

## TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 05-14-2002 Time: 11:12:36

## Record Selected for Analysis

KEYE-DT BPCDT -19991101ABZ AUSTIN TX US  
 Channel 43 ERP 1000 kW HAAT 00395 m RCAMSL 00616 m  
 Latitude 030-19-18 Longitude 0097-48-11  
 Status CP Zone 3 Border M  
 Dir Antenna Make CDB Model 00000000050000 Beam tilt Y Ref Azimuth 0.0  
 Last update 00000000 Cutoff date 00110311 Docket  
 Comments  
 Applicant KTVT BROADCASTING COMPANY, L.P.

Cell Size for Service Analysis 2.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Facility does not meet maximum height/power limits

Channel 43 ERP = 1000.00 HAAT = 395.

Azimuth (Deg)	ERP (kW)	HAAT (m)	41.0 dBu F(50,90) (km)
0.0	559.504	368.0	98.2
45.0	569.270	381.2	99.3
90.0	574.564	424.0	102.8
135.0	834.482	462.4	109.8
180.0	866.761	411.4	105.7
225.0	848.241	344.5	99.8
270.0	863.041	375.0	102.5
315.0	585.225	390.0	100.3

## Evaluation toward Class A Stations

Station inside contour of Class A station

K67FY 40 AUSTIN TX BPTTL 19980601PG

Contour overlap to Class A station

KOB5-LP 43 SAN ANTONIO TX BPTTL 19990608JB

D/U ratio at contour 13.8 dB

Offset Proposed Offset Class A + Required D/U ratio: 34.0

Radial 0.0 degrees

Bearing to point on contour 217.7 degrees

D/U ratio at contour 13.5 dB

Radial 10.0 degrees

Bearing to point on contour 217.3 degrees

D/U ratio at contour 13.1 dB

Radial 20.0 degrees

Bearing to point on contour 216.7 degrees

D/U ratio at contour 12.8 dB

Radial 30.0 degrees

Bearing to point on contour 216.0 degrees

D/U ratio at contour 12.6 dB

Radial 40.0 degrees

Bearing to point on contour 215.1 degrees  
D/U ratio at contour 12.6 dB  
Radial 50.0 degrees  
Bearing to point on contour 214.1 degrees  
D/U ratio at contour 12.7 dB  
Radial 60.0 degrees  
Bearing to point on contour 213.2 degrees  
D/U ratio at contour 12.9 dB  
Radial 70.0 degrees  
Bearing to point on contour 212.5 degrees  
D/U ratio at contour 13.3 dB  
Radial 80.0 degrees  
Bearing to point on contour 212.1 degrees  
D/U ratio at contour 13.7 dB  
Radial 90.0 degrees  
Bearing to point on contour 212.0 degrees  
D/U ratio at contour 14.1 dB  
Radial 100.0 degrees  
Bearing to point on contour 212.1 degrees  
D/U ratio at contour 14.5 dB  
Radial 110.0 degrees  
Bearing to point on contour 212.5 degrees  
D/U ratio at contour 14.7 dB  
Radial 120.0 degrees  
Bearing to point on contour 212.5 degrees  
D/U ratio at contour 14.9 dB  
Radial 130.0 degrees  
Bearing to point on contour 212.4 degrees  
D/U ratio at contour 15.2 dB  
Radial 140.0 degrees  
Bearing to point on contour 212.4 degrees  
D/U ratio at contour 15.4 dB  
Radial 150.0 degrees  
Bearing to point on contour 212.7 degrees  
D/U ratio at contour 15.6 dB  
Radial 160.0 degrees  
Bearing to point on contour 213.0 degrees  
D/U ratio at contour 15.8 dB  
Radial 170.0 degrees  
Bearing to point on contour 213.2 degrees  
D/U ratio at contour 16.3 dB  
Radial 180.0 degrees  
Bearing to point on contour 213.3 degrees  
D/U ratio at contour 16.6 dB  
Radial 190.0 degrees  
Bearing to point on contour 213.7 degrees  
D/U ratio at contour 17.0 dB  
Radial 200.0 degrees  
Bearing to point on contour 214.2 degrees  
D/U ratio at contour 17.3 dB  
Radial 210.0 degrees  
Bearing to point on contour 215.0 degrees  
D/U ratio at contour 17.4 dB  
Radial 220.0 degrees  
Bearing to point on contour 216.0 degrees  
D/U ratio at contour 17.4 dB  
Radial 230.0 degrees  
Bearing to point on contour 216.9 degrees  
D/U ratio at contour 17.3 dB  
Radial 240.0 degrees  
Bearing to point on contour 217.7 degrees  
D/U ratio at contour 17.0 dB  
Radial 250.0 degrees

Bearing to point on contour 218.4 degrees  
D/U ratio at contour 16.7 dB  
Radial 260.0 degrees  
Bearing to point on contour 218.9 degrees  
D/U ratio at contour 16.4 dB  
Radial 270.0 degrees  
Bearing to point on contour 219.2 degrees  
D/U ratio at contour 16.1 dB  
Radial 280.0 degrees  
Bearing to point on contour 219.4 degrees  
D/U ratio at contour 15.7 dB  
Radial 290.0 degrees  
Bearing to point on contour 219.4 degrees  
D/U ratio at contour 15.4 dB  
Radial 300.0 degrees  
Bearing to point on contour 219.3 degrees  
D/U ratio at contour 15.1 dB  
Radial 310.0 degrees  
Bearing to point on contour 219.1 degrees  
D/U ratio at contour 14.8 dB  
Radial 320.0 degrees  
Bearing to point on contour 219.1 degrees  
D/U ratio at contour 14.6 dB  
Radial 330.0 degrees  
Bearing to point on contour 218.9 degrees  
D/U ratio at contour 14.3 dB  
Radial 340.0 degrees  
Bearing to point on contour 218.6 degrees  
D/U ratio at contour 14.0 dB  
Radial 350.0 degrees  
Bearing to point on contour 218.2 degrees

Station inside contour of Class A station  
KBVO-LP 51 AUSTIN TX BPTTL 19980601WC

Class A Evaluation Complete

SPACING VIOLATION FOUND BETWEEN STATION

KEYE-DT 43 AUSTIN TX BPCDT 19991101ABZ

and station

SHORT TO: KEYE-DT 43 AUSTIN TX DTVPLN DTVP1180  
30-19-10 97-48-06  
Req. separation 223.7 Actual separation 0.3 Short 223.4 km

SHORT TO: KNCT 46 BELTON TX BLCT 2369  
030-59-12 0097-37-47  
Req. separation => 24.1 <= 96.6 Actual separation 75.5 Short 21.1( 51.4) km

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 Mountian

Proposed facility is beyond the Canadian coordination distance

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

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Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
43	KEYE-DT	AUSTIN TX	BPCDT 19991101ABZ

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
28	KYLE	BRYAN TX	138.0	LIC	BLCT	-19970219KG
29	KABB	SAN ANTONIO TX	123.1	LIC	BLCT	-19880210KF
35	KRRT	KERRVILLE TX	131.4	LIC	BLCT	-19851120KE
36	KXAN-TV	AUSTIN TX	0.6	LIC	BLCT	-19971202KF
41	KWEX-TV	SAN ANTONIO TX	122.4	LIC	BLCT	-19970331SG
42	KEYE-TV	AUSTIN TX	0.3	LIC	BLCT	-19831216KH
42	KEYE-TV	AUSTIN TX	0.3	CP	BPCT	-19961211KG
43	KDTN-DT	DENTON TX	259.6	CP	BPEDT	-20000501AFJ
43	KDTN-DT	DENTON TX	264.1	PLN	DTVPLN	-DTVP1181
43	KTRE-DT	LUFKIN TX	311.3	PLN	DTVPLN	-DTVP1183
44	KWKT	WACO TX	119.3	LIC	BLCT	-19880322KI
46	KNCT	BELTON TX	75.7	LIC	BLCT	-2369

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Analysis of Interference to Affected Station 1

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
28	KYLE	BRYAN TX	DTVPLN	-NPLN1464

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
20	KCTF-DT	WACO TX	115.3	PLN	DTVPLN	-DTVP0400
21	KXAN-DT	AUSTIN TX	137.5	PLN	DTVPLN	-DTVP0435
26	KXXV-DT	WACO TX	110.9	PLN	DTVPLN	-DTVP0618
27	KRIV-DT	HOUSTON TX	152.9	PLN	DTVPLN	-DTVP0652
27	KXAM-DT	LLANO TX	204.6	PLN	DTVPLN	-DTVP0653
28	KATC-DT	LAFAYETTE LA	395.6	PLN	DTVPLN	-DTVP0669
28	KTBS-DT	SHREVEPORT LA	323.8	PLN	DTVPLN	-DTVP0670
29	KYLE-DT	BRYAN TX	0.0	PLN	DTVPLN	-DTVP0724
42	KHIM-DT	CONROE TX	134.8	PLN	DTVPLN	-DTVP1149
43	KEYE-DT	AUSTIN TX	137.9	PLN	DTVPLN	-DTVP1180
28	KORO	CORPUS CHRISTI TX	346.7	PLN	DTVPLN	-NPLN1465
36	KXANTV	AUSTIN TX	137.5	PLN	DTVPLN	-NPLN1472
42	KEYETV	AUSTIN TX	137.9	PLN	DTVPLN	-NPLN1477
25	KXXV	WACO TX	110.9	PLN	DTVPLN	-NPLN1568

Results for: 28N TX BRYAN	DTVPLN	NPLN1464	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	224591	12765.8	
not affected by terrain losses	224496	12741.8	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	158	48.0	
lost to all IX	158	48.0	

# Analysis of current record

Channel	Call	City/State	Application	Ref. No.
28	KYLE	BRYAN TX	BLCT	-19970219KG

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
20	KWBU-DT	WACO TX	112.3	APP	BPEDT	-20000426ABP
20	KCTF-DT	WACO TX	115.3	PLN	DTVPLN	-DTVP0400
21	KXAN-DT	AUSTIN TX	137.5	APP	BPCDT	-19991018AAR
21	KXAN-DT	AUSTIN TX	137.5	PLN	DTVPLN	-DTVP0435
25	KXXV	WACO TX	110.9	LIC	BLCT	-19850401KE
26	KXXV-DT	WACO TX	110.9	CP	BPCDT	-19991020ABZ
26	KXXV-DT	WACO TX	110.9	PLN	DTVPLN	-DTVP0618
27	KRIV	HOUSTON TX	152.9	APP	BMPCDT	-19980807KH
27	KRIV-DT	HOUSTON TX	152.9	PLN	DTVPLN	-DTVP0652
27	KRIV-DT	HOUSTON TX	152.9	LIC	BLCDT	-19991101ALD
27	KXAM-DT	LLANO TX	204.6	APP	BPCDT	-19991018AAV
27	KXAM-DT	LLANO TX	204.6	PLN	DTVPLN	-DTVP0653
28	KATC-DT	LAFAYETTE LA	398.8	CP MOD	BMPCDT	-20011023AAJ
28	KATC-DT	LAFAYETTE LA	395.6	PLN	DTVPLN	-DTVP0669
28	KTBS-DT	SHREVEPORT LA	323.8	CP	BPCDT	-19990909AAC
28	KTBS-DT	SHREVEPORT LA	323.8	PLN	DTVPLN	-DTVP0670
28	KORO	CORPUS CHRISTI TX	346.7	LIC	BLCT	-19871029KF
28	KORO	CORPUS CHRISTI TX	351.4	APP	BPCT	-20010209ABR
29	KYLE-DT	BRYAN TX	0.0	CP	BPCDT	-19991018ABD
29	KYLE-DT	BRYAN TX	0.0	PLN	DTVPLN	-DTVP0724
36	KXAN-TV	AUSTIN TX	137.5	LIC	BLCT	-19971202KF
42	KEYE-TV	AUSTIN TX	137.9	CP	BPCT	-19961211KG
42	KHIM-DT	CONROE TX	134.8	PLN	DTVPLN	-DTVP1149
43	KEYE-DT	AUSTIN TX	138.0	CP	BPCDT	-19991101ABZ
43	KEYE-DT	AUSTIN TX	137.9	PLN	DTVPLN	-DTVP1180

