

Exhibit 18

WWOZ Allocations Study and Request for Waiver

A Contour Overlap Allocation Study was performed using the short-spaced facilities¹ outlined in Table 1.²

Co-Channel Allocation Issues

There is one critical station, KPEF, White Castle, LA, BLED-20120302ABG involved in the co-channel allocation study. This WWOZ application fully protects that facility according to the rules outlined in 73.509(a). Figure 1 demonstrates full protection of this critical co-channel facility. Figure 1a details the contour to contour protection for KPEF.

First Adjacent Channel Allocation Issues

KSLU, Hammond, LA, BLED-19850610KA and KTLN, Thibodaux, LA, BLED-19950602KA are short-spaced 1st adjacent facilities. These facilities are fully protected. The critical 1st adjacent station protected by this application is KSLU on channel 215. Figure 2 demonstrates the required protection to 1st adjacent facilities outlined in 73.509(a). Figure 2a details the protection to KSLU.

Second and Third Adjacent Channel Allocation Issues

This application receives interference from the overlap of the 60 dbu WWOZ coverage contour with the 100 dbu contour of one adjacent facility and one new application.

The WNKV licensed facility BLED-20070820AGM 100 dbu overlaps the WWOZ 60 dbu with an interference area of 7.903 sq. km. This small area contains a population of 908. The total area within the 60 dbu contour of this WWOZ proposal is 7,519.725 sq. km. This coverage area contains a population of 992,786. Thus, this WWOZ application receives interference to 0.11% of its area and 0.09% of its covered population from this WNKV license facility.

The WNKV application BPED-20120706AAI 100 dbu overlaps the WWOZ 60 dbu with an interference area of 26.083 sq. km. containing a population of 995. Thus, this WWOZ application receives interference to 0.35% of its area and 0.10% of its covered population from this WNKV application.

¹ All applicable facilities were checked using contour to contour protection criteria. The short-spaced facilities were found to require further detailed study.

² Contours are based on Standard FCC Distance to Contour Curves and 3 arc-sec terrain data taken every 1 degree about the site.

Population is determined from 2010 Census data.

This proposal readily accepts this minute amount of 2nd adjacent channel interference from the WNKV licensed and construction permit facilities. A waiver is requested from the Commission to allow this de minimis amount of received interference. The overall service to the public will be greatly enhanced by a grant of this application.

On November 5, 2008, WNKV was granted construction permit BPED-20070821AAX. The grant of that construction permit required that the Commission waive its rules so as to permit WNKV(FM) to receive interference from WWOZ inasmuch as the 60 dBu contour of the facilities proposed by WNKV completely encompassed WWOZ's 100 dBu contour. Thus, in its application, WNKV requested that the Commission waive Section 73.509 of its rules so as to permit WKKV to receive interference from WWOZ over an area constituting 0.62% of WNKV's proposed 60 dBu coverage area. The Commission granted the construction permit and thus the Section 73.509 waiver request, but, in doing so, the Commission held that WWOZ would not perpetually be locked into its facilities. The Commission thus conditioned the grant of the WNKV application by imposing the following condition upon the resultant WNKV construction permit:

Future modifications by KTLN(FM), Thibodaux, Louisiana (Facility ID No.4219), WWOZ(FM), New Orleans, Louisiana (Facility ID No. 22659) and WTUL(FM), New Orleans, Louisiana (Facility ID No. 68321) shall not be considered as a "per se" modification of WNKV's construction permit (BPED-20070821AAX). (See Educational Information Corporation, 6 FCC Rcd. 2207 (1991)).

Although WNKV did not construct the facilities authorized in construction permit BPED-20070821AAX, it nevertheless continues to rely on the waiver of Section 73.509 granted in that construction permit. Thus, in its application BPED-20120706AAI it does not seek a new waiver of Section 73.509 to permit it to receive interference from WWOZ even though its proposed facilities would receive interference from WWOZ, but simply assumes the continuation of that waiver.

Grant of the instant application would be consistent with the Commission's holding in Educational Information Corporation, 6 FCC Rcd 2207 (1991) ("WCPE"), wherein the Commission recognized that, in granting a "received interference" waiver request (as the Commission has done here with respect to WNKV), it would not perpetually restrict the station causing the received interface to its current facilities, but would permit that station to modify its facilities if there is a public interest benefit to doing so. As is demonstrated below, in this case, permitting WWOZ to modify its facilities is warranted inasmuch as it would allow the station to nearly double its coverage area. Moreover, the coverage area that would be achieved by the facilities requested in the instant application is essentially the same as that achieved by the facilities for which WWOZ holds its construction permit, the primary difference in facilities being that WWOZ is hereby seeking authority to place its antenna lower on the tower.

