

TECHNICAL EXHIBIT
DTV MAXIMIZATION APPLICATION
STATION WGNO(DT)
NEW ORLEANS, LOUISIANA
CH 26 1000 KW 309 M

Technical Narrative

This Technical Exhibit supports an application for digital television (DTV) station WGNO(DT) for its "maximized" DTV operation at New Orleans, Louisiana. This application requests a construction permit (CP) for WGNO(DT) digital television operation on channel 26 at New Orleans with a non-directional effective radiated power of 1000 kilowatts.

Proposed Facilities

Station WGNO(DT) proposes to operate DTV channel 26 from its licensed NTSC site. The antenna height above average terrain for the channel 26 DTV operation will be 309 meters. The proposed WGNO(DT) effective radiated power exceeds the Commission's *Appendix B* allocated maximum effective radiated power in some azimuthal directions for WGNO(DT).¹ Therefore, an allocation study was completed to ensure no prohibited interference would occur.

The proposed DTV transmitter site will be located at the licensed WGNO(TV) tower. Therefore, the proposed site location is:

29° 58' 57" North Latitude
89° 56' 58" West Longitude

¹ See Seventh Report And Order And Eighth Further Notice Of Proposed Rule Making in the Matter of Advanced Television Systems and their Impact Upon the Existing Television Broadcast Service, MB Docket 87-268, Released August 6, 2007; Adopted August 1, 2007.

A sketch of antenna and pertinent elevations are included as Figure 1.

Figure 2 is a map showing the proposed DTV predicted coverage contour and the associated DTV appendix B Noise-Limited coverage contour. The extent of the contours have been calculated using the normal FCC prediction method. The New Orleans city limits were derived from information contained in the 2000 U.S. Census of Population and Housing.

Population Served

The herein proposed WGNO(DT) "maximized" facility is predicted to serve 1,910,126 persons, post-transition based upon the 2000 Census. WGNO(DT)'s associated Appendix B facility is predicted to serve 1,734,000 persons. Therefore, the herein proposed WGNO(DT) facility would serve over 100% of WGNO(DT)'s Appendix B population.

Allocation Considerations

The proposed WGNO(DT) Channel 26 facility meets the requirements of Section 73.623 of the FCC Rules concerning predicted interference to other Appendix B DTV allotments. Longley-Rice interference analyses were conducted pursuant to the requirements of the FCC Rules; OET Bulletin No. 69; and published FCC guidelines for preparation of such interference analyses. The Longley-Rice interference analyses were conducted using the software developed by du Treil, Lundin & Rackley, Inc. based on the FCC published software routines.² Stations selected for analysis were determined pursuant to the

² The duTreil, Lundin & Rackley, Inc. DTV interference analysis program is based on the program and procedures outlined by the FCC in the Sixth Report and Order; subsequent Memorandum Opinion and Order; and FCC OET Bulletin No. 69. A nominal grid size resolution of 2 km was employed.

distance requirements outlined in the FCC DTV Processing Guidelines Public Notice. The results of the interference analyses for the proposed WGNO(DT) facility are summarized herein at Figure 3. As indicated therein, the proposed facility will meet the 0.5% criterion outlined in the FCC Rules and published guidelines with respect to all considered stations.³

Radiofrequency Electromagnetic Field Exposure

The proposed WGNO(DT) facilities were evaluated in terms of potential radiofrequency electromagnetic field exposure at ground level to workers and the general public. The radiation center for the proposed WGNO(DT) antenna is located 309 meters above ground level. The maximum effective radiated power is 1000 kilowatts. A "worst case" downward relative field value of 0.25 is assumed for the antenna's downward radiation. The calculated power density at a point 2 meters above ground level is 0.0142 mW/cm². This is less than 5 percent of the Commission's recommended limit of 0.36 mW/cm² for channel 26 for an "uncontrolled" environment.

Access to the transmitting site is restricted and appropriately marked with warning signs. As this is a multi-user site an agreement between the stations will control access. In the event that workers or other authorized personnel enter restricted areas or climb the tower, appropriate measures will be taken to assure worker safety with respect to radio frequency radiation exposure. Such measures include reducing the average exposure by

3 Interference analysis results reflect the net change in interference to a given station considering the interference predicted to occur from all other stations (i.e. "masking") including the allotment facility for WGNO(DT). This properly reflects the net interference change for determining compliance with the FCC 0.5% *de minimis* standard.

spreading out the work over a longer period of time, wearing "accepted" RFR protective clothing and/or RFR exposure monitors or scheduling work when the stations are at reduced power or shut down. The proposed WGNO(DT) operation appears to be otherwise categorically excluded from environmental processing.