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.
29	KABB	SAN ANTONIO TX	DTVPLN	-NPLN1573

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
21	KXAN-DT	AUSTIN TX	123.7	PLN	DTVPLN	-DTVP0435
22	KLRU-DT	AUSTIN TX	123.2	PLN	DTVPLN	-DTVP0477
29	KRBC-DT	ABILENE TX	361.3	PLN	DTVPLN	-DTVP0723
29	KYLE-DT	BRYAN TX	235.8	PLN	DTVPLN	-DTVP0724
30	KABB-DT	SAN ANTONIO TX	0.0	PLN	DTVPLN	-DTVP0758

32	KRRT-DT	KERRVILLE TX	70.0	PLN	DTVPLN	-DTVP0833
33	KVUE-DT	AUSTIN TX	123.2	PLN	DTVPLN	-DTVP0865
43	KEYE-DT	AUSTIN TX	122.9	PLN	DTVPLN	-DTVP1180
28	KORO	CORPUS CHRISTI TX	181.8	PLN	DTVPLN	-NPLN1465
36	KXANTV	AUSTIN TX	123.7	PLN	DTVPLN	-NPLN1472
26	NEW	UVALDE TX	132.9	PLN	DTVPLN	-NPLN1569

Results for: 29N TX SAN ANTONIO		DTVPLN	NPLN1573	PLN
	POPULATION	AREA (sq km)		
within Noise Limited Contour	1506919	24170.7		
not affected by terrain losses	1498026	23503.4		
lost to NTSC IX	1151	139.9		
lost to additional IX by ATV	1027	75.9		
lost to all IX	2178	215.8		

#### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
29	KABB	SAN ANTONIO TX	BLCT	-19880210KF

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
21	KXAN-DT	AUSTIN TX	123.7	APP	BPCDT	-19991018AAR
21	KXAN-DT	AUSTIN TX	123.7	PLN	DTVPLN	-DTVP0435
22	KLRU-DT	AUSTIN TX	123.4	APP	BMPEDT	-20000501AIT
22	KLRU-DT	AUSTIN TX	123.2	PLN	DTVPLN	-DTVP0477
22	KLRU-DT	AUSTIN TX	123.7	CP	BPEDT	-19980528KE
26	KPXL	UVALDE TX	83.8	LIC	BLCT	-19990303KE
28	KORO	CORPUS CHRISTI TX	181.8	LIC	BLCT	-19871029KF
28	KORO	CORPUS CHRISTI TX	186.6	APP	BPCT	-20010209ABR
29	KRBC-DT	ABILENE TX	361.3	PLN	DTVPLN	-DTVP0723
29	KYLE-DT	BRYAN TX	235.8	CP	BPCDT	-19991018ABD
29	KYLE-DT	BRYAN TX	235.8	PLN	DTVPLN	-DTVP0724
30	KABB-DT	SAN ANTONIO TX	0.0	CP	BPCDT	-19991028AAR
30	KABB-DT	SAN ANTONIO TX	0.0	PLN	DTVPLN	-DTVP0758
31	960920YG	VICTORIA TX	139.3	APP	BPCT	-19960920YG
32	NEW	CONVERSE TX	31.5	ADD	BPRM	-19960725AAR
32	KRRT	KERRVILLE TX	69.9	APP	BPCDT	-19991029ACH
32	KRRT-DT	KERRVILLE TX	70.0	PLN	DTVPLN	-DTVP0833
33	KVUE-DT	AUSTIN TX	123.1	APP	BPCDT	-19991025ADW
33	KVUE-DT	AUSTIN TX	123.2	PLN	DTVPLN	-DTVP0865
36	KXAN-TV	AUSTIN TX	123.7	LIC	BLCT	-19971202KF
43	KEYE-DT	AUSTIN TX	123.1	CP	BPCDT	-19991101ABZ
43	KEYE-DT	AUSTIN TX	122.9	PLN	DTVPLN	-DTVP1180

Total scenarios = 5

Result key: 1  
 Scenario 1 Affected station 2  
 Before Analysis

Results for: 29N TX SAN ANTONIO		BLCT	19880210KF	LIC
	POPULATION	AREA (sq km)		
within Noise Limited Contour	1506919	24170.7		
not affected by terrain losses	1498026	23503.4		
lost to NTSC IX	4405	663.3		
lost to additional IX by ATV	100	28.0		
lost to all IX	4505	691.3		

Potential Interferring Stations Included in above Scenario 1

26N TX UVALDE BLCT 19990303KE LIC

36N TX AUSTIN	BLCT	19971202KF	LIC
29A TX ABILENE	DTVPLN	DTVP0723	PLN
30A TX SAN ANTONIO	BPCDT	19991028AAR	CP
32A TX KERRVILLE	DTVPLN	DTVP0833	PLN
33A TX AUSTIN	DTVPLN	DTVP0865	PLN

#### After Analysis

Results for: 29N TX SAN ANTONIO	BLCT	19880210KF	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1506919	24170.7	
not affected by terrain losses	1498026	23503.4	
lost to NTSC IX	4405	663.3	
lost to additional IX by ATV	100	28.0	
lost to all IX	4505	691.3	

Potential Interferring Stations Included in above Scenario 1

26N TX UVALDE	BLCT	19990303KE	LIC
36N TX AUSTIN	BLCT	19971202KF	LIC
29A TX ABILENE	DTVPLN	DTVP0723	PLN
30A TX SAN ANTONIO	BPCDT	19991028AAR	CP
32A TX KERRVILLE	DTVPLN	DTVP0833	PLN
33A TX AUSTIN	DTVPLN	DTVP0865	PLN
43A TX AUSTIN	BPCDT	19991101ABZ	CP

Result key: 2  
 Scenario 2 Affected station 2  
 Before Analysis

Results for: 29N TX SAN ANTONIO	BLCT	19880210KF	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1506919	24170.7	
not affected by terrain losses	1498026	23503.4	
lost to NTSC IX	4405	663.3	
lost to additional IX by ATV	102	44.0	
lost to all IX	4507	707.3	

Potential Interferring Stations Included in above Scenario 2

26N TX UVALDE	BLCT	19990303KE	LIC
36N TX AUSTIN	BLCT	19971202KF	LIC
21A TX AUSTIN	BPCDT	19991018AAR	APP
22A TX AUSTIN	BMPEDT	20000501AIT	APP
29A TX ABILENE	DTVPLN	DTVP0723	PLN
30A TX SAN ANTONIO	BPCDT	19991028AAR	CP
32A TX KERRVILLE	BPCDT	19991029ACH	APP
33A TX AUSTIN	BPCDT	19991025ADW	APP

#### After Analysis

Results for: 29N TX SAN ANTONIO	BLCT	19880210KF	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1506919	24170.7	
not affected by terrain losses	1498026	23503.4	
lost to NTSC IX	4405	663.3	
lost to additional IX by ATV	102	44.0	
lost to all IX	4507	707.3	

Potential Interferring Stations Included in above Scenario 2

26N TX UVALDE	BLCT	19990303KE	LIC
36N TX AUSTIN	BLCT	19971202KF	LIC

21A TX AUSTIN	BPCDT	19991018AAR	APP
22A TX AUSTIN	BMPEDT	20000501AIT	APP
29A TX ABILENE	DTVPLN	DTVP0723	PLN
30A TX SAN ANTONIO	BPCDT	19991028AAR	CP
32A TX KERRVILLE	BPCDT	19991029ACH	APP
33A TX AUSTIN	BPCDT	19991025ADW	APP
43A TX AUSTIN	BPCDT	19991101ABZ	CP

Result key: 3  
 Scenario 3 Affected station 2  
 Before Analysis

Results for: 29N TX SAN ANTONIO	BLCT	19880210KF	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1506919	24170.7	
not affected by terrain losses	1498026	23503.4	
lost to NTSC IX	4405	663.3	
lost to additional IX by ATV	102	40.0	
lost to all IX	4507	703.3	

Potential Interferring Stations Included in above Scenario 3

26N TX UVALDE	BLCT	19990303KE	LIC
36N TX AUSTIN	BLCT	19971202KF	LIC
21A TX AUSTIN	BPCDT	19991018AAR	APP
22A TX AUSTIN	BMPEDT	20000501AIT	APP
29A TX ABILENE	DTVPLN	DTVP0723	PLN
30A TX SAN ANTONIO	BPCDT	19991028AAR	CP
32A TX KERRVILLE	BPCDT	19991029ACH	APP
33A TX AUSTIN	DTVPLN	DTVP0865	PLN

After Analysis

Results for: 29N TX SAN ANTONIO	BLCT	19880210KF	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1506919	24170.7	
not affected by terrain losses	1498026	23503.4	
lost to NTSC IX	4405	663.3	
lost to additional IX by ATV	102	40.0	
lost to all IX	4507	703.3	

Potential Interferring Stations Included in above Scenario 3

26N TX UVALDE	BLCT	19990303KE	LIC
36N TX AUSTIN	BLCT	19971202KF	LIC
21A TX AUSTIN	BPCDT	19991018AAR	APP
22A TX AUSTIN	BMPEDT	20000501AIT	APP
29A TX ABILENE	DTVPLN	DTVP0723	PLN
30A TX SAN ANTONIO	BPCDT	19991028AAR	CP
32A TX KERRVILLE	BPCDT	19991029ACH	APP
33A TX AUSTIN	DTVPLN	DTVP0865	PLN
43A TX AUSTIN	BPCDT	19991101ABZ	CP

Result key: 4  
 Scenario 4 Affected station 2  
 Before Analysis

Results for: 29N TX SAN ANTONIO	BLCT	19880210KF	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1506919	24170.7	
not affected by terrain losses	1498026	23503.4	
lost to NTSC IX	4405	663.3	
lost to additional IX by ATV	100	32.0	



lost to all IX 4505 695.3

Potential Interferring Stations Included in above Scenario 4

26N TX UVALDE	BLCT	19990303KE	LIC
36N TX AUSTIN	BLCT	19971202KF	LIC
21A TX AUSTIN	BPCDT	19991018AAR	APP
22A TX AUSTIN	BMPEDT	20000501AIT	APP
29A TX ABILENE	DTVPLN	DTVP0723	PLN
30A TX SAN ANTONIO	BPCDT	19991028AAR	CP
32A TX KERRVILLE	DTVPLN	DTVP0833	PLN
33A TX AUSTIN	BPCDT	19991025ADW	APP