In WCPE, the Commission also indicated that it would grant waivers of Section 73.509 to permit overlap between the applicant's coverage contour and the interfering contours of second- and third-adjacent stations if the amount of received interference is *de minimis*. In that case, the amount of overlap constituted 0.45% of the applicant's proposed coverage contour in the case of one second-adjacent station and 0.39% of the applicant's proposed coverage contour in the case of another second-adjacent station. In the present case, WWOZ's proposed overlap with the 100 dBu contour of second-adjacent WNKV is only one tenth of one percent of the proposed WWOZ 60 dBu contour in the case of WNKV's licensed facilities, and thirty five hundredths of one percent of the proposed WWOZ 60 dBu contour in the case of WNKV's CP facilities. Thus, in the worst case, the total overlap would result in only 0.35% of the proposed WWOZ 60 dBu contour receiving interference – a figure that is less than half of the total received interference permitted by the Commission in WCPE.

Moreover, a grant of this WWOZ upgrade proposal would allow WWOZ to increase its coverage area from 3,082.95 sq. km. to 7,519.725 sq. km., an increase of 143.9%. The covered population would increase from 863,948 to 992,786, an increase of 14.9%. This proposal receives only *de minimis* interference from a 2nd adjacent station while permitting WWOZ to significantly improve its coverage. As a result, grant of the requested waivers would be consistent with WCPE and thus the application should be granted.



Charles F. Ellis, PE
Ellis Engineering
July 19, 2012

Table 1

Spacing Allocation Study

Client: WWOZ
 FM Study for Proposed Site: 29-57-25, 90.4-31
 Desired Class: C1
 Channel 214 Frequency 90.7 MHz

Channel	Facility/ Application ID	City	State	Callsign	Licensee	Facility Status	Class	Service	Latitude	Longitude	Distance Between Facilities	Direction True North	Required Distance	Spacing Status	Separation Distance
213	4219	THIBODAUX	LA	KTLN	UNIVERSITY OF NEW ORLEANS	LIC	A	FM	29-43-18.000000	90-46-33.000000	72.5532	248.9333	133	***SHORT***	-60.4468
214	22659	NEW ORLEANS	LA	WWOZ	FRIENDS OF WWOZ, INC.	LIC	C3	FM	29-57-24.000000	90-4-31.000000	0.0308	180	211	***SHORT***	-210.9652
214	22659	NEW ORLEANS	LA	WWOZ	FRIENDS OF WWOZ, INC.	CP	C1	FM	29-57-25.000000	90-4-31.000000	0	0	245	***SHORT***	-245
214	174650	WHITE CASTLE	LA	KPEF	PROVIDENCE EDUCATIONAL FOUNDATION	LIC	C2	FM	29-57-1.000000	91-13-12.000000	110.506	269.6168	224	***SHORT***	-113.494
214	22659	NEW ORLEANS	LA	WWOZ	FRIENDS OF WWOZ, INC.	APP	C1	FM	29-57-25.000000	90-4-31.000000	0	0	245	***SHORT***	-245
215	61234	HAMMOND	LA	KSLU	SOUTHEASTERN LOUISIANA UNIVERSITY	LIC	A	FM	30-30-53.000000	90-27-59.000000	72.391	328.6633	133	***SHORT***	-60.609
216	89686	NORCO	LA	WNKV	EDUCATIONAL MEDIA FOUNDATION	LIC	A	FM	29-48-34.000000	90-25-17.000000	37.2182	243.941	75	***SHORT***	-37.7818
216	89686	NORCO	LA	WNKV	EDUCATIONAL MEDIA FOUNDATION	APP	C2	FM	29-49-33.000000	90-25-44.000000	37.1197	246.9507	79	***SHORT***	-41.8803
217	172708	SLIDELL	LA	WGON	CRISIS PREGNANCY HELP CENTER OF SLIDELL	CP	C3	FM	30-32-9.000000	89-51-52.000000	67.3034	17.5482	76	***SHORT***	-8.6966
212	43198	BILOXI	MS	WMAH-FM	MISSISSIPPI AUTHORITY FOR EDUCATIONAL TV	LIC	C	FM	30-45-18.000000	88-56-44.000000	140.0841	50.8365	105	OK	35.0841
212	18185	BATON ROUGE	LA	WBRH	EAST BATON ROUGE PARISH SCHOOL BOARD	LIC	C3	FM	30-26-36.310000	91-10-53.610000	119.3999	296.8494	76	OK	43.3999
213	79031	MCCOMB	MS	WAQL	AMERICAN FAMILY ASSOCIATION	LIC	C2	FM	31-26-1.000000	90-34-45.000000	170.674	343.569	158	OK	12.674
213	172397	KAPLAN	LA	KLFT	TALENTS MINISTRY, INC.	CP MOD	C2	FM	29-50-27.800000	92-17-45.200000	214.8638	266.5725	158	OK	56.8638
213	172397	KAPLAN	LA	KLFT	TALENTS MINISTRY, INC.	APP	C2	FM	29-52-10.000000	92-18-7.000000	215.2525	267.4174	158	OK	57.2525
214	4218	ALEXANDRIA	LA	KLSA	BD SUPERVISORS, LOUISIANA STATE UNIVERSITY & A&M COLLEGE	LIC	C	FM	31-33-56.000000	92-32-50.000000	296.3384	306.9981	270	OK	26.3384
215	82443	LAUREL	MS	WATP	AMERICAN FAMILY ASSOCIATION	LIC	C1	FM	31-52-39.000000	88-52-44.000000	241.6895	28.2405	177	OK	64.6895
215	36225	LAFAYETTE	LA	KIKL	EDUCATIONAL MEDIA FOUNDATION	LIC	C3	FM	30-17-5.000000	92-4-3.000000	195.4006	280.7164	144	OK	51.4006
215	177359	WILSON	LA	WJVI	CENTRO COMUNITARIO JUVENIL MAHANAIM, INC.	LIC	A	FM	30-56-30.000000	91-6-38.000000	147.6638	317.6688	133	OK	14.6638
216	38604	BATON ROUGE	LA	KLSU	LOUISIANA STATE UNIVERSITY	LIC	A	FM	30-24-37.000000	91-10-37.000000	117.4006	295.3436	75	OK	42.4006