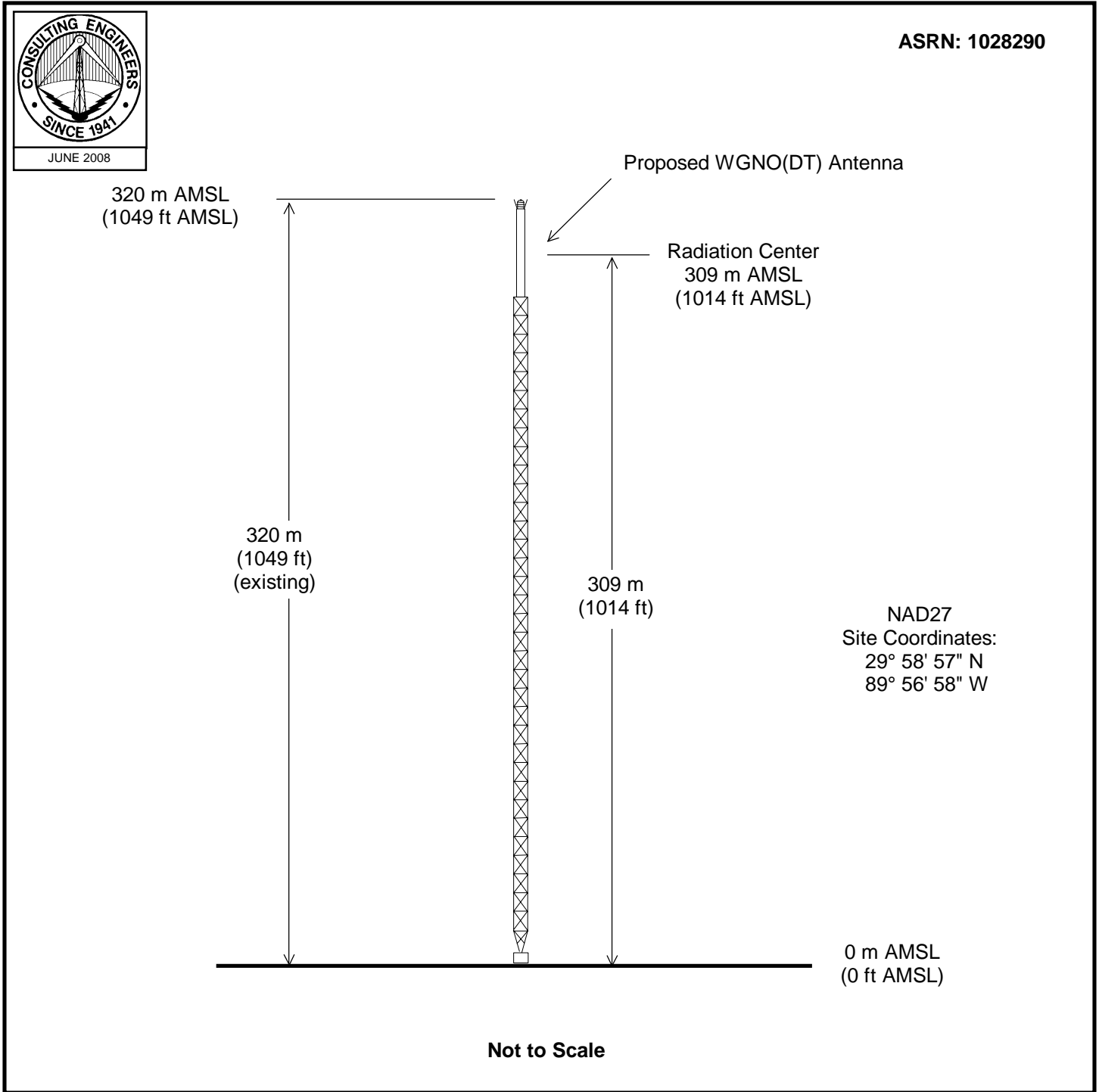
It is noted that this statement only addresses the potential for radiofrequency electromagnetic field exposure. All other aspects of the environmental processing analysis will be or already have been provided to the FCC by the tower owner.

Charles Cooper

du Treil, Lundin & Rackley, Inc.
201 Fletcher Avenue
Sarasota, Florida 30937
941.329.6000

June 17, 2008

Figure 1

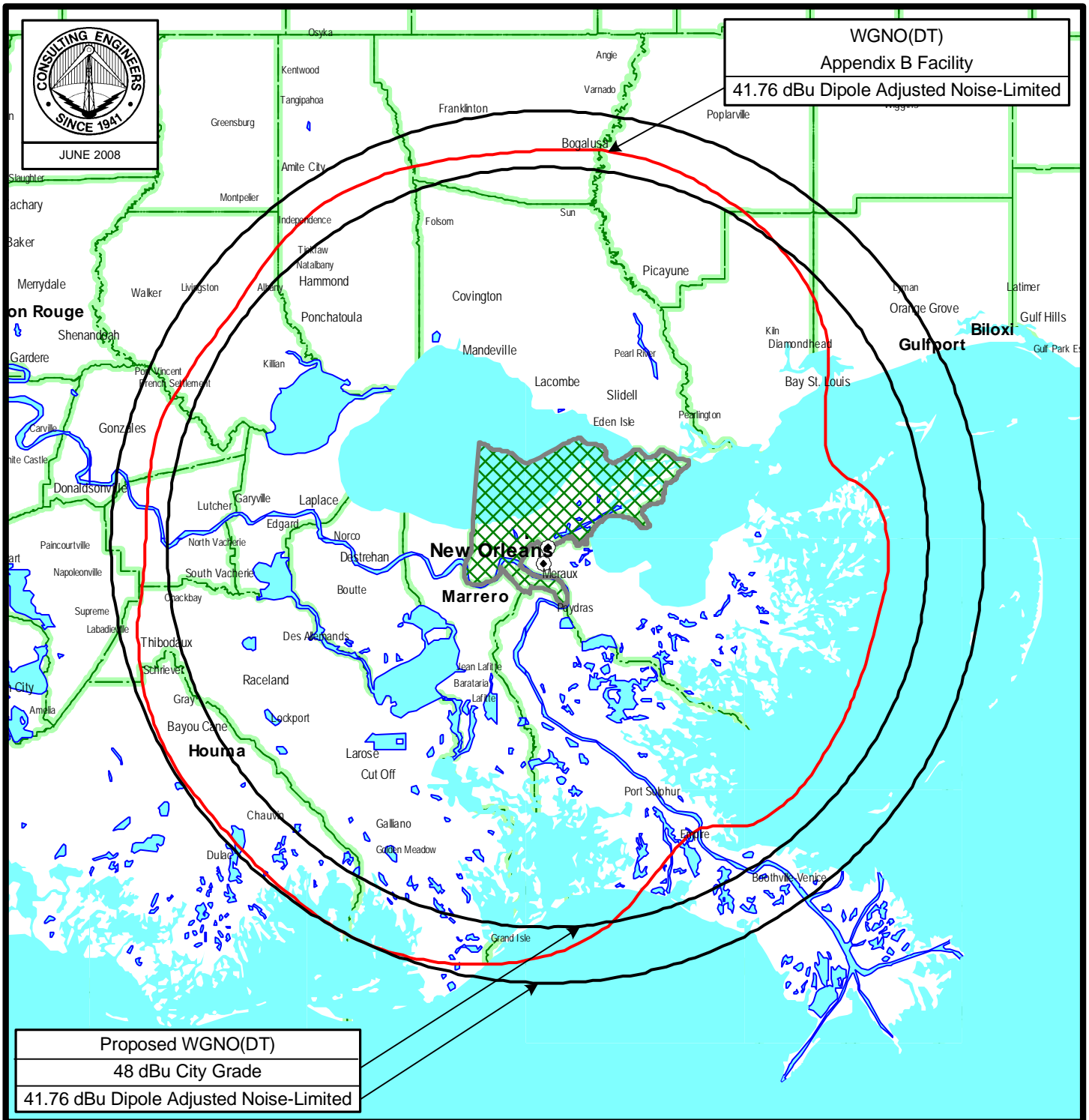


ANTENNA AND SUPPORTING STRUCTURE

DTV STATION WGNO(DT)
NEW ORLEANS, LOUISIANA
CH 26 1000 KW 309 M

du Treil, Lundin & Rackley, Inc. Sarasota, Florida

Figure 2



PREDICTED COVERAGE CONTOURS

DTV STATION WGNO(DT)
NEW ORLEANS, LOUISIANA
CH 26 1000 KW 309 M

du Treil, Lundin & Rackley, Inc Sarasota, Florida

Figure 3

TW Census data selected 2000
Post Transition Data Base Selected /export/home/cdbb/pt_tvdb.sff