After Analysis

Results for: 29N TX SAN ANTONIO	BLCT	19880210KF	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1506919	24170.7	
not affected by terrain losses	1498026	23503.4	
lost to NTSC IX	4405	663.3	
lost to additional IX by ATV	100	32.0	
lost to all IX	4505	695.3	

Potential Interferring Stations Included in above Scenario 4

26N TX UVALDE	BLCT	19990303KE	LIC
36N TX AUSTIN	BLCT	19971202KF	LIC
21A TX AUSTIN	BPCDT	19991018AAR	APP
22A TX AUSTIN	BMPEDT	20000501AIT	APP
29A TX ABILENE	DTVPLN	DTVP0723	PLN
30A TX SAN ANTONIO	BPCDT	19991028AAR	CP
32A TX KERRVILLE	DTVPLN	DTVP0833	PLN
33A TX AUSTIN	BPCDT	19991025ADW	APP
43A TX AUSTIN	BPCDT	19991101ABZ	CP

Result key: 5  
Scenario 5 Affected station 2  
Before Analysis

Results for: 29N TX SAN ANTONIO	BLCT	19880210KF	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1506919	24170.7	
not affected by terrain losses	1498026	23503.4	
lost to NTSC IX	4405	663.3	
lost to additional IX by ATV	100	28.0	
lost to all IX	4505	691.3	

Potential Interferring Stations Included in above Scenario 5

26N TX UVALDE	BLCT	19990303KE	LIC
36N TX AUSTIN	BLCT	19971202KF	LIC
21A TX AUSTIN	BPCDT	19991018AAR	APP
22A TX AUSTIN	BMPEDT	20000501AIT	APP
29A TX ABILENE	DTVPLN	DTVP0723	PLN
30A TX SAN ANTONIO	BPCDT	19991028AAR	CP
32A TX KERRVILLE	DTVPLN	DTVP0833	PLN
33A TX AUSTIN	DTVPLN	DTVP0865	PLN

After Analysis

Results for: 29N TX SAN ANTONIO	BLCT	19880210KF	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1506919	24170.7	

not affected by terrain losses	1498026	23503.4
lost to NTSC IX	4405	663.3
lost to additional IX by ATV	100	28.0
lost to all IX	4505	691.3

Potential Interferring Stations Included in above Scenario 5

26N TX UVALDE	BLCT	19990303KE	LIC
36N TX AUSTIN	BLCT	19971202KF	LIC
21A TX AUSTIN	BPCDT	19991018AAR	APP
22A TX AUSTIN	BMPEDT	20000501AIT	APP
29A TX ABILENE	DTVPLN	DTVP0723	PLN
30A TX SAN ANTONIO	BPCDT	19991028AAR	CP
32A TX KERRVILLE	DTVPLN	DTVP0833	PLN
33A TX AUSTIN	DTVPLN	DTVP0865	PLN
43A TX AUSTIN	BPCDT	19991101ABZ	CP

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Analysis of Interference to Affected Station 3

#### NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
35	KRRT	KERRVILLE TX	DTVPLN	-NPLN1580

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
27	KXAM-DT	LLANO TX	122.6	PLN	DTVPLN	-DTVP0653
32	KRRT-DT	KERRVILLE TX	0.0	PLN	DTVPLN	-DTVP0833
33	KVUE-DT	AUSTIN TX	131.5	PLN	DTVPLN	-DTVP0865
35	KDFW-DT	DALLAS TX	377.5	PLN	DTVPLN	-DTVP0938
35	KPRC-DT	HOUSTON TX	328.1	PLN	DTVPLN	-DTVP0939
38	KVDA-DT	SAN ANTONIO TX	70.8	PLN	DTVPLN	-DTVP1014
39	KWEX-DT	SAN ANTONIO TX	70.8	PLN	DTVPLN	-DTVP1049
43	KEYE-DT	AUSTIN TX	131.4	PLN	DTVPLN	-DTVP1180
49	KNVA-DT	AUSTIN TX	132.0	PLN	DTVPLN	-DTVP1363
36	KXANTV	AUSTIN TX	132.0	PLN	DTVPLN	-NPLN1472
42	KEYETV	AUSTIN TX	131.4	PLN	DTVPLN	-NPLN1477

Results for: 35N TX KERRVILLE DTVPLN NPLN1580 PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	1423369	24112.8
not affected by terrain losses	1411610	22788.9
lost to NTSC IX	181	87.7
lost to additional IX by ATV	20419	386.8
lost to all IX	20600	474.5

#### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
35	KRRT	KERRVILLE TX	BLCT	-19851120KE

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
27	KXAM-DT	LLANO TX	122.6	APP	BPCDT	-19991018AAV
27	KXAM-DT	LLANO TX	122.6	PLN	DTVPLN	-DTVP0653
32	NEW	CONVERSE TX	55.0	ADD	BPRM	-19960725AAR
32	KRRT	KERRVILLE TX	0.1	APP	BPCDT	-19991029ACH
32	KRRT-DT	KERRVILLE TX	0.0	PLN	DTVPLN	-DTVP0833
33	KVUE-DT	AUSTIN TX	131.4	APP	BPCDT	-19991025ADW

33	KVUE-DT	AUSTIN TX	131.5	PLN	DTVPLN	-DTVP0865
35	KDFW-DT	DALLAS TX	377.5	CP	BPCDT	-19990501ABN
35	KDFW-DT	DALLAS TX	377.5	PLN	DTVPLN	-DTVP0938
35	KPRC-DT	HOUSTON TX	328.1	PLN	DTVPLN	-DTVP0939
36	KXAN-TV	AUSTIN TX	132.0	LIC	BLCT	-19971202KF
38	KVDA	SAN ANTONIO TX	70.7	APP	BPCDT	-19991028ACQ
38	KVDA-DT	SAN ANTONIO TX	70.8	PLN	DTVPLN	-DTVP1014
39	KWEX-DT	SAN ANTONIO TX	70.8	CP	BPCDT	-19991022ABT
39	KWEX-DT	SAN ANTONIO TX	70.8	PLN	DTVPLN	-DTVP1049
39	KWEX-DT	SAN ANTONIO TX	70.8	APP	BMPCDT	-20010619AAE
42	KEYE-TV	AUSTIN TX	131.4	CP	BPCT	-19961211KG
43	KEYE-DT	AUSTIN TX	131.4	CP	BPCDT	-19991101ABZ
43	KEYE-DT	AUSTIN TX	131.4	PLN	DTVPLN	-DTVP1180
49	KNVA-DT	AUSTIN TX	132.0	PLN	DTVPLN	-DTVP1363
49	KNVA-DT	AUSTIN TX	132.0	CP	BPCDT	-19991025ADB

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.
36	KXANTV	AUSTIN TX	DTVPLN	-NPLN1472

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
29	KYLE-DT	BRYAN TX	137.5	PLN	DTVPLN	-DTVP0724
32	KRRT-DT	KERRVILLE TX	132.0	PLN	DTVPLN	-DTVP0833
33	KVUE-DT	AUSTIN TX	0.5	PLN	DTVPLN	-DTVP0865
36	KHSH-DT	ALVIN TX	237.0	PLN	DTVPLN	-DTVP0977
36	KDFI-DT	DALLAS TX	263.6	PLN	DTVPLN	-DTVP0978
38	KVDA-DT	SAN ANTONIO TX	122.9	PLN	DTVPLN	-DTVP1014
39	KWEX-DT	SAN ANTONIO TX	122.9	PLN	DTVPLN	-DTVP1049
43	KEYE-DT	AUSTIN TX	0.7	PLN	DTVPLN	-DTVP1180
50	KCEN-DT	TEMPLE TX	118.9	PLN	DTVPLN	-DTVP1394
28	KYLE	BRYAN TX	137.5	PLN	DTVPLN	-NPLN1464
29	KABB	SAN ANTONIO TX	123.7	PLN	DTVPLN	-NPLN1573
35	KRRT	KERRVILLE TX	132.0	PLN	DTVPLN	-NPLN1580
44	KWKT	WACO TX	118.8	PLN	DTVPLN	-NPLN1588

Results for: 36N TX AUSTIN	DTVPLN	NPLN1472	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1106237	25994.6	
not affected by terrain losses	1093043	24995.6	
lost to NTSC IX	48899	1019.1	
lost to additional IX by ATV	104	36.1	
lost to all IX	49003	1055.2	

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
36	KXAN-TV	AUSTIN TX	BLCT	-19971202KF

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
28	KYLE	BRYAN TX	137.5	LIC	BLCT	-19970219KG
29	KYLE-DT	BRYAN TX	137.5	CP	BPCDT	-19991018ABD
29	KYLE-DT	BRYAN TX	137.5	PLN	DTVPLN	-DTVP0724
29	KABB	SAN ANTONIO TX	123.7	LIC	BLCT	-19880210KF

32	KRRT	KERRVILLE TX	131.9	APP	BPCDT	-19991029ACH
32	KRRT-DT	KERRVILLE TX	132.0	PLN	DTVPLN	-DTVP0833
33	KVUE-DT	AUSTIN TX	0.6	APP	BPCDT	-19991025ADW
33	KVUE-DT	AUSTIN TX	0.5	PLN	DTVPLN	-DTVP0865
34	KCTF	WACO TX	118.9	CP	BPET	-19990216KF
35	KRRT	KERRVILLE TX	132.0	LIC	BLCT	-19851120KE
36	KHSH-DT	ALVIN TX	235.9	CP	BPCDT	-19991027ACC
36	KHSH-DT	ALVIN TX	237.0	PLN	DTVPLN	-DTVP0977
36	KDFI-DT	DALLAS TX	263.6	PLN	DTVPLN	-DTVP0978
36	KDFI-DT	DALLAS TX	259.0	CP	BPCDT	-19991101AEK
38	KNCT-TV	BELTON TX	75.1	APP	BPRM	-20020426ABI
38	KVDA	SAN ANTONIO TX	122.9	APP	BPCDT	-19991028ACQ
38	KVDA-DT	SAN ANTONIO TX	122.9	PLN	DTVPLN	-DTVP1014
39	KWEX-DT	SAN ANTONIO TX	122.9	CP	BPCDT	-19991022ABT
39	KWEX-DT	SAN ANTONIO TX	122.9	PLN	DTVPLN	-DTVP1049
39	KWEX-DT	SAN ANTONIO TX	122.9	APP	BMPCDT	-20010619AAE
43	KEYE-DT	AUSTIN TX	0.6	CP	BPCDT	-19991101ABZ
43	KEYE-DT	AUSTIN TX	0.7	PLN	DTVPLN	-DTVP1180
44	KWKT	WACO TX	118.8	LIC	BLCT	-19880322KI
50	KCEN-DT	TEMPLE TX	118.9	PLN	DTVPLN	-DTVP1394

Proposal causes no interference

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# Analysis of Interference to Affected Station    5

## NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
41	KWEXTV	SAN ANTONIO TX	DTVPLN	-NPLN1584

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
33	KVUE-DT	AUSTIN TX	122.4	PLN	DTVPLN	-DTVP0865
34	KVCT-DT	VICTORIA TX	138.6	PLN	DTVPLN	-DTVP0904
38	KVDA-DT	SAN ANTONIO TX	0.0	PLN	DTVPLN	-DTVP1014
39	KWEX-DT	SAN ANTONIO TX	0.0	PLN	DTVPLN	-DTVP1049
41	KVVV-DT	BAYTOWN TX	292.9	PLN	DTVPLN	-DTVP1113
41	KXAS-DT	FORT WORTH TX	386.2	PLN	DTVPLN	-DTVP1114
43	KEYE-DT	AUSTIN TX	122.2	PLN	DTVPLN	-DTVP1180
48	KSAT-DT	SAN ANTONIO TX	2.7	PLN	DTVPLN	-DTVP1335
49	KNVA-DT	AUSTIN TX	122.9	PLN	DTVPLN	-DTVP1363
55	KENS-DT	SAN ANTONIO TX	2.9	PLN	DTVPLN	-DTVP1504
56	KTBC-DT	AUSTIN TX	121.5	PLN	DTVPLN	-DTVP1522
42	KEYETV	AUSTIN TX	122.2	PLN	DTVPLN	-NPLN1477

Results for: 41N TX SAN ANTONIO	DTVPLN	NPLN1584	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1493319	22981.5	
not affected by terrain losses	1485990	22430.0	
lost to NTSC IX	19631	339.7	
lost to additional IX by ATV	530	8.0	
lost to all IX	20161	347.7	

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
41	KWEX-TV	SAN ANTONIO TX	BLCT	-19970331SG

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
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33	KVUE-DT	AUSTIN TX	122.4	APP	BPCDT	-19991025ADW
33	KVUE-DT	AUSTIN TX	122.4	PLN	DTVPLN	-DTVP0865
34	KVCT-DT	VICTORIA TX	138.6	PLN	DTVPLN	-DTVP0904
34	KVCT-DT	VICTORIA TX	138.4	CP	BPCDT	-19991027ACU
38	KVDA	SAN ANTONIO TX	0.0	APP	BPCDT	-19991028ACQ
38	KVDA-DT	SAN ANTONIO TX	0.0	PLN	DTVPLN	-DTVP1014
39	KWEX-DT	SAN ANTONIO TX	0.0	CP	BPCDT	-19991022ABT
39	KWEX-DT	SAN ANTONIO TX	0.0	PLN	DTVPLN	-DTVP1049
39	KWEX-DT	SAN ANTONIO TX	0.0	APP	BMPCDT	-20010619AAE
41	KAZH	BAYTOWN TX	267.8	CP	BPCDT	-19991101ADZ
41	KVVV-DT	BAYTOWN TX	292.9	PLN	DTVPLN	-DTVP1113
41	KXAS-DT	FORT WORTH TX	386.2	PLN	DTVPLN	-DTVP1114
42	KEYE-TV	AUSTIN TX	122.2	CP	BPCT	-19961211KG
43	KEYE-DT	AUSTIN TX	122.4	CP	BPCDT	-19991101ABZ
43	KEYE-DT	AUSTIN TX	122.2	PLN	DTVPLN	-DTVP1180
48	KSAT-DT	SAN ANTONIO TX	2.7	PLN	DTVPLN	-DTVP1335
49	KNVA-DT	AUSTIN TX	122.9	PLN	DTVPLN	-DTVP1363
49	KNVA-DT	AUSTIN TX	122.9	CP	BPCDT	-19991025ADB
55	KENS-DT	SAN ANTONIO TX	2.9	PLN	DTVPLN	-DTVP1504
56	KTBC-DT	AUSTIN TX	121.5	PLN	DTVPLN	-DTVP1522

Proposal causes no interference

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## Analysis of Interference to Affected Station 6

### NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
42	KEYETV	AUSTIN TX	DTVPLN	-NPLN1477

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
38	KVDA-DT	SAN ANTONIO TX	122.2	PLN	DTVPLN	-DTVP1014
39	KWEX-DT	SAN ANTONIO TX	122.2	PLN	DTVPLN	-DTVP1049
42	KINZ-DT	ARLINGTON TX	264.3	PLN	DTVPLN	-DTVP1148
42	KHIM-DT	CONROE TX	257.3	PLN	DTVPLN	-DTVP1149
43	KEYE-DT	AUSTIN TX	0.0	PLN	DTVPLN	-DTVP1180
49	KNVA-DT	AUSTIN TX	0.7	PLN	DTVPLN	-DTVP1363
50	KCEN-DT	TEMPLE TX	119.7	PLN	DTVPLN	-DTVP1394
56	KTBC-DT	AUSTIN TX	1.4	PLN	DTVPLN	-DTVP1522
57	KWKT-DT	WACO TX	119.5	PLN	DTVPLN	-DTVP1543
46	KNCT	BELTON TX	76.0	PLN	DTVPLN	-NPLN1479
35	KRRT	KERRVILLE TX	131.4	PLN	DTVPLN	-NPLN1580
41	KWEXTV	SAN ANTONIO TX	122.2	PLN	DTVPLN	-NPLN1584
44	KWKT	WACO TX	119.5	PLN	DTVPLN	-NPLN1588

Results for: 42N TX AUSTIN	DTVPLN	NPLN1477	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	915976	18165.6	
not affected by terrain losses	905291	17571.9	
lost to NTSC IX	27492	1067.1	
lost to additional IX by ATV	237	120.4	
lost to all IX	27729	1187.5	

### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
42	KEYE-TV	AUSTIN TX	BLCT	-19831216KH

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
34	KCTF	WACO TX	119.6	CP	BPET	-19990216KF
35	KRRT	KERRVILLE TX	131.4	LIC	BLCT	-19851120KE
38	KNCT-TV	BELTON TX	75.8	APP	BPRM	-20020426ABI
38	KVDA	SAN ANTONIO TX	122.2	APP	BPCDT	-19991028ACQ
38	KVDA-DT	SAN ANTONIO TX	122.2	PLN	DTVPLN	-DTVP1014
39	KWEX-DT	SAN ANTONIO TX	122.2	CP	BPCDT	-19991022ABT
39	KWEX-DT	SAN ANTONIO TX	122.2	PLN	DTVPLN	-DTVP1049
39	KWEX-DT	SAN ANTONIO TX	122.2	APP	BMPCDT	-20010619AAE
41	KWEX-TV	SAN ANTONIO TX	122.2	LIC	BLCT	-19970331SG
42	KPXD	ARLINGTON TX	264.3	APP	BPCT	-20020131ABM
42	KINZ-DT	ARLINGTON TX	264.3	PLN	DTVPLN	-DTVP1148
42	KPXD-DT	ARLINGTON TX	264.3	CP	BPCDT	-19990914AAD
42	KTBU	CONROE TX	236.2	CP MOD	BMPCDT	-20010910AAF
42	KHIM-DT	CONROE TX	257.3	PLN	DTVPLN	-DTVP1149
42	KTBU-DT	CONROE TX	236.2	APP	BMPCDT	-20020424ABA
43	KEYE-DT	AUSTIN TX	0.3	CP	BPCDT	-19991101ABZ
43	KEYE-DT	AUSTIN TX	0.0	PLN	DTVPLN	-DTVP1180
44	KWKT	WACO TX	119.5	LIC	BLCT	-19880322KI
46	KNCT	BELTON TX	76.0	LIC	BLCT	-2369
49	KNVA-DT	AUSTIN TX	0.7	PLN	DTVPLN	-DTVP1363
49	KNVA-DT	AUSTIN TX	0.7	CP	BPCDT	-19991025ADB
50	KCEN-DT	TEMPLE TX	119.7	PLN	DTVPLN	-DTVP1394
56	KTBC-DT	AUSTIN TX	1.4	PLN	DTVPLN	-DTVP1522
57	KWKT	WACO TX	119.5	CP	BPCDT	-19991029AHF
57	KWKT-DT	WACO TX	119.5	PLN	DTVPLN	-DTVP1543

Total scenarios = 5

Result key: 6  
Scenario 1 Affected station 6  
Before Analysis

Results for: 42N TX AUSTIN	BLCT	19831216KH	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	915976	18165.6	
not affected by terrain losses	905291	17571.9	
lost to NTSC IX	27492	1067.1	
lost to additional IX by ATV	3544	1011.0	
lost to all IX	31036	2078.1	

Potential Interferring Stations Included in above Scenario 1

41N TX SAN ANTONIO	BLCT	19970331SG	LIC
46N TX BELTON	BLCT	2369	LIC
42A TX ARLINGTON	BPCDT	19990914AAD	CP
42A TX CONROE	BMPCDT	20010910AAF	CP

After Analysis

Results for: 42N TX AUSTIN	BLCT	19831216KH	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	915976	18165.6	
not affected by terrain losses	905291	17571.9	
lost to NTSC IX	27492	1067.1	
lost to additional IX by ATV	3955	1083.2	
lost to all IX	31447	2150.3	

Potential Interferring Stations Included in above Scenario 1

41N TX SAN ANTONIO	BLCT	19970331SG	LIC
46N TX BELTON	BLCT	2369	LIC

42A TX ARLINGTON	BPCDT	19990914AAD	CP
42A TX CONROE	BMPCDT	20010910AAF	CP
43A TX AUSTIN	BPCDT	19991101ABZ	CP

Result key: 7  
Scenario 2 Affected station 6  
Before Analysis

Results for: 42N TX AUSTIN	BLCT	19831216KH	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	915976	18165.6	
not affected by terrain losses	905291	17571.9	
lost to NTSC IX	27492	1067.1	
lost to additional IX by ATV	237	128.4	
lost to all IX	27729	1195.5	

Potential Interferring Stations Included in above Scenario 2

41N TX SAN ANTONIO	BLCT	19970331SG	LIC
46N TX BELTON	BLCT	2369	LIC
42A TX ARLINGTON	BPCDT	19990914AAD	CP
42A TX CONROE	DTVPLN	DTVP1149	PLN

After Analysis

Results for: 42N TX AUSTIN	BLCT	19831216KH	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	915976	18165.6	
not affected by terrain losses	905291	17571.9	
lost to NTSC IX	27492	1067.1	
lost to additional IX by ATV	693	232.7	
lost to all IX	28185	1299.8	

Potential Interferring Stations Included in above Scenario 2

41N TX SAN ANTONIO	BLCT	19970331SG	LIC
46N TX BELTON	BLCT	2369	LIC
42A TX ARLINGTON	BPCDT	19990914AAD	CP
42A TX CONROE	DTVPLN	DTVP1149	PLN
43A TX AUSTIN	BPCDT	19991101ABZ	CP

Result key: 8  
Scenario 3 Affected station 6  
Before Analysis

Results for: 42N TX AUSTIN	BLCT	19831216KH	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	915976	18165.6	
not affected by terrain losses	905291	17571.9	
lost to NTSC IX	27519	1075.2	
lost to additional IX by ATV	3517	1003.0	
lost to all IX	31036	2078.1	

Potential Interferring Stations Included in above Scenario 3

41N TX SAN ANTONIO	BLCT	19970331SG	LIC
42N TX ARLINGTON	BPCT	20020131ABM	APP
46N TX BELTON	BLCT	2369	LIC
42A TX ARLINGTON	BPCDT	19990914AAD	CP
42A TX CONROE	BMPCDT	20010910AAF	CP