Interference contour study

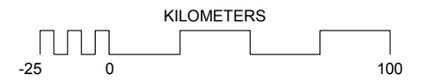
Propagation models:
 service contour : FCC 50.0% time
 cochannel interference : FCC 10.0% time

■ = 60.0 dBµV/m service contour
■ = 40.0 dBµV/m cochannel interference

Sites

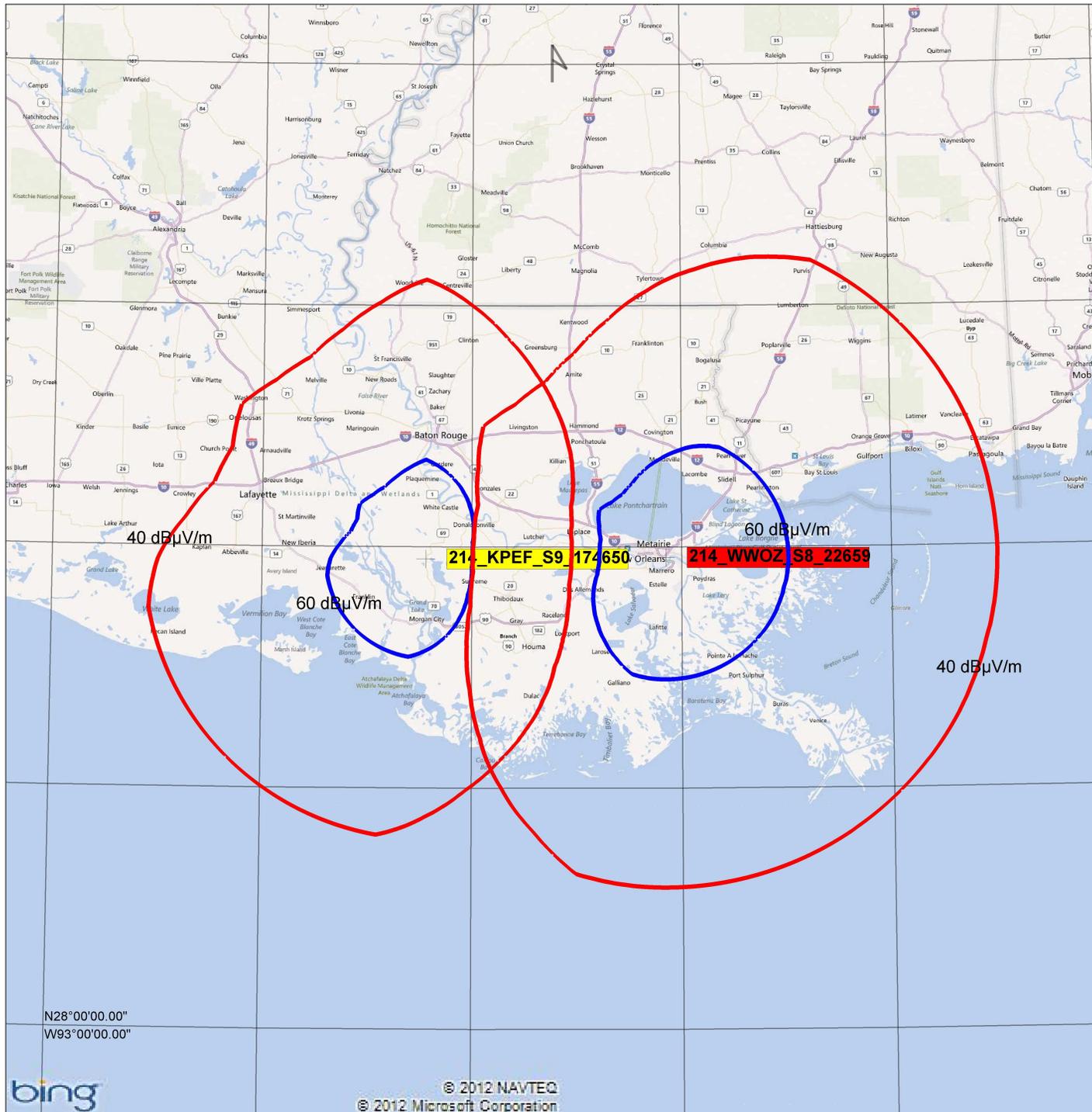
Site: 214_KPEF_S9_174650
 N29°57'01.00" W91°13'12.00" 1.0 m
 S9 Tx.Ht.AGL: 115.0 m Total ERPd: 42.00 kW
 Model: 1 Use file-horizontal/0.0° 90.7000 MHz

