

Allocation Study

KAGN

Channel 31 Crowley, LA

Percent allowed new interference: 0.500
Percent allowed new interference to non Class A LPTV: 2.000
Census data selected 2000
Data Base Selected
../DTV_Data_Files/pt_tvdb.sff
TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 08-19-2013 Time: 09:43:54

Record Selected for Analysis

KAGN USERRECORD-01 CROWLEY LA US
Channel 31 ERP 15. kW HAAT 152. m RCAMSL 00161 m STRINGENT MASK
Latitude 030-19-20 Longitude 0092-22-40
Status APP Zone 3 Border Site number: 01
Dir Antenna Make CDB Model 00000000020384 Beam tilt N Ref Azimuth 135.
Last update Cutoff date Docket
Comments
Applicant

Cell Size for Service Analysis 1.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Facility (site # 01) meets maximum height/power limits

Site number	1		
Azimuth	ERP	HAAT	51.0 dBu F(50,90)
(Deg)	(kW)	(m)	(km)
0.0	2.522	150.0	37.6
45.0	13.537	149.5	46.2
90.0	13.113	152.1	46.2
135.0	15.000	153.0	46.9
180.0	13.113	154.7	46.4
225.0	13.537	155.3	46.6
270.0	2.522	152.9	37.8
315.0	0.794	150.9	31.7

Contour Overlap to Proposed Station

Station
KLAX-TV 31 ALEXANDRIA LA BLCDT20090622AGN causes

Contour overlap to Digital LPTV station
KAGN 31 CROWLEY LA USERRECORD01

Station
KAGN-LP 31 CROWLEY LA BLTTA20030911ABS

Station inside contour of Digital LPTV station
KAGN 31 CROWLEY LA USERRECORD01

Contour Overlap Evaluation to Proposed Station Complete

NO LANDMOBILE SPACING VIOLATIONS FOUND

Checks to Site Number 01

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 OK toward AM broadcast stations

Start of Interference Analysis

Proposed Station			
Channel	Call	City/State	ARN
31	KAGN	CROWLEY LA	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
27	KWCE-LP	ALEXANDRIA LA	109.4	LIC	BLTTTL	-20060714ACI
30	WLFT-CD	BATON ROUGE LA	127.1	LIC	BLDTA	-20110912ACB
30	KFOL-CD	HOUMA LA	180.5	CP MOD	BMPDTA	-20090526AEG
30	KFOL-CD	HOUMA LA	180.5	LIC	BLDTA	-20100111AGW
30	KVHP	LAKE CHARLES LA	115.1	LIC	BLCDT	-20090127AAE
30	W30CC	NATCHEZ MS	169.1	LIC	BLTTTL	-20060103ABY
31	KLAX-TV	ALEXANDRIA LA	139.1	LIC	BLCDT	-20090622AGN
31	W31DQ-D	LAKE CHARLES LA	84.0	CP	BNPDTL	-20100407ABN
31	WLAE-TV	NEW ORLEANS LA	236.1	LIC	BLEDT	-20090205AAL
31	K31HO-D	SHREVEPORT LA	299.3	LIC	BLDTL	-20120831AAD
31	W31EA-D	VINTON LA	119.9	CP	BNPDTL	-20100407AAU
31	KJIB-LP	HOUSTON TX	313.0	CP	BDISDTL	-20090303AAK
31	KFXK-TV	LONGVIEW TX	325.7	LIC	BLCDT	-20060705AAW
32	W32EC-D	IOWA LA	55.0	CP	BNPDTL	-20100407ABY
32	KXKW-LD	LAFAYETTE LA	39.9	LIC	BLDTT	-20090318AAS
32	KXKW-LD	LAFAYETTE LA	39.9	CP	BPDTL	-20110830ABR
32	W32EB-D	SULPHUR LA	104.2	CP	BNPDTL	-20100407AAZ
32	K32KD-D	WOODVILLE TX	199.5	CP	BNPDTL	-20100310AAS
39	WBXH-CA	BATON ROUGE LA	115.5	LIC	BLTTA	-20100204ACU
39	K39JV	OPELOUSAS LA	39.4	LIC	BLTT	-20071011ABI

[illegible]

Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
27	KWCE-LP	ALEXANDRIA LA	BLTTL	-20060714ACI