After Analysis

Results for: 42N TX AUSTIN	BLCT	19831216KH	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	915976	18165.6	
not affected by terrain losses	905291	17571.9	
lost to NTSC IX	27519	1075.2	
lost to additional IX by ATV	3928	1075.2	
lost to all IX	31447	2150.3	

Potential Interferring Stations Included in above Scenario 3

41N TX SAN ANTONIO	BLCT	19970331SG	LIC
42N TX ARLINGTON	BPCT	20020131ABM	APP
46N TX BELTON	BLCT	2369	LIC
42A TX ARLINGTON	BPCDT	19990914AAD	CP
42A TX CONROE	BMPCDT	20010910AAF	CP
43A TX AUSTIN	BPCDT	19991101ABZ	CP

Result key: 9  
Scenario 4 Affected station 6  
Before Analysis

Results for: 42N TX AUSTIN	BLCT	19831216KH	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	915976	18165.6	
not affected by terrain losses	905291	17571.9	
lost to NTSC IX	27519	1075.2	
lost to additional IX by ATV	210	120.4	
lost to all IX	27729	1195.5	

Potential Interferring Stations Included in above Scenario 4

41N TX SAN ANTONIO	BLCT	19970331SG	LIC
42N TX ARLINGTON	BPCT	20020131ABM	APP
46N TX BELTON	BLCT	2369	LIC
42A TX ARLINGTON	BPCDT	19990914AAD	CP
42A TX CONROE	DTVPLN	DTVP1149	PLN

After Analysis

Results for: 42N TX AUSTIN	BLCT	19831216KH	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	915976	18165.6	
not affected by terrain losses	905291	17571.9	
lost to NTSC IX	27519	1075.2	
lost to additional IX by ATV	666	224.7	
lost to all IX	28185	1299.8	

Potential Interferring Stations Included in above Scenario 4

41N TX SAN ANTONIO	BLCT	19970331SG	LIC
42N TX ARLINGTON	BPCT	20020131ABM	APP
46N TX BELTON	BLCT	2369	LIC
42A TX ARLINGTON	BPCDT	19990914AAD	CP
42A TX CONROE	DTVPLN	DTVP1149	PLN
43A TX AUSTIN	BPCDT	19991101ABZ	CP

Result key: 10  
Scenario 5 Affected station 6  
Before Analysis

Results for: 42N TX AUSTIN	BLCT	19831216KH	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	915976	18165.6	



not affected by terrain losses	905291	17571.9
lost to NTSC IX	27519	1075.2
lost to additional IX by ATV	3606	1019.0
lost to all IX	31125	2094.2

Potential Interferring Stations Included in above Scenario 5

41N TX SAN ANTONIO	BLCT	19970331SG	LIC
42N TX ARLINGTON	BPCT	20020131ABM	APP
46N TX BELTON	BLCT	2369	LIC
42A TX ARLINGTON	BPCDT	19990914AAD	CP
42A TX CONROE	BMPCDT	20020424ABA	APP

#### After Analysis

Results for: 42N TX AUSTIN	BLCT	19831216KH	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	915976	18165.6	
not affected by terrain losses	905291	17571.9	
lost to NTSC IX	27519	1075.2	
lost to additional IX by ATV	4017	1091.2	
lost to all IX	31536	2166.4	

Potential Interferring Stations Included in above Scenario 5

41N TX SAN ANTONIO	BLCT	19970331SG	LIC
42N TX ARLINGTON	BPCT	20020131ABM	APP
46N TX BELTON	BLCT	2369	LIC
42A TX ARLINGTON	BPCDT	19990914AAD	CP
42A TX CONROE	BMPCDT	20020424ABA	APP
43A TX AUSTIN	BPCDT	19991101ABZ	CP

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#### Analysis of Interference to Affected Station 7

#### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
42	KEYE-TV	AUSTIN TX	BPCT	-19961211KG

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
34	KCTF	WACO TX	119.6	CP	BPET	-19990216KF
35	KRRT	KERRVILLE TX	131.4	LIC	BLCT	-19851120KE
38	KNCT-TV	BELTON TX	75.8	APP	BPRM	-20020426ABI
38	KVDA	SAN ANTONIO TX	122.2	APP	BPCDT	-19991028ACQ
38	KVDA-DT	SAN ANTONIO TX	122.2	PLN	DTVPLN	-DTVP1014
39	KWEX-DT	SAN ANTONIO TX	122.2	CP	BPCDT	-19991022ABT
39	KWEX-DT	SAN ANTONIO TX	122.2	PLN	DTVPLN	-DTVP1049
39	KWEX-DT	SAN ANTONIO TX	122.2	APP	BMPCDT	-20010619AAE
41	KWEX-TV	SAN ANTONIO TX	122.2	LIC	BLCT	-19970331SG
42	KPXD	ARLINGTON TX	264.3	APP	BPCT	-20020131ABM
42	KINZ-DT	ARLINGTON TX	264.3	PLN	DTVPLN	-DTVP1148
42	KPXD-DT	ARLINGTON TX	264.3	CP	BPCDT	-19990914AAD
42	KTBU	CONROE TX	236.2	CP MOD	BMPCDT	-20010910AAF
42	KHIM-DT	CONROE TX	257.3	PLN	DTVPLN	-DTVP1149
42	KTBU-DT	CONROE TX	236.2	APP	BMPCDT	-20020424ABA
43	KEYE-DT	AUSTIN TX	0.3	CP	BPCDT	-19991101ABZ
43	KEYE-DT	AUSTIN TX	0.0	PLN	DTVPLN	-DTVP1180
44	KWKT	WACO TX	119.5	LIC	BLCT	-19880322KI

46	KNCT	BELTON TX	76.0	LIC	BLCT	-2369
49	KNVA-DT	AUSTIN TX	0.7	PLN	DTVPLN	-DTVP1363
49	KNVA-DT	AUSTIN TX	0.7	CP	BPCDT	-19991025ADB
50	KCEN-DT	TEMPLE TX	119.7	PLN	DTVPLN	-DTVP1394
56	KTBC-DT	AUSTIN TX	1.4	PLN	DTVPLN	-DTVP1522
57	KWKT	WACO TX	119.5	CP	BPCDT	-19991029AHF
57	KWKT-DT	WACO TX	119.5	PLN	DTVPLN	-DTVP1543

Total scenarios = 5

Result key: 11

Scenario 1 Affected station 7

Before Analysis

Results for: 42N TX AUSTIN	BPCT	19961211KG	CP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	960994	21198.6	
not affected by terrain losses	955517	20536.7	
lost to NTSC IX	53611	1512.5	
lost to additional IX by ATV	8654	1348.0	
lost to all IX	62265	2860.5	

Potential Interferring Stations Included in above Scenario 1

35N TX KERRVILLE	BLCT	19851120KE	LIC
41N TX SAN ANTONIO	BLCT	19970331SG	LIC
46N TX BELTON	BLCT	2369	LIC
42A TX ARLINGTON	BPCDT	19990914AAD	CP
42A TX CONROE	BMPCDT	20010910AAF	CP

After Analysis

Results for: 42N TX AUSTIN	BPCT	19961211KG	CP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	960994	21198.6	
not affected by terrain losses	955517	20536.7	
lost to NTSC IX	53611	1512.5	
lost to additional IX by ATV	8847	1380.1	
lost to all IX	62458	2892.5	

Potential Interferring Stations Included in above Scenario 1

35N TX KERRVILLE	BLCT	19851120KE	LIC
41N TX SAN ANTONIO	BLCT	19970331SG	LIC
46N TX BELTON	BLCT	2369	LIC
42A TX ARLINGTON	BPCDT	19990914AAD	CP
42A TX CONROE	BMPCDT	20010910AAF	CP
43A TX AUSTIN	BPCDT	19991101ABZ	CP

Result key: 12

Scenario 2 Affected station 7

Before Analysis

Results for: 42N TX AUSTIN	BPCT	19961211KG	CP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	960994	21198.6	
not affected by terrain losses	955517	20536.7	
lost to NTSC IX	53611	1512.5	
lost to additional IX by ATV	1463	220.7	
lost to all IX	55074	1733.1	

Potential Interferring Stations Included in above Scenario 2

35N TX KERRVILLE	BLCT	19851120KE	LIC
41N TX SAN ANTONIO	BLCT	19970331SG	LIC
46N TX BELTON	BLCT	2369	LIC
42A TX ARLINGTON	BPCDT	19990914AAD	CP
42A TX CONROE	DTVPLN	DTVP1149	PLN

#### After Analysis

Results for: 42N TX AUSTIN	BPCT	19961211KG	CP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	960994	21198.6	
not affected by terrain losses	955517	20536.7	
lost to NTSC IX	53611	1512.5	
lost to additional IX by ATV	1656	252.7	
lost to all IX	55267	1765.2	

Potential Interferring Stations Included in above Scenario 2

35N TX KERRVILLE	BLCT	19851120KE	LIC
41N TX SAN ANTONIO	BLCT	19970331SG	LIC
46N TX BELTON	BLCT	2369	LIC
42A TX ARLINGTON	BPCDT	19990914AAD	CP
42A TX CONROE	DTVPLN	DTVP1149	PLN
43A TX AUSTIN	BPCDT	19991101ABZ	CP

Result key: 13  
 Scenario 3 Affected station 7  
 Before Analysis

Results for: 42N TX AUSTIN	BPCT	19961211KG	CP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	960994	21198.6	
not affected by terrain losses	955517	20536.7	
lost to NTSC IX	53611	1524.5	
lost to additional IX by ATV	8654	1335.9	
lost to all IX	62265	2860.5	

Potential Interferring Stations Included in above Scenario 3

35N TX KERRVILLE	BLCT	19851120KE	LIC
41N TX SAN ANTONIO	BLCT	19970331SG	LIC
42N TX ARLINGTON	BPCT	20020131ABM	APP
46N TX BELTON	BLCT	2369	LIC
42A TX ARLINGTON	BPCDT	19990914AAD	CP
42A TX CONROE	BMPCDT	20010910AAF	CP

#### After Analysis

Results for: 42N TX AUSTIN	BPCT	19961211KG	CP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	960994	21198.6	
not affected by terrain losses	955517	20536.7	
lost to NTSC IX	53611	1524.5	
lost to additional IX by ATV	8847	1368.0	
lost to all IX	62458	2892.5	

Potential Interferring Stations Included in above Scenario 3

35N TX KERRVILLE	BLCT	19851120KE	LIC
41N TX SAN ANTONIO	BLCT	19970331SG	LIC
42N TX ARLINGTON	BPCT	20020131ABM	APP
46N TX BELTON	BLCT	2369	LIC

42A TX ARLINGTON	BPCDT	19990914AAD	CP
42A TX CONROE	BMPCDT	20010910AAF	CP
43A TX AUSTIN	BPCDT	19991101ABZ	CP

Result key: 14  
Scenario 4 Affected station 7  
Before Analysis

Results for: 42N TX AUSTIN	BPCT	19961211KG	CP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	960994	21198.6	
not affected by terrain losses	955517	20536.7	
lost to NTSC IX	53611	1524.5	
lost to additional IX by ATV	1463	208.6	
lost to all IX	55074	1733.1	