Site: 214_WWOZ_S8_22659
 N29°57'25.00" W90°04'31.00" 1.2 m
 S8Lower Tx.Ht.AGL: 133.1 m Total ERPd: 100.00 kW
 Model: 1 Use file-horizontal/356.0° 9.0.7000 MHz



CoChannel Allocation Contour Study
 Critical Stations

Figure 1 Thu Jul 19 19:00:01 2012



Interference contour study

Propagation models:
service contour : FCC 50.0% time
cochannel interference : FCC 10.0% time

■ = 60.0 dBμV/m service contour
■ = 40.0 dBμV/m cochannel interference

Sites

Site: 214_KPEF_S9_174650
N29°57'01.00" W91°13'12.00" 1.0 m
S9 Tx.Ht.AGL: 115.0 m Total ERPd: 42.00 kW
Model: 1 Use file-horizontal/0.0° 90.7000 MHz

Site: 214_WWOZ_S8_22659
N29°57'25.00" W90°04'31.00" 1.2 m
S8Lower Tx.Ht.AGL: 133.1 m Total ERPd: 100.00 kW
Model: 1 Use file-horizontal/356.0° 90.7000 MHz

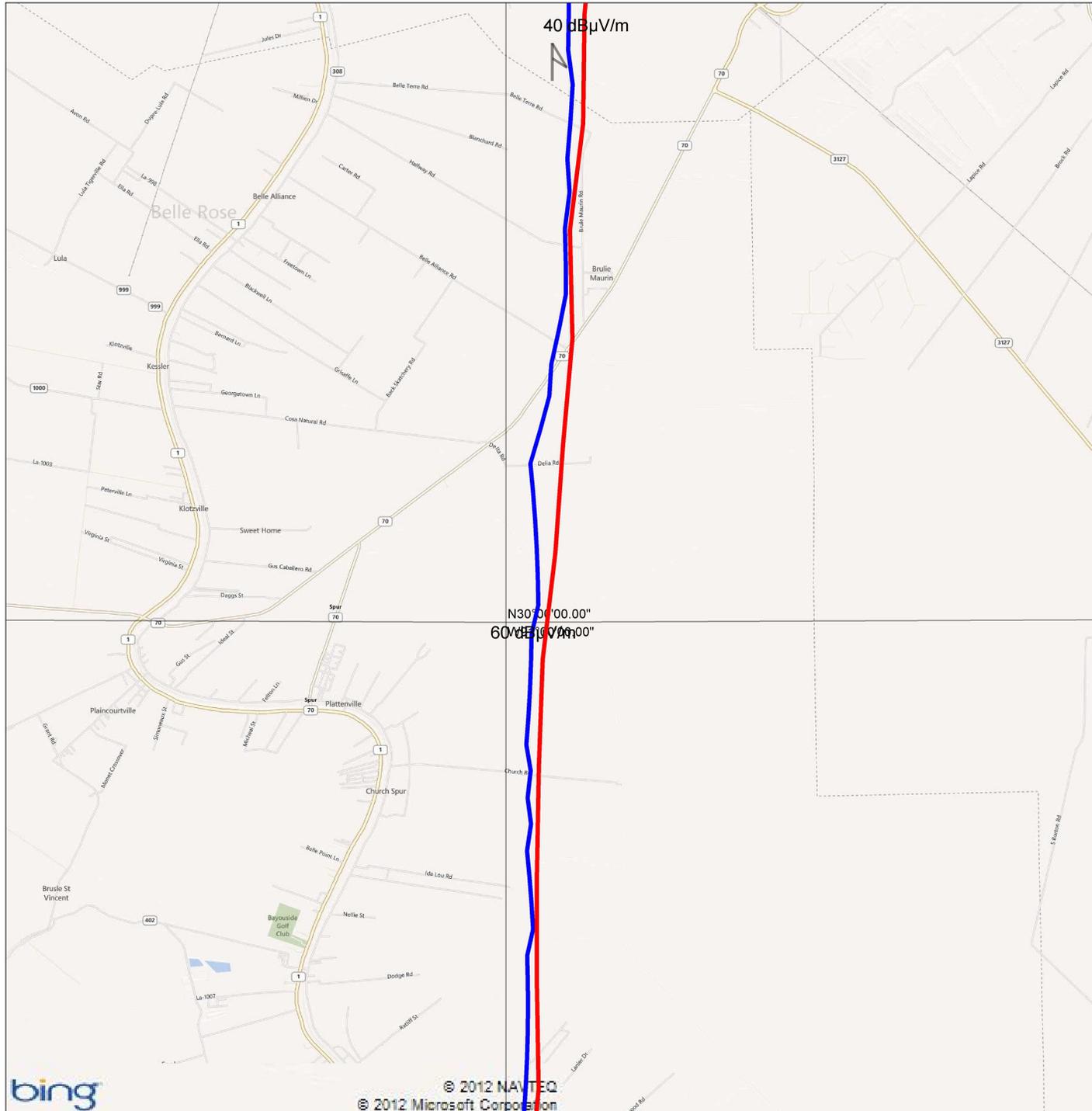