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 06-10-2008 Time: 16:10:20

Record Selected for Analysis

WGNO USERRECORD-01 NEW ORLEANS LA US
Channel 26 ERP 1000. kW HAAT 309. m RCAMSL 00309 m
Latitude 029-58-57 Longitude 0089-56-58
Status APP Zone 2 Border
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	1000.000	309.0	97.9
45.0	1000.000	309.0	97.9
90.0	1000.000	309.0	97.9
135.0	1000.000	308.1	97.8
180.0	1000.000	307.6	97.7
225.0	1000.000	308.5	97.8
270.0	1000.000	309.0	97.9
315.0	1000.000	308.9	97.9

Evaluation toward Class A Stations

Station inside contour of Class A station
WBXN-CA 18 NEW ORLEANS LA BLTTA 20080222ACQ

Station inside contour of Class A station
WTNO-LP 22 NEW ORLEANS LA BSTA 20060829BGH

Station inside contour of Class A station
WTNO-LP 22 NEW ORLEANS LA BDISSTA 20060630AGU

Class A Evaluation Complete

Figure 3

SPACING VIOLATION FOUND BETWEEN STATION

WGNO 26 NEW ORLEANS LA USERRECORD01

and station

SHORT TO: WGNO 26 NEW ORLEANS LA BPCDT 20080401AWT
029-56-59 0089-57-28
Req. separation 223.7 Actual separation 3.7 Short 220.0 km

SHORT TO: WGNO 26 NEW ORLEANS LA DTVPLN DTVP0957
29 -58-57 89 -56-58
Req. separation 223.7 Actual separation 0.0 Short 223.7 km

SHORT TO: WGNO 26 NEW ORLEANS LA BLCT 20050228AAK
029-58-57 0089-56-58
Req. separation 244.6 Actual separation 0.0 Short 244.6 km

LANDMOBILE SPACING VIOLATIONS FOUND

NONE

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quiet zone

Proposed facility OK toward Table Mountain

Proposed facility is beyond the Canadian coordination distance

Proposed facility is beyond the Mexican coordination distance

Proposed station is 2.16km from AM station
NEW ORLEANS LA WTIK Status: L Antenna: DA2

Start of Interference Analysis

Channel	Call	City/State	ARN
26	WGNO	NEW ORLEANS LA	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
18	WBXN-CA	NEW ORLEANS LA	12.1	LIC	BLTTA -20080222ACQ
19	KZUP-CA	BATON ROUGE LA	133.2	LIC	BLTTA -20030528AJA
22	WTNO-LP	NEW ORLEANS LA	18.7	APP	BSTA -20060829BGH

Figure 3

22	WTNO-LP	NEW ORLEANS LA	18.7	APP	BDISTTA	-20060630AGU
25	WLPB-TV	BATON ROUGE LA	128.2	LIC	BLEDT	-20041020ADE
25	WLPB-TV	BATON ROUGE LA	128.2	PLN	DTVPLN	-DTVP0925
26	KLPA-TV	ALEXANDRIA LA	304.1	LIC	BLEDT	-20031212ABA
26	KLPA-TV	ALEXANDRIA LA	304.1	PLN	DTVPLN	-DTVP0956
27	WKRQ-TV	MOBILE AL	217.9	CP	BPCDT	-20080317AIF
27	WKRQ-TV	MOBILE AL	217.9	PLN	DTVPLN	-DTVP0985
27	WKRQ-TV	MOBILE AL	217.9	LIC	BLCDT	-20050705AAO
30	WLFT-CA	BATON ROUGE LA	115.0	LIC	BLTTA	-20070813AFZ
30	KFOL-CA	HOUMA LA	88.0	APP	BSTA	-20080411ABJ
30	KFOL-CA	HOUMA LA	88.0	APP	BPTTA	-20080411ABC
30	KFOL-CA	HOUMA LA	80.8	LIC	BLTTL	-19950329IC

Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application Ref. No.
18	WBXN-CA	NEW ORLEANS LA	BLTTA -20080222ACQ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
15	WNOL-TV	NEW ORLEANS LA	9.2	APP	BPCDT -20080205AAL
15	WNOL-TV	NEW ORLEANS LA	12.1	PLN	DTVPLN -DTVP0531
16	WMAH-TV	BILOXI MS	141.1	LIC	BLEDT -20030630AAJ
16	WMAH-TV	BILOXI MS	141.1	PLN	DTVPLN -DTVP0573
18	KLTL-TV	LAKE CHARLES LA	290.0	LIC	BLET -19810508KF
18	WMAU-TV	BUDE MS	176.7	CP	BPEDT -20000501AHS
18	WMAU-TV	BUDE MS	176.7	PLN	DTVPLN -DTVP0643
21	WHNO	NEW ORLEANS LA	2.1	LIC	BLCDT -20050413AAK
21	WHNO	NEW ORLEANS LA	2.1	PLN	DTVPLN -DTVP0766
25	WLPB-TV	BATON ROUGE LA	123.4	LIC	BLEDT -20041020ADE
25	WLPB-TV	BATON ROUGE LA	123.4	PLN	DTVPLN -DTVP0925
26	WGNO	NEW ORLEANS LA	9.2	CP	BPCDT -20080401AWT
26	WGNO	NEW ORLEANS LA	12.1	PLN	DTVPLN -DTVP0957
32	WLAE-TV	NEW ORLEANS LA	11.9	CP	BPET -20060130ANN
33	WVLA	BATON ROUGE LA	127.8	LIC	BLCT -19871224KH
26	WGNO	NEW ORLEANS LA	12.1	APP	USERRECORD-01

