA TX	0.0	PLN	DTVPLN -
DTVP0548					
24	KTAB-DT	ABILENE TX	254.0	PLN	DTVPLN -
DTVP0584					
24	NEW	DEL RIO TX	334.2	PLN	DTVPLN -
NPLN1227					
25	NEW	CARLSBAD NM	177.4	PLN	DTVPLN -
NPLN1253					
25	KPTB-DT	LUBBOCK TX	167.6	PLN	DTVPLN -
DTVP0621					
26	KMID-DT	MIDLAND TX	1.2	PLN	DTVPLN -
DTVP0655					
31	KOSA-DT	ODESSA TX	37.6	PLN	DTVPLN -
DTVP0845					

Results for: 24N TX ODESSA	DTVPLN	NPLN1228	PLN
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	POPULATION	AREA (sq km)
within Noise Limited Contour	291528	18907.7
not affected by terrain losses	289742	18892.0

lost to NTSC IX	0	0.0
lost to additional IX by ATV	23	6.9
lost to all IX	23	6.9

#### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
23	KPEJ	ODESSA TX	BPCDT	-19991022ABM

#### Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
22	KOCV-DT	ODESSA TX	27.1	PLN	DTVPLN	-
DTVP0507						
22	KLCW-TV	WOLFFORTH TX	160.9	APP	BSTA	-
20070227ADA						
22	KLCW-TV	WOLFFORTH TX	160.9	LIC	BLCT	-
20050720ADE						
22	KLCW-TV	WOLFFORTH TX	160.9	APP	BPCT	-
20050804AAC						
23	KRWG-TV	LAS CRUCES NM	415.2	CP MOD	BMPEDT	-
20041104AXJ						
23	KSWO-DT	LAWTON OK	407.0	PLN	DTVPLN	-
DTVP0538						
23	KVII-DT	AMARILLO TX	366.2	PLN	DTVPLN	-
DTVP0544						
24	KPEJ	ODESSA TX	0.0	LIC	BLCT	-
19940630KE						
22	K54JR	MIDLAND TX	5.6	APP	USERRECORD-01	
Proposal causes no interference						

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#### Analysis of Interference to Affected Station 4

#### NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
24	KPEJ	ODESSA TX	DTVPLN	-NPLN1228

#### Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
16	KHFT-DT	HOBBS NM	102.9	PLN	DTVPLN	-
DTVP0234						
17	KPCB	SNYDER TX	151.0	PLN	DTVPLN	-
NPLN1004						
22	KOCV-DT	ODESSA TX	27.1	PLN	DTVPLN	-
DTVP0507						
23	KPEJ-DT	ODESSA TX	0.0	PLN	DTVPLN	-
DTVP0548						
24	KTAB-DT	ABILENE TX	254.0	PLN	DTVPLN	-
DTVP0584						
24	NEW	DEL RIO TX	334.2	PLN	DTVPLN	-
NPLN1227						
25	NEW	CARLSBAD NM	177.4	PLN	DTVPLN	-
NPLN1253						
25	KPTB-DT	LUBBOCK TX	167.6	PLN	DTVPLN	-
DTVP0621						

26	KMID-DT	MIDLAND TX	1.2	PLN	DTVPLN	-
DTVP0655						
31	KOSA-DT	ODESSA TX	37.6	PLN	DTVPLN	-
DTVP0845						

Results for: 24N TX ODESSA	DTVPLN	NPLN1228	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	291528	18907.7	
not affected by terrain losses	289742	18892.0	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	23	6.9	
lost to all IX	23	6.9	

Analysis of current record				
Channel	Call	City/State	Application Ref. No.	
24	KPEJ	ODESSA TX	BLCT	-19940630KE

# Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
16	KHFT-DT	HOBBS NM	102.9	PLN	DTVPLN	-
DTVP0234						
17	KPCB	SNYDER TX	151.0	LIC	BLCT	-
19970409KE						
22	KOCV-DT	ODESSA TX	27.1	PLN	DTVPLN	-
DTVP0507						
23	KPEJ	ODESSA TX	0.0	CP	BPCDT	-
19991022ABM						
23	KPEJ-DT	ODESSA TX	0.0	PLN	DTVPLN	-
DTVP0548						
24	KTAB-DT	ABILENE TX	254.0	PLN	DTVPLN	-
DTVP0584						
24	KTAB-TV	ABILENE TX	254.0	CP MOD	BMPCDT	-
20070125ABS						
25	KTEL-TV	CARLSBAD NM	182.3	CP	BPCT	-
20040416AAB						
25	KPTB-DT	LUBBOCK TX	167.6	PLN	DTVPLN	-
DTVP0621						
26	KMID-DT	MIDLAND TX	1.2	PLN	DTVPLN	-
DTVP0655						
26	KMID	MIDLAND TX	1.3	CP	BPCDT	-
19991029ADE						
31	KOSA-DT	ODESSA TX	37.6	PLN	DTVPLN	-
DTVP0845						
38	KPBT-TV	ODESSA TX	27.1	CP MOD	BMPEDT	-
20030212AAR						
38	KOCV-TV	ODESSA TX	27.1	LIC	BPRM	-
20011221ABZ						
22	K54JR	MIDLAND TX	5.6	APP	USERRECORD-01	

Total scenarios = 8

Result key:	3
Scenario	1 Affected station
Before Analysis	4 KPEJ

Results for: 24N TX ODESSA	BLCT	19940630KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	291528	18907.7	



not affected by terrain losses	289742	18892.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	806	7.9
lost to all IX	806	7.9

Potential Interfering Stations Included in above Scenario 1

24A TX ABILENE	DTVPLN	DTVP0584	PLN
38A TX ODESSA	BMPEDT	20030212AAR	CP

After Analysis

Results for: 24N TX ODESSA	BLCT	19940630KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	291528	18907.7	
not affected by terrain losses	289742	18892.0	
lost to NTSC IX	152	2.0	
lost to additional IX by ATV	806	7.9	
lost to all IX	958	9.8	

Potential Interfering Stations Included in above Scenario 1

24A TX ABILENE	DTVPLN	DTVP0584	PLN
38A TX ODESSA	BMPEDT	20030212AAR	CP
22N TX MIDLAND	USERRECORD01		APP

Result key: 4  
 Scenario 2 Affected station 4 KPEJ  
 Before Analysis

Results for: 24N TX ODESSA	BLCT	19940630KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	291528	18907.7	
not affected by terrain losses	289742	18892.0	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	806	7.9	
lost to all IX	806	7.9	

Potential Interfering Stations Included in above Scenario 2

24A TX ABILENE	DTVPLN	DTVP0584	PLN
38A TX ODESSA	BPRM	20011221ABZ	LIC

After Analysis

Results for: 24N TX ODESSA	BLCT	19940630KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	291528	18907.7	
not affected by terrain losses	289742	18892.0	
lost to NTSC IX	152	2.0	
lost to additional IX by ATV	806	7.9	
lost to all IX	958	9.8	

Potential Interfering Stations Included in above Scenario 2

24A TX ABILENE	DTVPLN	DTVP0584	PLN
38A TX ODESSA	BPRM	20011221ABZ	LIC
22N TX MIDLAND	USERRECORD01		APP

Result key: 5  
 Scenario 3 Affected station 4 KPEJ

# Before Analysis

Results for: 24N TX ODESSA	BLCT	19940630KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	291528	18907.7	
not affected by terrain losses	289742	18892.0	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	1942	110.9	
lost to all IX	1942	110.9	

Potential Interfering Stations Included in above Scenario 3

24A TX ABILENE	BMPCDT	20070125ABS	CP
38A TX ODESSA	BMPEDT	20030212AAR	CP

# After Analysis

Results for: 24N TX ODESSA	BLCT	19940630KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	291528	18907.7	
not affected by terrain losses	289742	18892.0	
lost to NTSC IX	152	2.0	
lost to additional IX by ATV	1942	110.9	
lost to all IX	2094	112.8	

Potential Interfering Stations Included in above Scenario 3

24A TX ABILENE	BMPCDT	20070125ABS	CP
38A TX ODESSA	BMPEDT	20030212AAR	CP
22N TX MIDLAND	USERRECORD01		APP

Result key: 6  
 Scenario 4 Affected station 4 KPEJ  
 Before Analysis

Results for: 24N TX ODESSA	BLCT	19940630KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	291528	18907.7	
not affected by terrain losses	289742	18892.0	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	1942	110.9	
lost to all IX	1942	110.9	

Potential Interfering Stations Included in above Scenario 4

24A TX ABILENE	BMPCDT	20070125ABS	CP
38A TX ODESSA	BPRM	20011221ABZ	LIC

# After Analysis

Results for: 24N TX ODESSA	BLCT	19940630KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	291528	18907.7	
not affected by terrain losses	289742	18892.0	
lost to NTSC IX	152	2.0	
lost to additional IX by ATV	1942	110.9	
lost to all IX	2094	112.8	

Potential Interfering Stations Included in above Scenario 4

24A TX ABILENE	BMPCDT	20070125ABS	CP
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38A TX ODESSA                      BPRM            20011221ABZ    LIC  
22N TX MIDLAND                    USERRECORD01       APP

Result key:            7  
Scenario            5    Affected station            4    KPEJ  
Before Analysis

Results for: 24N TX ODESSA	BLCT	19940630KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	291528	18907.7	
not affected by terrain losses	289742	18892.0	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	806	7.9	
lost to all IX	806	7.9	

Potential Interfering Stations Included in above Scenario            5

24A TX ABILENE                    DTVPLN            DTVP0584            PLN  
38A TX ODESSA                    BMPEDT            20030212AAR       CP

After Analysis

Results for: 24N TX ODESSA	BLCT	19940630KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	291528	18907.7	
not affected by terrain losses	289742	18892.0	
lost to NTSC IX	152	2.0	
lost to additional IX by ATV	806	7.9	
lost to all IX	958	9.8	

Potential Interfering Stations Included in above Scenario            5

24A TX ABILENE                    DTVPLN            DTVP0584            PLN  
38A TX ODESSA                    BMPEDT            20030212AAR       CP  
22N TX MIDLAND                    USERRECORD01       APP

Result key:            8  
Scenario            6    Affected station            4    KPEJ  
Before Analysis

Results for: 24N TX ODESSA	BLCT	19940630KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	291528	18907.7	
not affected by terrain losses	289742	18892.0	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	806	7.9	
lost to all IX	806	7.9	

Potential Interfering Stations Included in above Scenario            6

24A TX ABILENE                    DTVPLN            DTVP0584            PLN  
38A TX ODESSA                    BPRM            20011221ABZ       LIC

After Analysis

Results for: 24N TX ODESSA	BLCT	19940630KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	291528	18907.7	
not affected by terrain losses	289742	18892.0	
lost to NTSC IX	152	2.0	
lost to additional IX by ATV	806	7.9	

lost to all IX 958 9.8

Potential Interfering Stations Included in above Scenario 6

24A TX ABILENE	DTVPLN	DTVP0584	PLN
38A TX ODESSA	BPRM	20011221ABZ	LIC
22N TX MIDLAND	USERRECORD01		APP

Result key: 9  
Scenario 7 Affected station 4 KPEJ  
Before Analysis

Results for: 24N TX ODESSA	BLCT	19940630KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	291528	18907.7	
not affected by terrain losses	289742	18892.0	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	1942	110.9	
lost to all IX	1942	110.9	

Potential Interfering Stations Included in above Scenario 7

24A TX ABILENE	BMPCDT	20070125ABS	CP
38A TX ODESSA	BMPEDT	20030212AAR	CP

After Analysis

Results for: 24N TX ODESSA	BLCT	19940630KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	291528	18907.7	
not affected by terrain losses	289742	18892.0	
lost to NTSC IX	152	2.0	
lost to additional IX by ATV	1942	110.9	
lost to all IX	2094	112.8	

Potential Interfering Stations Included in above Scenario 7

24A TX ABILENE	BMPCDT	20070125ABS	CP
38A TX ODESSA	BMPEDT	20030212AAR	CP
22N TX MIDLAND	USERRECORD01		APP

Result key: 10  
Scenario 8 Affected station 4 KPEJ  
Before Analysis

Results for: 24N TX ODESSA	BLCT	19940630KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	291528	18907.7	
not affected by terrain losses	289742	18892.0	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	1942	110.9	
lost to all IX	1942	110.9	

Potential Interfering Stations Included in above Scenario 8

24A TX ABILENE	BMPCDT	20070125ABS	CP
38A TX ODESSA	BPRM	20011221ABZ	LIC

After Analysis

Results for: 24N TX ODESSA	BLCT	19940630KE	LIC
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	POPULATION	AREA (sq km)
within Noise Limited Contour	291528	18907.7
not affected by terrain losses	289742	18892.0
lost to NTSC IX	152	2.0
lost to additional IX by ATV	1942	110.9
lost to all IX	2094	112.8

Potential Interfering Stations Included in above Scenario 8

24A TX ABILENE	BMPCDT	20070125ABS	CP
38A TX ODESSA	BPRM	20011221ABZ	LIC
22N TX MIDLAND	USERRECORD01		APP

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Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application Ref. No.
22	K54JR	MIDLAND TX	USERRECORD-01

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application Ref.
15	KWES-DT	ODESSA TX	54.2	PLN	DTVPLN -
DTVP0196					
18	KUPB	MIDLAND TX	32.3	CP	BPCDT -
19991230AAK					
21	K21GU	MIDLAND TX	26.0	CP	BNPTTL -
20000830ANH					
22	KOCV-DT	ODESSA TX	21.7	PLN	DTVPLN -
DTVP0507					
22	KLCW-TV	WOLFFORTH TX	166.4	APP	BSTA -
20070227ADA					
22	KLCW-TV	WOLFFORTH TX	166.4	LIC	BLCT -
20050720ADE					
22	KLCW-TV	WOLFFORTH TX	166.4	APP	BPCT -
20050804AAC					
23	KPEJ	ODESSA TX	5.6	CP	BPCDT -
19991022ABM					
23	KPEJ-DT	ODESSA TX	5.6	PLN	DTVPLN -
DTVP0548					
24	KPEJ	ODESSA TX	5.6	LIC	BLCT -
19940630KE					
26	KMID-DT	MIDLAND TX	4.5	PLN	DTVPLN -
DTVP0655					
26	KMID	MIDLAND TX	4.4	CP	BPCDT -
19991029ADE					
36	KPBT-TV	ODESSA TX	21.7	LIC	BLET -
19860401KG					

Total scenarios = 1

Result key: 11

Scenario 1 Affected station 5 K54JR

Before Analysis

Results for: 22N TX MIDLAND	USERRECORD01	APP
	POPULATION	AREA (sq km)
within Noise Limited Contour	221026	2394.6
not affected by terrain losses	221026	2394.6
lost to NTSC IX	5179	20.7
lost to additional IX by ATV	215695	2368.0
lost to all IX	220874	2388.7

Potential Interfering Stations Included in above Scenario 1

21N TX MIDLAND	BNPTTL	20000830ANH	CP
36N TX ODESSA	BLET	19860401KG	LIC
18A TX MIDLAND	BPCDT	19991230AAK	CP
22A TX ODESSA	DTVPLN	DTVP0507	PLN

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