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
20	KLTL-TV	LAKE CHARLES LA	116.2	LIC	BLEDT	-20100216ABR
23	KLPB-TV	LAFAYETTE LA	110.1	LIC	BLEDT	-20031117ACC
23	KLPB-TV	LAFAYETTE LA	110.1	CP MOD	BMPEDT	-20120117ADJ
26	KLPA-TV	ALEXANDRIA LA	31.9	LIC	BLEDT	-20100811AAY
27	KTVE	EL DORADO AR	197.6	LIC	BLCDT	-20070105ABH
27	KNYS-LD	NATCHITOCHES LA	84.3	LIC	BLDTL	-20120203AAD
28	KATC	LAFAYETTE LA	109.8	LIC	BLCDT	-20071109AAV
31	KLAX-TV	ALEXANDRIA LA	31.9	LIC	BLCDT	-20090622AGN
35	KALB-TV	ALEXANDRIA LA	31.2	LIC	BLCDT	-20090924AAC
41	KBCA	ALEXANDRIA LA	49.4	LIC	BLCDT	-20090618AAN
31	KAGN	CROWLEY LA	109.4	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
30	WLFT-CD	BATON ROUGE LA	BLDTA	-20110912ACB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
29	WVUE-DT	NEW ORLEANS LA	116.3	LIC	BLCDT	-20110502AEC
30	KFOL-CD	HOUMA LA	92.7	CP MOD	BMPDTA	-20090526AEG
30	KFOL-CD	HOUMA LA	92.7	LIC	BLDTA	-20100111AGW
30	KVHP	LAKE CHARLES LA	242.1	LIC	BLCDT	-20090127AAE
30	WLBT	JACKSON MS	213.5	LIC	BLCDT	-20100119AEE
30	W30CC	NATCHEZ MS	137.6	LIC	BLTTL	-20060103ABY
31	WLAE-TV	NEW ORLEANS LA	114.7	LIC	BLEDT	-20090205AAL
31	KAGN	CROWLEY LA	127.1	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
30	KFOL-CD	HOUMA LA	BMPDTA	-20090526AEG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
29	WVUE-DT	NEW ORLEANS LA	81.6	LIC	BLCDT	-20110502AEC
30	WLFT-CD	BATON ROUGE LA	92.7	LIC	BLDTA	-20110912ACB
30	KVHP	LAKE CHARLES LA	287.7	LIC	BLCDT	-20090127AAE
30	WLBT	JACKSON MS	291.3	LIC	BLCDT	-20100119AEE
30	W30CC	NATCHEZ MS	229.6	LIC	BLTTL	-20060103ABY
31	WLAE-TV	NEW ORLEANS LA	82.9	LIC	BLEDT	-20090205AAL
31	KAGN	CROWLEY LA	180.5	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
30	KFOL-CD	HOUMA LA	BLDTA	-20100111AGW

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
29	WVUE-DT	NEW ORLEANS LA	81.6	LIC	BLCDT	-20110502AEC
30	WLFT-CD	BATON ROUGE LA	92.7	LIC	BLDTA	-20110912ACB
30	KVHP	LAKE CHARLES LA	287.7	LIC	BLCDT	-20090127AAE
30	WLBT	JACKSON MS	291.3	LIC	BLCDT	-20100119AEE
30	W30CC	NATCHEZ MS	229.6	LIC	BLTTL	-20060103ABY
31	WLAE-TV	NEW ORLEANS LA	82.9	LIC	BLEDT	-20090205AAL
31	KAGN	CROWLEY LA	180.5	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application Ref. No.
30	KVHP	LAKE CHARLES LA	BLCDT -20090127AAE

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
30	WLBT	JACKSON MS	371.2	LIC	BLCDT -20100119AEE
30	KMPX	DECATUR TX	410.7	LIC	BLCDT -20060317AGE
31	KLAX-TV	ALEXANDRIA LA	172.2	LIC	BLCDT -20090622AGN
31	KAGN	CROWLEY LA	115.1	APP	USERRECORD-01

Total scenarios = 1

Result key: 1
Scenario 1 Affected station 5
Before Analysis

Results for: 30A LA LAKE CHARLES BLCDT 20090127AAE LIC
HAAT 315.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	730685	25794.0
not affected by terrain losses	730366	25744.0
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

After Analysis

Results for: 30A LA LAKE CHARLES BLCDT 20090127AAE LIC
HAAT 315.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	730685	25794.0
not affected by terrain losses	730366	25744.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2110	75.0
lost to ATV IX only	2110	75.0
lost to all IX	2110	75.0