Proposal causes no interference

Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application Ref. No.
19	KZUP-CA	BATON ROUGE LA	BLTTA -20030528AJA

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
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Figure 3

15	WNOL-TV	NEW ORLEANS LA	133.5	APP	BPCDT	-20080205AAL
15	WNOL-TV	NEW ORLEANS LA	133.2	PLN	DTVPLN	-DTVP0531
16	KADN	LAFAYETTE LA	90.1	CP	BPCDT	-19991101AHD
16	KADN	LAFAYETTE LA	90.1	PLN	DTVPLN	-DTVP0570
17	WMAU-TV	BUDE MS	126.7	LIC	BMLET	-20030108AAO
17	WMAU-TV	BUDE MS	126.7	APP	BPET	-20080128AES
18	WMAU-TV	BUDE MS	126.7	CP	BPEDT	-20000501AHS
18	WMAU-TV	BUDE MS	126.7	PLN	DTVPLN	-DTVP0643
19	K19FR	NEW IBERIA LA	61.1	LIC	BLTT	-20060404AFT
19	WMAH-TV	BILOXI MS	228.2	LIC	BMLET	-20030103AAP
19	K55GT	BEAUMONT TX	263.7	APP	BPTTL	-20011116ABK
20	WHNO	NEW ORLEANS LA	128.6	LIC	BLCT	-19941101KE
21	WHNO	NEW ORLEANS LA	128.6	LIC	BLCDT	-20050413AAK
21	WHNO	NEW ORLEANS LA	128.6	PLN	DTVPLN	-DTVP0766
23	KLPA-TV	LAFAYETTE LA	96.5	LIC	BLEDT	-20031117ACC
23	KLPA-TV	LAFAYETTE LA	96.5	PLN	DTVPLN	-DTVP0848
26	WGNO	NEW ORLEANS LA	133.5	CP	BPCDT	-20080401AWT
26	WGNO	NEW ORLEANS LA	133.2	PLN	DTVPLN	-DTVP0957
33	WVLA	BATON ROUGE LA	0.0	LIC	BLCT	-19871224KH
34	WVLA	BATON ROUGE LA	0.0	LIC	BLCDT	-20051221AAO
34	WVLA	BATON ROUGE LA	0.0	PLN	DTVPLN	-DTVP1253
26	WGNO	NEW ORLEANS LA	133.2	APP	USERRECORD-01	

Proposed station is beyond the site to nearest cell evaluation distance

Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application Ref. No.
22	WTNO-LP	NEW ORLEANS LA	BSTA -20060829BGH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
15	WNOL-TV	NEW ORLEANS LA	18.1	APP	BPCDT -20080205AAL
15	WNOL-TV	NEW ORLEANS LA	18.7	PLN	DTVPLN -DTVP0531
21	WHNO	NEW ORLEANS LA	13.0	LIC	BLCDT -20050413AAK
21	WHNO	NEW ORLEANS LA	13.0	PLN	DTVPLN -DTVP0766
22	WHLT	HATTIESBURG MS	181.1	CP MOD	BMPEDT -20080410AAZ
22	WHLT	HATTIESBURG MS	181.1	PLN	DTVPLN -DTVP0811
22	WHLT	HATTIESBURG MS	181.1	LIC	BLCT -19870624KF
24	WUPL	SLIDELL LA	13.0	LIC	BLCDT -20040812AAA
24	WUPL	SLIDELL LA	13.0	PLN	DTVPLN -DTVP0886
25	WLPB-TV	BATON ROUGE LA	111.1	LIC	BLEDT -20041020ADE
25	WLPB-TV	BATON ROUGE LA	111.1	PLN	DTVPLN -DTVP0925
26	WGNO	NEW ORLEANS LA	18.1	CP	BPCDT -20080401AWT
26	WGNO	NEW ORLEANS LA	18.7	PLN	DTVPLN -DTVP0957
36	WWL-TV	NEW ORLEANS LA	12.6	PLN	DTVPLN -DTVP1329
36	WWL-TV	NEW ORLEANS LA	12.6	LIC	BLCDT -20020506AAK
26	WGNO	NEW ORLEANS LA	18.7	APP	USERRECORD-01

Proposal causes no interference

Figure 3

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Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application Ref. No.
22	WTNO-LP	NEW ORLEANS LA	BDISTTA -20060630AGU

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
15	WNOL-TV	NEW ORLEANS LA	18.1	APP	BPCDT -20080205AAL
15	WNOL-TV	NEW ORLEANS LA	18.7	PLN	DTVPLN -DTVP0531
21	WHNO	NEW ORLEANS LA	13.0	LIC	BLCDDT -20050413AAK
21	WHNO	NEW ORLEANS LA	13.0	PLN	DTVPLN -DTVP0766
22	WHLT	HATTIESBURG MS	181.1	CP MOD	BMPCDT -20080410AAZ
22	WHLT	HATTIESBURG MS	181.1	PLN	DTVPLN -DTVP0811
22	WHLT	HATTIESBURG MS	181.1	LIC	BLCT -19870624KF
24	WUPL	SLIDELL LA	13.0	LIC	BLCDDT -20040812AAA
24	WUPL	SLIDELL LA	13.0	PLN	DTVPLN -DTVP0886
25	WLPB-TV	BATON ROUGE LA	111.1	LIC	BLEDT -20041020ADE
25	WLPB-TV	BATON ROUGE LA	111.1	PLN	DTVPLN -DTVP0925
26	WGNO	NEW ORLEANS LA	18.1	CP	BPCDT -20080401AWT
26	WGNO	NEW ORLEANS LA	18.7	PLN	DTVPLN -DTVP0957
36	WWL-TV	NEW ORLEANS LA	12.6	PLN	DTVPLN -DTVP1329
36	WWL-TV	NEW ORLEANS LA	12.6	LIC	BLCDDT -20020506AAK
26	WGNO	NEW ORLEANS LA	18.7	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.
25	WLPB-TV	BATON ROUGE LA	BLEDT -20041020ADE

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
24	WUPL	SLIDELL LA	124.1	LIC	BLCDDT -20040812AAA
24	WUPL	SLIDELL LA	124.1	PLN	DTVPLN -DTVP0886
25	WBPB	GULF SHORES AL	345.5	CP	BPCDT -20080313AAU
25	WBPB	GULF SHORES AL	345.5	PLN	DTVPLN -DTVP0913
25	KLTS-TV	SHREVEPORT LA	363.5	LIC	BLEDT -20020826AAY
25	KLTS-TV	SHREVEPORT LA	363.5	PLN	DTVPLN -DTVP0926
25	KLTS-TV	SHREVEPORT LA	363.5	CP	BPEDT -20080314ABY
25	WMAO-TV	GREENWOOD MS	339.6	CP	BPEDT -20000501AHB
25	WMAO-TV	GREENWOOD MS	339.6	PLN	DTVPLN -DTVP0928
26	KLPA-TV	ALEXANDRIA LA	184.3	LIC	BLEDT -20031212ABA
26	KLPA-TV	ALEXANDRIA LA	184.3	PLN	DTVPLN -DTVP0956
26	WGNO	NEW ORLEANS LA	128.2	PLN	DTVPLN -DTVP0957
26	WGNO	NEW ORLEANS LA	128.2	APP	USERRECORD-01

Figure 3

Total scenarios = 2

Result key: 1

Scenario 1 Affected station 5

Before Analysis

Results for: 25A LA BATON ROUGE BLEDT 20041020ADE LIC
HAAT 295.0 m, ATV ERP 200.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	998014	19344.7
not affected by terrain losses	997795	19328.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	8	8.0
lost to ATV IX only	8	8.0
lost to all IX	8	8.0

Potential Interfering Stations Included in above Scenario 1

25A MS GREENWOOD BPEDT 20000501AHB CP

After Analysis

Results for: 25A LA BATON ROUGE BLEDT 20041020ADE LIC
HAAT 295.0 m, ATV ERP 200.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	998014	19344.7
not affected by terrain losses	997795	19328.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	379	96.2
lost to ATV IX only	379	96.2
lost to all IX	379	96.2

Potential Interfering Stations Included in above Scenario 1

25A MS GREENWOOD BPEDT 20000501AHB CP
26A LA NEW ORLEANS USERRECORD01 APP

Percent new IX = 0.0372%

Result key: 2

Scenario 2 Affected station 5

Before Analysis

Results for: 25A LA BATON ROUGE BLEDT 20041020ADE LIC
HAAT 295.0 m, ATV ERP 200.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	998014	19344.7
not affected by terrain losses	997795	19328.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	8	8.0
lost to ATV IX only	8	8.0
lost to all IX	8	8.0

Potential Interfering Stations Included in above Scenario 2

Figure 3

25A MS GREENWOOD DTVPLN DTVP0928 PLN

After Analysis

Results for: 25A LA BATON ROUGE BLEDT 20041020ADE LIC
 HAAT 295.0 m, ATV ERP 200.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	998014	19344.7
not affected by terrain losses	997795	19328.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	379	96.2
lost to ATV IX only	379	96.2
lost to all IX	379	96.2

Potential Interfering Stations Included in above Scenario 2

25A MS GREENWOOD DTVPLN DTVP0928 PLN
 26A LA NEW ORLEANS USERRECORD01 APP

Percent new IX = 0.0372%

Worst case new IX 0.0372% Scenario 1

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Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application Ref. No.
25	WLPB-TV	BATON ROUGE LA	DTVPLN -DTV0925

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
24	WUPL	SLIDELL LA	124.1	LIC	BLCDDT -20040812AAA
24	WUPL	SLIDELL LA	124.1	PLN	DTVPLN -DTV0886
25	WBPB	GULF SHORES AL	345.5	CP	BPCDDT -20080313AAU
25	WBPB	GULF SHORES AL	345.5	PLN	DTVPLN -DTV0913
25	KLTS-TV	SHREVEPORT LA	363.5	LIC	BLEDDT -20020826AAY
25	KLTS-TV	SHREVEPORT LA	363.5	PLN	DTVPLN -DTV0926
25	KLTS-TV	SHREVEPORT LA	363.5	CP	BPEDDT -20080314ABY
25	WMAO-TV	GREENWOOD MS	339.6	CP	BPEDDT -20000501AHB
25	WMAO-TV	GREENWOOD MS	339.6	PLN	DTVPLN -DTV0928
26	KLPA-TV	ALEXANDRIA LA	184.3	LIC	BLEDDT -20031212ABA
26	KLPA-TV	ALEXANDRIA LA	184.3	PLN	DTVPLN -DTV0956
26	WGNO	NEW ORLEANS LA	128.2	PLN	DTVPLN -DTV0957
26	WGNO	NEW ORLEANS LA	128.2	APP	USERRECORD-01

Total scenarios = 2

Result key: 3
 Scenario 1 Affected station 6
 Before Analysis

Figure 3

Results for: 25A LA BATON ROUGE DTVPLN DTVP0925 PLN
 HAAT 295.0 m, ATV ERP 200.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	998014	19344.7
not affected by terrain losses	997795	19328.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	8	8.0
lost to ATV IX only	8	8.0
lost to all IX	8	8.0

Potential Interfering Stations Included in above Scenario 1

25A MS GREENWOOD BPEDT 20000501AHB CP

After Analysis

Results for: 25A LA BATON ROUGE DTVPLN DTVP0925 PLN
 HAAT 295.0 m, ATV ERP 200.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	998014	19344.7
not affected by terrain losses	997795	19328.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	379	96.2
lost to ATV IX only	379	96.2
lost to all IX	379	96.2

Potential Interfering Stations Included in above Scenario 1

25A MS GREENWOOD BPEDT 20000501AHB CP
 26A LA NEW ORLEANS USERRECORD01 APP

Percent new IX = 0.0372%

Result key: 4
 Scenario 2 Affected station 6
 Before Analysis

Results for: 25A LA BATON ROUGE DTVPLN DTVP0925 PLN
 HAAT 295.0 m, ATV ERP 200.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	998014	19344.7
not affected by terrain losses	997795	19328.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	8	8.0
lost to ATV IX only	8	8.0
lost to all IX	8	8.0

Potential Interfering Stations Included in above Scenario 2

25A MS GREENWOOD DTVPLN DTVP0928 PLN

After Analysis

Results for: 25A LA BATON ROUGE DTVPLN DTVP0925 PLN
 HAAT 295.0 m, ATV ERP 200.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	998014	19344.7