CoChannel Allocation Contour Study

Critical Station Detail

Figure 1a

Thu Jul 19 19:03:44 2012



Interference contour study

Propagation models:
 service contour : FCC 50.0% time
 1st adjacent interference : FCC 10.0% time

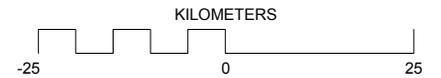
■ = 60.0 dBμV/m service contour
■ = 54.0 dBμV/m 1st adjacent interference

Sites

Site: 213_KTLN_S4_4219
 N29°43'18.00" W90°46'33.00" 1.0 m
 S4 Tx.Ht.AGL: 108.0 m Total ERPd: 0.20 kW
 Model: 1 Isotropic-horizontal/0.0° 90.5000 MHz

Site: 214_WWOZ_S8_22659
 N29°57'25.00" W90°04'31.00" 1.2 m
 S8Lower Tx.Ht.AGL: 133.1 m Total ERPd: 100.00 kW
 Model: 1 Use file-horizontal/356.0° 9.0.7000 MHz

Site: 215_KSLU_S11_61234
 N30°30'53.00" W90°27'59.00" 15.0 m
 S11 Tx.Ht.AGL: 41.0 m Total ERPd: 3.00 kW
 Model: 1 Isotropic-horizontal/0.0° 90.9000 MHz

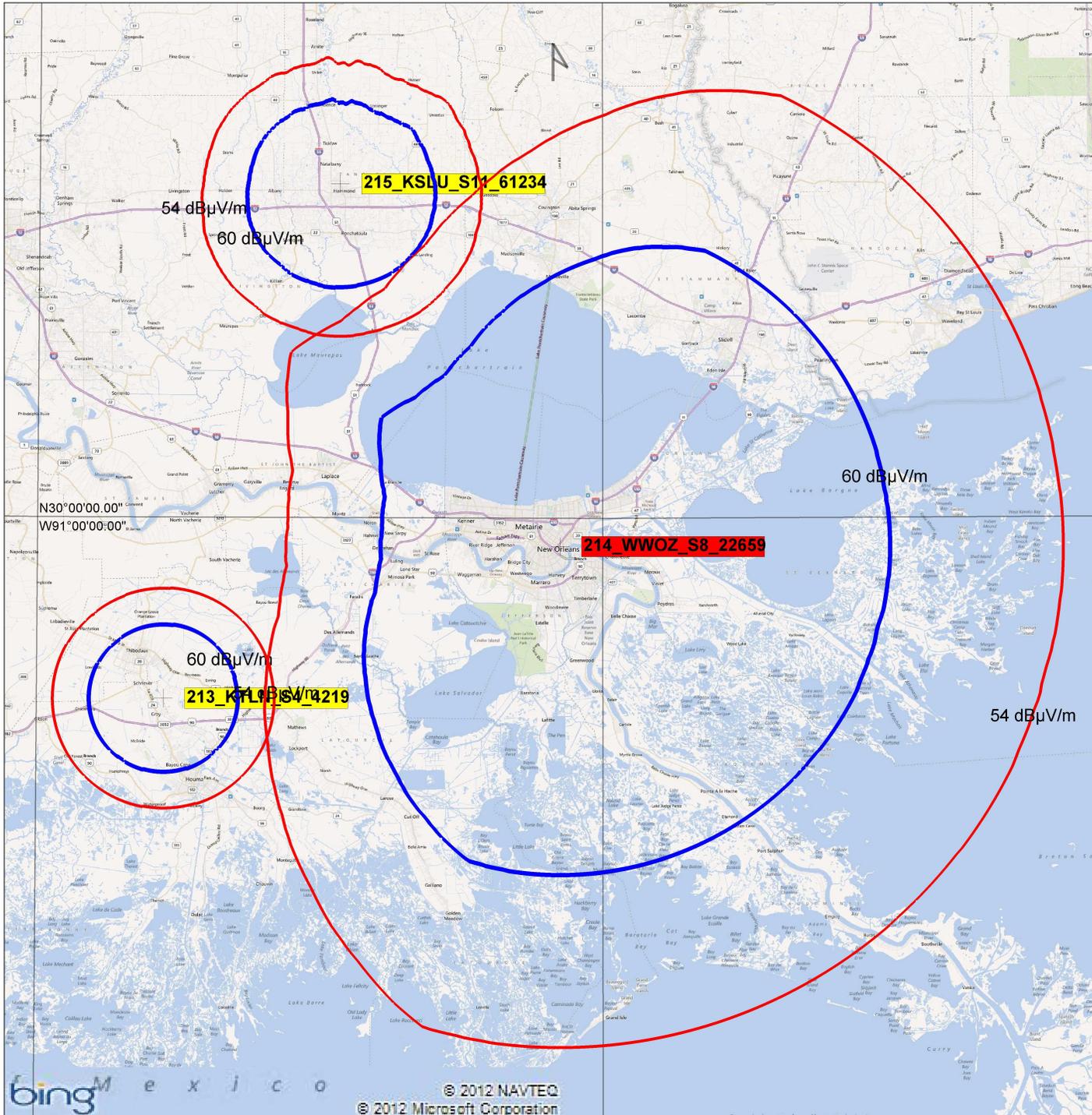


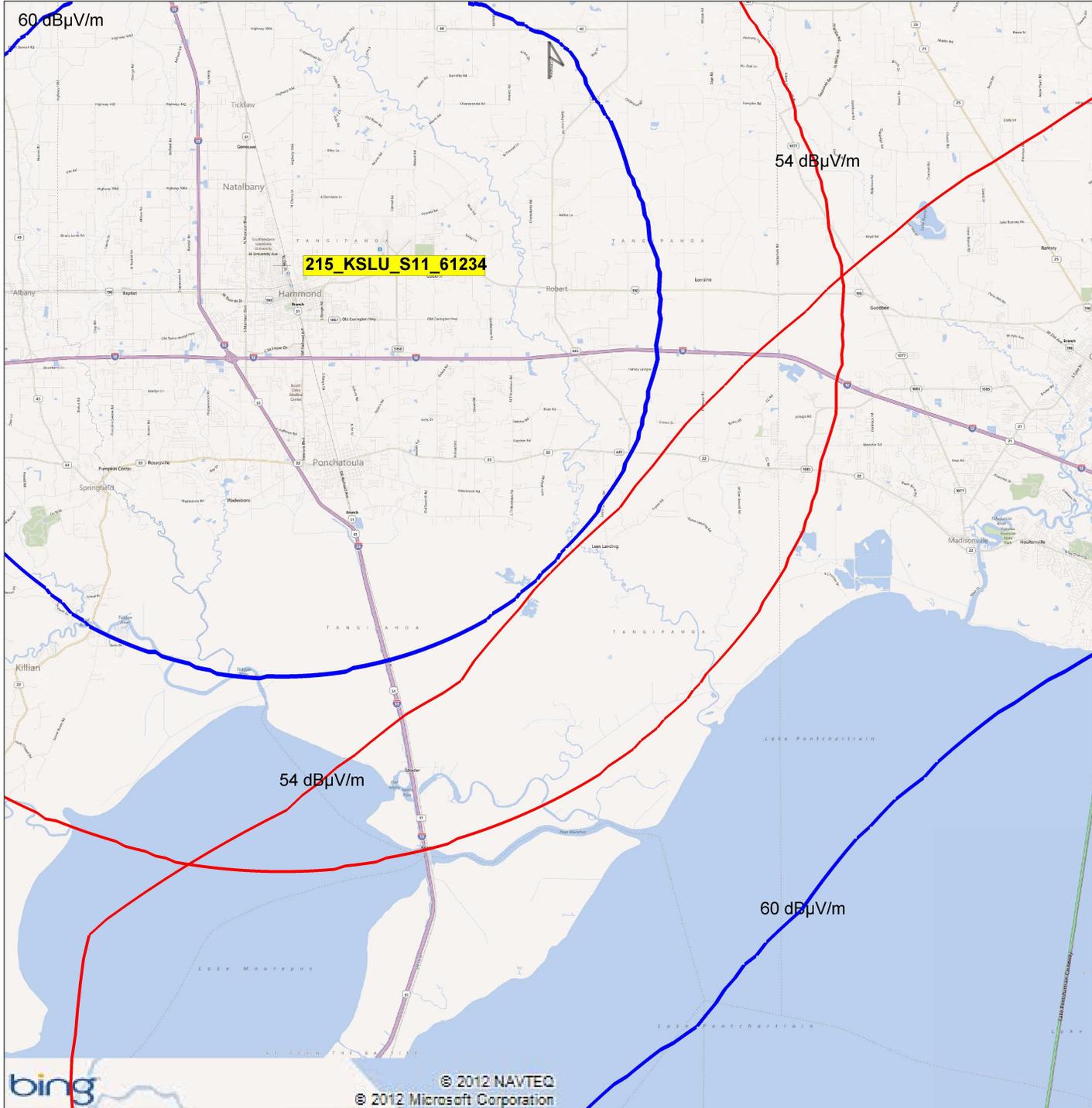
First Adjacent Channel Contour Study

Critical Stations

Figure 2

Thu Jul 19 19:15:16 2012





Interference contour study

Propagation models:
 service contour : FCC 50.0% time
 1st adjacent interference : FCC 10.0% time

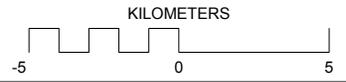
■ = 60.0 dBµV/m service contour
■ = 54.0 dBµV/m 1st adjacent interference

Sites

Site: 213_KTLN_S4_4219
 N29°43'18.00" W90°46'33.00" 1.0 m
 S4 Tx.Ht.AGL: 108.0 m Total ERPd: 0.20 kW
 Model: 1 Isotropic-horizontal/0.0° 90.5000 MHz

Site: 214_WWOZ_S8_22659
 N29°57'25.00" W90°04'31.00" 1.2 m
 S8Lower Tx.Ht.AGL: 133.1 m Total ERPd: 100.00 kW
 Model: 1 Use file-horizontal/356.0° 90.7000 MHz

Site: 215_KSLU_S11_61234
 N30°30'53.00" W90°27'59.00" 15.0 m
 S11 Tx.Ht.AGL: 41.0 m Total ERPd: 3.00 kW
 Model: 1 Isotropic-horizontal/0.0° 90.9000 MHz



First Adjacent Channel Contour Study

Critical Station Detail

Figure 2a

Thu Jul 19 19:17:28 2012

Interference contour study

Propagation models:
 service contour : FCC 50.0% time
 2nd adjacent interference : FCC 50.0% time
 3rd adjacent interference : FCC 50.0% time

60 dBµV/m = 60.0 dBµV/m service contour
 100 dBµV/m = 100.0 dBµV/m 2nd adjacent interference
 100 dBµV/m = 100.0 dBµV/m 3rd adjacent interference

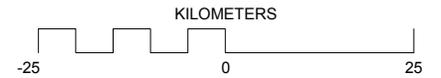
Sites

Site: 214_WVOZ_S8_22659
 N29°57'25.00" W90°04'31.00" 1.2 m
 S8Lower Tx.Ht.AGL: 133.1 m Total ERPd: 100.00 kW
 Model: 1 Use file-horizontal/356.0° 90.7000 MHz

Site: 216_WNKV_S19_89686
 N29°48'34.00" W90°25'17.00" 0.0 m
 S19 Tx.Ht.AGL: 70.0 m Total ERPd: 4.70 kW
 Model: 1 Isotropic-horizontal/0.0° 91.1000 MHz

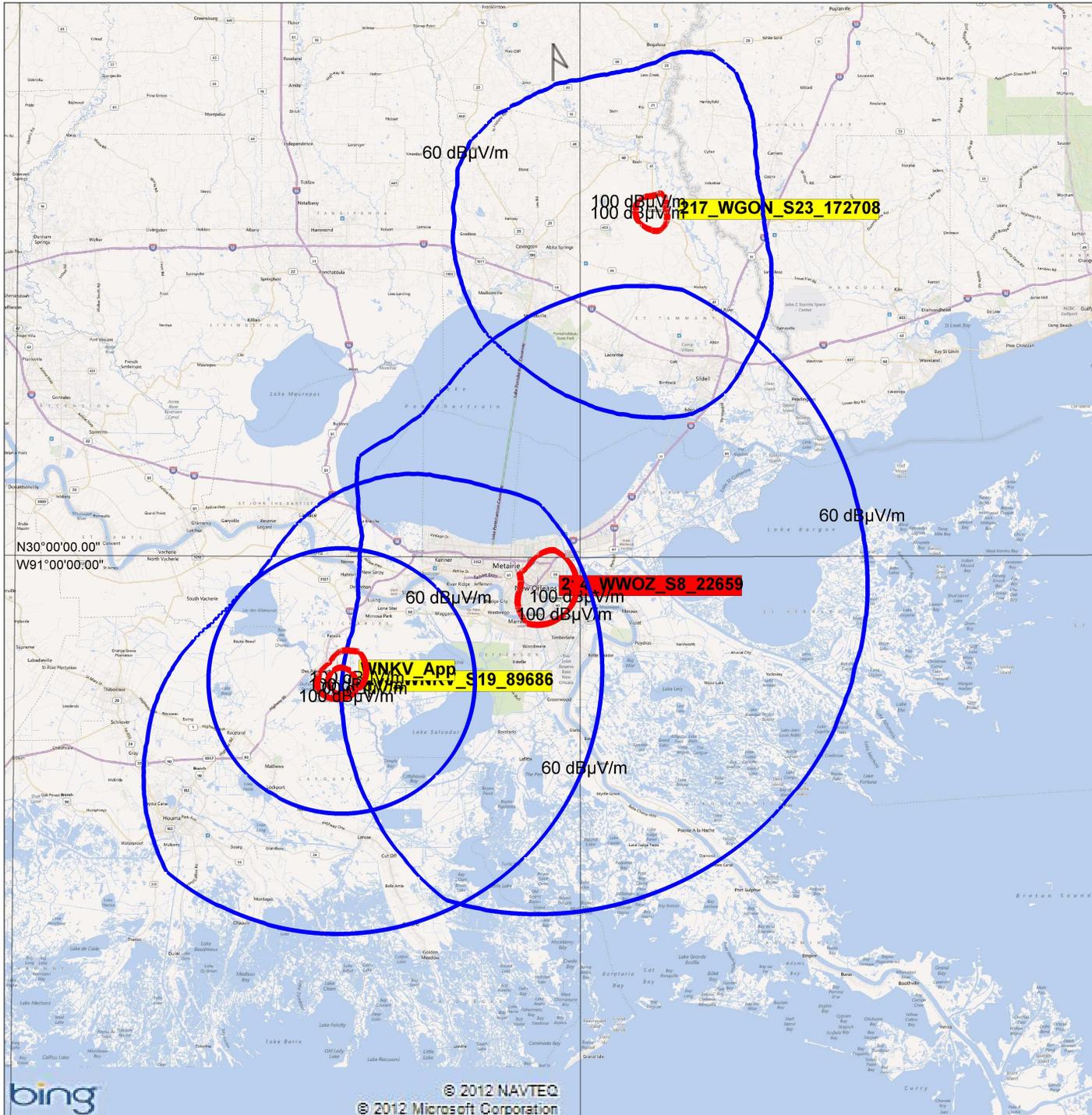
Site: 217_WGON_S23_172708
 N30°32'09.00" W89°51'52.00" 18.0 m
 S23 Tx.Ht.AGL: 82.0 m Total ERPd: 23.00 kW
 Model: 1 Use file-horizontal/0.0° 91.3000 MHz

Site: WNKV_App
 N29°49'33.00" W90°25'44.00" 1.0 m
 S27 Tx.Ht.AGL: 105.0 m Total ERPd: 46.00 kW
 Model: 1 Use file-horizontal/0.0° 91.1000 MHz



2nd and 3rd Adjacent Channel Study
 Critical Stations

Figure 3 Thu Jul 19 19:30:32 2012



Interference contour study

Propagation models:
 service contour : FCC 50.0% time
 2nd adjacent interference : FCC 50.0% time
 3rd adjacent interference : FCC 50.0% time

■ = 60.0 dBµV/m service contour
■ = 100.0 dBµV/m 2nd adjacent interference
■ = 100.0 dBµV/m 3rd adjacent interference

Sites

Site: 214_WWOZ_S8_22659
 N29°57'25.00" W90°04'31.00" 1.2 m
 S8Lower Tx.Ht.AGL: 133.1 m Total ERPd: 100.00 kW
 Model: 1 Use file-horizontal/356.0° 90.7000 MHz

Site: 216_WNKV_S19_89686
 N29°48'34.00" W90°25'17.00" 0.0 m
 S19 Tx.Ht.AGL: 70.0 m Total ERPd: 4.70 kW
 Model: 1 Isotropic-horizontal/0.0° 91.1000 MHz

Site: 217_WGON_S23_172708
 N30°32'09.00" W89°51'52.00" 18.0 m
 S23 Tx.Ht.AGL: 82.0 m Total ERPd: 23.00 kW
 Model: 1 Use file-horizontal/0.0° 91.3000 MHz

Site: WNKV_App
 N29°49'33.00" W90°25'44.00" 1.0 m
 S27 Tx.Ht.AGL: 105.0 m Total ERPd: 46.00 kW
 Model: 1 Use file-horizontal/0.0° 91.1000 MHz



2nd and 3rd Adjacent Channel Study

Critical Station Detail

Figure 3a

Thu Jul 19 19:34:48 2012