Potential Interferring Stations Included in above Scenario 4

35N TX KERRVILLE	BLCT	19851120KE	LIC
41N TX SAN ANTONIO	BLCT	19970331SG	LIC
42N TX ARLINGTON	BPCT	20020131ABM	APP
46N TX BELTON	BLCT	2369	LIC
42A TX ARLINGTON	BPCDT	19990914AAD	CP
42A TX CONROE	DTVPLN	DTVP1149	PLN

After Analysis

Results for: 42N TX AUSTIN	BPCT	19961211KG	CP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	960994	21198.6	
not affected by terrain losses	955517	20536.7	
lost to NTSC IX	53611	1524.5	
lost to additional IX by ATV	1656	240.7	
lost to all IX	55267	1765.2	

Potential Interferring Stations Included in above Scenario 4

35N TX KERRVILLE	BLCT	19851120KE	LIC
41N TX SAN ANTONIO	BLCT	19970331SG	LIC
42N TX ARLINGTON	BPCT	20020131ABM	APP
46N TX BELTON	BLCT	2369	LIC
42A TX ARLINGTON	BPCDT	19990914AAD	CP
42A TX CONROE	DTVPLN	DTVP1149	PLN
43A TX AUSTIN	BPCDT	19991101ABZ	CP

Result key: 15  
Scenario 5 Affected station 7  
Before Analysis

Results for: 42N TX AUSTIN	BPCT	19961211KG	CP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	960994	21198.6	
not affected by terrain losses	955517	20536.7	
lost to NTSC IX	53611	1524.5	
lost to additional IX by ATV	10294	1384.1	
lost to all IX	63905	2908.6	

Potential Interferring Stations Included in above Scenario 5

35N TX KERRVILLE	BLCT	19851120KE	LIC
41N TX SAN ANTONIO	BLCT	19970331SG	LIC
42N TX ARLINGTON	BPCT	20020131ABM	APP
46N TX BELTON	BLCT	2369	LIC

42A TX ARLINGTON	BPCDT	19990914AAD	CP
42A TX CONROE	BMPCDT	20020424ABA	APP

# After Analysis

Results for: 42N TX AUSTIN	BPCT	19961211KG	CP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	960994	21198.6	
not affected by terrain losses	955517	20536.7	
lost to NTSC IX	53611	1524.5	
lost to additional IX by ATV	10487	1416.2	
lost to all IX	64098	2940.7	

Potential Interferring Stations Included in above Scenario 5

35N TX KERRVILLE	BLCT	19851120KE	LIC
41N TX SAN ANTONIO	BLCT	19970331SG	LIC
42N TX ARLINGTON	BPCT	20020131ABM	APP
46N TX BELTON	BLCT	2369	LIC
42A TX ARLINGTON	BPCDT	19990914AAD	CP
42A TX CONROE	BMPCDT	20020424ABA	APP
43A TX AUSTIN	BPCDT	19991101ABZ	CP

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## Analysis of Interference to Affected Station 8

### DTV Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
43	KDTN-DT	DENTON TX	DTVPLN	-DTVP1181

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
42	KINZ-DT	ARLINGTON TX	0.3	PLN	DTVPLN	-DTVP1148
43	KEYE-DT	AUSTIN TX	264.4	PLN	DTVPLN	-DTVP1180
43	KTRE-DT	LUFKIN TX	242.3	PLN	DTVPLN	-DTVP1183
43	KTLC	OKLAHOMA CITY OK	336.8	PLN	DTVPLN	-NPLN1285
44	KWKT	WACO TX	145.7	PLN	DTVPLN	-NPLN1588

Results for: 43A TX DENTON	DTVPLN	DTVP1181	PLN
HAAT 412.0 m, ATV ERP 1000.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	4220376	39692.5	
not affected by terrain losses	4216425	39142.0	
lost to NTSC IX	2579	144.7	
lost to additional IX by ATV	0	12.1	
lost to ATV IX only	78	20.1	
lost to all IX	2579	156.7	

### NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
02	KDTN	DENTON TX	DTVPLN	-NPLN1404

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
02	KJRH	TULSA OK	399.5	PLN	DTVPLN	-NPLN1201
02	NEW	FREDERICKSBURG TX	315.6	PLN	DTVPLN	-NPLN1405
02	KPRCTV	HOUSTON TX	363.8	PLN	DTVPLN	-NPLN1406
03	KFDXTV	WICHITA FALLS TX	206.5	PLN	DTVPLN	-NPLN1504

Results for:	2N TX DENTON	DTVPLN	NPLN1404	PLN
		POPULATION	AREA (sq km)	
within Noise Limited Contour		4220376	39692.5	
not affected by terrain losses		4212198	38945.0	
lost to NTSC IX		36038	2113.8	
lost to additional IX by ATV		0	0.0	
lost to all IX		36038	2113.8	

# Analysis of current record

Channel	Call	City/State	Application	Ref. No.
43	KDTN-DT	DENTON TX	BPEDT	-20000501AFJ

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
42	KPXD	ARLINGTON TX	5.1	APP	BPCT	-20020131ABM
42	KINZ-DT	ARLINGTON TX	5.3	PLN	DTVPLN	-DTVP1148
42	KPXD-DT	ARLINGTON TX	5.4	CP	BPCDT	-19990914AAD
43	KAUT-TV	OKLAHOMA CITY OK	342.0	LIC	BLCT	-19800925KI
43	KEYE-DT	AUSTIN TX	259.6	CP	BPCDT	-19991101ABZ
43	KEYE-DT	AUSTIN TX	259.8	PLN	DTVPLN	-DTVP1180
43	KTRE-DT	LUFKIN TX	238.8	PLN	DTVPLN	-DTVP1183
44	KWKT	WACO TX	140.9	LIC	BLCT	-19880322KI

Total scenarios = 1

Result key: 16  
Scenario 1 Affected station 8  
Before Analysis

Results for:	43A TX DENTON	BPEDT	20000501AFJ	CP
HAAT	493.0 m, ATV ERP 1000.0 kW			
		POPULATION	AREA (sq km)	
within Noise Limited Contour		4148700	34206.1	
not affected by terrain losses		4148033	34029.4	
lost to NTSC IX		332	56.2	
lost to additional IX by ATV		0	0.0	
lost to ATV IX only		0	0.0	
lost to all IX		332	56.2	

Potential Interferring Stations Included in above Scenario 1

43N OK OKLAHOMA CITY	BLCT	19800925KI	LIC
44N TX WACO	BLCT	19880322KI	LIC

## After Analysis

Results for:	43A TX DENTON	BPEDT	20000501AFJ	CP
HAAT	493.0 m, ATV ERP 1000.0 kW			
		POPULATION	AREA (sq km)	
within Noise Limited Contour		4148700	34206.1	
not affected by terrain losses		4148033	34029.4	
lost to NTSC IX		332	56.2	
lost to additional IX by ATV		900	104.4	
lost to ATV IX only		937	112.5	
lost to all IX		1232	160.6	

Potential Interferring Stations Included in above Scenario 1

43N OK OKLAHOMA CITY	BLCT	19800925KI	LIC
44N TX WACO	BLCT	19880322KI	LIC

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## Analysis of Interference to Affected Station 9

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
43	KDTN-DT	DENTON TX	DTVPLN	-DTVP1181

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
42	KPXD	ARLINGTON TX	0.2	APP	BPCT	-20020131ABM
42	KINZ-DT	ARLINGTON TX	0.3	PLN	DTVPLN	-DTVP1148
42	KPXD-DT	ARLINGTON TX	0.4	CP	BPCDT	-19990914AAD
43	KAUT-TV	OKLAHOMA CITY OK	336.8	LIC	BLCT	-19800925KI
43	KEYE-DT	AUSTIN TX	264.1	CP	BPCDT	-19991101ABZ
43	KEYE-DT	AUSTIN TX	264.4	PLN	DTVPLN	-DTVP1180
43	KTRE-DT	LUFKIN TX	242.3	PLN	DTVPLN	-DTVP1183
44	KWKT	WACO TX	145.7	LIC	BLCT	-19880322KI

Total scenarios = 1

Result key: 17

Scenario 1 Affected station 9

Before Analysis

Results for: 43A TX DENTON DTVPLN DTVP1181 PLN

HAAT 412.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4220376	39692.5
not affected by terrain losses	4216425	39142.0
lost to NTSC IX	2579	144.7
lost to additional IX by ATV	0	12.1
lost to ATV IX only	78	20.1
lost to all IX	2579	156.7

Potential Interferring Stations Included in above Scenario 1

43N OK OKLAHOMA CITY	BLCT	19800925KI	LIC
44N TX WACO	BLCT	19880322KI	LIC
43A TX LUFKIN	DTVPLN	DTVP1183	PLN
43A TX AUSTIN	DTVPLN	DTVP1180	PLN

After Analysis

Results for: 43A TX DENTON DTVPLN DTVP1181 PLN

HAAT 412.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4220376	39692.5
not affected by terrain losses	4216425	39142.0
lost to NTSC IX	2579	144.7
lost to additional IX by ATV	12261	321.5
lost to ATV IX only	14359	397.8
lost to all IX	14840	466.2

Potential Interferring Stations Included in above Scenario 1

43N OK OKLAHOMA CITY	BLCT	19800925KI	LIC
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44N TX WACO	BLCT	19880322KI	LIC
43A TX LUFKIN	DTVPLN	DTVP1183	PLN
43A TX AUSTIN	BPCDT	19991101ABZ	CP

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# Analysis of Interference to Affected Station 10

## DTV Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
43	KTRE-DT	LUFKIN TX	DTVPLN	-DTVP1183

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
42	KHIM-DT	CONROE TX	135.7	PLN	DTVPLN	-DTVP1149
43	NEW	EL DORADO AR	280.5	PLN	DTVPLN	-NPLN0083
43	KEYE-DT	AUSTIN TX	311.3	PLN	DTVPLN	-DTVP1180
43	KDTN-DT	DENTON TX	242.3	PLN	DTVPLN	-DTVP1181
44	KSHV-DT	SHREVEPORT LA	160.9	PLN	DTVPLN	-DTVP1202
44	KZJL-DT	HOUSTON TX	217.6	PLN	DTVPLN	-DTVP1218

Results for: 43A TX LUFKIN                      DTVPLN      DTVP1183      PLN

HAAT 204.0 m, ATV ERP 813.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	224472	18285.4
not affected by terrain losses	223727	18168.8
lost to NTSC IX	390	68.3
lost to additional IX by ATV	2139	273.3
lost to ATV IX only	2200	293.4
lost to all IX	2529	341.7

## NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
09	KTRE	LUFKIN TX	DTVPLN	-NPLN1526

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
08	KPLC-DT	LAKE CHARLES LA	205.8	PLN	DTVPLN	-DTVP0036
09	KETG	ARKADELPHIA AR	318.5	PLN	DTVPLN	-NPLN0020
09	WFAA-DT	DALLAS TX	242.7	PLN	DTVPLN	-DTVP0055
09	KUHT-DT	HOUSTON TX	215.5	PLN	DTVPLN	-DTVP0056
09	WAFB	BATON ROUGE LA	361.6	PLN	DTVPLN	-NPLN0618
08	KUHT	HOUSTON TX	215.5	PLN	DTVPLN	-NPLN1426
09	KLRN	SAN ANTONIO TX	412.8	PLN	DTVPLN	-NPLN1528

Results for: 9N TX LUFKIN                      DTVPLN      NPLN1526      PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	224473	18281.3
not affected by terrain losses	213161	16657.4
lost to NTSC IX	7457	647.2
lost to additional IX by ATV	22493	1611.9
lost to all IX	29950	2259.0

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
43	KTRE-DT	LUFKIN TX	DTVPLN	-DTVP1183

## Stations Potentially Affecting This Station



Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
42	KTBU	CONROE TX	217.3	CP MOD	BMPCDT	-20010910AAF
42	KHIM-DT	CONROE TX	135.7	PLN	DTVPLN	-DTVP1149
42	KTBU-DT	CONROE TX	217.3	APP	BMPCDT	-20020424ABA
43	960930KV	EL DORADO AR	304.1	CP	BPCT	-19960930KV
43	KEYE-DT	AUSTIN TX	311.3	CP	BPCDT	-19991101ABZ
43	KEYE-DT	AUSTIN TX	311.3	PLN	DTVPLN	-DTVP1180
43	KDTN-DT	DENTON TX	238.8	CP	BPEDT	-20000501AFJ
43	KDTN-DT	DENTON TX	242.3	PLN	DTVPLN	-DTVP1181
44	KSHV	SHREVEPORT LA	160.9	CP	BPCDT	-19991027ADK
44	KSHV-DT	SHREVEPORT LA	160.9	PLN	DTVPLN	-DTVP1202
44	KZJL-DT	HOUSTON TX	217.6	CP	BPCDT	-19991101AFF
44	KZJL-DT	HOUSTON TX	217.6	PLN	DTVPLN	-DTVP1218

Total scenarios = 2

Result key: 18  
Scenario 1 Affected station 10  
Before Analysis

Results for: 43A TX LUFKIN DTVPLN DTVP1183 PLN  
HAAT 204.0 m, ATV ERP 813.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	224472	18285.4
not affected by terrain losses	223727	18168.8
lost to NTSC IX	555	84.4
lost to additional IX by ATV	1497	197.0
lost to ATV IX only	1620	225.1
lost to all IX	2052	281.4

Potential Interferring Stations Included in above Scenario 1

43N AR EL DORADO	BPCT	19960930KV	CP
42A TX CONROE	DTVPLN	DTVP1149	PLN
43A TX DENTON	BPEDT	20000501AFJ	CP

After Analysis

Results for: 43A TX LUFKIN DTVPLN DTVP1183 PLN  
HAAT 204.0 m, ATV ERP 813.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	224472	18285.4
not affected by terrain losses	223727	18168.8
lost to NTSC IX	555	84.4
lost to additional IX by ATV	1690	205.0
lost to ATV IX only	1813	233.1
lost to all IX	2245	289.4

Potential Interferring Stations Included in above Scenario 1

43N AR EL DORADO	BPCT	19960930KV	CP
42A TX CONROE	DTVPLN	DTVP1149	PLN
43A TX DENTON	BPEDT	20000501AFJ	CP
43A TX AUSTIN	BPCDT	19991101ABZ	CP

Result key: 19  
Scenario 2 Affected station 10  
Before Analysis

Results for: 43A TX LUFKIN DTVPLN DTVP1183 PLN  
HAAT 204.0 m, ATV ERP 813.0 kW

	POPULATION	AREA (sq km)
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within Noise Limited Contour	224472	18285.4
not affected by terrain losses	223727	18168.8
lost to NTSC IX	555	84.4
lost to additional IX by ATV	2110	269.3
lost to ATV IX only	2200	293.4
lost to all IX	2665	353.7

Potential Interferring Stations Included in above Scenario 2

43N AR EL DORADO	BPCT	19960930KV	CP
42A TX CONROE	DTVPLN	DTVP1149	PLN
43A TX DENTON	DTVPLN	DTVP1181	PLN

#### After Analysis

Results for: 43A TX LUFKIN DTVPLN DTVP1183 PLN  
HAAT 204.0 m, ATV ERP 813.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	224472	18285.4
not affected by terrain losses	223727	18168.8
lost to NTSC IX	555	84.4
lost to additional IX by ATV	2110	273.3
lost to ATV IX only	2200	297.5
lost to all IX	2665	357.7

Potential Interferring Stations Included in above Scenario 2

43N AR EL DORADO	BPCT	19960930KV	CP
42A TX CONROE	DTVPLN	DTVP1149	PLN
43A TX DENTON	DTVPLN	DTVP1181	PLN
43A TX AUSTIN	BPCDT	19991101ABZ	CP

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#### Analysis of Interference to Affected Station 11

#### NTSC Baseline Analysis

Channel	Call	City/State	Application Ref. No.
44	KWKT	WACO TX	DTVPLN -NPLN1588

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
43	KEYE-DT	AUSTIN TX	119.5	PLN	DTVPLN -DTVP1180
43	KDTN-DT	DENTON TX	145.7	PLN	DTVPLN -DTVP1181
44	KSHV-DT	SHREVEPORT LA	353.4	PLN	DTVPLN -DTVP1202
44	KZJL-DT	HOUSTON TX	262.2	PLN	DTVPLN -DTVP1218
45	KDTX-DT	DALLAS TX	145.7	PLN	DTVPLN -DTVP1249
47	KNCT-DT	BELTON TX	46.4	PLN	DTVPLN -DTVP1308
36	KXANTV	AUSTIN TX	118.8	PLN	DTVPLN -NPLN1472
42	KEYETV	AUSTIN TX	119.5	PLN	DTVPLN -NPLN1477
46	KNCT	BELTON TX	46.4	PLN	DTVPLN -NPLN1479
58	KDTXTV	DALLAS TX	145.7	PLN	DTVPLN -NPLN1495

Results for: 44N TX WACO DTVPLN NPLN1588 PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	643200	22954.3
not affected by terrain losses	640684	22688.8
lost to NTSC IX	32747	281.6
lost to additional IX by ATV	276	156.9
lost to all IX	33023	438.5

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
44	KWKT	WACO TX	BLCT	-19880322KI

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
36	KXAN-TV	AUSTIN TX	118.8	LIC	BLCT	-19971202KF
36	KDFI-DT	DALLAS TX	140.9	CP	BPCDT	-19991101AEK
42	KEYE-TV	AUSTIN TX	119.5	CP	BPCT	-19961211KG
43	KEYE-DT	AUSTIN TX	119.3	CP	BPCDT	-19991101ABZ
43	KEYE-DT	AUSTIN TX	119.5	PLN	DTVPLN	-DTVP1180
43	KDTN-DT	DENTON TX	140.9	CP	BPEDT	-20000501AFJ
43	KDTN-DT	DENTON TX	145.7	PLN	DTVPLN	-DTVP1181
44	KSHV	SHREVEPORT LA	353.4	CP	BPCDT	-19991027ADK
44	KSHV-DT	SHREVEPORT LA	353.4	PLN	DTVPLN	-DTVP1202
44	KZJL-DT	HOUSTON TX	262.2	CP	BPCDT	-19991101AFF
44	KZJL-DT	HOUSTON TX	262.2	PLN	DTVPLN	-DTVP1218
45	KDTX-DT	DALLAS TX	145.6	CP	BPCDT	-19991028AFX
45	KDTX-DT	DALLAS TX	145.7	PLN	DTVPLN	-DTVP1249
46	KNCT	BELTON TX	46.4	LIC	BLCT	-2369
47	KNCT-DT	BELTON TX	46.6	CP	BPEDT	-20000420AAD
47	KNCT-DT	BELTON TX	46.4	PLN	DTVPLN	-DTVP1308
48	KSTR-DT	IRVING TX	140.9	CP MOD	BMPCDT	-20000501ADB
58	KDTX-TV	DALLAS TX	145.6	LIC	BLCT	-20000229ABE

Total scenarios = 2

Result key: 20

Scenario 1 Affected station 11

Before Analysis

Results for: 44N TX WACO	BLCT	19880322KI	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	643200	22954.3	
not affected by terrain losses	640684	22688.8	
lost to NTSC IX	32896	289.6	
lost to additional IX by ATV	2536	301.7	
lost to all IX	35432	591.4	

Potential Interferring Stations Included in above Scenario 1

36N TX AUSTIN	BLCT	19971202KF	LIC
42N TX AUSTIN	BPCT	19961211KG	CP
46N TX BELTON	BLCT	2369	LIC
58N TX DALLAS	BLCT	20000229ABE	LIC
43A TX DENTON	BPEDT	20000501AFJ	CP
44A TX HOUSTON	BPCDT	19991101AFF	CP
45A TX DALLAS	BPCDT	19991028AFX	CP
43A TX AUSTIN	DTVPLN	DTVP1180	PLN

After Analysis

Results for: 44N TX WACO	BLCT	19880322KI	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	643200	22954.3	
not affected by terrain losses	640684	22688.8	
lost to NTSC IX	32896	289.6	
lost to additional IX by ATV	14359	523.0	
lost to all IX	47255	812.6	

Potential Interferring Stations Included in above Scenario 1

36N TX AUSTIN	BLCT	19971202KF	LIC
42N TX AUSTIN	BPCT	19961211KG	CP
46N TX BELTON	BLCT	2369	LIC
58N TX DALLAS	BLCT	20000229ABE	LIC
43A TX DENTON	BPEDT	20000501AFJ	CP
44A TX HOUSTON	BPCDT	19991101AFF	CP
45A TX DALLAS	BPCDT	19991028AFX	CP
43A TX AUSTIN	BPCDT	19991101ABZ	CP

Result key: 21  
 Scenario 2 Affected station 11  
 Before Analysis

Results for: 44N TX WACO	BLCT	19880322KI	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	643200	22954.3	
not affected by terrain losses	640684	22688.8	
lost to NTSC IX	32896	289.6	
lost to additional IX by ATV	2745	386.2	
lost to all IX	35641	675.8	

Potential Interferring Stations Included in above Scenario 2

36N TX AUSTIN	BLCT	19971202KF	LIC
42N TX AUSTIN	BPCT	19961211KG	CP
46N TX BELTON	BLCT	2369	LIC
58N TX DALLAS	BLCT	20000229ABE	LIC
43A TX DENTON	DTVPLN	DTVP1181	PLN
44A TX HOUSTON	BPCDT	19991101AFF	CP
45A TX DALLAS	BPCDT	19991028AFX	CP
43A TX AUSTIN	DTVPLN	DTVP1180	PLN

After Analysis

Results for: 44N TX WACO	BLCT	19880322KI	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	643200	22954.3	
not affected by terrain losses	640684	22688.8	
lost to NTSC IX	32896	289.6	
lost to additional IX by ATV	14568	607.4	
lost to all IX	47464	897.1	

Potential Interferring Stations Included in above Scenario 2

36N TX AUSTIN	BLCT	19971202KF	LIC
42N TX AUSTIN	BPCT	19961211KG	CP
46N TX BELTON	BLCT	2369	LIC
58N TX DALLAS	BLCT	20000229ABE	LIC
43A TX DENTON	DTVPLN	DTVP1181	PLN
44A TX HOUSTON	BPCDT	19991101AFF	CP
45A TX DALLAS	BPCDT	19991028AFX	CP
43A TX AUSTIN	BPCDT	19991101ABZ	CP

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Analysis of Interference to Affected Station 12

NTSC Baseline Analysis

Channel Call City/State Application Ref. No.

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
43	KEYE-DT	AUSTIN TX	76.0	PLN	DTVPLN	-DTVP1180
45	KDTX-DT	DALLAS TX	188.8	PLN	DTVPLN	-DTVP1249
46	KTAQ-DT	GREENVILLE TX	279.1	PLN	DTVPLN	-DTVP1276
46	KXLN-DT	ROSENBERG TX	258.8	PLN	DTVPLN	-DTVP1278
47	KNCT-DT	BELTON TX	0.0	PLN	DTVPLN	-DTVP1308
49	KNVA-DT	AUSTIN TX	75.2	PLN	DTVPLN	-DTVP1363
50	KCEN-DT	TEMPLE TX	50.3	PLN	DTVPLN	-DTVP1394
53	KWTX-DT	WACO TX	47.7	PLN	DTVPLN	-DTVP1467
39	KXTX-TV	DALLAS TX	188.4	PLN	DTVPLN	-NPLN1475
54	KNVA	AUSTIN TX	75.2	PLN	DTVPLN	-NPLN1489
44	KWKT	WACO TX	46.4	PLN	DTVPLN	-NPLN1588
60	KVDA	SAN ANTONIO TX	197.6	PLN	DTVPLN	-NPLN1596

Results for: 46N TX BELTON	DTVPLN	NPLN1479	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	611147	15546.4	
not affected by terrain losses	602514	15243.6	
lost to NTSC IX	55296	419.8	
lost to additional IX by ATV	2015	205.9	
lost to all IX	57311	625.7	

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
46	KNCT	BELTON TX	BLCT	-2369

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
38	KNCT-TV	BELTON TX	0.2	APP	BPRM	-20020426ABI
39	KXTX-TV	DALLAS TX	188.4	LIC	BLCT	-19970905KE
43	KEYE-DT	AUSTIN TX	75.7	CP	BPCDT	-19991101ABZ
43	KEYE-DT	AUSTIN TX	76.0	PLN	DTVPLN	-DTVP1180
44	KWKT	WACO TX	46.4	LIC	BLCT	-19880322KI
45	KDTX-DT	DALLAS TX	188.7	CP	BPCDT	-19991028AFX
45	KDTX-DT	DALLAS TX	188.8	PLN	DTVPLN	-DTVP1249
46	KTAQ-DT	GREENVILLE TX	188.7	CP	BPCDT	-19991027ABP
46	KTAQ-DT	GREENVILLE TX	279.1	PLN	DTVPLN	-DTVP1276
46	KXLN-DT	ROSENBERG TX	257.8	CP	BPCDT	-19991021ACL
46	KXLN-DT	ROSENBERG TX	258.8	PLN	DTVPLN	-DTVP1278
47	KNCT-DT	BELTON TX	0.2	CP	BPEDT	-20000420AAD
47	KNCT-DT	BELTON TX	0.0	PLN	DTVPLN	-DTVP1308
49	KNVA-DT	AUSTIN TX	75.2	PLN	DTVPLN	-DTVP1363
49	KNVA-DT	AUSTIN TX	75.2	CP	BPCDT	-19991025ADB
50	KCEN-DT	TEMPLE TX	50.3	PLN	DTVPLN	-DTVP1394
53	KWTX-DT	WACO TX	47.7	PLN	DTVPLN	-DTVP1467
53	KWTX-DT	WACO TX	47.7	CP MOD	BMPCDT	-20010912AAJ
54	KNVA	AUSTIN TX	75.2	LIC	BLCT	-19980708KE
60	KVDA	SAN ANTONIO TX	197.6	LIC	BLCT	-19890920KF

Total scenarios = 2

Result key: 22

Scenario 1 Affected station 12

Before Analysis

Results for: 46N TX BELTON	BLCT	2369	LIC
	POPULATION	AREA (sq km)	

within Noise Limited Contour	611147	15546.4
not affected by terrain losses	602514	15243.6
lost to NTSC IX	55296	419.8
lost to additional IX by ATV	15763	472.3
lost to all IX	71059	892.2

Potential Interferring Stations Included in above Scenario 1

44N TX WACO	BLCT	19880322KI	LIC
54N TX AUSTIN	BLCT	19980708KE	LIC
46A TX GREENVILLE	BPCDT	19991027ABP	CP
46A TX ROSENBERG	BPCDT	19991021ACL	CP
49A TX AUSTIN	DTVPLN	DTVP1363	PLN
50A TX TEMPLE	DTVPLN	DTVP1394	PLN

After Analysis

Results for: 46N TX BELTON	BLCT	2369	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	611147	15546.4	
not affected by terrain losses	602514	15243.6	
lost to NTSC IX	55296	419.8	
lost to additional IX by ATV	19767	496.5	
lost to all IX	75063	916.4	

Potential Interferring Stations Included in above Scenario 1

44N TX WACO	BLCT	19880322KI	LIC
54N TX AUSTIN	BLCT	19980708KE	LIC
46A TX GREENVILLE	BPCDT	19991027ABP	CP
46A TX ROSENBERG	BPCDT	19991021ACL	CP
49A TX AUSTIN	DTVPLN	DTVP1363	PLN
50A TX TEMPLE	DTVPLN	DTVP1394	PLN
43A TX AUSTIN	BPCDT	19991101ABZ	CP

Result key: 23  
 Scenario 2 Affected station 12  
 Before Analysis

Results for: 46N TX BELTON	BLCT	2369	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	611147	15546.4	
not affected by terrain losses	602514	15243.6	
lost to NTSC IX	55296	419.8	
lost to additional IX by ATV	15763	472.3	
lost to all IX	71059	892.2	

Potential Interferring Stations Included in above Scenario 2

44N TX WACO	BLCT	19880322KI	LIC
54N TX AUSTIN	BLCT	19980708KE	LIC
46A TX GREENVILLE	BPCDT	19991027ABP	CP
46A TX ROSENBERG	BPCDT	19991021ACL	CP
49A TX AUSTIN	BPCDT	19991025ADB	CP
50A TX TEMPLE	DTVPLN	DTVP1394	PLN

After Analysis

Results for: 46N TX BELTON	BLCT	2369	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	611147	15546.4	
not affected by terrain losses	602514	15243.6	
lost to NTSC IX	55296	419.8	

lost to additional IX by ATV	19767	496.5
lost to all IX	75063	916.4

Potential Interferring Stations Included in above Scenario 2

44N TX WACO	BLCT	19880322KI	LIC
54N TX AUSTIN	BLCT	19980708KE	LIC
46A TX GREENVILLE	BPCDT	19991027ABP	CP
46A TX ROSENBERG	BPCDT	19991021ACL	CP
49A TX AUSTIN	BPCDT	19991025ADB	CP
50A TX TEMPLE	DTVPLN	DTVP1394	PLN
43A TX AUSTIN	BPCDT	19991101ABZ	CP

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# Analysis of Interference to Affected Station 13

## DTV Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
43	KEYE-DT	AUSTIN TX	DTVPLN	-DTVP1180

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
43	KDTN-DT	DENTON TX	264.4	PLN	DTVPLN	-DTVP1181
43	KTRE-DT	LUFKIN TX	311.3	PLN	DTVPLN	-DTVP1183
42	KEYETV	AUSTIN TX	0.0	PLN	DTVPLN	-NPLN1477
44	KWKT	WACO TX	119.5	PLN	DTVPLN	-NPLN1588

Results for: 43A TX AUSTIN DTVPLN DTVP1180 PLN  
 HAAT 393.0 m, ATV ERP 82.7 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	915659	18165.6
not affected by terrain losses	912012	17864.7
lost to NTSC IX	545	28.1
lost to additional IX by ATV	597	208.6
lost to ATV IX only	1142	236.7
lost to all IX	1142	236.7

## NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
42	KEYETV	AUSTIN TX	DTVPLN	-NPLN1477

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
38	KVDA-DT	SAN ANTONIO TX	122.2	PLN	DTVPLN	-DTVP1014
39	KWEX-DT	SAN ANTONIO TX	122.2	PLN	DTVPLN	-DTVP1049
42	KINZ-DT	ARLINGTON TX	264.3	PLN	DTVPLN	-DTVP1148
42	KHIM-DT	CONROE TX	257.3	PLN	DTVPLN	-DTVP1149
43	KEYE-DT	AUSTIN TX	0.0	PLN	DTVPLN	-DTVP1180
49	KNVA-DT	AUSTIN TX	0.7	PLN	DTVPLN	-DTVP1363
50	KCEN-DT	TEMPLE TX	119.7	PLN	DTVPLN	-DTVP1394
56	KTBC-DT	AUSTIN TX	1.4	PLN	DTVPLN	-DTVP1522
57	KWKT-DT	WACO TX	119.5	PLN	DTVPLN	-DTVP1543
46	KNCT	BELTON TX	76.0	PLN	DTVPLN	-NPLN1479
35	KRRT	KERRVILLE TX	131.4	PLN	DTVPLN	-NPLN1580
41	KWEXTV	SAN ANTONIO TX	122.2	PLN	DTVPLN	-NPLN1584
44	KWKT	WACO TX	119.5	PLN	DTVPLN	-NPLN1588

Results for: 42N TX AUSTIN DTVPLN NPLN1477 PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	915976	18165.6
not affected by terrain losses	905291	17571.9
lost to NTSC IX	27492	1067.1
lost to additional IX by ATV	237	120.4
lost to all IX	27729	1187.5

#### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
43	KEYE-DT	AUSTIN TX	BPCDT	-19991101ABZ

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
42	KEYE-TV	AUSTIN TX	0.3	CP	BPCT	-19961211KG
43	KDTN-DT	DENTON TX	259.6	CP	BPEDT	-20000501AFJ
43	KDTN-DT	DENTON TX	264.1	PLN	DTVPLN	-DTVP1181
43	KTRE-DT	LUFKIN TX	311.3	PLN	DTVPLN	-DTVP1183
44	KWKT	WACO TX	119.3	LIC	BLCT	-19880322KI

Total scenarios = 2

Result key: 24  
Scenario 1 Affected station 13  
Before Analysis

Results for: 43A TX AUSTIN BPCDT 19991101ABZ CP  
HAAT 395.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1354788	32350.6
not affected by terrain losses	1339807	31612.3
lost to NTSC IX	631	28.1
lost to additional IX by ATV	16205	156.5
lost to ATV IX only	16205	156.5
lost to all IX	16836	184.6

Potential Interferring Stations Included in above Scenario 1

44N TX WACO	BLCT	19880322KI	LIC
43A TX DENTON	BPEDT	20000501AFJ	CP
43A TX LUFKIN	DTVPLN	DTVP1183	PLN

Result key: 25  
Scenario 2 Affected station 13  
Before Analysis

Results for: 43A TX AUSTIN BPCDT 19991101ABZ CP  
HAAT 395.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1354788	32350.6
not affected by terrain losses	1339807	31612.3
lost to NTSC IX	631	28.1
lost to additional IX by ATV	23206	453.4
lost to ATV IX only	23837	481.5
lost to all IX	23837	481.5

Potential Interferring Stations Included in above Scenario 2

44N TX WACO	BLCT	19880322KI	LIC
43A TX DENTON	DTVPLN	DTVP1181	PLN
43A TX LUFKIN	DTVPLN	DTVP1183	PLN



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