Potential Interfering Stations Included in above Scenario 1

31A LA CROWLEY USERRECORD01 APP

Percent new IX = 0.2889%

Worst case new IX 0.2889% Scenario 1

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Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application Ref. No.
30	W30CC	NATCHEZ MS	BLTTL -20060103ABY

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
23	WWJX	JACKSON MS	111.9	LIC	BLCDT -20110824ABD
26	KLPA-TV	ALEXANDRIA LA	109.8	LIC	BLEDT -20100811AAY
30	KLRT-TV	LITTLE ROCK AR	371.7	LIC	BLCDT -20020507AAK
30	KVHP	LAKE CHARLES LA	253.4	LIC	BLCDT -20090127AAE
30	WLBT	JACKSON MS	117.9	LIC	BLCDT -20100119AEE
31	KLAX-TV	ALEXANDRIA LA	110.0	LIC	BLCDT -20090622AGN
34	WVLA-TV	BATON ROUGE LA	140.3	LIC	BLCDT -20051221AOO
38	KMCT-TV	WEST MONROE LA	124.9	LIC	BMLCDT -20090915ADF
45	WGMB-TV	BATON ROUGE LA	140.3	LIC	BLCDT -20060103ACW
31	KAGN	CROWLEY LA	169.1	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
31	KLAX-TV	ALEXANDRIA LA	BLCDT	-20090622AGN

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
30	KVHP	LAKE CHARLES LA	172.2	LIC	BLCDT	-20090127AAE
30	WLBT	JACKSON MS	216.9	LIC	BLCDT	-20100119AEE
31	WLAE-TV	NEW ORLEANS LA	304.1	LIC	BLEDT	-20090205AAL
31	WGBC	MERIDIAN MS	373.6	LIC	BLCDT	-20071024AAK
31	KFXK-TV	LONGVIEW TX	239.3	LIC	BLCDT	-20060705AAW
31	KAGN	CROWLEY LA	139.1	APP	USERRECORD-01	

Total scenarios = 1

Result key: 2
Scenario 1 Affected station 7
Before Analysis

Results for: 31A LA ALEXANDRIA BLCDT 20090622AGN LIC
HAAT 333.0 m, ATV ERP 200.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	359052	24146.9
not affected by terrain losses	358738	24126.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1994	68.2
lost to ATV IX only	1994	68.2
lost to all IX	1994	68.2

Potential Interfering Stations Included in above Scenario 1

31A TX LONGVIEW BLCDT 20060705AAW LIC

After Analysis

Results for: 31A LA ALEXANDRIA BLCDT 20090622AGN LIC
HAAT 333.0 m, ATV ERP 200.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	359052	24146.9
not affected by terrain losses	358738	24126.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	3162	164.0
lost to ATV IX only	3162	164.0
lost to all IX	3162	164.0

Potential Interfering Stations Included in above Scenario 1

31A TX LONGVIEW	BLCDT	20060705AAW	LIC
31A LA CROWLEY	USERRECORD01		APP

Percent new IX = 0.3274%

Worst case new IX 0.3274% Scenario 1

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Analysis of Interference to Affected Station 8

Analysis of current record

Channel	Call	City/State	Application Ref. No.
31	W31DQ-D	LAKE CHARLES LA	BNPDTL -20100407ABN

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
30	KVHP	LAKE CHARLES LA	31.7	LIC	BLCDT -20090127AAE
31	KLAX-TV	ALEXANDRIA LA	160.6	LIC	BLCDT -20090622AGN
31	KAGN-LP	CROWLEY LA	84.0	LIC	BLTTA -20030911ABS
31	WLAE-TV	NEW ORLEANS LA	318.3	LIC	BLEDT -20090205AAL
31	W31EA-D	VINTON LA	36.2	CP	BNPDTL -20100407AAU
31	KJIB-LP	HOUSTON TX	230.6	CP	BDISDTL -20090303AAK
31	KFXK-TV	LONGVIEW TX	275.7	LIC	BLCDT -20060705AAW
32	W32EC-D	IOWA LA	29.2	CP	BNPDTL -20100407ABY
32	W32EB-D	SULPHUR LA	20.3	CP	BNPDTL -20100407AAZ
31	KAGN	CROWLEY LA	84.0	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.
31	WLAE-TV	NEW ORLEANS LA	BLEDT	-20090205AAL

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
31	WNCF	MONTGOMERY AL	386.2	LIC	BLCDT	-20121004AAI
31	WSRE	PENSACOLA FL	235.6	LIC	BLEDT	-20060621AAS
31	KLAX-TV	ALEXANDRIA LA	304.1	LIC	BLCDT	-20090622AGN
31	WGBC	MERIDIAN MS	286.9	LIC	BLCDT	-20071024AAK
31	KAGN	CROWLEY LA	236.1	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 10

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
31	K31HO-D	SHREVEPORT LA	BLDTL	-20120831AAD

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
30	K30EA	TEXARKANA TX	46.2	CP	BDFCDTL	-20120221AAD
31	KLAX-TV	ALEXANDRIA LA	178.7	LIC	BLCDT	-20090622AGN
31	KOET	EUFAULA OK	308.4	LIC	BLEDT	-20060601BJT
31	KFXK-TV	LONGVIEW TX	105.6	LIC	BLCDT	-20060705AAW
31	KAGN	CROWLEY LA	299.3	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 11

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
31	W31EA-D	VINTON LA	BNPDTL	-20100407AAU

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
30	KVHP	LAKE CHARLES LA	14.5	LIC	BLCDT	-20090127AAE
31	KLAX-TV	ALEXANDRIA LA	185.8	LIC	BLCDT	-20090622AGN
31	KAGN-LP	CROWLEY LA	119.9	LIC	BLTTA	-20030911ABS
31	W31DQ-D	LAKE CHARLES LA	36.2	CP	BNPDTL	-20100407ABN
31	WLAE-TV	NEW ORLEANS LA	352.6	LIC	BLEDT	-20090205AAL
31	KJIB-LP	HOUSTON TX	194.4	CP	BDISDTL	-20090303AAK
31	KFXK-TV	LONGVIEW TX	265.4	LIC	BLCDT	-20060705AAW
32	W32EB-D	SULPHUR LA	17.5	CP	BNPDTL	-20100407AAZ
31	KAGN	CROWLEY LA	119.9	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.
31	KJIB-LP	HOUSTON TX	BDISDTL -20090303AAK

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
30	KCVH-LD	HOUSTON TX	1.0	LIC	BLDTL -20120607ACN
30	KCVH-LD	HOUSTON TX	1.0	CP	BPDTL -20120611AAE
31	KLAX-TV	ALEXANDRIA LA	359.7	LIC	BLCDT -20090622AGN
31	KFXK-TV	LONGVIEW TX	303.6	LIC	BLCDT -20060705AAW
31	KVHM-LP	VICTORIA TX	168.8	LIC	BLTTL -19980616JF
32	KPXB-TV	CONROE TX	0.0	LIC	BLCDT -20090612AHP
31	KAGN	CROWLEY LA	313.0	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 13

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
31	KFXK-TV	LONGVIEW TX	BLCDDT	-20060705AAW

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
30	KMPX	DECATUR TX	192.8	LIC	BLCDDT	-20060317AGE
31	KLAX-TV	ALEXANDRIA LA	239.3	LIC	BLCDDT	-20090622AGN
31	KOET	EUFAULA OK	327.0	LIC	BLEDT	-20060601BJT
32	KDAF	DALLAS TX	191.1	LIC	BLCDDT	-20010606ABJ
32	KDAF	DALLAS TX	191.1	CP	BPCDDT	-20080620AET
31	KAGN	CROWLEY LA	325.7	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 14

Analysis of current record

Channel	Call	City/State	Application Ref. No.
32	W32EC-D	IOWA LA	BNPDTL -20100407ABY

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
31	W31DQ-D	LAKE CHARLES LA	29.2	CP	BNPDTL -20100407ABN
32	KXKW-LD	LAFAYETTE LA	94.8	LIC	BLDTT -20090318AAS
32	KXKW-LD	LAFAYETTE LA	94.8	CP	BPDTL -20110830ABR
32	W32EB-D	SULPHUR LA	49.5	CP	BNPDTL -20100407AAZ
32	KPXB-TV	CONROE TX	258.5	LIC	BLCDT -20090612AHP
32	K32KD-D	WOODVILLE TX	150.5	CP	BNPDTL -20100310AAS
33	KITU-TV	BEAUMONT TX	92.8	LIC	BLEDT -20110415ABG
31	KAGN	CROWLEY LA	55.0	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 15

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
32	KXKW-LD	LAFAYETTE LA	BLDTT	-20090318AAS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
31	KAGN-LP	CROWLEY LA	39.9	LIC	BLTTA	-20030911ABS
32	W32EC-D	IOWA LA	94.8	CP	BNPDTL	-20100407ABY
32	W32EB-D	SULPHUR LA	144.1	CP	BNPDTL	-20100407AAZ
32	WABG-TV	GREENWOOD MS	362.6	LIC	BLCDT	-20051024ABR
32	KPXB-TV	CONROE TX	352.2	LIC	BLCDT	-20090612AHP
31	KAGN	CROWLEY LA	39.9	APP	USERRECORD-01	

Total scenarios = 1

Result key: 3
Scenario 1 Affected station 15
Before Analysis

Results for: 32A LA LAFAYETTE BLDTT 20090318AAS LIC
HAAT 288.0 m, ATV ERP 8.3 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	488913	7493.4
not affected by terrain losses	488913	7493.4
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

After Analysis

Results for: 32A LA LAFAYETTE BLDTT 20090318AAS LIC
HAAT 288.0 m, ATV ERP 8.3 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	488913	7493.4
not affected by terrain losses	488913	7493.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	563	73.0
lost to ATV IX only	563	73.0
lost to all IX	563	73.0

Potential Interfering Stations Included in above Scenario 1

31A LA CROWLEY USERRECORD01 APP

Percent new IX = 0.1152%

Worst case new IX 0.1152% Scenario 1

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Analysis of Interference to Affected Station 16

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
32	KXKW-LD	LAFAYETTE LA	BPDTL	-20110830ABR

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
31	KAGN-LP	CROWLEY LA	39.9	LIC	BLTTA	-20030911ABS
32	W32EC-D	IOWA LA	94.8	CP	BNPDTL	-20100407ABY
32	W32EB-D	SULPHUR LA	144.1	CP	BNPDTL	-20100407AAZ
32	WABG-TV	GREENWOOD MS	362.6	LIC	BLCDT	-20051024ABR
32	KPXB-TV	CONROE TX	352.2	LIC	BLCDT	-20090612AHP
31	KAGN	CROWLEY LA	39.9	APP	USERRECORD-01	

Total scenarios = 1

Result key: 4
Scenario 1 Affected station 16
Before Analysis

Results for: 32A LA LAFAYETTE BPDTL 20110830ABR CP

HAAT 288.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	507860	8477.0
not affected by terrain losses	507860	8477.0
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

After Analysis

Results for: 32A LA LAFAYETTE BPDTL 20110830ABR CP

HAAT 288.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	507860	8477.0
not affected by terrain losses	507860	8477.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	689	61.0
lost to ATV IX only	689	61.0
lost to all IX	689	61.0

Potential Interfering Stations Included in above Scenario 1

31A LA CROWLEY USERRECORD01 APP

Percent new IX = 0.1357%

Worst case new IX 0.1357% Scenario 1

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Analysis of Interference to Affected Station 17

Analysis of current record

Channel	Call	City/State	Application Ref. No.
32	W32EB-D	SULPHUR LA	BNPDTL -20100407AAZ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
31	W31DQ-D	LAKE CHARLES LA	20.3	CP	BNPDTL -20100407ABN
31	W31EA-D	VINTON LA	17.5	CP	BNPDTL -20100407AAU
32	W32EC-D	IOWA LA	49.5	CP	BNPDTL -20100407ABY
32	KXKW-LD	LAFAYETTE LA	144.1	LIC	BLDIT -20090318AAS
32	KXKW-LD	LAFAYETTE LA	144.1	CP	BNPDTL -20110830ABR
32	KPXB-TV	CONROE TX	211.4	LIC	BLCDT -20090612AHP
32	K32KD-D	WOODVILLE TX	106.9	CP	BNPDTL -20100310AAS
33	KITU-TV	BEAUMONT TX	43.7	LIC	BLDIT -20110415ABG
31	KAGN	CROWLEY LA	104.2	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 18

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
32	K32KD-D	WOODVILLE TX	BNPDTL	-20100310AAS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
32	W32EC-D	IOWA LA	150.5	CP	BNPDTL	-20100407ABY
32	W32EB-D	SULPHUR LA	106.9	CP	BNPDTL	-20100407AAZ
32	KPXB-TV	CONROE TX	171.9	LIC	BLCDT	-20090612AHP
32	KDAF	DALLAS TX	312.0	LIC	BLCDT	-20010606ABJ
32	KDAF	DALLAS TX	312.0	CP	BPCDT	-20080620AET
32	K32JX-D	TYLER TX	194.9	CP	BNPDTL	-20090827ABX
33	KITU-TV	BEAUMONT TX	81.4	LIC	BLEDT	-20110415ABG
33	K33KO-D	LUFKIN TX	69.9	CP MOD	BMPDTL	-20130729ACF
31	KAGN	CROWLEY LA	199.5	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 19

Analysis of current record

Channel	Call	City/State	Application Ref. No.
39	WBXH-CA	BATON ROUGE LA	BLTTA -20100204ACU

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
31	WLAE-TV	NEW ORLEANS LA	128.7	LIC	BLEDT -20090205AAL
35	KALB-TV	ALEXANDRIA LA	141.9	LIC	BLCDT -20090924AAC
36	WWL-TV	NEW ORLEANS LA	124.9	LIC	BLCDT -20080730AKH
39	K39JV	OPELOUSAS LA	93.6	LIC	BLTT -20071011ABI
39	K39JV	OPELOUSAS LA	93.6	CP	BDFCDTL -20110623AAI
39	WLOX	BILOXI MS	202.4	LIC	BLCDT -20091217AEF
42	KGLA-DT	HAMMOND LA	129.9	LIC	BLCDT -20070605ABE
43	WDSU	NEW ORLEANS LA	129.7	LIC	BLCDT -20080314ACM
43	WDSU	NEW ORLEANS LA	129.7	LIC	BLCDT -20121015AAW
31	KAGN	CROWLEY LA	115.5	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 20

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
39	K39JV	OPELOUSAS LA	BLTT	-20071011ABI

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
31	KLAX-TV	ALEXANDRIA LA	112.9	LIC	BLCDT	-20090622AGN
35	KALB-TV	ALEXANDRIA LA	58.3	LIC	BLCDT	-20090924AAC
39	WBXH-CA	BATON ROUGE LA	93.6	LIC	BLTTA	-20100204ACU
39	WLOX	BILOXI MS	291.7	LIC	BLCDT	-20091217AEF
41	KBCA	ALEXANDRIA LA	56.6	LIC	BLCDT	-20090618AAN
31	KAGN	CROWLEY LA	39.4	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 21

Analysis of current record

Channel	Call	City/State	Application Ref. No.
31	KAGN	CROWLEY LA	USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
30	KVHP	LAKE CHARLES LA	115.1	LIC	BLCDT -20090127AAE
31	KLAX-TV	ALEXANDRIA LA	139.1	LIC	BLCDT -20090622AGN
31	W31DQ-D	LAKE CHARLES LA	84.0	CP	BNPDTL -20100407ABN
31	WLAE-TV	NEW ORLEANS LA	236.1	LIC	BLCDT -20090205AAL
31	W31EA-D	VINTON LA	119.9	CP	BNPDTL -20100407AAU
31	KFXK-TV	LONGVIEW TX	325.7	LIC	BLCDT -20060705AAW
32	W32EC-D	IOWA LA	55.0	CP	BNPDTL -20100407ABY
32	KXKW-LD	LAFAYETTE LA	39.9	LIC	BLDTT -20090318AAS
32	KXKW-LD	LAFAYETTE LA	39.9	CP	BPDTL -20110830ABR

Total scenarios = 2

Result key: 5
Scenario 1 Affected station 21
Before Analysis

Results for: 31A LA CROWLEY USERRECORD01 APP
HAAT 152.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	414173	5895.1
not affected by terrain losses	414173	5895.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	8884	75.1
lost to ATV IX only	8884	75.1
lost to all IX	8884	75.1

Potential Interfering Stations Included in above Scenario 1

32A LA LAFAYETTE BLDTT 20090318AAS LIC

Result key: 6
Scenario 2 Affected station 21
Before Analysis

Results for: 31A LA CROWLEY USERRECORD01 APP
HAAT 152.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	414173	5895.1
not affected by terrain losses	414173	5895.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	11745	120.1
lost to ATV IX only	11745	120.1
lost to all IX	11745	120.1

Potential Interfering Stations Included in above Scenario 2

32A LA LAFAYETTE BPD TL 20110830ABR CP

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