Figure 3

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not affected by terrain losses    997795    19328.7
lost to NTSC IX                  0          0.0
lost to additional IX by ATV      379        96.2
lost to ATV IX only              379        96.2
lost to all IX                   379        96.2

Potential Interfering Stations Included in above Scenario    2

25A MS GREENWOOD      DTVPLN    DTVP0928    PLN
26A LA NEW ORLEANS    USERRECORD01    APP

Percent new IX =      0.0372%

Worst case new IX    0.0372% Scenario    1

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Analysis of Interference to Affected Station    7

Analysis of current record
Channel    Call    City/State    Application Ref. No.
  26      KLPA-TV    ALEXANDRIA LA    BLEDT    -20031212ABA

Stations Potentially Affecting This Station

Chan    Call    City/State    Dist(km) Status    Application Ref. No.
  25    WLPB-TV    BATON ROUGE LA    184.3    LIC    BLEDT    -20041020ADE
  25    WLPB-TV    BATON ROUGE LA    184.3    PLN    DTVPLN    -DTV0925
  25    KLTS-TV    SHREVEPORT LA    179.3    LIC    BLEDT    -20020826AAY
  25    KLTS-TV    SHREVEPORT LA    179.3    PLN    DTVPLN    -DTV0926
  25    KLTS-TV    SHREVEPORT LA    179.3    CP    BPEDT    -20080314ABY
  26    KVTH     HOT SPRINGS AR    315.4    PLN    DTVPLN    -DTV0946
  26    KVTH     HOT SPRINGS AR    315.4    CP    BPCDT    -20080331APY
  26    WGNO     NEW ORLEANS LA    304.1    PLN    DTVPLN    -DTV0957
  26    KRIV     HOUSTON TX        358.4    PLN    DTVPLN    -DTV0978
  26    KRIV     HOUSTON TX        358.4    CP    BPCDT    -20080418AAV
  27    KTVE     EL DORADO AR      170.8    LIC    BLCDT    -20070105ABH
  27    KTVE     EL DORADO AR      170.8    PLN    DTVPLN    -DTV0987
  26    WGNO     NEW ORLEANS LA    304.1    APP    USERRECORD-01

Total scenarios =    1

Result key:      5
Scenario    1    Affected station    7
Before Analysis

Results for: 26A LA ALEXANDRIA      BLEDT    20031212ABA    LIC
HAAT  413.0 m, ATV ERP    76.0 kW

      POPULATION    AREA (sq km)
within Noise Limited Contour    324825    20993.1
not affected by terrain losses    324804    20981.1
lost to NTSC IX                  0          0.0
lost to additional IX by ATV      23          4.0
lost to ATV IX only              23          4.0

```

Figure 3

```

lost to all IX                  23          4.0

Potential Interfering Stations Included in above Scenario    1

26A LA NEW ORLEANS      DTVPLN    DTVP0957    PLN

After Analysis

Results for: 26A LA ALEXANDRIA      BLEDT    20031212ABA    LIC
HAAT  413.0 m, ATV ERP    76.0 kW

      POPULATION    AREA (sq km)
within Noise Limited Contour    324825    20993.1
not affected by terrain losses    324804    20981.1
lost to NTSC IX                  0          0.0
lost to additional IX by ATV      23          4.0
lost to ATV IX only              23          4.0
lost to all IX                  23          4.0

Potential Interfering Stations Included in above Scenario    1

26A LA NEW ORLEANS      USERRECORD01    APP

Percent new IX =      0.0000%

Worst case new IX    0.0000% Scenario    1

#####

Analysis of Interference to Affected Station    8

Analysis of current record
Channel    Call    City/State    Application Ref. No.
  26      KLPA-TV    ALEXANDRIA LA    DTVPLN    -DTV0956

Stations Potentially Affecting This Station

Chan    Call    City/State    Dist(km) Status    Application Ref. No.
  25    WLPB-TV    BATON ROUGE LA    184.3    LIC    BLEDT    -20041020ADE
  25    WLPB-TV    BATON ROUGE LA    184.3    PLN    DTVPLN    -DTV0925
  25    KLTS-TV    SHREVEPORT LA    179.3    LIC    BLEDT    -20020826AAY
  25    KLTS-TV    SHREVEPORT LA    179.3    PLN    DTVPLN    -DTV0926
  25    KLTS-TV    SHREVEPORT LA    179.3    CP    BPEDT    -20080314ABY
  26    KVTH     HOT SPRINGS AR    315.4    PLN    DTVPLN    -DTV0946
  26    KVTH     HOT SPRINGS AR    315.4    CP    BPCDT    -20080331APY
  26    WGNO     NEW ORLEANS LA    304.1    PLN    DTVPLN    -DTV0957
  26    KRIV     HOUSTON TX        358.4    PLN    DTVPLN    -DTV0978
  26    KRIV     HOUSTON TX        358.4    CP    BPCDT    -20080418AAV
  27    KTVE     EL DORADO AR      170.8    LIC    BLCDT    -20070105ABH
  27    KTVE     EL DORADO AR      170.8    PLN    DTVPLN    -DTV0987
  26    WGNO     NEW ORLEANS LA    304.1    APP    USERRECORD-01

Total scenarios =    1

Result key:      6

```

Figure 3

Scenario 1 Affected station 8
Before Analysis

Results for: 26A LA ALEXANDRIA DTVPLN DTVP0956 PLN
HAAT 413.0 m, ATV ERP 76.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	324825	20993.1
not affected by terrain losses	324804	20981.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	23	4.0
lost to ATV IX only	23	4.0
lost to all IX	23	4.0

Potential Interfering Stations Included in above Scenario 1

26A LA NEW ORLEANS DTVPLN DTVP0957 PLN

After Analysis

Results for: 26A LA ALEXANDRIA DTVPLN DTVP0956 PLN
HAAT 413.0 m, ATV ERP 76.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	324825	20993.1
not affected by terrain losses	324804	20981.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	23	4.0
lost to ATV IX only	23	4.0
lost to all IX	23	4.0

Potential Interfering Stations Included in above Scenario 1

26A LA NEW ORLEANS USERRECORD01 APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

#####

Analysis of Interference to Affected Station 9

Analysis of current record

Channel	Call	City/State	Application Ref. No.
27	WKRQ-TV	MOBILE AL	BPCDT -20080317AIF

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
26	WGNO	NEW ORLEANS LA	217.9	PLN	DTVPLN -DTV0957
27	WAIQ	MONTGOMERY AL	238.0	LIC	BLEDT -20060706ACK
27	WAIQ	MONTGOMERY AL	238.0	PLN	DTVPLN -DTV0986
27	WTKL-TV	TALLAHASSEE FL	369.1	PLN	DTVPLN -DTV0993
27	WTKL-TV	TALLAHASSEE FL	369.1	CP	BPCDT -20080212AAC
28	WDAM-TV	LAUREL MS	162.5	LIC	BLCDDT -20020426ABB
28	WDAM-TV	LAUREL MS	162.5	PLN	DTVPLN -DTV1046

Figure 3

26 WGNO NEW ORLEANS LA 217.9 APP USERRECORD-01
Proposal causes no interference

#####

Analysis of Interference to Affected Station 10

Analysis of current record

Channel	Call	City/State	Application Ref. No.
27	WKRQ-TV	MOBILE AL	DTVPLN -DTV0985

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
26	WGNO	NEW ORLEANS LA	217.9	PLN	DTVPLN -DTV0957
27	WAIQ	MONTGOMERY AL	238.0	LIC	BLEDT -20060706ACK
27	WAIQ	MONTGOMERY AL	238.0	PLN	DTVPLN -DTV0986
27	WTKL-TV	TALLAHASSEE FL	369.1	PLN	DTVPLN -DTV0993
27	WTKL-TV	TALLAHASSEE FL	369.1	CP	BPCDT -20080212AAC
28	WDAM-TV	LAUREL MS	162.5	LIC	BLCDDT -20020426ABB
28	WDAM-TV	LAUREL MS	162.5	PLN	DTVPLN -DTV1046
26	WGNO	NEW ORLEANS LA	217.9	APP	USERRECORD-01

Proposal causes no interference

#####

Analysis of Interference to Affected Station 11

Analysis of current record

Channel	Call	City/State	Application Ref. No.
27	WKRQ-TV	MOBILE AL	BLCDDT -20050705AAO

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
26	WGNO	NEW ORLEANS LA	217.9	PLN	DTVPLN -DTV0957
27	WAIQ	MONTGOMERY AL	238.0	LIC	BLEDT -20060706ACK
27	WAIQ	MONTGOMERY AL	238.0	PLN	DTVPLN -DTV0986
27	WTKL-TV	TALLAHASSEE FL	369.1	PLN	DTVPLN -DTV0993
27	WTKL-TV	TALLAHASSEE FL	369.1	CP	BPCDT -20080212AAC
28	WDAM-TV	LAUREL MS	162.5	LIC	BLCDDT -20020426ABB
28	WDAM-TV	LAUREL MS	162.5	PLN	DTVPLN -DTV1046
26	WGNO	NEW ORLEANS LA	217.9	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 12

Analysis of current record

Channel	Call	City/State	Application Ref. No.
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Figure 3

30	WLFT-CA	BATON ROUGE LA	BLTTA	-20070813AFZ
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Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
23	KLPB-TV	LAFAYETTE LA	118.0	LIC	BLEDT -20031117ACC
23	KLPB-TV	LAFAYETTE LA	118.0	PLN	DTVPLN -DTVP0848
26	WGNO	NEW ORLEANS LA	115.8	CP	BPCDT -20080401AWT
26	WGNO	NEW ORLEANS LA	115.0	PLN	DTVPLN -DTVP0957
27	WLPB-TV	BATON ROUGE LA	14.4	LIC	BLET -19910401KE
28	KATC	LAFAYETTE LA	118.7	CP MOD	BMPCDT -20060906AAW
28	KATC	LAFAYETTE LA	118.7	PLN	DTVPLN -DTVP1039
30	960920KK	EL DORADO AR	295.9	APP	BPET -19960920KK
30	970331LG	EL DORADO AR	357.1	APP	BPET -19970331LG
30	KFOL-CA	HOUMA LA	92.6	APP	BSTA -20080411ABJ
30	KFOL-CA	HOUMA LA	92.6	APP	BPTTA -20080411ABC
30	KFOL-CA	HOUMA LA	88.6	LIC	BLTTL -19950329IC
30	KVHP	LAKE CHARLES LA	242.1	CP	BPCDT -19990714LD
30	KVHP	LAKE CHARLES LA	242.1	PLN	DTVPLN -DTVP1109
30	W30ID	NEW ORLEANS LA	111.4	CP	BPTTL -20050622AAX
30	WGBC	MERIDIAN MS	311.9	LIC	BLCT -19910923KF
30	W30CC	NATCHEZ MS	122.0	CP	BPTTL -20070706ACK
31	WLAE-TV	NEW ORLEANS LA	114.7	CP MOD	BMPEDT -20080312ACH
31	WLAE-TV	NEW ORLEANS LA	114.7	PLN	DTVPLN -DTVP1145
32	WLAE-TV	NEW ORLEANS LA	114.7	CP	BPET -20060130ANN
33	WVLA	BATON ROUGE LA	22.1	LIC	BLCT -19871224KH
34	WVLA	BATON ROUGE LA	22.2	LIC	BLCDT -20051221A00
34	WVLA	BATON ROUGE LA	22.2	PLN	DTVPLN -DTVP1253
44	WGMB	BATON ROUGE LA	22.1	LIC	BLCT -19910813KF
45	WGMB	BATON ROUGE LA	22.1	LIC	BLCDT -20060103ACW
45	WGMB	BATON ROUGE LA	22.1	PLN	DTVPLN -DTVP1615
26	WGNO	NEW ORLEANS LA	115.0	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 13

Analysis of current record				
Channel	Call	City/State	Application Ref. No.	
30	KFOL-CA	HOUMA LA	BSTA	-20080411ABJ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
26	WGNO	NEW ORLEANS LA	85.5	CP	BPCDT -20080401AWT
26	WGNO	NEW ORLEANS LA	88.0	PLN	DTVPLN -DTVP0957
30	960920KK	EL DORADO AR	388.1	APP	BPET -19960920KK
30	WLFT-CA	BATON ROUGE LA	92.6	LIC	BLTTA -20070813AFZ
30	KVHP	LAKE CHARLES LA	283.7	CP	BPCDT -19990714LD
30	KVHP	LAKE CHARLES LA	283.7	PLN	DTVPLN -DTVP1109
30	W30ID	NEW ORLEANS LA	78.3	CP	BPTTL -20050622AAX
30	WGBC	MERIDIAN MS	361.5	LIC	BLCT -19910923KF

Figure 3

31	WLAE-TV	NEW ORLEANS LA	87.7	CP MOD	BMPEDT	-20080312ACH
31	WLAE-TV	NEW ORLEANS LA	87.7	PLN	DTVPLN	-DTVP1145
34	WVLA	BATON ROUGE LA	96.4	LIC	BLCDT	-20051221A00
34	WVLA	BATON ROUGE LA	96.4	PLN	DTVPLN	-DTVP1253
44	WGMB	BATON ROUGE LA	96.4	LIC	BLCT	-19910813KF
45	WGMB	BATON ROUGE LA	96.4	LIC	BLCDT	-20060103ACW
45	WGMB	BATON ROUGE LA	96.4	PLN	DTVPLN	-DTVP1615
26	WGNO	NEW ORLEANS LA	88.0	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 14

Analysis of current record				
Channel	Call	City/State	Application Ref. No.	
30	KFOL-CA	HOUMA LA	BPTTA	-20080411ABC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
26	WGNO	NEW ORLEANS LA	85.5	CP	BPCDT -20080401AWT
26	WGNO	NEW ORLEANS LA	88.0	PLN	DTVPLN -DTVP0957
30	960920KK	EL DORADO AR	388.1	APP	BPET -19960920KK
30	WLFT-CA	BATON ROUGE LA	92.6	LIC	BLTTA -20070813AFZ
30	KVHP	LAKE CHARLES LA	283.7	CP	BPCDT -19990714LD
30	KVHP	LAKE CHARLES LA	283.7	PLN	DTVPLN -DTVP1109
30	W30ID	NEW ORLEANS LA	78.3	CP	BPTTL -20050622AAX
30	WGBC	MERIDIAN MS	361.5	LIC	BLCT -19910923KF
31	WLAE-TV	NEW ORLEANS LA	87.7	CP MOD	BMPEDT -20080312ACH
31	WLAE-TV	NEW ORLEANS LA	87.7	PLN	DTVPLN -DTVP1145
34	WVLA	BATON ROUGE LA	96.4	LIC	BLCDT -20051221A00
34	WVLA	BATON ROUGE LA	96.4	PLN	DTVPLN -DTVP1253
44	WGMB	BATON ROUGE LA	96.4	LIC	BLCT -19910813KF
45	WGMB	BATON ROUGE LA	96.4	LIC	BLCDT -20060103ACW
45	WGMB	BATON ROUGE LA	96.4	PLN	DTVPLN -DTVP1615
26	WGNO	NEW ORLEANS LA	88.0	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 15

Analysis of current record				
Channel	Call	City/State	Application Ref. No.	
30	KFOL-CA	HOUMA LA	BLTTL	-19950329IC

Stations Potentially Affecting This Station

Figure 3

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
26	WGNO	NEW ORLEANS LA	78.4	CP	BPCDT -20080401AWT
26	WGNO	NEW ORLEANS LA	80.8	PLN	DTVPLN -DTP0957
30	960920KK	EL DORADO AR	384.5	APP	BPET -19960920KK
30	WLFT-CA	BATON ROUGE LA	88.6	LIC	BLTTA -20070813AFZ
30	KVHP	LAKE CHARLES LA	286.7	CP	BPCDT -19990714LD
30	KVHP	LAKE CHARLES LA	286.7	PLN	DTVPLN -DTP1109
30	W30ID	NEW ORLEANS LA	71.2	CP	BPTTL -20050622AAX
30	WGBC	MERIDIAN MS	353.8	LIC	BLCT -19910923KF
31	WLAE-TV	NEW ORLEANS LA	80.5	CP MOD	BMPEDT -20080312ACH
31	WLAE-TV	NEW ORLEANS LA	80.5	PLN	DTVPLN -DTP1145
34	WVLA	BATON ROUGE LA	94.0	LIC	BLCDT -20051221A00
34	WVLA	BATON ROUGE LA	94.0	PLN	DTVPLN -DTP1253
44	WGMB	BATON ROUGE LA	94.1	LIC	BLCT -19910813KF
45	WGMB	BATON ROUGE LA	94.1	LIC	BLCDT -20060103ACW
45	WGMB	BATON ROUGE LA	94.1	PLN	DTVPLN -DTP1615
26	WGNO	NEW ORLEANS LA	80.8	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 16

Analysis of current record

Channel	Call	City/State	Application Ref. No.
26	WGNO	NEW ORLEANS LA	USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
25	WLPB-TV	BATON ROUGE LA	128.2	LIC	BLEDT -20041020ADE
25	WLPB-TV	BATON ROUGE LA	128.2	PLN	DTVPLN -DTP0925
26	KLPA-TV	ALEXANDRIA LA	304.1	LIC	BLEDT -20031212ABA
26	KLPA-TV	ALEXANDRIA LA	304.1	PLN	DTVPLN -DTP0956
27	WKRQ-TV	MOBILE AL	217.9	CP	BPCDT -20080317AIF
27	WKRQ-TV	MOBILE AL	217.9	PLN	DTVPLN -DTP0985
27	WKRQ-TV	MOBILE AL	217.9	LIC	BLCDT -20050705AAO

Total scenarios = 2

Result key: 7

Scenario 1 Affected station 16
Before Analysis

Results for: 26A LA NEW ORLEANS USERRECORD01 APP
HAAT 309.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1910586	31453.3
not affected by terrain losses	1910586	31449.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	460	32.2
lost to ATV IX only	460	32.2

Figure 3

lost to all IX 460 32.2

Potential Interfering Stations Included in above Scenario 1

25A LA BATON ROUGE BLEDT 20041020ADE LIC

Result key: 8

Scenario 2 Affected station 16
Before Analysis

Results for: 26A LA NEW ORLEANS USERRECORD01 APP

HAAT 309.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1910586	31453.3
not affected by terrain losses	1910586	31449.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	460	32.2
lost to ATV IX only	460	32.2
lost to all IX	460	32.2

Potential Interfering Stations Included in above Scenario 2

25A LA BATON ROUGE DTVPLN DTP0925 PLN

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FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED