

KFDM-DT, Beaumont, TX, OET-69 Pre-Transition Interference Analysis (worst-case scenarios)

Census data selected 1990

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 01-29-2009

Record Selected for Analysis

KFDM-DT USERRECORD-01 BEAUMONT TX US
Channel 21 ERP 74. kW HAAT 251. m RCAMSL 00256 m
Latitude 030-08-24 Longitude 0093-58-44
Status APP Zone 3 Border
Dir Antenna Make CDB Model 00000000044573 Beam tilt N Ref Azimuth 0.
Last update Cutoff date Docket
Comments
Applicant

Cell Size for Service Analysis 2.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Facility meets maximum height/power limits

Azimuth (Deg)	ERP (kW)	HAAT (m)	41.0 dBu F(50,90) (km)
0.0	65.665	247.8	71.9
45.0	62.498	249.8	71.8
90.0	23.206	251.5	66.8
135.0	4.406	252.5	58.3
180.0	23.206	253.9	67.0
225.0	62.498	252.7	72.0
270.0	65.665	253.3	72.3
315.0	74.000	249.6	72.7

Evaluation toward Class A Stations

No Spacing violations or contour overlap to Class A stations

Class A Evaluation Complete

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quite zone

Proposed facility OK toward Table Mountain

Proposed facility is beyond the Canadian coordination distance

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
21	KFDM-DT	BEAUMONT TX	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
18	KLTL-TV	LAKE CHARLES LA	98.0	LIC	BLET	-19810508KF

KFDM-DT, Beaumont, TX, OET-69 Pre-Transition Interference Analysis (worst-case scenarios)

20	KLTL-DT	LAKE CHARLES LA	98.0	PLN	DTVPLN	-DTVP0398
20	KTXH	HOUSTON TX	160.9	LIC	BLCT	-20011205ABO
21	KPXJ	MINDEN LA	295.0	LIC	BLCT	-19980915KE
21	KPXJ	MINDEN LA	283.0	LIC	BLCDT	-20050930AAL
21	WHNO-TV	NEW ORLEANS LA	381.3	LIC	BPRM	-20000803AAF
21	WHNO	NEW ORLEANS LA	381.3	LIC	BLCDT	-20050413AAK
21	WAPT	JACKSON MS	423.2	CP	BPCDT	-19990915ATM
21	WAPT-DT	JACKSON MS	423.2	PLN	DTVPLN	-DTVP0445
21	KXAN-TV	AUSTIN TX	367.5	LIC	BLCDT	-20050630AAG
21	KXAN-DT	AUSTIN TX	367.5	PLN	DTVPLN	-DTVP0459
21	KTXA	FORT WORTH TX	393.3	LIC	BLCT	-19801231KF
22	KLTV	GALVESTON TX	153.2	LIC	BLET	-19940111KF
29	KVHP	LAKE CHARLES LA	42.1	LIC	BLCT	-19900406KL

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Analysis of Interference to Affected Station 1

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
18	KLTLTV	LAKE CHARLES LA	DTVPLN	-NPLN1020

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
15	KADN	LAFAYETTE LA	75.7	PLN	DTVPLN	-NPLN0924
16	KADN-DT	LAFAYETTE LA	75.7	PLN	DTVPLN	-DTVP0222
18	WMAU-DT	BUDE MS	240.4	PLN	DTVPLN	-DTVP0313
18	KLSB-DT	NACOGDOCHES TX	202.0	PLN	DTVPLN	-DTVP0330
19	KLSBT	NACOGDOCHES TX	202.0	PLN	DTVPLN	-NPLN1059
20	KLTL-DT	LAKE CHARLES LA	0.0	PLN	DTVPLN	-DTVP0398
21	KFDM-DT	BEAUMONT TX	98.0	PLN	DTVPLN	-DTVP0460
25	KLPATV	ALEXANDRIA LA	136.7	PLN	DTVPLN	-NPLN1246
26	KLPA-DT	ALEXANDRIA LA	136.7	PLN	DTVPLN	-DTVP0640
32	KLAX-DT	ALEXANDRIA LA	136.5	PLN	DTVPLN	-DTVP0866
33	WVLA	BATON ROUGE LA	165.7	PLN	DTVPLN	-NPLN1449
33	KITU-DT	BEAUMONT TX	90.2	PLN	DTVPLN	-DTVP0919

Results for: 18N LA LAKE CHARLES	DTVPLN	NPLN1020	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	374285	18009.5	
not affected by terrain losses	374285	18009.5	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	415	76.2	
lost to all IX	415	76.2	

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
18	KLTL-TV	LAKE CHARLES LA	BLET	-19810508KF

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
15	KADN	LAFAYETTE LA	75.7	LIC	BLCT	-19890313KI
16	KADN	LAFAYETTE LA	75.7	CP	BPCDT	-19991101AHD
16	KADN-DT	LAFAYETTE LA	75.7	PLN	DTVPLN	-DTVP0222
18	WMAU-DT	BUDE MS	240.4	PLN	DTVPLN	-DTVP0313
18	WMAU-TV	BUDE MS	240.5	CP MOD	BMPEDT	-20090121AHA
18	KYTX	NACOGDOCHES TX	259.3	LIC	BLCDT	-20070810AAO
18	KLSB-DT	NACOGDOCHES TX	202.0	PLN	DTVPLN	-DTVP0330
20	KLTL-DT	LAKE CHARLES LA	0.0	PLN	DTVPLN	-DTVP0398
21	KFDM-DT	BEAUMONT TX	98.0	PLN	DTVPLN	-DTVP0460
25	KLPA-TV	ALEXANDRIA LA	136.7	LIC	BLET	-20050127ABI
26	KLPA-TV	ALEXANDRIA LA	136.7	LIC	BLEDT	-20031212ABA
26	KLPA-DT	ALEXANDRIA LA	136.7	PLN	DTVPLN	-DTVP0640
32	KLAX-DT	ALEXANDRIA LA	136.5	PLN	DTVPLN	-DTVP0866
33	WVLA	BATON ROUGE LA	165.7	LIC	BLCT	-19871224KH
33	KITU-TV	BEAUMONT TX	90.2	CP	BPEDT	-20080618ACT
33	KITU-DT	BEAUMONT TX	90.2	PLN	DTVPLN	-DTVP0919
33	KITU-TV	BEAUMONT TX	90.2	LIC	BLEDT	-20060703AAO
21	KFDM-DT	BEAUMONT TX	98.0	APP	USERRECORD	-01

Proposal causes no interference

KFDM-DT, Beaumont, TX, OET-69 Pre-Transition Interference Analysis (worst-case scenarios)

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Analysis of Interference to Affected Station 2

DTV Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
20	KLTL-DT	LAKE CHARLES LA	DTVPLN	-DTVP0398

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
19	KLTM-DT	MONROE LA	218.4	PLN	DTVPLN	-DTVP0355
19	KLSBT	NACOGDOCHES TX	202.0	PLN	DTVPLN	-NPLN1059
20	WHNO	NEW ORLEANS LA	291.1	PLN	DTVPLN	-NPLN1082
20	WMPN-DT	JACKSON MS	320.2	PLN	DTVPLN	-DTVP0405
20	KTXH	HOUSTON TX	258.1	PLN	DTVPLN	-NPLN1091
20	KCTF-DT	WACO TX	415.6	PLN	DTVPLN	-DTVP0421
21	KFDM-DT	BEAUMONT TX	98.0	PLN	DTVPLN	-DTVP0460

Results for: 20A LA LAKE CHARLES DTVPLN DTVP0398 PLN
 HAAT 314.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	374285	18009.5
not affected by terrain losses	374285	18009.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	5973	412.9
lost to ATV IX only	5973	412.9
lost to all IX	5973	412.9

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
18	KLTLTV	LAKE CHARLES LA	DTVPLN	-NPLN1020

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
15	KADN	LAFAYETTE LA	75.7	PLN	DTVPLN	-NPLN0924
16	KADN-DT	LAFAYETTE LA	75.7	PLN	DTVPLN	-DTVP0222
18	WMAU-DT	BUDE MS	240.4	PLN	DTVPLN	-DTVP0313
18	KLSB-DT	NACOGDOCHES TX	202.0	PLN	DTVPLN	-DTVP0330
19	KLSBT	NACOGDOCHES TX	202.0	PLN	DTVPLN	-NPLN1059
20	KLTL-DT	LAKE CHARLES LA	0.0	PLN	DTVPLN	-DTVP0398
21	KFDM-DT	BEAUMONT TX	98.0	PLN	DTVPLN	-DTVP0460
25	KLPATV	ALEXANDRIA LA	136.7	PLN	DTVPLN	-NPLN1246
26	KLPA-DT	ALEXANDRIA LA	136.7	PLN	DTVPLN	-DTVP0640
32	KLAX-DT	ALEXANDRIA LA	136.5	PLN	DTVPLN	-DTVP0866
33	WVLA	BATON ROUGE LA	165.7	PLN	DTVPLN	-NPLN1449
33	KITU-DT	BEAUMONT TX	90.2	PLN	DTVPLN	-DTVP0919

Results for: 18N LA LAKE CHARLES DTVPLN NPLN1020 PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	374285	18009.5
not affected by terrain losses	374285	18009.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	415	76.2
lost to all IX	415	76.2

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
20	KLTL-DT	LAKE CHARLES LA	DTVPLN	-DTVP0398

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
19	KLTM-DT	MONROE LA	218.4	PLN	DTVPLN	-DTVP0355
20	WMPN-DT	JACKSON MS	320.2	PLN	DTVPLN	-DTVP0405
20	WHNO	NEW ORLEANS LA	291.1	LIC	BLCT	-19941101KE
20	WMPN-TV	JACKSON MS	317.0	CP	BPEDT	-20000113AAH
20	KTXH	HOUSTON TX	258.7	LIC	BLCT	-20011205ABO
20	KWBU-TV	WACO TX	426.7	LIC	BLEDT	-20060622AAS
20	KCTF-DT	WACO TX	415.6	PLN	DTVPLN	-DTVP0421
21	KFDM-DT	BEAUMONT TX	98.0	PLN	DTVPLN	-DTVP0460
21	KFDM-DT	BEAUMONT TX	98.0	APP	USERRECORD-01	

KFDM-DT, Beaumont, TX, OET-69 Pre-Transition Interference Analysis (worst-case scenarios)

Proposal causes no interference

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Analysis of Interference to Affected Station 3

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
20	KTXH	HOUSTON TX	DTVPLN	-NPLN1091

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
19	KTXH-DT	HOUSTON TX	0.0	PLN	DTVPLN	-DTVP0373
19	KVCT	VICTORIA TX	166.4	PLN	DTVPLN	-NPLN1060
20	KLTL-DT	LAKE CHARLES LA	258.1	PLN	DTVPLN	-DTVP0398
20	KLRN-DT	SAN ANTONIO TX	276.9	PLN	DTVPLN	-DTVP0418
20	KCTF-DT	WACO TX	267.0	PLN	DTVPLN	-DTVP0421
21	KFDM-DT	BEAUMONT TX	160.3	PLN	DTVPLN	-DTVP0460
22	KLTJ	GALVESTON TX	40.6	PLN	DTVPLN	-NPLN1157
23	KLTJ-DT	GALVESTON TX	40.6	PLN	DTVPLN	-DTVP0546
24	KETH-DT	HOUSTON TX	2.3	PLN	DTVPLN	-DTVP0587
27	KRIV-DT	HOUSTON TX	1.6	PLN	DTVPLN	-DTVP0692
34	KITU	BEAUMONT TX	168.3	PLN	DTVPLN	-NPLN1483
35	KPRC-DT	HOUSTON TX	1.4	PLN	DTVPLN	-DTVP0995

Results for: 20N TX HOUSTON	DTVPLN	NPLN1091	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	3787966	27903.7	
not affected by terrain losses	3787631	27867.4	
lost to NTSC IX	73	4.0	
lost to additional IX by ATV	3603	169.5	
lost to all IX	3676	173.5	

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
20	KTXH	HOUSTON TX	BLCT	-20011205ABO

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
19	KTXH	HOUSTON TX	0.0	CP	BPCDT	-20080619AAW
19	KTXH-DT	HOUSTON TX	1.5	PLN	DTVPLN	-DTVP0373
19	KTXH	HOUSTON TX	0.0	LIC	BLCDDT	-20020514AAE
19	KVCT	VICTORIA TX	175.9	CP	BPCT	-20030212AAC
20	KLTL-DT	LAKE CHARLES LA	258.7	PLN	DTVPLN	-DTVP0398
20	KLRN-DT	SAN ANTONIO TX	276.8	PLN	DTVPLN	-DTVP0418
20	KWBU-TV	WACO TX	262.9	LIC	BLEDT	-20060622AAS
20	KCTF-DT	WACO TX	268.3	PLN	DTVPLN	-DTVP0421
21	KFDM-DT	BEAUMONT TX	160.9	PLN	DTVPLN	-DTVP0460
22	KLTJ	GALVESTON TX	39.5	LIC	BLET	-19940111KF
23	KLTJ-DT	GALVESTON TX	39.5	PLN	DTVPLN	-DTVP0546
23	KLTJ	GALVESTON TX	1.0	CP	BPEDT	-20080617AAD
24	KETH-TV	HOUSTON TX	1.0	LIC	BLEDT	-20031217AAM
24	KETH-DT	HOUSTON TX	1.0	PLN	DTVPLN	-DTVP0587
24	KETH-TV	HOUSTON TX	1.0	CP	BPEDT	-20080620ANS
27	KRIV-DT	HOUSTON TX	2.1	PLN	DTVPLN	-DTVP0692
27	KRIV	HOUSTON TX	2.1	LIC	BLCDDT	-20070823ACI
34	KITU-TV	BEAUMONT TX	168.9	LIC	BLET	-19860724KF
35	KPRC-DT	HOUSTON TX	1.2	PLN	DTVPLN	-DTVP0995
21	KFDM-DT	BEAUMONT TX	160.9	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.
21	NEW	MINDEN LA	DTVPLN	-NPLN1110

KFDM-DT, Beaumont, TX, OET-69 Pre-Transition Interference Analysis (worst-case scenarios)

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	KARD	WEST MONROE LA	120.7	PLN	DTVPLN	-NPLN0889
17	KSLA-DT	SHREVEPORT LA	57.3	PLN	DTVPLN	-DTVP0263
19	KLTM-DT	MONROE LA	125.7	PLN	DTVPLN	-DTVP0355
21	KHBS-DT	FORT SMITH AR	304.6	PLN	DTVPLN	-DTVP0427
21	NEW	CLARKSDALE MS	306.7	PLN	DTVPLN	-NPLN1114
21	WAPT-DT	JACKSON MS	287.0	PLN	DTVPLN	-DTVP0445
21	KFDM-DT	BEAUMONT TX	276.8	PLN	DTVPLN	-DTVP0460
21	KTXA	FORT WORTH TX	340.5	PLN	DTVPLN	-NPLN1127
22	KETK-DT	JACKSONVILLE TX	194.4	PLN	DTVPLN	-DTVP0506
24	KLTSTV	SHREVEPORT LA	56.8	PLN	DTVPLN	-NPLN1211
25	KLPATV	ALEXANDRIA LA	133.9	PLN	DTVPLN	-NPLN1246
25	KLTS-DT	SHREVEPORT LA	56.8	PLN	DTVPLN	-DTVP0604
28	KTBS-DT	SHREVEPORT LA	57.6	PLN	DTVPLN	-DTVP0712
36	KARD-DT	WEST MONROE LA	120.7	PLN	DTVPLN	-DTVP1017

Results for: 21N LA MINDEN		DTVPLN	NPLN1110	PLN
		POPULATION	AREA (sq km)	
within Noise Limited Contour	498444	16260.4		
not affected by terrain losses	497769	16212.1		
lost to NTSC IX	4151	193.0		
lost to additional IX by ATV	2172	269.4		
lost to all IX	6323	462.4		

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
21	KPXJ	MINDEN LA	BLCT	-19980915KE

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	KARD	WEST MONROE LA	134.1	LIC	BLCT	-19861204KF
17	KSLA-DT	SHREVEPORT LA	52.1	PLN	DTVPLN	-DTVP0263
19	KLTM-DT	MONROE LA	137.3	PLN	DTVPLN	-DTVP0355
19	KLTM-TV	MONROE LA	122.2	LIC	BLEDT	-20040818AAF
20	960520KE	HOT SPRINGS AR	204.3	APP	BPET	-19960520KE
20	961001KG	HOT SPRINGS AR	199.9	APP	BPET	-19961001KG
21	KHBS	FORT SMITH AR	284.9	LIC	BLCDT	-20031121AMR
21	KHBS-DT	FORT SMITH AR	285.0	PLN	DTVPLN	-DTVP0427
21	970331SD	CLARKSDALE MS	330.4	APP	BPET	-19970331SD
21	960919KK	CLARKSDALE MS	299.5	APP	BPET	-19960919KK
21	WAPT	JACKSON MS	294.0	CP	BPCDT	-19990915ATM
21	WAPT-DT	JACKSON MS	294.0	PLN	DTVPLN	-DTVP0445
21	KFDM-DT	BEAUMONT TX	295.0	PLN	DTVPLN	-DTVP0460
21	KTXA	FORT WORTH TX	336.1	LIC	BLCT	-19801231KF
22	KETK-TV	JACKSONVILLE TX	196.6	LIC	BLCDT	-20060621AAF
22	KETK-DT	JACKSONVILLE TX	196.6	PLN	DTVPLN	-DTVP0506
24	KLTS-TV	SHREVEPORT LA	51.5	LIC	BLCT	-19780803IA
25	KLTS-DT	SHREVEPORT LA	51.5	PLN	DTVPLN	-DTVP0604
28	KTBS-TV	SHREVEPORT LA	52.0	LIC	BLCDT	-20020911ABZ
28	KTBS-DT	SHREVEPORT LA	52.0	PLN	DTVPLN	-DTVP0712
36	KARD	WEST MONROE LA	134.2	CP MOD	BMPCDT	-20070125ACR
36	KARD-DT	WEST MONROE LA	134.1	PLN	DTVPLN	-DTVP1017
21	KFDM-DT	BEAUMONT TX	295.0	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
21	KPXJ	MINDEN LA	BLCDT	-20050930AAL

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
20	960520KE	HOT SPRINGS AR	223.2	APP	BPET	-19960520KE
21	KHBS	FORT SMITH AR	273.9	LIC	BLCDT	-20031121AMR
21	KHBS-DT	FORT SMITH AR	273.9	PLN	DTVPLN	-DTVP0427
21	970331SD	CLARKSDALE MS	377.0	APP	BPET	-19970331SD

KFDM-DT, Beaumont, TX, OET-69 Pre-Transition Interference Analysis (worst-case scenarios)

21	960919KK	CLARKSDALE MS	347.2	APP	BPET	-19960919KK
21	WAPT	JACKSON MS	344.2	CP	BPCDT	-19990915ATM
21	WAPT-DT	JACKSON MS	344.1	PLN	DTVPLN	-DTVP0445
21	KFDM-DT	BEAUMONT TX	283.0	PLN	DTVPLN	-DTVP0460
21	KTXA	FORT WORTH TX	284.4	LIC	BLCT	-19801231KF
22	KETK-TV	JACKSONVILLE TX	147.0	LIC	BLCDT	-20060621AAF
22	KETK-DT	JACKSONVILLE TX	147.0	PLN	DTVPLN	-DTVP0506
21	KFDM-DT	BEAUMONT TX	283.0	APP	USERRECORD-01	

Total scenarios = 16

Result key: 1
 Scenario 1 Affected station 5
 Before Analysis

Results for: 21A LA MINDEN BLCDT 20050930AAL LIC
 HAAT 502.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	931285	37212.4
not affected by terrain losses	930442	37079.8
lost to NTSC IX	5052	180.8
lost to additional IX by ATV	22611	972.5
lost to ATV IX only	25300	1101.1
lost to all IX	27663	1153.3

Potential Interfering Stations Included in above Scenario 1

21N TX FORT WORTH	BLCT	19801231KF	LIC
21A AR FORT SMITH	BLCDT	20031121AMR	LIC
21A MS JACKSON	BPCDT	19990915ATM	CP
22A TX JACKSONVILLE	BLCDT	20060621AAF	LIC
21A TX BEAUMONT	DTVPLN	DTVP0460	PLN

After Analysis

Results for: 21A LA MINDEN BLCDT 20050930AAL LIC
 HAAT 502.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	931285	37212.4
not affected by terrain losses	930442	37079.8
lost to NTSC IX	5052	180.8
lost to additional IX by ATV	21032	695.2
lost to ATV IX only	23652	815.8
lost to all IX	26084	876.1

Potential Interfering Stations Included in above Scenario 1

21N TX FORT WORTH	BLCT	19801231KF	LIC
21A AR FORT SMITH	BLCDT	20031121AMR	LIC
21A MS JACKSON	BPCDT	19990915ATM	CP
22A TX JACKSONVILLE	BLCDT	20060621AAF	LIC
21A TX BEAUMONT	USERRECORD01		APP

Percent new IX = -0.1749%

Worst case new IX -0.1749% Scenario 1

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Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
21	WHNO-TV	NEW ORLEANS LA	BPRM	-20000803AAF

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
20	WHNO	NEW ORLEANS LA	0.0	LIC	BLCT	-19941101KE
21	WMPV-TV	MOBILE AL	248.5	CP	BPCT	-20010905AAD
21	WAPT	JACKSON MS	263.4	CP	BPCDT	-19990915ATM
21	WAPT-DT	JACKSON MS	263.3	PLN	DTVPLN	-DTVP0445

KFDM-DT, Beaumont, TX, OET-69 Pre-Transition Interference Analysis (worst-case scenarios)

21	KFDM-DT	BEAUMONT TX	381.3	PLN	DTVPLN	-DTVP0460
22	WHLT	HATTIESBURG MS	181.5	CP MOD	BMPCDT	-20080619ACC
22	WHLT	HATTIESBURG MS	181.5	LIC	BLCT	-19870624KF
21	KFDMDT	BEAUMONT TX	381.3	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
21	WHNO	NEW ORLEANS LA	BLCDT	-20050413AAK

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
20	WHNO	NEW ORLEANS LA	0.0	LIC	BLCT	-19941101KE
21	WMPV-TV	MOBILE AL	248.5	CP	BPCT	-20010905AAD
21	WAPT	JACKSON MS	263.4	CP	BPCDT	-19990915ATM
21	WAPT-DT	JACKSON MS	263.3	PLN	DTVPLN	-DTVP0445
21	KFDM-DT	BEAUMONT TX	381.3	PLN	DTVPLN	-DTVP0460
22	WHLT	HATTIESBURG MS	181.5	CP MOD	BMPCDT	-20080619ACC
22	WHLT	HATTIESBURG MS	181.5	LIC	BLCT	-19870624KF
21	KFDMDT	BEAUMONT TX	381.3	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 8

DTV Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
21	WAPT-DT	JACKSON MS	DTVPLN	-DTVP0445

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
20	WMPN-DT	JACKSON MS	10.9	PLN	DTVPLN	-DTVP0405
21	WTTO	HOMESWOOD AL	352.1	PLN	DTVPLN	-NPLN1097
21	WMPVTV	MOBILE AL	320.6	PLN	DTVPLN	-NPLN1098
21	NEW	MINDEN LA	287.0	PLN	DTVPLN	-NPLN1110
21	NEW	CLARKSDALE MS	211.1	PLN	DTVPLN	-NPLN1114
21	KFDM-DT	BEAUMONT TX	423.2	PLN	DTVPLN	-DTVP0460
22	WHLT	HATTIESBURG MS	139.2	PLN	DTVPLN	-NPLN1147

Results for: 21A MS JACKSON DTVPLN DTVP0445 PLN

HAAT	359.0 m, ATV ERP	240.0 kW
	POPULATION	AREA (sq km)
within Noise Limited Contour	604759	22701.6
not affected by terrain losses	603370	22653.2
lost to NTSC IX	5606	68.6
lost to additional IX by ATV	5462	1351.3
lost to ATV IX only	5486	1359.4
lost to all IX	11068	1419.9

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
16	WAPT	JACKSON MS	DTVPLN	-NPLN0956

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	WMAWTV	MERIDIAN MS	114.0	PLN	DTVPLN	-NPLN0891
15	WXVT	GREENVILLE MS	158.1	PLN	DTVPLN	-NPLN0927
16	WCOV-DT	MONTGOMERY AL	376.5	PLN	DTVPLN	-DTVP0204
16	KLRT	LITTLE ROCK AR	346.3	PLN	DTVPLN	-NPLN0945
16	KADN-DT	LAFAYETTE LA	280.3	PLN	DTVPLN	-DTVP0222
16	WMAH-DT	BILOXI MS	212.2	PLN	DTVPLN	-DTVP0227
16	WLOV-DT	WEST POINT MS	202.7	PLN	DTVPLN	-DTVP0228
16	WMTU	JACKSON TN	405.5	PLN	DTVPLN	-NPLN0969

KFDM-DT, Beaumont, TX, OET-69 Pre-Transition Interference Analysis (worst-case scenarios)

17	WMAUTV	BUDE MS	109.5	PLN	DTVPLN	-NPLN0990
17	WXVT-DT	GREENVILLE MS	158.1	PLN	DTVPLN	-DTVP0267
18	WMAU-DT	BUDE MS	109.5	PLN	DTVPLN	-DTVP0313
20	WMPN-DT	JACKSON MS	10.9	PLN	DTVPLN	-DTVP0405
23	WMAOTV	GREENWOOD MS	124.3	PLN	DTVPLN	-NPLN1180
30	NEW	EL DORADO AR	205.8	PLN	DTVPLN	-NPLN1373
30	WGBC	MERIDIAN MS	151.2	PLN	DTVPLN	-NPLN1383
31	KLAXTV	ALEXANDRIA LA	227.0	PLN	DTVPLN	-NPLN1407
31	NEW	CLEVELAND MS	166.5	PLN	DTVPLN	-NPLN1410

Results for: 16N MS JACKSON			DTVPLN	NPLN0956	PLN
			POPULATION	AREA (sq km)	
	within Noise Limited Contour		604720	22681.4	
	not affected by terrain losses		598854	22576.5	
	lost to NTSC IX		6825	637.3	
	lost to additional IX by ATV		8180	480.0	
	lost to all IX		15005	1117.3	

Analysis of current record			
Channel	Call	City/State	Application Ref. No.
21	WAPT	JACKSON MS	BPCDT -19990915ATM

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
20	WMPN-DT	JACKSON MS	10.9	PLN	DTVPLN -DTVP0405
20	WMPN-TV	JACKSON MS	14.2	CP	BPEDT -20000113AAH
21	WTTO	HOMEWOOD AL	352.0	CP	BPCT -20041104AKN
21	WMPV-TV	MOBILE AL	320.6	CP	BPCT -20010905AAD
21	KPXJ	MINDEN LA	294.0	LIC	BLCT -19980915KE
21	KPXJ	MINDEN LA	344.2	LIC	BLCDT -20050930AAL
21	WHNO-TV	NEW ORLEANS LA	263.4	LIC	BPRM -20000803AAF
21	WHNO	NEW ORLEANS LA	263.4	LIC	BLCDT -20050413AAK
21	970331SD	CLARKSDALE MS	239.3	APP	BPET -19970331SD
21	960919KK	CLARKSDALE MS	211.1	APP	BPET -19960919KK
21	KFDM-DT	BEAUMONT TX	423.2	PLN	DTVPLN -DTVP0460
22	WHLT	HATTIESBURG MS	139.2	CP MOD	BMPCDT -20080619ACC
22	WHLT	HATTIESBURG MS	139.2	LIC	BLCT -19870624KF
21	KFDMDT	BEAUMONT TX	423.2	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 9

Analysis of current record			
Channel	Call	City/State	Application Ref. No.
21	WAPT-DT	JACKSON MS	DTVPLN -DTVP0445

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
20	WMPN-DT	JACKSON MS	10.9	PLN	DTVPLN -DTVP0405
20	WMPN-TV	JACKSON MS	14.2	CP	BPEDT -20000113AAH
21	WTTO	HOMEWOOD AL	352.1	CP	BPCT -20041104AKN
21	WMPV-TV	MOBILE AL	320.6	CP	BPCT -20010905AAD
21	KPXJ	MINDEN LA	294.0	LIC	BLCT -19980915KE
21	KPXJ	MINDEN LA	344.1	LIC	BLCDT -20050930AAL
21	WHNO-TV	NEW ORLEANS LA	263.3	LIC	BPRM -20000803AAF
21	WHNO	NEW ORLEANS LA	263.3	LIC	BLCDT -20050413AAK
21	970331SD	CLARKSDALE MS	239.4	APP	BPET -19970331SD
21	960919KK	CLARKSDALE MS	211.1	APP	BPET -19960919KK
21	KFDM-DT	BEAUMONT TX	423.2	PLN	DTVPLN -DTVP0460
22	WHLT	HATTIESBURG MS	139.2	CP MOD	BMPCDT -20080619ACC
22	WHLT	HATTIESBURG MS	139.2	LIC	BLCT -19870624KF
21	KFDMDT	BEAUMONT TX	423.2	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 10

KFDM-DT, Beaumont, TX, OET-69 Pre-Transition Interference Analysis (worst-case scenarios)

DTV Baseline Analysis

Channel	Call	City/State	Application Ref. No.
21	KXAN-DT	AUSTIN TX	DTVPLN -DTVP0459

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
20	KLRN-DT	SAN ANTONIO TX	123.5	PLN	DTVPLN -DTVP0418
20	KCTF-DT	WACO TX	144.6	PLN	DTVPLN -DTVP0421
21	KFDM-DT	BEAUMONT TX	367.5	PLN	DTVPLN -DTVP0460
21	KTXA	FORT WORTH TX	263.6	PLN	DTVPLN -NPLN1127
21	NEW	SAN ANGELO TX	294.6	PLN	DTVPLN -NPLN1128
22	KLRU-DT	AUSTIN TX	0.5	PLN	DTVPLN -DTVP0505

Results for: 21A TX AUSTIN DTVPLN DTVP0459 PLN
 HAAT 374.0 m, ATV ERP 158.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1106237	25990.6
not affected by terrain losses	1102593	25541.2
lost to NTSC IX	6280	144.4
lost to additional IX by ATV	10386	353.1
lost to ATV IX only	10386	353.1
lost to all IX	16666	497.5

NTSC Baseline Analysis

Channel	Call	City/State	Application Ref. No.
36	KXANTV	AUSTIN TX	DTVPLN -NPLN1531

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
28	KYLE	BRYAN TX	137.5	PLN	DTVPLN -NPLN1341
29	KYLE-DT	BRYAN TX	137.5	PLN	DTVPLN -DTVP0769
29	KABB	SAN ANTONIO TX	123.7	PLN	DTVPLN -NPLN1368
32	KRRT-DT	KERRVILLE TX	132.0	PLN	DTVPLN -DTVP0884
33	KVUE-DT	AUSTIN TX	0.5	PLN	DTVPLN -DTVP0918
35	KRRT	KERRVILLE TX	132.0	PLN	DTVPLN -NPLN1508
36	KHSH-DT	ALVIN TX	237.0	PLN	DTVPLN -DTVP1034
36	KDFI-DT	DALLAS TX	263.6	PLN	DTVPLN -DTVP1035
38	KVDA-DT	SAN ANTONIO TX	122.9	PLN	DTVPLN -DTVP1071
39	KWEX-DT	SAN ANTONIO TX	122.9	PLN	DTVPLN -DTVP1108
43	KEYE-DT	AUSTIN TX	0.7	PLN	DTVPLN -DTVP1244
44	KWKT	WACO TX	118.8	PLN	DTVPLN -NPLN1672
50	KCEN-DT	TEMPLE TX	118.9	PLN	DTVPLN -DTVP1463

Results for: 36N TX AUSTIN DTVPLN NPLN1531 PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	1106237	25994.6
not affected by terrain losses	1093043	24995.6
lost to NTSC IX	62456	1324.0
lost to additional IX by ATV	104	36.1
lost to all IX	62560	1360.1

Analysis of current record

Channel	Call	City/State	Application Ref. No.
21	KXAN-TV	AUSTIN TX	BLCDT -20050630AAG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
20	KLRN-DT	SAN ANTONIO TX	123.5	PLN	DTVPLN -DTVP0418
20	KWBU-TV	WACO TX	118.9	LIC	BLEDT -20060622AAS
20	KCTF-DT	WACO TX	144.6	PLN	DTVPLN -DTVP0421
21	KFDM-DT	BEAUMONT TX	367.5	PLN	DTVPLN -DTVP0460
21	KTXA	FORT WORTH TX	263.6	LIC	BLCT -19801231KF
21	960726KI	SAN ANGELO TX	294.6	APP	BPET -19960726KI
22	KLRU	AUSTIN TX	0.6	LIC	BLEDT -20040305ACK
22	KLRU-DT	AUSTIN TX	0.5	PLN	DTVPLN -DTVP0505
21	KFDM-DT	BEAUMONT TX	367.5	APP	USERRECORD-01

Proposal causes no interference

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KFDM-DT, Beaumont, TX, OET-69 Pre-Transition Interference Analysis (worst-case scenarios)

Analysis of Interference to Affected Station 11

Analysis of current record

Channel	Call	City/State	Application Ref. No.
21	KXAN-DT	AUSTIN TX	DTVPLN -DTVP0459

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
20	KLRN-DT	SAN ANTONIO TX	123.5	PLN	DTVPLN -DTVP0418
20	KWBU-TV	WACO TX	118.9	LIC	BLEDT -20060622AAS
20	KCTF-DT	WACO TX	144.6	PLN	DTVPLN -DTVP0421
21	KFDM-DT	BEAUMONT TX	367.5	PLN	DTVPLN -DTVP0460
21	KTXA	FORT WORTH TX	263.6	LIC	BLCT -19801231KF
21	960726KI	SAN ANGELO TX	294.6	APP	BPET -19960726KI
22	KLRU	AUSTIN TX	0.6	LIC	BLEDT -20040305ACK
22	KLRU-DT	AUSTIN TX	0.5	PLN	DTVPLN -DTVP0505
21	KFDM-DT	BEAUMONT TX	367.5	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 12

NTSC Baseline Analysis

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

Stations Potentially Affecting This Station

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

Results for: 21N TX FORT WORTH DTVPLN NPLN1127 PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	4059869	28101.4
not affected by terrain losses	4056896	27780.2
lost to NTSC IX	4271	36.1
lost to additional IX by ATV	2198	261.0
lost to all IX	6469	297.1

Analysis of current record

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

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
14	KERA-DT	DALLAS TX	1.9	PLN	DTVPLN -DTVP0149
18	KTXA	FORT WORTH TX	5.3	LIC	BLCDT -20001130ACY
18	KTXA-DT	FORT WORTH TX	0.0	PLN	DTVPLN -DTVP0329
18	KTXA	FORT WORTH TX	5.2	CP	BPCDT -20080616ABA
19	KTVT	FORT WORTH TX	1.9	LIC	BLCDT -20050628ABA
19	KTVT-DT	FORT WORTH TX	1.9	PLN	DTVPLN -DTVP0372
20	KXII-DT	SHERMAN TX	161.2	PLN	DTVPLN -DTVP0419
20	KWBU-TV	WACO TX	145.3	LIC	BLEDT -20060622AAS

KFDM-DT, Beaumont, TX, OET-69 Pre-Transition Interference Analysis (worst-case scenarios)

20	KCTF-DT	WACO TX	121.6	PLN	DTVPLN	-DTVP0421
21	KHBS	FORT SMITH AR	347.5	LIC	BLCDT	-20031121AMR
21	KHBS-DT	FORT SMITH AR	347.5	PLN	DTVPLN	-DTVP0427
21	KPXJ	MINDEN LA	336.1	LIC	BLCT	-19980915KE
21	KPXJ	MINDEN LA	284.4	LIC	BLCDT	-20050930AAL
21	KXAN-TV	AUSTIN TX	263.6	LIC	BLCDT	-20050630AAG
21	KXAN-DT	AUSTIN TX	263.6	PLN	DTVPLN	-DTVP0459
21	KFDM-DT	BEAUMONT TX	393.3	PLN	DTVPLN	-DTVP0460
21	960726KI	SAN ANGELO TX	352.0	APP	BPET	-19960726KI
22	KETK-TV	JACKSONVILLE TX	166.2	LIC	BLCDT	-20060621AAF
22	KETK-DT	JACKSONVILLE TX	166.2	PLN	DTVPLN	-DTVP0506
22	KAUZ-DT	WICHITA FALLS TX	206.3	PLN	DTVPLN	-DTVP0508
23	KUVN-TV	GARLAND TX	0.1	LIC	BLCT	-20030602BGW
23	KUVN-TV	GARLAND TX	0.1	CP MOD	BMPCDT	-20080618ADY
24	KUVN-DT	GARLAND TX	43.5	PLN	DTVPLN	-DTVP0586
24	KUVN-TV	GARLAND TX	0.1	LIC	BLCDT	-20030123ACI
29	KMPX	DECATUR TX	0.2	LIC	BLCT	-20050707ABJ
35	KDFW-DT	DALLAS TX	0.9	PLN	DTVPLN	-DTVP0994
36	KDFI-DT	DALLAS TX	0.0	PLN	DTVPLN	-DTVP1035
36	KDFI	DALLAS TX	5.2	CP	BPCDT	-20080723AAS
21	KFDM-DT	BEAUMONT TX	393.3	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 13

NTSC Baseline Analysis

Channel	Call	City/State	Application Ref. No.
22	KLTJ	GALVESTON TX	DTVPLN -NPLN1157

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
14	KETH	HOUSTON TX	38.5	PLN	DTVPLN -NPLN0906
15	KAMUTV	COLLEGE STATION TX	182.3	PLN	DTVPLN -NPLN0936
15	KAVU-DT	VICTORIA TX	139.3	PLN	DTVPLN -DTVP0198
19	KTXH-DT	HOUSTON TX	40.6	PLN	DTVPLN -DTVP0373
20	KTXH	HOUSTON TX	40.6	PLN	DTVPLN -NPLN1091
21	KFDM-DT	BEAUMONT TX	153.2	PLN	DTVPLN -DTVP0460
22	KLRU-DT	AUSTIN TX	272.4	PLN	DTVPLN -DTVP0505
22	KETK-DT	JACKSONVILLE TX	307.1	PLN	DTVPLN -DTVP0506
23	KLTJ-DT	GALVESTON TX	0.0	PLN	DTVPLN -DTVP0546
24	KETH-DT	HOUSTON TX	38.5	PLN	DTVPLN -DTVP0587
25	KAVUTV	VICTORIA TX	139.3	PLN	DTVPLN -NPLN1258
26	KRIV	HOUSTON TX	39.5	PLN	DTVPLN -NPLN1292
29	KVHP	LAKE CHARLES LA	194.4	PLN	DTVPLN -NPLN1358
36	KHSH-DT	ALVIN TX	39.3	PLN	DTVPLN -DTVP1034

Results for: 22N TX GALVESTON	DTVPLN	NPLN1157	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	3696126	30800.6	
not affected by terrain losses	3696126	30800.6	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	25	8.0	
lost to all IX	25	8.0	

Analysis of current record

Channel	Call	City/State	Application Ref. No.
22	KLTJ	GALVESTON TX	BLET -19940111KF

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
14	KETH-TV	HOUSTON TX	38.5	LIC	BLET -19870708KF
15	KAMU-TV	COLLEGE STATION TX	182.3	LIC	BLET -329
15	KAVU-DT	VICTORIA TX	139.3	PLN	DTVPLN -DTVP0198
19	KTXH	HOUSTON TX	39.5	CP	BPCDT -20080619AAW
19	KTXH-DT	HOUSTON TX	40.6	PLN	DTVPLN -DTVP0373
19	KTXH	HOUSTON TX	39.5	LIC	BLCDT -20020514AAE
20	KTXH	HOUSTON TX	39.5	LIC	BLCT -20011205ABO
21	KFDM-DT	BEAUMONT TX	153.2	PLN	DTVPLN -DTVP0460
22	KLRU	AUSTIN TX	272.4	LIC	BLEDT -20040305ACK

KFDM-DT, Beaumont, TX, OET-69 Pre-Transition Interference Analysis (worst-case scenarios)

22	KLRU-DT	AUSTIN TX	272.4	PLN	DTVPLN	-DTVP0505
22	KETK-TV	JACKSONVILLE TX	307.1	LIC	BLCDT	-20060621AAF
22	KETK-DT	JACKSONVILLE TX	307.1	PLN	DTVPLN	-DTVP0506
23	KLTJ-DT	GALVESTON TX	0.0	PLN	DTVPLN	-DTVP0546
23	KLTJ	GALVESTON TX	40.2	CP	BPEDT	-20080617AAD
24	KETH-TV	HOUSTON TX	40.2	LIC	BLEDT	-20031217AAM
24	KETH-DT	HOUSTON TX	38.5	PLN	DTVPLN	-DTVP0587
24	KETH-TV	HOUSTON TX	40.2	CP	BPEDT	-20080620ANS
26	KRIV	HOUSTON TX	39.5	LIC	BLCT	-19820429KK
26	KRIV	HOUSTON TX	39.5	CP MOD	BMPCDT	-20080620AKF
29	KVHP	LAKE CHARLES LA	194.4	LIC	BLCT	-19900406KL
36	KFTH-TV	ALVIN TX	40.2	LIC	BLCDT	-20050527BEM
36	KHSH-DT	ALVIN TX	39.3	PLN	DTVPLN	-DTVP1034
21	KFDMDT	BEAUMONT TX	153.2	APP	USERRECORD	-01

Proposal causes no interference

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Analysis of Interference to Affected Station 14

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
29	KVHP	LAKE CHARLES LA	DTVPLN	-NPLN1358

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
21	KFDM-DT	BEAUMONT TX	42.1	PLN	DTVPLN	-DTVP0460
22	KLTJ	GALVESTON TX	194.4	PLN	DTVPLN	-NPLN1157
28	KATC-DT	LAFAYETTE LA	119.2	PLN	DTVPLN	-DTVP0711
29	WVUE-DT	NEW ORLEANS LA	350.7	PLN	DTVPLN	-DTVP0745
29	WMPNTV	JACKSON MS	371.2	PLN	DTVPLN	-NPLN1361
29	KYLE-DT	BRYAN TX	276.5	PLN	DTVPLN	-DTVP0769
30	KVHP-DT	LAKE CHARLES LA	0.0	PLN	DTVPLN	-DTVP0789
33	KITU-DT	BEAUMONT TX	34.1	PLN	DTVPLN	-DTVP0919
44	WGMB	BATON ROUGE LA	220.7	PLN	DTVPLN	-NPLN1663

Results for: 29N LA LAKE CHARLES	DTVPLN	NPLN1358	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	609797	19657.1	
not affected by terrain losses	609739	19649.1	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	312	64.2	
lost to all IX	312	64.2	

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
29	KVHP	LAKE CHARLES LA	BLCT	-19900406KL

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
21	KFDM-DT	BEAUMONT TX	42.1	PLN	DTVPLN	-DTVP0460
22	KLTJ	GALVESTON TX	194.4	LIC	BLET	-19940111KF
28	KATC-DT	LAFAYETTE LA	119.2	PLN	DTVPLN	-DTVP0711
28	KATC	LAFAYETTE LA	123.5	CP MOD	BMPCDT	-20060906AAW
29	WVUE-DT	NEW ORLEANS LA	350.7	PLN	DTVPLN	-DTVP0745
29	WMPN-TV	JACKSON MS	367.9	CP	BPET	-20070619AAO
29	KYLE-DT	BRYAN TX	276.5	PLN	DTVPLN	-DTVP0769
30	KVHP-DT	LAKE CHARLES LA	0.0	PLN	DTVPLN	-DTVP0789
30	KVHP	LAKE CHARLES LA	0.0	CP	BPCDT	-19990714LD
33	KITU-TV	BEAUMONT TX	34.1	CP	BPEDT	-20080618ACT
33	KITU-DT	BEAUMONT TX	34.1	PLN	DTVPLN	-DTVP0919
33	KITU-TV	BEAUMONT TX	34.1	LIC	BLEDT	-20060703AAO
44	WGMB	BATON ROUGE LA	220.7	LIC	BLCT	-19910813KF
21	KFDMDT	BEAUMONT TX	42.1	APP	USERRECORD	-01

Proposal causes no interference

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Analysis of Interference to Affected Station 15

KFDM-DT, Beaumont, TX, OET-69 Pre-Transition Interference Analysis (worst-case scenarios)

DTV Baseline Analysis

Channel	Call	City/State	Application Ref. No.
21	KFDM-DT	BEAUMONT TX	DTVPLN -DTVP0460

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
20	KLTL-DT	LAKE CHARLES LA	98.0	PLN	DTVPLN -DTVP0398
20	KTXH	HOUSTON TX	160.3	PLN	DTVPLN -NPLN1091
21	NEW	MINDEN LA	276.8	PLN	DTVPLN -NPLN1110
21	WAPT-DT	JACKSON MS	423.2	PLN	DTVPLN -DTVP0445
21	KXAN-DT	AUSTIN TX	367.5	PLN	DTVPLN -DTVP0459
21	KTXA	FORT WORTH TX	393.3	PLN	DTVPLN -NPLN1127
22	KLTJ	GALVESTON TX	153.2	PLN	DTVPLN -NPLN1157

Results for: 21A TX BEAUMONT DTVPLN DTVP0460 PLN

HAAT 293.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	704455	33285.1
not affected by terrain losses	704249	33184.7
lost to NTSC IX	395	104.5
lost to additional IX by ATV	1699	221.0
lost to ATV IX only	1699	221.0
lost to all IX	2094	325.5

NTSC Baseline Analysis

Channel	Call	City/State	Application Ref. No.
06	KFDMTV	BEAUMONT TX	DTVPLN -NPLN0441

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
05	KALBT	ALEXANDRIA LA	173.5	PLN	DTVPLN -NPLN0352
05	KTFH-DT	CONROE TX	122.6	PLN	DTVPLN -DTVP0024
06	WDSU	NEW ORLEANS LA	387.4	PLN	DTVPLN -NPLN0413
06	KCENTV	TEMPLE TX	334.4	PLN	DTVPLN -NPLN0444
06	KTALTV	TEXARKANA TX	307.2	PLN	DTVPLN -NPLN0445

Results for: 6N TX BEAUMONT DTVPLN NPLN0441 PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	704455	33285.1
not affected by terrain losses	703695	33100.3
lost to NTSC IX	63684	4714.3
lost to additional IX by ATV	0	0.0
lost to all IX	63684	4714.3

Analysis of current record

Channel	Call	City/State	Application Ref. No.
21	KFDMDT	BEAUMONT TX	USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
20	KLTL-DT	LAKE CHARLES LA	98.0	PLN	DTVPLN -DTVP0398
20	KTXH	HOUSTON TX	160.9	LIC	BLCT -20011205ABO
21	KPXJ	MINDEN LA	295.0	LIC	BLCT -19980915KE
21	KPXJ	MINDEN LA	283.0	LIC	BLCDT -20050930AAL
21	WHNO-TV	NEW ORLEANS LA	381.3	LIC	BPRM -20000803AAF
21	WHNO	NEW ORLEANS LA	381.3	LIC	BLCDT -20050413AAK
21	WAPT	JACKSON MS	423.2	CP	BPCDT -19990915ATM
21	WAPT-DT	JACKSON MS	423.2	PLN	DTVPLN -DTVP0445
21	KXAN-TV	AUSTIN TX	367.5	LIC	BLCDT -20050630AAG
21	KXAN-DT	AUSTIN TX	367.5	PLN	DTVPLN -DTVP0459
21	KTXA	FORT WORTH TX	393.3	LIC	BLCT -19801231KF
22	KLTJ	GALVESTON TX	153.2	LIC	BLET -19940111KF

Total scenarios = 1

Result key:

17

Scenario 1 Affected station

15

Results for: 21A TX BEAUMONT

USERRECORD01

APP

KFDM-DT, Beaumont, TX, OET-69 Pre-Transition Interference Analysis (worst-case scenarios)

HAAT 251.0 m, ATV ERP 74.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	468758	15887.4
not affected by terrain losses	468758	15887.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	0	0.0

Potential Interfering Stations Included in above Scenario 1

FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED