

WSPY(AM) Somonauk, IL
FCC Form 301-AM, Section III, Item 12
EXHIBIT 21

SECTION 307(b)

This application proposes a community of license change from Geneva, Illinois, (located within the Chicago urbanized area) to establish a first local transmission service at Somonauk, Illinois, (a rural community not located within any urbanized area.)

As demonstrated in the Engineering Exhibits, 1480 khz can be allotted to Somonauk in compliance with all Commission AM engineering rules. A 5 mV/m signal will be provided to Somonauk.

A station may change its community of license without subjecting the license to other expressions of interest if: (1) the current daytime facilities are mutually exclusive with the proposed daytime facilities; (2) the current community of license will not be deprived of its only local transmission service; and (3) the proposed arrangement of allotments is preferred under the Commission's allotment priorities.

The FCC's allotment priorities are: (1) first full-time aural service, (2) second full-time aural service, (3) first local service, and (4) other public interest matters.

As demonstrated herein, the instant proposal satisfies Priorities 3 and 4 because Somonauk, a rural community which is not located within any urbanized area, has all of the attributes of a community deserving of a first local service, will be provided its first local broadcast transmission service. Further, removing a service from a defined urbanized area will not deprive Geneva, which is licensed within the Chicago urbanized area, of the many broadcast transmission voices licensed to that urbanized area; will further the Rural Radio goal of providing service to rural areas; will significantly reduce grandfathered AM interference; and will further the public interest in providing local broadcast transmission service opportunities in rural areas.

The following factors are required to respond to FCC Form 301-AM Section III, Item 12:

(1) If new technical facilities are proposed, the area and population within the proposed 2 mV/m and 0.5 mV/m contours of the present and proposed operation.

See Exhibit 21(a)

(2) If new technical facilities are proposed, the area and population within the present and proposed nighttime interference-free contour.

1480 kHz will be a daytime only station.

(3) The number of stations licensed to the proposed and current community of license.

There is presently no local transmission broadcast services licensed to the proposed rural community of Somonauk, IL. The community of license change would provide the first local aural service dedicated to the needs and interests of the residents of Somonauk, IL.

The proposed 1480 khz 5.0 mV/m and 2 mV/m contours at Somonauk will cover less than 15% of the geographically-defined Chicago urbanized area. **See Exhibit 21(c)** As described in greater detail at Item 7, below, after 1480 khz is constructed and licensed to serve Somonauk, the modified facilities will not serve, and could not be modified to serve, any additional urbanized area defined by the U.S. Census Bureau.

1480 khz is the only local transmission service licensed to Geneva, IL which community is within the Chicago urbanized area as defined by the U.S. Census Bureau. There are presently greater than 100 broadcast transmission services licensed to the Chicago Urbanized Area. **See Exhibit 21(d).**

In 2011, the Commission revised its policies to increase the transparency and efficiency of its Section 307(b) mandate to distribute radio service fairly and equitably, especially among those communities that are currently least served by radio tailored to their needs and interests. Policies to Promote Rural Radio Service and to Streamline Allotment and Assignment Procedures, Second Report and Order, 26 FCC Rcd 2556, (2011) ("Rural Radio")

One of Rural Radio's stated goals is to "provide opportunities to those existing broadcasters and new entrants who seek to serve smaller communities and rural areas." To that end, the Rural Radio policies are "designed to require more specificity on the part of licensees and permittees regarding the actual effects of the proposed moves, while still affording flexibility to propose truly favorable arrangements of radio allotments and assignments. Rural Radio was not intended to erect an insurmountable wall around urbanized areas. Rather, to achieve a balance between distribution of radio service to the largest populations, on the one hand, and distribution of new service to those most in need of it on the other, including more effectively further Congress's mandate to distribute radio service in a fair, efficient and equitable manner. See, e.g., Rural Radio @ ¶¶19, 38, 40.

Among other things, the Rural Radio decision created an "urbanized area service presumption" (UASP), as part of a methodology to fulfill the Section 307(b) mandate to equitably distribute radio spectrum. The UASP establishes that a station is presumed to be a transmission service to an entire urbanized area if its community of license is located within the urbanized area. Rural Radio Service @ 2575-77, 2772, ¶¶ 19, 30, 35, 38, and n.97 (2011). See, also, Reconsideration at 27 FCC Rcd. 12829, ¶5. (2012). Threshold Communications Application for Construction Permit Station KVNW(FM),

Napavine, Washington FCC 19-49, n.6 (2019) (Napavine). cf. Debra D. Carrigan, 104 FCC 2d 826 (1986)(no dispositive 307(b) distinction between transmission services proposing different communities of license which are home to a common metropolitan area).

Accordingly, as licensed within the Chicago urbanized area, the UASP determines that 1480 khz is considered to be a transmission service to the entire urbanized area for Section 307(b) purposes. Therefore, the proposed community of license change is not viewed as removing a sole local transmission service from that urbanized area which is home to greater than 100 transmission services. Emmis Austin Radio Broadcasting, L.P., released January 15, 2020, DA 20-73, @ p 5, 8 (removing a local aural service from a community which belongs to an urbanized area served by at least ten primary local audio services will not violate the Commission's policy prohibiting the removal of a community's local aural service.)

Finally, this application pursues the opportunities presented in Rural Radio for existing broadcasters who seek to serve rural areas.

(4) The number of stations providing protected service to the proposed community of license.

The new community of Somonauk, IL is considered fully served with no fewer than five (5) reception services as noted in ***Exhibit 21(i)***. A complete listing of all services will be supplied upon request.

The community of Geneva, IL is considered fully served with no fewer than one hundred (100) licensed services under the UASP. ***See Exhibit 21(d)***.

Clearly, there are no 1st or 2nd aural service issues.

(5) The population (according to the latest Census data) of the current and proposed community of license.

U.S. Census 2010 CPH (Census of Population and Housing) data lists a total population of 1893 persons for Somonauk, IL. ***Exhibit 21(f)***. The land area within the incorporated boundaries of Somonauk, IL is listed as 2.43 mi² (6.28 km²).

U.S. Census 2010 CPH (Census of Population and Housing) data lists a total population of 21,495 persons for Geneva, IL. ***Exhibit 21(f)***. The land area for Geneva, IL, is listed as 10.0 mi² (25.27 km²).

The population within the Chicago Urbanized Area is greater than eight (8) million people. ***Exhibit 21(f)***

(6) Where relevant to establish the precondition of a licensable community, a description of the civic, cultural, religious, social and commercial attributes of the proposed community of license.

Somonauk, IL, is an incorporated community and Census Designated Place. **Exhibit 21(f)**.

The community is served by own elected local government, public school district, civic organizations, municipal services, a Public Library, local churches and businesses consistent with a community of its size and location

For example, see the following websites (confirmed on February 5, 2020):

- Its own elected local government: http://vil.somonauk.il.us/dnalb/Local_gov.asp
- The Somonauk Community Unit School District (CUSD) #432 which offers grades Pre-K–12. <https://www.somonauk.net/>
- Its own public library. <https://www.somonauklibrary.org/>
- Its own Fire Department: <https://www.somonaukfire.org/>
- Its own Police Department: <http://www.somonaukpolice.com/>
- a designated U. S. Post Office and Zip Code 60552.
<http://www.postallocations.com/il/somonauk/somonauk>

(7) In the case of an AM station proposal for first local transmission service under Priority (3), where relevant to demonstrate that the proposed facility at the new community of license “could not be modified” to cover 50% or more of an Urbanized Area, a certification that there could be no rule compliant minor modifications to the proposal, based on the proposed antenna configuration or site, and spectrum availability as of the filing date, that could cause the station to place a principal community contour over 50% or more of an Urbanized Area.

The UASP establishes that a station would be presumed to serve an urbanized area if at least 50% of its principal community contour serves or could be modified to serve an urbanized area. In this event Commission analysis will “reflect more realistically the economic incentives of broadcasters” and “... treat the application, for Section 307(b) purposes, as proposing service to the entire urbanized area rather than the named community of license.” Gearhart, Madras, Manzanita, and Seaside, Oregon) Station KNRQ-FM, to Change Community of License from Tualatin to Aloha, Oregon, 26 FCC Rcd. 10259, ¶9 (Med. Bur. 2011).

However, it was not the Commission's objective to consider whether a station theoretically could have served an urban area with a principal community contour at the move-out community because the application to change communities establishes that the applicant has no intention to do so. Since the inception of the UASP, the Bureau and the Commission have consistently maintained that *Rural Radio's* "could be modified" analysis applies only to the concern the applicant will make a change in the proposed move-in community after receiving authorization to relocate. See, *Napavine*, Id. ¶10 (2019).

In any event, as licensed, 1480 khz holds grandfathered protection for significant interference received and created. Upon being constructed and licensed with the facilities proposed in this application, 1480 khz will lose most of its grandfathered given and received interference protections. Thereafter, the Commission's interference protection rules will prevent 1480 khz from modifying its 5 mV/m to serve at least 50% of an urbanized area. **See Exhibit 21(g)**

(8) Where (a) the community of license of the proposed facility is located in an Urbanized Area, or (b) the proposed facility places, or could be modified to place (using the criteria listed in item (7) above) a principal community signal over 50% or more of an Urbanized Area, and to the extent the applicant wishes to rebut the Urbanized Area service presumption, a showing (a) that the proposed community is truly independent of the Urbanized Area, (b) of the community's specific need for an outlet for local expression separate from the Urbanized Area and (c) the ability of the proposed station to provide that outlet. See *Rural Second R&O*, 26 FCC Rcd at 2572-74, 2577, paras. 30, 38.

Somonauk, Illinois, is located outside of an urbanized area as defined by the U.S. Census Bureau.

The proposed 1480 khz principal community contour will serve less than 15% of the Chicago urbanized (**See Exhibit 21(c)**) area and, due to interference protection rules, could not be modified to place a principal community signal over at least 50% of the urbanized area.

(9) In the case of an AM station proposal under Priority (4), a description of all populations gaining or losing third, fourth, or fifth reception service, and the percentage of the population in the station's current protected contour that will lose third, fourth, or fifth reception service.

As licensed within the Chicago urbanized area, all parts of the 1480 khz city grade (5 mV/m) service area is and will continue to be well-served with greater than nine (9) city grade (5 mV/m for AM; 3.16 mV/m for FM) and greater than twenty (20) service grade (2 mV/m for AM; 54 dBu for FM) broadcast service contours. Under the UASP, the loss area is served with greater than 100 transmission services. See Exhibit 21(d).

At present, seven (7) city grade signals, each licensed to the Chicago urbanized area, provide city grade service to the entire community of Somonauk. See, Exhibit 21(i)

When 1480 khz is licensed to serve Somonauk as a first local transmission service, it will be the only city grade signal serving that entire community which is not at the same time licensed to serve the Chicago urbanized area. As such, 1480 khz will be programmed to serve the particular needs and interests of its authorized rural audience rather than the competing needs of an urbanized listening audience. The needs of the Chicago urbanized audience will be served by stations licensed to that urbanized area.

The proposed 1480 khz service will fulfill a Rural Radio goal to “provide opportunities to those existing broadcasters . . . who seek to serve smaller communities and rural areas.” Rural Radio @ ¶19.

(10) In the case of an AM station proposal under Priority (4), the sizes of the populations gaining and losing service under the proposal, a detailed summary of the numbers of services those populations will receive if the application is granted, and an explanation as to how the proposal advances the revised Section 307(b) priorities in the *Rural Second R&O*.

Upon implementing the proposed service, the entire 1480 khz loss area, including the community of Geneva, will continue to receive at least nine (9) city grade (5 mV/m AM; 3.16 mV/m FM) strength signals, and greater than twenty (20) service grade (2 mV/m for AM; 54 dBu for FM) signal contours. See, *Exhibit 21(i)*.

There are currently seven (7) stations, each licensed to the Chicago urbanized area, which provide city grade service to the entire community of Somonauk.

The proposed 1480 khz service at Somonauk will be the only city grade service at that community which is not licensed to an urbanized area. *Exhibit 21(j)*.

(11) Any other information deemed relevant.

Public interest in sustaining rural broadcast service:

The Rural Radio proceeding was developed and adopted to address and forestall what the Commission perceived as a movement of radio service from rural to urban areas absent a compelling showing of need. Rural Radio, Id. The Commission was concerned that urban communities were unduly gaining broadcast transmission services at the expense of service to rural communities. The instant proposal will significantly further the public interest and articulated Commission goal to promote and sustain rural radio transmission service by removing one of greater than 100 urbanized area transmission services to serve as a first local transmission service at a rural community.

This proposal serves Commission's statutory goal of distributing radio service fairly, efficiently and equitably, and to increase the transparency and efficiency of its Section 307(b) mandate to distribute radio service fairly and equitably, especially among those communities that are currently least served by radio tailored to their needs and interests. Rural Radio, 26 FCC Rcd 2556 (2011).

Interference Reduction:

The instant application will serve the public interest by reducing extant AM band interference given and received to a geographic area serving greater than 1.5 million people. **See Exhibit 21(k).**

Reducing extant interference in the AM band is a recurring and long sought Commission goal in the public interest.

In its Expanded Band proceeding the Commission determined to migrate existing AM stations that contributed to congestion and interference in the standard AM band, remove interference from the standard band and provide stations with more robust, interference-free service. Review of the Technical Assignment Criteria for the AM Broadcast Service, Report and Order, 6 FCC Rcd 6273 (1991).


To further encourage interference reduction and revitalize the AM band, the Commission's Interference Reduction Policy recognizes the public interest in deleting or modifying an AM station broadcast license, including the broadcast license for a community's sole local transmission service, which causes and receives interference, Policies to Encourage Interference Reduction Between AM Broadcast Stations 5 FCC Rcd 4492 (1990).

Population growth in areas surrounding the proposed new community will best be met by a centrally located service.

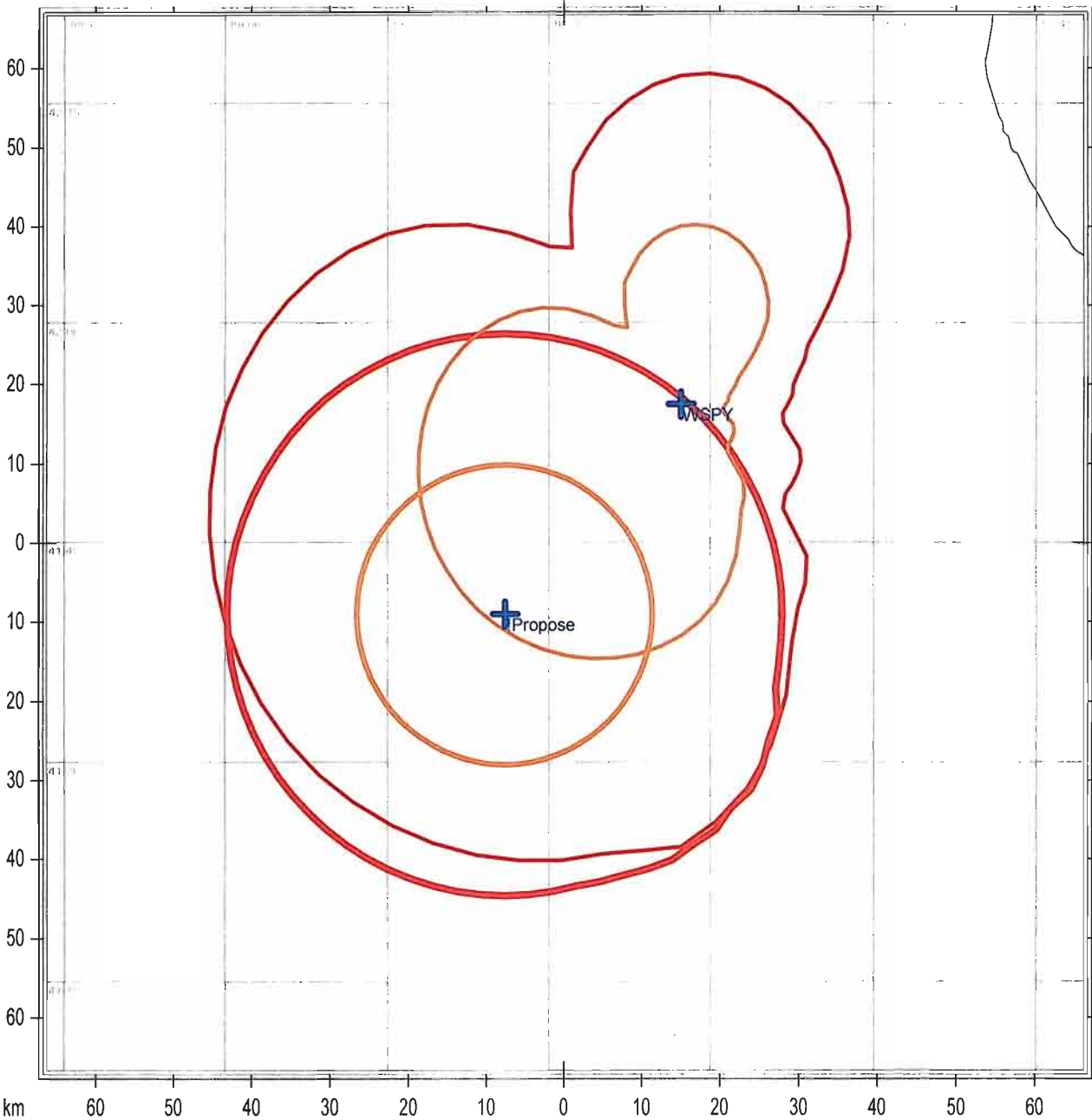
US Census Bureau records indicate that the community of Geneva population grew by 10.1% between 2000 and 2010 and the community of Somonauk population grew by 46.2% for the same period. See Exhibit 21(d)

I, Larry Nelson, C.E.O. of Nelson Multimedia, Inc., certify under penalty of perjury that the foregoing information is true and correct to the best of my knowledge and belief.

Date: April 30, 2020

Signed: 
CEO

1480 WSPY current & Proposed 2 mv/m & .5mv/m



Red = .5mv/m Orange = 2 mv/m M-3

WSPY at Somonauk IL 2 and .5 mv-m Coverage Exh 21 (a)

Callsign : !Propose
 Coordinates : 41-40-06.0 N, 88-34-06.0 W
 Comments :
 Frequency (KHz): 1480
 Power (w): 250.000
 Pattern : LD
 Efficiency : 141.333 mV/M
 Desc :
 City/State : ,
 ARN :
 Licensee :

Tower	Field	Phase	Spcng	Ornt	Hght	TopLd
-----	-----	-----	-----	-----	-----	-----
1	1.000	0.0	0.0	0.0	55.0	0.0

Brng	Span	mV/M
-----	-----	-----

Field	Brng	mV/m	Brng	mV/m	Brng	mV/m	Brng	mV/m	Brng	mV/m
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
0	141.333	75	141.333	150	141.333	225	141.333	300	141.333	
5	141.333	80	141.333	155	141.333	230	141.333	305	141.333	
10	141.333	85	141.333	160	141.333	235	141.333	310	141.333	
15	141.333	90	141.333	165	141.333	240	141.333	315	141.333	
20	141.333	95	141.333	170	141.333	245	141.333	320	141.333	
25	141.333	100	141.333	175	141.333	250	141.333	325	141.333	
30	141.333	105	141.333	180	141.333	255	141.333	330	141.333	
35	141.333	110	141.333	185	141.333	260	141.333	335	141.333	
40	141.333	115	141.333	190	141.333	265	141.333	340	141.333	
45	141.333	120	141.333	195	141.333	270	141.333	345	141.333	
50	141.333	125	141.333	200	141.333	275	141.333	350	141.333	
55	141.333	130	141.333	205	141.333	280	141.333	355	141.333	
60	141.333	135	141.333	210	141.333	285	141.333			
65	141.333	140	141.333	215	141.333	290	141.333			
70	141.333	145	141.333	220	141.333	295	141.333			

0.0 ohm K	:	0.000	1.0 ohm K	:	0.000
RMSS	:	0.000	RMSt	:	0.000
RSS	:	0.000			

Contour type : Ground Wave
 Signal strength : 0.500 mV/m
 Area covered : 4049.100 sq. km
 Population covered: 564672 persons

Azimuth	Field	Contour	Distance
Degrees	mV/m @ 1 km	mV/m	km
0	141.33	0.500	35.60
5	141.33	0.500	35.60
10	141.33	0.500	35.60
15	141.33	0.500	35.60
20	141.33	0.500	35.60
25	141.33	0.500	35.60
30	141.33	0.500	35.60
35	141.33	0.500	35.60
40	141.33	0.500	35.60
45	141.33	0.500	35.60
50	141.33	0.500	35.60
55	141.33	0.500	35.60
60	141.33	0.500	35.60
65	141.33	0.500	35.60

	WSPY at Somonauk IL	2 and .5 mv-m	Coverage	Exh 21 (a)
70	141.33	0.500	35.60	
75	141.33	0.500	35.60	
80	141.33	0.500	35.60	
85	141.33	0.500	35.60	
90	141.33	0.500	35.60	
95	141.33	0.500	35.60	
100	141.33	0.500	35.73	
105	141.33	0.500	36.03	
110	141.33	0.500	37.28	
115	141.33	0.500	37.51	
120	141.33	0.500	38.28	
125	141.33	0.500	38.66	
130	141.33	0.500	38.09	
135	141.33	0.500	38.52	
140	141.33	0.500	38.00	
145	141.33	0.500	37.90	
150	141.33	0.500	37.16	
155	141.33	0.500	36.44	
160	141.33	0.500	36.01	
165	141.33	0.500	35.60	
170	141.33	0.500	35.60	
175	141.33	0.500	35.60	
180	141.33	0.500	35.60	
185	141.33	0.500	35.60	
190	141.33	0.500	35.60	
195	141.33	0.500	35.60	
200	141.33	0.500	35.60	
205	141.33	0.500	35.60	
210	141.33	0.500	35.60	
215	141.33	0.500	35.60	
220	141.33	0.500	35.60	
225	141.33	0.500	35.60	
230	141.33	0.500	35.60	
235	141.33	0.500	35.60	
240	141.33	0.500	35.60	
245	141.33	0.500	35.60	
250	141.33	0.500	35.60	
255	141.33	0.500	35.60	
260	141.33	0.500	35.60	
265	141.33	0.500	35.60	
270	141.33	0.500	35.60	
275	141.33	0.500	35.60	
280	141.33	0.500	35.60	
285	141.33	0.500	35.60	
290	141.33	0.500	35.60	
295	141.33	0.500	35.60	
300	141.33	0.500	35.60	
305	141.33	0.500	35.60	
310	141.33	0.500	35.60	
315	141.33	0.500	35.60	
320	141.33	0.500	35.60	
325	141.33	0.500	35.60	
330	141.33	0.500	35.60	
335	141.33	0.500	35.60	
340	141.33	0.500	35.60	
345	141.33	0.500	35.60	
350	141.33	0.500	35.60	
355	141.33	0.500	35.60	

Contour type : Ground Wave
 Signal strength : 5.000 mv/m
 Area covered : 426.400 sq. km
 Population covered: 32580 persons

WSPY at Somonauk IL 2 and .5 mv-m Coverage Exh 21 (a)

Azimuth Degrees	Field mV/m @ 1 km	Contour mV/m	Distance km
0	141.33	5.000	11.66
5	141.33	5.000	11.66
10	141.33	5.000	11.66
15	141.33	5.000	11.66
20	141.33	5.000	11.66
25	141.33	5.000	11.66
30	141.33	5.000	11.66
35	141.33	5.000	11.66
40	141.33	5.000	11.66
45	141.33	5.000	11.66
50	141.33	5.000	11.66
55	141.33	5.000	11.66
60	141.33	5.000	11.66
65	141.33	5.000	11.66
70	141.33	5.000	11.66
75	141.33	5.000	11.66
80	141.33	5.000	11.66
85	141.33	5.000	11.66
90	141.33	5.000	11.66
95	141.33	5.000	11.66
100	141.33	5.000	11.66
105	141.33	5.000	11.66
110	141.33	5.000	11.66
115	141.33	5.000	11.66
120	141.33	5.000	11.66
125	141.33	5.000	11.66
130	141.33	5.000	11.66
135	141.33	5.000	11.66
140	141.33	5.000	11.66
145	141.33	5.000	11.66
150	141.33	5.000	11.66
155	141.33	5.000	11.66
160	141.33	5.000	11.66
165	141.33	5.000	11.66
170	141.33	5.000	11.66
175	141.33	5.000	11.66
180	141.33	5.000	11.66
185	141.33	5.000	11.66
190	141.33	5.000	11.66
195	141.33	5.000	11.66
200	141.33	5.000	11.66
205	141.33	5.000	11.66
210	141.33	5.000	11.66
215	141.33	5.000	11.66
220	141.33	5.000	11.66
225	141.33	5.000	11.66
230	141.33	5.000	11.66
235	141.33	5.000	11.66
240	141.33	5.000	11.66
245	141.33	5.000	11.66
250	141.33	5.000	11.66
255	141.33	5.000	11.66
260	141.33	5.000	11.66
265	141.33	5.000	11.66
270	141.33	5.000	11.66
275	141.33	5.000	11.66
280	141.33	5.000	11.66
285	141.33	5.000	11.66
290	141.33	5.000	11.66
295	141.33	5.000	11.66

	WSPY at Somonauk IL	2 and .5 mv-m	Coverage	Exh 21 (a)
300	141.33	5.000	11.66	
305	141.33	5.000	11.66	
310	141.33	5.000	11.66	
315	141.33	5.000	11.66	
320	141.33	5.000	11.66	
325	141.33	5.000	11.66	
330	141.33	5.000	11.66	
335	141.33	5.000	11.66	
340	141.33	5.000	11.66	
345	141.33	5.000	11.66	
350	141.33	5.000	11.66	
355	141.33	5.000	11.66	

Contour type : Ground wave
 Signal strength : 2.000 mv/m
 Area covered : 1132.800 sq. km
 Population covered: 66971 persons

Azimuth Degrees	Field mv/m @ 1 km	Contour mv/m	Distance km
0	141.33	2.000	19.00
5	141.33	2.000	19.00
10	141.33	2.000	19.00
15	141.33	2.000	19.00
20	141.33	2.000	19.00
25	141.33	2.000	19.00
30	141.33	2.000	19.00
35	141.33	2.000	19.00
40	141.33	2.000	19.00
45	141.33	2.000	19.00
50	141.33	2.000	19.00
55	141.33	2.000	19.00
60	141.33	2.000	19.00
65	141.33	2.000	19.00
70	141.33	2.000	19.00
75	141.33	2.000	19.00
80	141.33	2.000	19.00
85	141.33	2.000	19.00
90	141.33	2.000	19.00
95	141.33	2.000	19.00
100	141.33	2.000	19.00
105	141.33	2.000	19.00
110	141.33	2.000	19.00
115	141.33	2.000	19.00
120	141.33	2.000	19.00
125	141.33	2.000	19.00
130	141.33	2.000	19.00
135	141.33	2.000	19.00
140	141.33	2.000	19.00
145	141.33	2.000	19.00
150	141.33	2.000	19.00
155	141.33	2.000	19.00
160	141.33	2.000	19.00
165	141.33	2.000	19.00
170	141.33	2.000	19.00
175	141.33	2.000	19.00
180	141.33	2.000	19.00
185	141.33	2.000	19.00
190	141.33	2.000	19.00
195	141.33	2.000	19.00
200	141.33	2.000	19.00
205	141.33	2.000	19.00
210	141.33	2.000	19.00

	WSPY at Somonauk IL	2 and .5 mv-m	Coverage	Exh 21 (a)
215	141.33	2.000	19.00	
220	141.33	2.000	19.00	
225	141.33	2.000	19.00	
230	141.33	2.000	19.00	
235	141.33	2.000	19.00	
240	141.33	2.000	19.00	
245	141.33	2.000	19.00	
250	141.33	2.000	19.00	
255	141.33	2.000	19.00	
260	141.33	2.000	19.00	
265	141.33	2.000	19.00	
270	141.33	2.000	19.00	
275	141.33	2.000	19.00	
280	141.33	2.000	19.00	
285	141.33	2.000	19.00	
290	141.33	2.000	19.00	
295	141.33	2.000	19.00	
300	141.33	2.000	19.00	
305	141.33	2.000	19.00	
310	141.33	2.000	19.00	
315	141.33	2.000	19.00	
320	141.33	2.000	19.00	
325	141.33	2.000	19.00	
330	141.33	2.000	19.00	
335	141.33	2.000	19.00	
340	141.33	2.000	19.00	
345	141.33	2.000	19.00	
350	141.33	2.000	19.00	
355	141.33	2.000	19.00	

♀



Exhibit 21 (c)

Urbanized Area Vs Rural Area

City Grade 5mv/m and Service 2mv/m

WSPY AM 1480Khz

New Little Rock Tower Site

Chicago Urbanized Area
Per 2010 US Census Map

Chicago Urbanized Area
Per 2010 US Census Map

Rural Area (Non Urbanized)

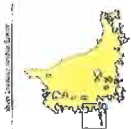
Rural Area (Non Urbanized)

Tower site

Somonauk IL

2 mv/m Contour Per M-3

5mv/m Contour per M-3



US NAME Chicago, IL-IN
US CODE 1834
US STATE IL
US COUNTY Cook

PAGE 1 OF 1
Page 1 of 1

Scale: 1:100,000
Scale: 1:100,000

Source: US Census Bureau
Source: US Census Bureau

Map Date: 1/1/2010
Map Date: 1/1/2010

Map Title: 2010 Census Urbanized Area Reference Map
Map Title: 2010 Census Urbanized Area Reference Map

Map Author: US Census Bureau
Map Author: US Census Bureau

Map Contact: US Census Bureau
Map Contact: US Census Bureau

Map Distribution: US Census Bureau
Map Distribution: US Census Bureau

Map Revision: 1.0
Map Revision: 1.0

Map Copyright: US Census Bureau
Map Copyright: US Census Bureau

Map Notes: US Census Bureau
Map Notes: US Census Bureau

FM Station in the Chicago Urbanized Area List Exhibit 21 (d)

CALL FORMAT LATITUDE	ST	CITY ARN LONGITUDE	FREQ OWNER HAAT:m AMSL:m	CHN	CL	ERP	STAT
WMNK Unknown or 41-29-47.1	IL New CP N	MINOOKA BLED-20121003AAZ 88-17-56.2 W	88.50000 AMERICAN EDUCATION FOUNDATION, INC. 31.532 208.000		A	200.00	LIC
WSRI Unknown or 41-42-16.1	IL New CP N	SUGAR GROVE BLED-20080410ABW 88-26-02.3 W	88.70000 EDUCATIONAL MEDIA FOUNDATION 80.635 306.000		A	600.00	LIC
WLRA Unknown or 41-36-10.1	IL New CP N	LOCKPORT BMLED-20030610ADY 88-04-49.2 W	88.10000 LEWIS UNIVERSITY 5.006 228.000		A	140.00	LIC
WERV-FM Unknown or 41-46-09.1	IL New CP N	AURORA BXMLH-20010314AAG 88-16-02.3 W	95.90000 ALPHA MEDIA LICENSEE LLC 64.200 307.000		A	3000.00	LIC
WONC Unknown or 41-46-34.1	IL New CP N	NAPERVILLE BLED-19940809KC 88-11-41.2 W	89.10000 NORTH CENTRAL COLLEGE 17.851 264.000		A	1500.00	LIC
WAIW Unknown or 41-52-09.1	IL New CP N	WHEATON BLED-19990921ABJ 88-05-56.2 W	88.10000 EDUCATIONAL MEDIA FOUNDATION 12.138 266.000		A	250.00	LIC
WCCQ Unknown or 41-26-07.1	IL New CP N	CREST HILL BLH-20160114ABL 88-11-00.2 W	98.30000 ALPHA MEDIA LICENSEE LLC 111.699 316.000		A	3000.00	LIC
WMBI-FM Unknown or 41-55-41.1	IL New CP N	CHICAGO BLED-19970613KA 88-00-25.2 W	90.10000 THE MOODY BIBLE INSTITUTE OF CHICAGO 109.345 350.000		B	100000.00	LIC
WCSF Unknown or 41-31-58.1	IL New CP N	JOLIET BLED-19880916KB 88-05-54.2 W	88.70000 COLLEGE OF ST. FRANCIS 12.303 230.000		A	100.00	LIC
WDCB Unknown or 41-50-36.1	IL New CP N	GLEN ELLYN BMLED-19840113AF 88-05-00.2 W	90.90000 COLLEGE OF DU PAGE, DISTRICT 502 67.260 314.000		A	5000.00	LIC
WERV-FM Unknown or 41-46-09.1	IL New CP N	AURORA BMLH-20010314AAF 88-16-02.3 W	95.90000 ALPHA MEDIA LICENSEE LLC 80.235 318.000		A	2850.00	LIC
WLEY-FM Unknown or 41-56-03.1	IL New CP N	AURORA BLH-20170420AAM 88-04-22.2 W	107.90000 WLEY LICENSING, INC. 202.371 450.000		B	21000.00	LIC
WDGC-FM Unknown or 41-48-16.1	IL New CP N	DOWNERS GROVE BLED-1271 88-00-44.2 W	88.30000 WDGC-FM, SCHOOL DISTRICT #99 15.758 258.000		A	250.00	LIC
WJCH Unknown or 41-24-55.1	IL New CP N	JOLIET BMLED-20130530AMG 88-16-19.2 W	91.90000 FAMILY STATIONS, INC. 122.653 319.000		B	50000.00	LIC
WSPY-FM Unknown or	IL New CP N	PLANO BLH-20140122ABB 88-00-25.2 W	107.10000 NELSON ENTERPRISES, INC. 109.345 350.000		A	3100.00	LIC

FM Station in the Chicago Urbanized Area List Exhibit 21 (d)

41-39-55.1	N	88-34-34.3	W	119.590	348.000			
WEPS	IL	ELGIN		88.90000		A	740.00	LIC
Unknown or	New	CP BLED-20111221	ADC	BOARD OF EDUCATION SCHOOL DISTRICT U-46				
42-02-11.1	N	88-16-34.3	W	-22.541	261.000			
WAWY	IL	DUNDEE		103.90000		A	2550.00	LIC
Unknown or	New	CP BMLD-20190305	AAV	EDUCATIONAL MEDIA FOUNDATION				
42-06-21.1	N	88-22-37.3	W	62.410	361.000			
WAWY	IL	DUNDEE		103.90000		A	2600.00	CP MOD
Unknown or	New	CP BXPB-20170719	AAI	EDUCATIONAL MEDIA FOUNDATION				
42-06-21.1	N	88-22-38.3	W	51.773	352.000			
WHCM	IL	PALATINE		88.30000		A	100.00	LIC
Unknown or	New	CP BMLD-20170530	ABT	WILLIAM RAINEY HARPER COLLEGE				
42-04-54.1	N	88-04-23.3	W	-20.442	249.000			
WZSR	IL	WOODSTOCK		105.50000		A	1700.00	APP
Unknown or	New	CP 0000101261		ALPHA MEDIA LICENSEE LLC				
42-15-34.0	N	88-21-45.0	W	117.407	411.000			
WZSR	IL	WOODSTOCK		105.50000		A	1800.00	APP
Unknown or	New	CP 0000101261		ALPHA MEDIA LICENSEE LLC				
42-15-34.0	N	88-21-45.0	W	95.988	392.600			
WZSR	IL	WOODSTOCK		105.50000		A	1600.00	LIC
Unknown or	New	CP BLH-19971117	KC	ALPHA MEDIA LICENSEE LLC				
42-15-34.1	N	88-21-45.3	W	136.010	433.000			
WZSR	IL	WOODSTOCK		105.50000		A	1200.00	LIC
Unknown or	New	CP BXLH-20130724	ACR	ALPHA MEDIA LICENSEE LLC				
42-15-30.1	N	88-21-48.3	W	113.738	411.000			
WIIT	IL	CHICAGO		88.90000		D	3.00	LIC
Unknown or	New	CP BLED-20181031	AAN	ILLINOIS INSTITUTE OF TECHNOLOGY				
41-49-53.1	N	87-37-38.1	W	38.619	254.000			
WLEY-FM	IL	AURORA		107.90000		B	10500.00	LIC
Unknown or	New	CP BXLH-20001214	AJC	WLEY LICENSING, INC.				
41-51-30.1	N	87-57-16.2	W	106.881	341.000			
WLEY-FM4	IL	CHICAGO		107.90000		D	99.00	LIC
Unknown or	New	CP BLFTB-20180426	AAG	WLEY LICENSING, INC.				
41-50-32.1	N	87-40-33.0	W	-3.570	207.000			
WLEY-FM4	IL	CHICAGO		107.90000		D	99.00	CP MOD
Unknown or	New	CP BPFTB-20180710	AAL	WLEY LICENSING, INC.				
41-50-32.1	N	87-40-33.0	W	0.084	207.000			
WLEY-FM3	IL	CHICAGO		107.90000		D	99.00	CP MOD
Unknown or	New	CP BMPFTB-20190219	ABT	WLEY LICENSING, INC.				
41-52-08.7	N	87-41-35.8	W	40.222	247.000			
WCFS-FM	IL	ELMWOOD PARK		105.90000		B	4100.00	LIC
Unknown or	New	CP BMLH-20011101	AAC	ENTERCOM LICENSE, LLC				
41-52-44.1	N	87-38-08.2	W	456.318	661.000			
WLEY-FM3	IL	CHICAGO		107.90000		D	99.00	LIC
Unknown or	New	CP BLFTB-20180426	AAF	WLEY LICENSING, INC.				
41-52-08.7	N	87-41-35.8	W	40.501	247.000			
WLEY-FM2	IL	CICERO		107.90000		D	99.00	LIC

FM Station in the Chicago Urbanized Area List Exhibit 21 (d)

Unknown or New CP BLFTB-20180426AAH WLEY LICENSING, INC.						
41-51-19.1	N	87-45-32.2	W	4.945	215.000	
WLEY-FM2	IL	CICERO		107.90000		D 99.00 CP MOD
Unknown or New CP BPFTB-20180710AAJ WLEY LICENSING, INC.						
41-51-19.1	N	87-45-32.2	W	4.501	215.000	
WCFS-FM	IL	ELMWOOD PARK		105.90000		B 25100.00 LIC
Unknown or New CP BXLH-20050427AAI ENTERCOM LICENSE, LLC						
41-56-17.1	N	87-45-04.2	W	122.675	333.100	
WVIV-FM	IL	LEMONT		93.50000		A 3500.00 LIC
Unknown or New CP BLH-20170523AAS UNIVISION RADIO STATIONS GROUP, INC.						
41-51-30.1	N	87-57-16.2	W	108.325	341.000	
WTZI	IL	ROSEMONT		88.10000		A 300.00 LIC
Unknown or New CP BLED-20101217ABD CALVARY RADIO NETWORK, INC.						
41-57-20.1	N	87-52-02.2	W	-6.647	218.000	
WSHE-FM	IL	CHICAGO		100.30000		B 6900.00 LIC
Unknown or New CP BXLH-20150325ACD CHICAGO FCC LICENSE SUB, LLC						
41-53-06.2	N	87-37-17.9	W	332.848	542.000	
WSHE-FM	IL	CHICAGO		100.30000		B 8300.00 LIC
Unknown or New CP BXMLH-20050321AQP CHICAGO FCC LICENSE SUB, LLC						
41-53-56.1	N	87-37-23.2	W	333.291	538.000	
WSHE-FM	IL	CHICAGO		100.30000		B 5700.00 LIC
Unknown or New CP BLH-20030702AAW CHICAGO FCC LICENSE SUB, LLC						
41-53-56.1	N	87-37-23.2	W	401.846	606.000	
WAVE-FM1	IL	ELMWOOD PARK		94.30000		D 900.00 CP MOD
Unknown or New CP BMPFTB-20190411AAO EDUCATIONAL MEDIA FOUNDATION						
41-55-36.1	N	87-48-23.9	W	41.257	256.000	
WFM1	IL	CHICAGO		98.70000		B 6000.00 LIC
Unknown or New CP BXLH-20000725AAP WINDOW TO THE WORLD COMMUNICATIONS						
41-52-44.1	N	87-38-10.2	W	426.301	632.000	
WAVE-FM2	IL	CHICAGO		94.30000		D 99.00 CP MOD
Unknown or New CP BMPFTB-20190411AAL EDUCATIONAL MEDIA FOUNDATION						
41-52-50.5	N	87-38-37.2	W	154.133	359.000	
WAVE-FM3	IL	CHICAGO		94.30000		D 99.00 CP MOD
Unknown or New CP BMPFTB-20190411AAP EDUCATIONAL MEDIA FOUNDATION						
41-52-08.7	N	87-41-35.8	W	40.478	247.000	
WCRX	IL	CHICAGO		88.10000		A 100.00 LIC
Unknown or New CP BLED-19851106KH COLUMBIA COLLEGE						
41-52-22.1	N	87-38-52.1	W	20.623	226.000	
WBMX	IL	CHICAGO		104.30000		B 24200.00 DEL
Unknown or New CP BXLH-20050427AAJ ENTERCOM LICENSE, LLC						
41-56-18.1	N	87-45-05.2	W	122.342	333.000	
WBMX	IL	CHICAGO		104.30000		B 5000.00 LIC
Unknown or New CP BXLH-19890801KF ENTERCOM LICENSE, LLC						
41-52-44.1	N	87-38-10.1	W	416.812	622.000	
WBMX	IL	CHICAGO		104.30000		B 4100.00 LIC
Unknown or New CP BMLH-20011031AAC ENTERCOM LICENSE, LLC						
41-52-44.1	N	87-38-08.2	W	454.701	659.000	

FM Station in the Chicago Urbanized Area List Exhibit 21 (d)

WFMT	IL	CHICAGO	98.70000	B	6000.00	LIC
Unknown or	New	CP BXLH-20040520	AIR WINDOW TO THE WORLD COMMUNICATIONS			
41-52-44.1	N	87-38-10.2	W 437.094	641.400		
WUSN	IL	CHICAGO	99.50000	B	5700.00	LIC
Unknown or	New	CP BLH-20030611	AAT ENTERCOM LICENSE, LLC			
41-53-56.1	N	87-37-23.2	W 401.896	606.000		
WUSN	IL	CHICAGO	99.50000	B	24200.00	LIC
Unknown or	New	CP BXLH-20050502	ABF ENTERCOM LICENSE, LLC			
41-56-17.1	N	87-45-04.2	W 122.616	333.100		
WUSN	IL	CHICAGO	99.50000	B	8300.00	LIC
Unknown or	New	CP BXMLH-20050309	ABS ENTERCOM LICENSE, LLC			
41-53-56.1	N	87-37-23.2	W 333.124	538.000		
WFMT	IL	CHICAGO	98.70000	B	6000.00	LIC
Unknown or	New	CP BMLH-20090415	AAX WINDOW TO THE WORLD COMMUNICATIONS			
41-52-44.1	N	87-38-08.2	W 446.725	651.000		
WARG	IL	SUMMIT	88.90000	A	500.00	LIC
Unknown or	New	CP BLED-19851106	KC COMMUNITY HIGH SCHOOL DISTRICT #217			
41-46-36.1	N	87-48-17.2	W 3.146	218.000		
WHFH	IL	FLOSSMOOR	88.50000	A	1500.00	LIC
Unknown or	New	CP BLED-20151022	ADV COMMUNITY HIGH SCHOOL DIST. #233			
41-32-44.1	N	87-41-31.1	W 5.900	236.000		
WFMT	IL	CHICAGO	98.70000	B	6000.00	LIC
Unknown or	New	CP BXMLH-20090415	AAY WINDOW TO THE WORLD COMMUNICATIONS			
41-52-44.1	N	87-38-10.2	W 435.852	641.400		
WRTE	IL	CHICAGO	90.70000	D	6.00	LIC
Unknown or	New	CP BLED-20140206	ADD CHICAGO PUBLIC MEDIA			
41-52-25.1	N	87-39-04.1	W 82.517	288.000		
WBEZ	IL	CHICAGO	91.50000	B	8400.00	CP MOD
Unknown or	New	CP BXPED-20181113	AAS CHICAGO PUBLIC MEDIA INC			
41-53-56.1	N	87-37-23.2	W 334.649	538.900		
WBEZ	IL	CHICAGO	91.50000	B	5600.00	LIC
Unknown or	New	CP BXLED-20030618	AAR CHICAGO PUBLIC MEDIA INC			
41-53-56.1	N	87-37-23.2	W 401.903	606.000		
WBEZ	IL	CHICAGO	91.50000	B	5700.00	LIC
Unknown or	New	CP BLED-20101206	AAE CHICAGO PUBLIC MEDIA INC			
41-53-56.1	N	87-37-23.2	W 401.623	605.700		
WBEZ	IL	CHICAGO	91.50000	B	7500.00	CP MOD
Unknown or	New	CP BXPED-20181113	AAT CHICAGO PUBLIC MEDIA INC			
41-53-56.1	N	87-37-23.2	W 353.525	557.600		
WCKL	IL	CHICAGO	97.90000	B	6000.00	LIC
Unknown or	New	CP BXMLH-20050323	AAQ EDUCATIONAL MEDIA FOUNDATION			
41-53-56.1	N	87-37-23.2	W 328.691	538.000		
WKKC	IL	CHICAGO	89.30000	A	280.00	LIC
Unknown or	New	CP BLED-20070925	AHP BOARD OF TRUSTEES COMMUNITY COLLEGE DIST.			
41-46-48.1	N	87-38-38.1	W 9.829	215.800		
WOJO	IL	EVANSTON	105.10000	B	5700.00	LIC
Unknown or	New	CP BLH-20030616	ACT TICHENOR LICENSE CORPORATION			
41-53-56.1	N	87-37-23.2	W 400.432	606.000		

FM Station in the Chicago Urbanized Area List Exhibit 21 (d)

WOJO	IL	EVANSTON	105.10000	B	8400.00	LIC
Unknown or New	CP	BXMLH-20051205ACA	TICHENOR LICENSE CORPORATION			
41-53-56.1	N	87-37-23.2	W 333.739	538.000		
WBBM-FM	IL	CHICAGO	96.30000	B	1400.00	LIC
Unknown or New	CP	BLH-19920218KB	ENTERCOM LICENSE, LLC			
41-52-44.1	N	87-38-10.1	W 417.721	624.000		
WRME-LP	IL	CHICAGO	82.12500	TV	3000.00	CP
Unknown or New	CP	BDFCDVL-20130114ACW	WLFM, LLC			
41-53-56.1	N	87-37-23.2	W 361.250	565.600		
WBBM-FM	IL	CHICAGO	96.30000	B	3300.00	LIC
Unknown or New	CP	BLH-20100517AFR	ENTERCOM LICENSE, LLC			
41-52-44.1	N	87-38-08.2	W 450.622	655.000		
WBBM-FM	IL	CHICAGO	96.30000	B	19000.00	LIC
Unknown or New	CP	BXLH-20050427AAG	ENTERCOM LICENSE, LLC			
41-56-17.1	N	87-45-04.2	W 122.582	333.100		
WTMX	IL	SKOKIE	101.90000	B	4200.00	LIC
Unknown or New	CP	BLH-20020722ABF	CHICAGO FCC LICENSE SUB, LLC			
41-52-44.1	N	87-38-08.2	W 451.851	657.000		
WTMX	IL	SKOKIE	101.90000	B	4400.00	LIC
Unknown or New	CP	BLH-19901019KB	CHICAGO FCC LICENSE SUB, LLC			
41-53-56.1	N	87-37-23.2	W 328.791	533.000		
WRME-LP	IL	CHICAGO	82.12500	TV	3000.00	LIC
Unknown or New	CP	BLTVL-20100111AIE	WLFM, LLC			
41-53-56.1	N	87-37-23.2	W 361.509	565.600		
WRSE	IL	ELMHURST	88.70000	A	320.00	LIC
Unknown or New	CP	BLED-20080812ACW	BD. OF TRUSTEES, ELMHURST COLLEGE			
41-53-46.1	N	87-56-45.2	W 4.907	236.000		
WHSD	IL	HINSDALE	88.50000	A	125.00	LIC
Unknown or New	CP	BLED-19860522KA	HINSDALE TWSP. HIGH SCH. DIST. #86			
41-47-18.1	N	87-56-02.2	W 19.799	254.000		
WLIT-FM	IL	CHICAGO	93.90000	B	6000.00	LIC
Unknown or New	CP	BLH-19900116KC	AMFM BROADCASTING LICENSES, LLC			
41-53-56.1	N	87-37-23.2	W 333.160	541.000		
WLIT-FM	IL	CHICAGO	93.90000	B	4000.00	LIC
Unknown or New	CP	BMLH-20140908AEF	AMFM BROADCASTING LICENSES, LLC			
41-52-44.1	N	87-38-08.2	W 458.186	663.000		
WXAV	IL	CHICAGO	88.30000	A	250.00	APP
Unknown or New	CP	0000093187	ST. XAVIER COLLEGE			
41-42-38.2	N	87-42-54.7	W 12.471	223.500		
WXAV	IL	CHICAGO	88.30000	A	150.00	LIC
Unknown or New	CP	BLED-19910819KB	ST. XAVIER COLLEGE			
41-42-37.1	N	87-42-54.1	W 12.208	224.000		
WGVE-FM	IN	GARY	88.70000	A	2100.00	LIC
Unknown or New	CP	BLED-714	GARY COMMUNITY SCHOOL CORP.			
41-33-15.1	N	87-19-05.1	W 5.006	219.000		
WKQX	IL	CHICAGO	101.10000	B	8300.00	LIC
Unknown or New	CP	BXMLH-20050322AJD	RADIO LICENSE HOLDINGS LLC			

FM Station in the Chicago Urbanized Area List Exhibit 21 (d)

41-53-56.1	N	87-37-23.2	W	331.014	538.000		
WKQX	IL	CHICAGO		101.10000	B	5700.00	LIC
Unknown or	New	CP BMLH-20110629BQS					RADIO LICENSE HOLDINGS LLC
41-53-56.1	N	87-37-23.2	W	401.562	606.000		
WXRT	IL	CHICAGO		93.10000	B	6700.00	LIC
Unknown or	New	CP BLH-19810930AF					ENTERCOM LICENSE, LLC
41-53-56.1	N	87-37-23.2	W	374.880	579.000		
WGCI-FM	IL	CHICAGO		107.50000	B	3700.00	LIC
Unknown or	New	CP BLH-20010413AAL					AMFM BROADCASTING LICENSES, LLC
41-52-44.1	N	87-38-08.2	W	448.651	653.000		
WGCI-FM	IL	CHICAGO		107.50000	B	6000.00	LIC
Unknown or	New	CP BXLH-20130826AEJ					AMFM BROADCASTING LICENSES, LLC
41-52-57.1	N	87-38-15.2	W	162.650	367.000		
WSSR	IL	JOLIET		96.70000	A	3100.00	LIC
Unknown or	New	CP BLH-20080402AAF					ALPHA MEDIA LICENSEE LLC
41-36-01.1	N	87-58-44.2	W	121.348	349.000		
WYHI	IL	PARK FOREST		99.90000	B	50000.00	LIC
Unknown or	New	CP BMLED-20180320ABQ					BIBLE BROADCASTING NETWORK, INC.
41-18-04.1	N	87-49-35.2	W	123.879	359.000		
WYHI	IL	PARK FOREST		99.90000	B	3500.00	LIC
Unknown or	New	CP BXLH-20040408AAN					BIBLE BROADCASTING NETWORK, INC.
41-27-15.1	N	87-43-22.2	W	103.890	352.000		
WZRD	IL	CHICAGO		88.30000	A	100.00	LIC
Unknown or	New	CP BLEED-19850221KP					NORTHEASTERN ILLINOIS UNIVERSITY
41-58-56.1	N	87-43-07.2	W	-1.365	209.000		
WCKL	IL	CHICAGO		97.90000	B	4000.00	LIC
Unknown or	New	CP BMLED-20180314AAK					EDUCATIONAL MEDIA FOUNDATION
41-53-56.1	N	87-37-23.2	W	396.473	606.000		
WDRV	IL	CHICAGO		97.10000	B	3000.00	LIC
Unknown or	New	CP BXLH-20070301AAS					CHICAGO FCC LICENSE SUB, LLC
41-53-56.1	N	87-37-23.2	W	373.486	583.000		
WVUR-FM	IN	VALPARAISO		95.10000	D	36.00	LIC
Unknown or	New	CP BLEED-19820920AL					THE LUTHERAN UNIVERSITY ASSOC., INC
41-27-57.1	N	87-02-29.1	W	14.412	262.000		
WPWX	IN	HAMMOND		92.30000	B	4000.00	APP
Unknown or	New	CP 0000101061					DONTRON, INC.
41-34-44.0	N	87-32-47.0	W	83.528	300.300		
WWHN-FM	IL	IRONDALE		88.90000	A	100.00	LIC
Unknown or	New	CP BLEED-20141001CDE					HAWKINS COMMUNICATIONS COMPANY
41-42-30.1	N	87-31-25.1	W	3.991	209.000		
WRRG	IL	RIVER GROVE		88.90000	A	100.00	LIC
Unknown or	New	CP BLEED-19860926KC					TRITON COLLEGE
41-54-56.1	N	87-50-12.2	W	16.236	234.000		
WLS-FM	IL	CHICAGO		94.70000	B	4400.00	LIC
Unknown or	New	CP BLH-20001027ABQ					RADIO LICENSE HOLDINGS LLC
41-52-44.1	N	87-38-08.2	W	442.945	649.000		
WDRV	IL	CHICAGO		97.10000	B	8300.00	LIC

FM Station in the Chicago Urbanized Area List Exhibit 21 (d)

Unknown or New	CP BLH-20090921ABG	CHICAGO FCC LICENSE SUB, LLC
41-53-06.1	N 87-37-18.2 W 338.160	542.000
WWHN-FM	IL IRONDALE	88.90000 A 100.00 CP MOD
Unknown or New	CP BPED-20180312ABU	HAWKINS COMMUNICATIONS COMPANY
41-40-48.2	N 87-32-37.3 W 2.426	206.700
WPWX	IN HAMMOND	92.30000 B 30000.00 LIC
Unknown or New	CP BXLH-19890630KC	DONTRON, INC.
41-37-50.1	N 87-31-40.2 W 94.255	300.000
WPWX	IN HAMMOND	92.30000 B 50000.00 LIC
Unknown or New	CP BMLH-20110815ACZ	DONTRON, INC.
41-37-50.1	N 87-31-40.2 W 127.276	333.000
WLS-FM	IL CHICAGO	94.70000 B 6500.00 CP MOD
Unknown or New	CP BXPB-20190729AAG	RADIO LICENSE HOLDINGS LLC
41-53-56.1	N 87-37-23.2 W 333.719	538.000
WVAZ	IL OAK PARK	102.70000 B 5500.00 LIC
Unknown or New	CP BXMLH-20150622AFK	AMFM BROADCASTING LICENSES, LLC
41-53-56.1	N 87-37-23.2 W 333.900	538.000
WVAZ	IL OAK PARK	102.70000 B 48000.00 LIC
Unknown or New	CP BXLH-20131112AOI	AMFM BROADCASTING LICENSES, LLC
41-51-39.1	N 87-41-12.2 W 51.468	258.000
WZVN	IN LOWELL	107.10000 A 2650.00 LIC
Unknown or New	CP BLH-20120130AAZ	ADAMS RADIO OF NORTHERN INDIANA, LLC
41-19-24.0	N 87-21-22.0 W 121.490	361.500
WLS-FM	IL CHICAGO	94.70000 B 4500.00 CP MOD
Unknown or New	CP BXPB-20190729AAF	RADIO LICENSE HOLDINGS LLC
41-53-56.1	N 87-37-23.2 W 397.434	606.000
WYCA	IL CRETE	102.30000 A 1050.00 LIC
Unknown or New	CP BLH-20000124AAU	DONTRON INC.
41-19-32.1	N 87-37-15.1 W 127.508	370.000
WVAZ	IL OAK PARK	102.70000 B 3800.00 LIC
Unknown or New	CP BLH-20150622AFI	AMFM BROADCASTING LICENSES, LLC
41-53-56.1	N 87-37-23.2 W 397.123	606.000
WSRB	IL LANSING	106.30000 A 4100.00 LIC
Unknown or New	CP BLH-20031219AAA	DONTRON, INC.
41-34-44.1	N 87-32-47.2 W 93.559	309.000
WLTL	IL LA GRANGE	88.10000 A 180.00 LIC
Unknown or New	CP BLED-19850903KW	LYONS TOWNSHIP HIGH SCHOOL
41-48-45.1	N 87-52-51.2 W 0.743	229.000
WAVE	IL GLENDALE HEIGHTS	94.30000 A 3500.00 LIC
Unknown or New	CP BMLD-20170530ABV	EDUCATIONAL MEDIA FOUNDATION
41-51-30.1	N 87-57-16.2 W 107.707	341.000
WXRT	IL CHICAGO	93.10000 B 14000.00 LIC
Unknown or New	CP BXMLH-20041004ABT	ENTERCOM LICENSE, LLC
41-56-18.1	N 87-45-05.2 W 127.635	340.000
WBMF	IL CRETE	88.10000 A 90.00 LIC
Unknown or New	CP BLED-20020822AAA	FAMILY WORSHIP CENTER CHURCH, INC.
41-25-17.1	N 87-38-39.2 W 87.412	330.000

FM Station in the Chicago Urbanized Area List Exhibit 21 (d)

WEBG	IL	CHICAGO	95.50000	B	5300.00	LIC
Unknown or	New	CP BLH-20150622AFL	AMFM BROADCASTING LICENSES, LLC			
41-53-56.1	N	87-37-23.2	W 401.324	606.000		
WEBG	IL	CHICAGO	95.50000	B	3000.00	LIC
Unknown or	New	CP BXMLH-20150622AAE	AMFM BROADCASTING LICENSES, LLC			
41-52-44.1	N	87-38-08.2	W 458.581	663.000		
WEBG	IL	CHICAGO	95.50000	B	8000.00	LIC
Unknown or	New	CP BXMLH-20150622AFN	AMFM BROADCASTING LICENSES, LLC			
41-53-56.1	N	87-37-23.2	W 333.882	538.000		
WBEK	IL	KANKAKEE	91.10000	A	2600.00	LIC
Unknown or	New	CP BLED-20080324AAC	CHICAGO PUBLIC MEDIA, INC.			
41-09-39.0	N	87-52-30.0	W 51.730	271.200		
WDSO	IN	CHESTERTON	88.30000	A	400.00	LIC
Unknown or	New	CP BMLED-20180913AAX	DUNELAND SCHOOL CORP.			
41-36-31.6	N	87-03-37.6	W 13.551	241.000		
WKSC-FM	IL	CHICAGO	103.50000	B	4300.00	LIC
Unknown or	New	CP BLH-20010413AAM	AMFM BROADCASTING LICENSES, LLC			
41-52-44.1	N	87-38-08.2	W 446.864	653.000		
WKSC-FM	IL	CHICAGO	103.50000	B	17000.00	LIC
Unknown or	New	CP BMLH-19880316KB	AMFM BROADCASTING LICENSES, LLC			
41-53-05.1	N	87-37-23.1	W 235.481	443.000		
WONU	IL	KANKAKEE	89.70000	B	35000.00	LIC
Unknown or	New	CP BLED-19860908KA	OLIVET NAZARENE UNIVERSITY			
41-09-24.1	N	87-52-16.1	W 99.400	322.000		
WKSC-FM	IL	CHICAGO	103.50000	B	4200.00	DEL
Unknown or	New	CP BLH-19830719AF	AMFM BROADCASTING LICENSES, LLC			
41-52-44.1	N	87-38-10.1	W 446.319	653.000		
WHPK	IL	CHICAGO	88.50000	A	160.00	LIC
Unknown or	New	CP BLED-20160219ABT	UNIVERSITY OF CHICAGO			
41-47-04.5	N	87-36-01.0	W 20.551	224.600		
WKSC-FM	IL	CHICAGO	103.50000	B	4200.00	DEL
Unknown or	New	CP BLH-19830223AI	AMFM BROADCASTING LICENSES, LLC			
41-52-44.1	N	87-38-10.1	W 448.638	653.000		
WHPK	IL	CHICAGO	88.50000	A	52.00	LIC
Unknown or	New	CP BXLED-20160311AAK	UNIVERSITY OF CHICAGO			
41-47-04.5	N	87-36-01.0	W 12.756	216.800		
WNTH	IL	WINNETKA	88.10000	A	54.00	CP MOD
Unknown or	New	CP BPED-20190509AAO	BOARD OF EDUCATION NEW TRIER TOWNSHIP DISTRICT			
203						
42-05-38.9	N	87-43-08.5	W 19.209	228.000		
WNTH	IL	WINNETKA	88.10000	A	100.00	LIC
Unknown or	New	CP BLED-19860210KF	BOARD OF EDUCATION NEW TRIER TOWNSHIP DISTRICT			
203						
42-05-40.1	N	87-43-07.2	W 8.642	218.000		
WMTH	IL	PARK RIDGE	90.50000	D	8.00	LIC
Unknown or	New	CP BLED-19850916KI	BOARD OF EDUCATION, MAINE TWP. #207			
42-02-14.1	N	87-51-30.2	W 8.130	230.000		
WPPN	IL	DES PLAINES	106.70000	B	50000.00	LIC

FM Station in the Chicago Urbanized Area List Exhibit 21 (d)

Unknown or New CP BLH-19990818KA UNIVISION RADIO STATIONS GROUP, INC.
42-08-14.1 N 87-58-57.3 W 101.542 347.000

WPPN IL DES PLAINES 106.70000 B 50000.00 LIC
Unknown or New CP BXLH-20050311ADS UNIVISION RADIO STATIONS GROUP, INC.
42-08-14.1 N 87-58-57.3 W 43.594 292.000

WLWV IL CHICAGO 88.70000 A 100.00 LIC
Unknown or New CP BLED-19840904CR LOYOLA UNIVERSITY OF CHICAGO
42-00-04.1 N 87-39-36.2 W 42.543 253.000

WMXM IL LAKE FOREST 88.90000 A 295.00 LIC
Unknown or New CP BLED-20100322ABP LAKE FOREST COLLEGE
42-14-59.1 N 87-49-44.2 W 9.424 233.000

WPNA-FM IL HIGHLAND PARK 103.10000 A 6000.00 LIC
Unknown or New CP BLH-19990730KB ALLIANCE RADIO, LLC
42-08-14.1 N 87-58-57.3 W 70.606 318.000

WLXC IL WAUKEGAN 102.30000 A 3000.00 LIC
Unknown or New CP BLH-19850122LR ALPHA MEDIA LICENSEE LLC
42-20-59.1 N 87-52-53.3 W 71.926 309.000

WAES IL LINCOLNSHIRE 88.10000 A 150.00 LIC
Unknown or New CP BLED-20011120AAK ADLAI E. STEVENSON HS DIST. 125
42-11-59.1 N 87-56-49.3 W -14.587 227.000

WCPY IL ARLINGTON HEIGHTS 92.70000 A 1800.00 LIC
Unknown or New CP BLH-20000211ABB WKIE, INC.
42-08-14.1 N 87-58-57.3 W 86.078 334.000

WNUR-FM IL EVANSTON 89.30000 B1 7200.00 LIC
Unknown or New CP BLED-1609 NORTHWESTERN UNIVERSITY
42-03-12.1 N 87-40-33.2 W 4.845 218.000

WGBK IL GLENVIEW 88.50000 A 185.00 LIC
Unknown or New CP BLED-19990913AAD GLENBROOK HIGH SCHOOL DISTRICT
42-06-39.1 N 87-49-56.2 W 3.318 226.000

AM Stations in the Chicago Urbanized Area list

CALL FORMAT	ST LATITUDE	CITY ARN LONGITUDE	FREQ OWNER	PAT	AG	PWR	DESC
----------------	----------------	--------------------------	---------------	-----	----	-----	------

Exhibit 21 (d)

WBBM	IL	CHICAGO BL20190517ABF	780.00000 LD			35.000	ND2
41-56-03.0	N	88-04-22.0 W	ENTERCOM LICENSE, LLC				
WSPY	IL	GENEVA BL	1480.00000 LD	AG		1.000	DA2
41-54-25.0	N	88-17-43.0 W	NELSON MULTIMEDIA, INC.				
WJOL	IL	JOLIET BL19980924AD	1340.00000 LU			1.000	ND1
41-32-06.0	N	88-03-15.0 W	ALPHA MEDIA LICENSEE LLC				
WMBI	IL	CHICAGO BL19970910KA	1110.00000 LD			4.200	NDD
41-55-41.0	N	88-00-25.0 W	THE MOODY BIBLE INSTITUTE OF CHICAGO				
WWHN	IL	JOLIET BL19900605AF	1510.00000 LD			1.000	NDD
41-30-50.0	N	88-03-10.0 W	HAWKINS BROADCASTING COMPANY				
WSCR	IL	CHICAGO BML20131023ALN	670.00000 LD			50.000	ND2
41-56-03.0	N	88-04-22.0 W	ENTERCOM LICENSE, LLC				
WBIG	IL	AURORA BL	1280.00000 LD	AG		1.000	DA2
41-46-10.0	N	88-14-44.0 W	AURIL BROADCASTING LLC				
WGN	IL	CHICAGO BL	720.00000 LU			50.000	ND1
42-00-42.0	N	88-02-07.0 W	TRIBUNE MEDIA COMPANY				
WRMN	IL	ELGIN BL20081023ACB	1410.00000 LD			1.000	DAN
42-00-21.0	N	88-17-55.0 W	ELGIN COMMUNITY BROADCASTING LLC				
WAIT	IL	CRYSTAL LAKE BL19851218AG	850.00000 LD			2.500	DAD
42-15-30.0	N	88-21-48.0 W	CHICAGO NEWSWEB CORPORATION				
WNVR	IL	VERNON HILLS BP20170801AEO	1030.00000 CD			25.000	DA3
42-15-10.0	N	88-23-45.0 W	POLNET COMMUNICATIONS, LTD.				
WMFN	IL	PEOTONE BMML20171013AHI,ÜA ,ÜA (fjñø jñiñ]	640.00000 LD			4.400	DA2
41-18-04.0	N	87-50-07.0 W	BIRACH BROADCASTING CORPORATION				
WCEV	IL	CICERO BL19790830AC	1450.00000 LU			1.000	ND1
41-49-57.0	N	87-42-20.0 W	MIGALA COMMUNICATIONS CORPORATION				
WCPT	IL	WILLOW SPRINGS BL20151223BUO	820.00000 LD			5.800	ND2
41-58-53.0	N	87-46-20.0 W	WYPA, INC.				
WRT0	IL	CHICAGO BMML20100517AFU,ÜA ,ÜA ø	1200.00000 LD			20.000	DA2

Exhibit 21 (d)

AM Stations in the Chicago Urbanized Area list						
UNIVISION RADIO STATIONS GROUP, INC.						
41-39-43.0	N	87-37-48.0	W			
WSBC	IL	CHICAGO	1240.00000	LU	1.000	ND1
		BML19970214AA	WSBC, INC.			
41-58-53.0	N	87-46-20.0	W			
WLTH	IN	GARY	1370.00000	CD	1.000	ND2
		BP20190618AAH	WLTH RADIO, INC.			
41-34-17.0	N	87-19-02.0	W			
WMVP	IL	CHICAGO	1000.00000	LD AG	50.000	DA2
		BL20070118AFE	SPORTS RADIO CHICAGO, LLC			
41-49-05.0	N	87-59-18.0	W			
WCKG	IL	ELMHURST	1530.00000	CD	4.000	DAD
		BP20190604AAV	DUPAGE RADIO, LLC			
41-52-03.0	N	87-55-07.0	W			
WVON	IL	BERWYN	1690.00000	LD	10.000	ND2
		BL20031001CGE	CC LICENSES, LLC			
41-44-14.0	N	87-42-04.0	W			
WGRB	IL	CHICAGO	1390.00000	LD AG	5.000	DA2
		BL	AMFM BROADCASTING LICENSES, LLC			
41-44-13.0	N	87-42-00.0	W			
WLTH	IN	GARY	1370.00000	LD	1.000	DAN
		BL19850624AI	WLTH RADIO, INC.			
41-34-17.0	N	87-19-02.0	W			
WIND	IL	CHICAGO	560.00000	LD	5.000	DA2
		BL14374	SALEM MEDIA OF ILLINOIS, LLC			
41-33-54.0	N	87-25-11.0	W			
WNWI	IL	OAK LAWN	1080.00000	LD	5.000	DAN
		BMMML20160304ACB,ÜA ,ÜA °Sñ` SñI%]	BIRACH BROADCASTING CORPORATION			
41-38-34.0	N	87-38-44.0	W			
WNDZ	IN	PORTAGE	750.00000	LD	15.000	DAD
		BL20070419AET	WNDZ, INC.			
41-33-49.0	N	87-09-18.0	W			
WNTD	IL	CHICAGO	950.00000	LD	1.000	DAN
		BL19971124KA	RELEVANT RADIO, INC.			
41-51-39.0	N	87-41-12.0	W			
WAKE	IN	VALPARAISO	1500.00000	CD	0.250	DA2
		BP20180504ABA	MARION R. WILLIAMS			
41-32-20.0	N	87-17-59.0	W			
WLS	IL	CHICAGO	890.00000	LU	50.000	ND1
		BL19860731AL	RADIO LICENSE HOLDINGS LLC			
41-33-21.0	N	87-50-54.0	W			
WBGX	IL	HARVEY	1570.00000	LD	1.100	DA2
		BL20080909AED	GREAT LAKES RADIO-CHICAGO, L.L.C.			
41-36-14.0	N	87-40-45.0	W			
WRLI	IL	CICERO	1450.00000	LU	1.000	ND1
		BL19790802AE	MIDWAY BROADCASTING CORPORATION			
41-49-57.0	N	87-42-20.0	W			

Exhibit 21(2)

AM Stations in the Chicago Urbanized Area list						
WJOB	IN	HAMMOND	1230.00000 LU	1.000	ND1	
41-35-49.0 N	87-28-45.0 W	BL19990728DE	VAZQUEZ DEVELOPMENT, LLC			
WCKG	IL	ELMHURST	1530.00000 LD	0.760	DAD	
41-52-03.0 N	87-55-07.0 W	BL19960524AA	DUPAGE RADIO, LLC			
WRDZ	IL	LA GRANGE	1300.00000 LD	4.500	DA2	
41-40-29.0 N	87-45-45.0 W	BL19920803AD	POLNET COMMUNICATIONS, LTD.			
WPNA	IL	OAK PARK	1490.00000 LU	1.000	ND1	
41-52-52.0 N	87-47-38.0 W	BL	ALLIANCE COMMUNICATIONS, INC.			
WWCA	IN	GARY	1270.00000 LD AG	1.000	1.0	
41-31-40.0 N	87-22-36.0 W	BML20180403ABL	RELEVANT RADIO, INC.			
WEEF	IL	DEERFIELD	1430.00000 LD	1.600	DA2	
42-08-22.0 N	87-53-07.0 W	BMML20120919ACW,ÜA ,ÜA L^Zü...Züi%]	POLNET COMMUNICATIONS, LTD.			
WKTA	IL	EVANSTON	1330.00000 LD AG	5.000	DA2	
42-08-22.0 N	87-53-07.0 W	BMML20121023ACT,ÜA ,ÜA ,N[üÜK[üÄ%]	POLNET COMMUNICATIONS, LTD.			
WKRS	IL	WAUKEGAN	1220.00000 LD AG	1.000	DA2	
42-20-59.0 N	87-52-53.0 W	BL	ALPHA MEDIA LICENSEE LLC			
WYLL	IL	CHICAGO	1160.00000 LD AG	50.000	DA2	
42-02-30.0 N	87-51-57.0 W	BMML20141202ACO,ÜA ,ÜA "©]üD\$]üi%]	SALEM MEDIA OF MASSACHUSETTS, LLC			
WCGO	IL	EVANSTON	1590.00000 LD	10.000	DAN	
42-01-18.0 N	87-42-41.0 W	BL20140618ABP	EVANSTON BROADCASTING LLC			

Exhibit 21 (d) Population of and Growth between 2000 and 2010

Somonanuk IL

Historical population		
Census	Pop.	%±
2000	1,295	
2010	1,893	46.2%
U.S. Decennial Census ^[12]		

Geneva IL

Historical population		
Census	Pop.	%±
2000	19,515	
2010	21,495	10.1%
U.S. Decennial Census ^[30]		

Google Maps

Somonauk

Village of Somonauk, 2.43 sq Mi 6.28 Sq Km

EXHIBIT 21 (f)



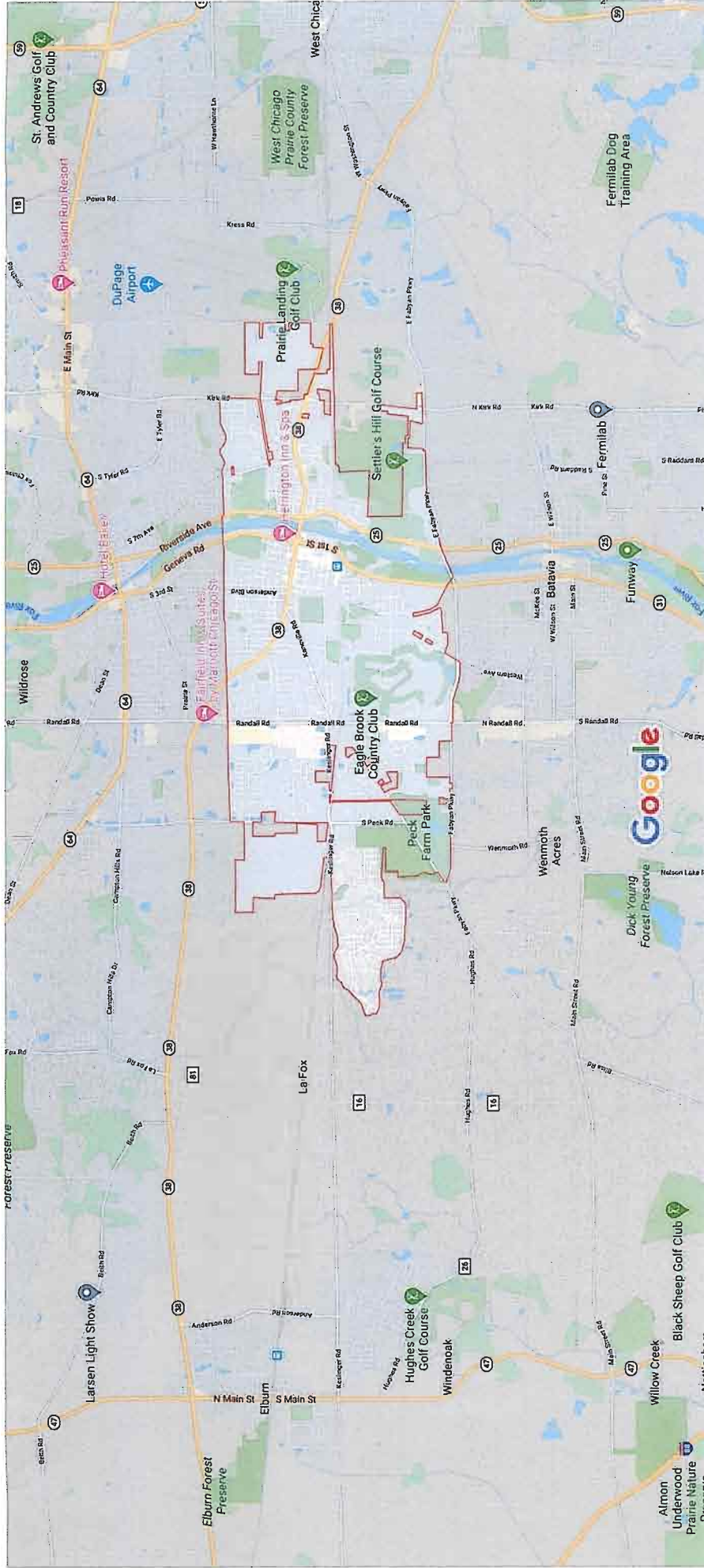
Map data ©2020 2000 ft

Google Maps

Geneva

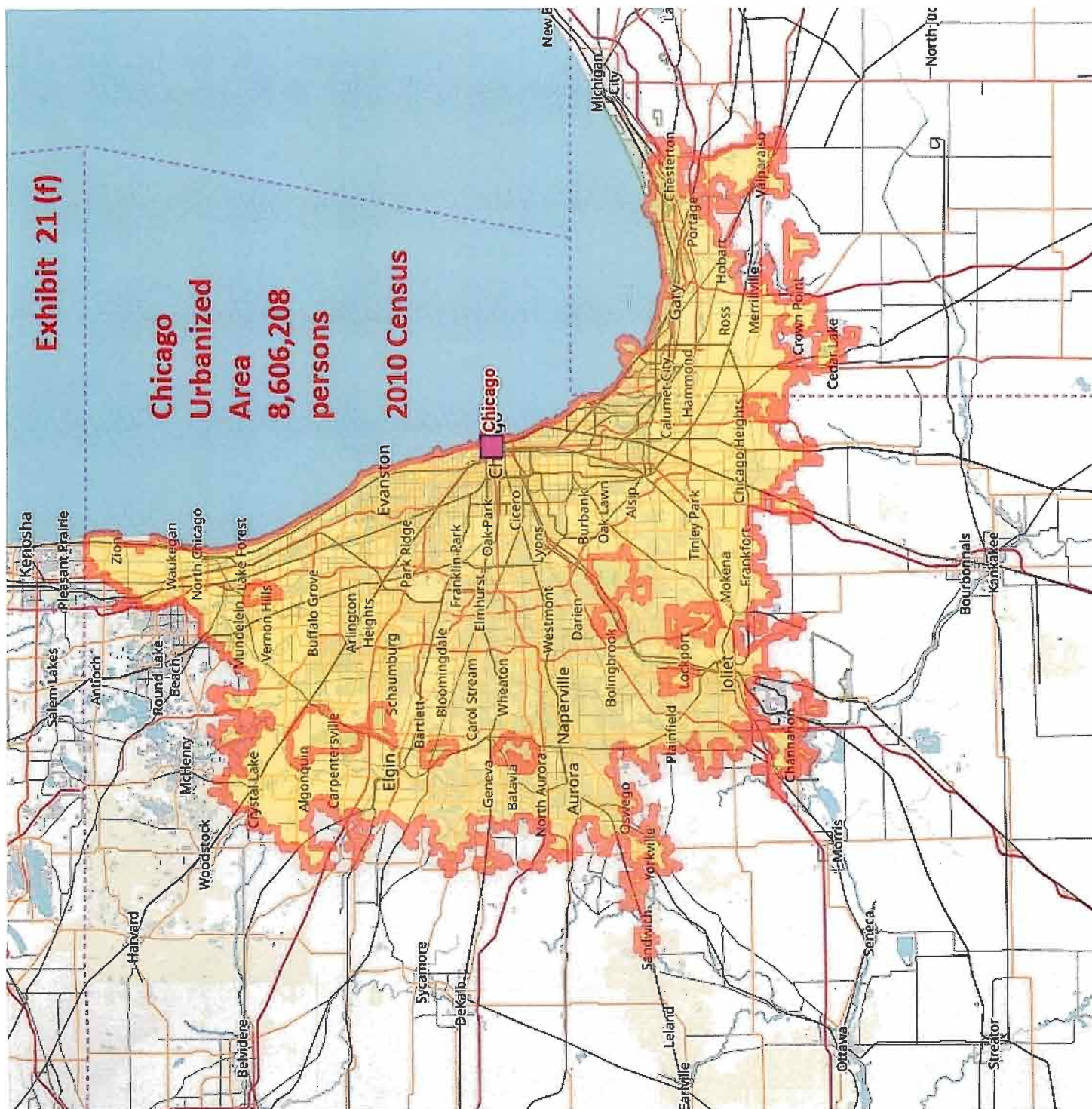
10.0 sq mi. 25.27 sq KM

EXHIBIT 21 (F)

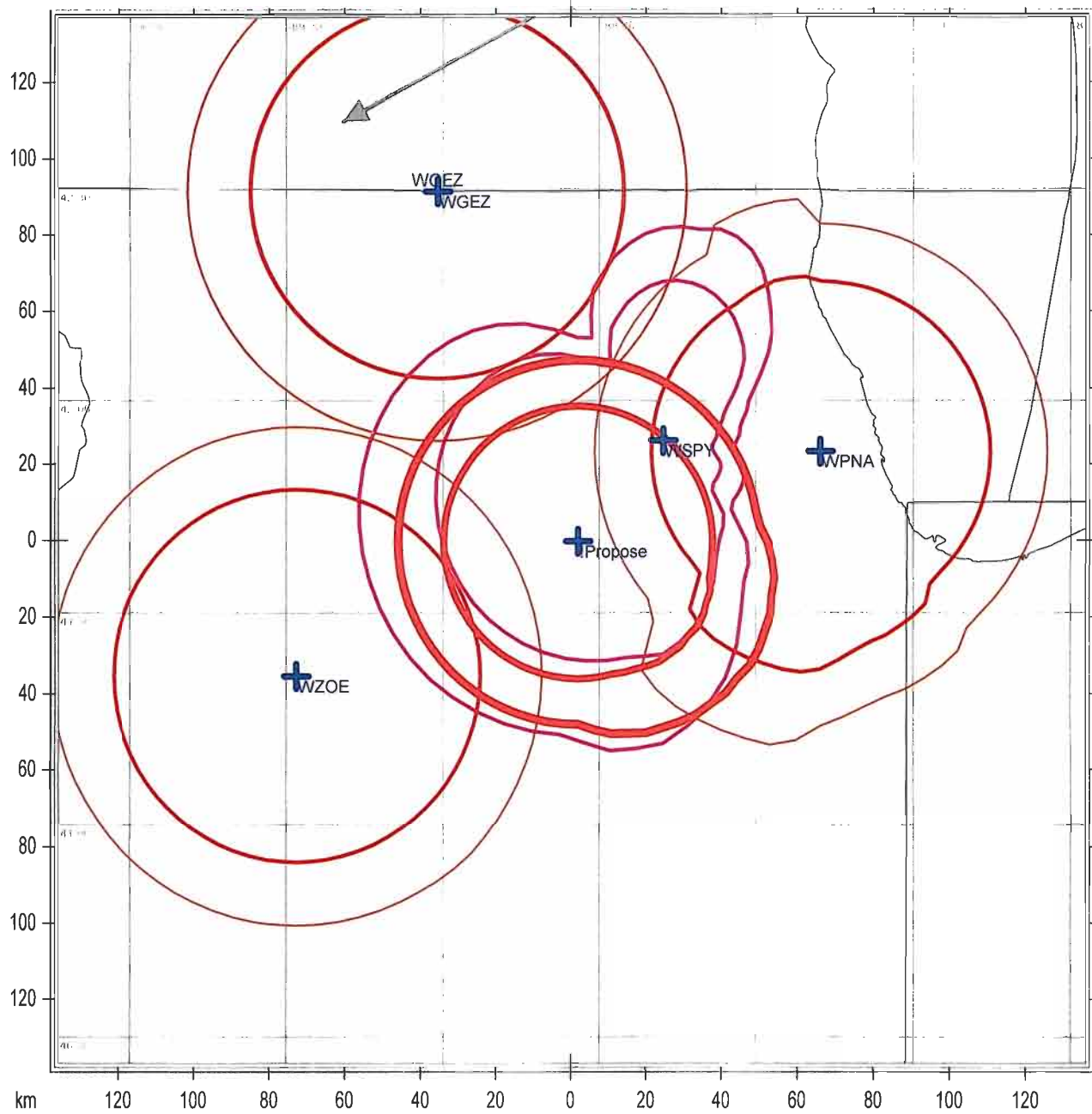


Map data ©2020 1 mi

**Chicago
Urbanized
Area
8,606,208
persons
2010 Census**



WSPY 1480 New & First adj. 1470 and 1490 Khz



Red thick = .5mv/m Thin Red = .24mv/m

CALL FORMAT	ST LATITUDE	AM Service CITY ARN LONGITUDE	left covering FREQ OWNER	WSPY PAT	Curent AG	5mv-m PWR	Exh. 21 (h) DESC
.			1480.00000 LD			0.250	
41-40-06.0	N	88-34-06.0 W					
WSCR	IL	CHICAGO	670.00000 LD			50.000	ND2
		BML20131023ALN	ENTERCOM LICENSE, LLC				
41-56-03.0	N	88-04-22.0 W					
WMBI	IL	CHICAGO	1110.00000 LD			4.200	NDD
		BL19970910KA	THE MOODY BIBLE INSTITUTE OF CHICAGO				
41-55-41.0	N	88-00-25.0 W					
WBBM	IL	CHICAGO	780.00000 LD			35.000	ND2
		BL20190517ABF	ENTERCOM LICENSE, LLC				
41-56-03.0	N	88-04-22.0 W					
WGN	IL	CHICAGO	720.00000 LU			50.000	ND1
		BL	TRIBUNE MEDIA COMPANY				
42-00-42.0	N	88-02-07.0 W					
WRMN	IL	ELGIN	1410.00000 LD			1.000	DAN
		BL20081023ACB	ELGIN COMMUNITY BROADCASTING LLC				
42-00-21.0	N	88-17-55.0 W					
WLS	IL	CHICAGO	890.00000 LU			50.000	ND1
		BL19860731AL	RADIO LICENSE HOLDINGS LLC				
41-33-21.0	N	87-50-54.0 W					
WYLL	IL	CHICAGO	1160.00000 LD	AG		50.000	DA2
		BMML20141202ACOI±è,Î±è,à	SALEM MEDIA OF MASSACHUSETTS, LLC				
42-02-30.0	N	87-51-57.0 W					
WSPY	IL	GENEVA	1480.00000 LD	AG		1.000	DA2
		BL	NELSON MULTIMEDIA, INC.				
41-54-25.0	N	88-17-43.0 W					
.	IL	GENEVA	1480.00000 LD	AG		1.000	DA2
		BL	NELSON MULTIMEDIA, INC.				
41-54-25.0	N	88-17-43.0 W					
WMBI	IL	CHICAGO	1110.00000 LD			4.200	NDD
		BL19970910KA	THE MOODY BIBLE INSTITUTE OF CHICAGO				
41-55-41.0	N	88-00-25.0 W					
WKBM	IL	SANDWICH	930.00000 LD			2.500	DA2
		BL19880328AI	RELEVANT RADIO, INC.				
41-36-26.0	N	88-27-11.0 W					
WBBM	IL	CHICAGO	780.00000 LD			35.000	ND2
		BL20190517ABF	ENTERCOM LICENSE, LLC				
41-56-03.0	N	88-04-22.0 W					
WBIG	IL	AURORA	1280.00000 LD	AG		1.000	DA2
		BL	AURIL BROADCASTING LLC				
41-46-10.0	N	88-14-44.0 W					
WNVR	IL	VERNON HILLS	1030.00000 CD			25.000	DA3
		BP20170801AEO	POLNET COMMUNICATIONS, LTD.				

42-15-10.0 N AM Service left covering WSPY Curent 5mv-m Exh. 21 (h)
 88-23-45.0 W
 WAIT IL CRYSTAL LAKE 850.00000 LD 2.500 DAD
 BL19851218AG CHICAGO NEWSWEB CORPORATION
 42-15-30.0 N 88-21-48.0 W
 WRMN IL ELGIN 1410.00000 LD 1.000 DAN
 BL20081023ACB ELGIN COMMUNITY BROADCASTING LLC
 42-00-21.0 N 88-17-55.0 W
 WMVP IL CHICAGO 1000.00000 LD AG 50.000 DA2
 BL20070118AFE SPORTS RADIO CHICAGO, LLC
 41-49-05.0 N 87-59-18.0 W
 WCKG IL ELMHURST 1530.00000 CD 4.000 DAD
 BP20190604AAV DUPAGE RADIO, LLC
 41-52-03.0 N 87-55-07.0 W
 WYLL IL CHICAGO 1160.00000 LD AG 50.000 DA2
 BMML20141202ACOI±è₁ī±è₁α,ρ T*ρ æ ¶ SALEM MEDIA OF
 MASSACHUSETTS, LLC
 42-02-30.0 N 87-51-57.0 W

FM providing Service to all or part of WSPY current Service Exh 21(h)

CALL	ST	CITY	FREQ	CHN	CL	ERP	STAT
FORMAT		ARN	OWNER				
LATITUDE		LONGITUDE	HAAT:f	AMSL:f			

WERV-FM	IL	AURORA	95.90000		A	3000.00	LIC
Unknown or New	CP	BXMLH-20010314AAG	ALPHA MEDIA				LICENSEE LLC
41-46-09.1	N	88-16-02.3	W 213.654	1007.220			

WCLR	IL	DEKALB	92.50000		B	20000.00	LIC
Unknown or New	CP	BMLD-20181102AAB	EDUCATIONAL MEDIA				FOUNDATION
41-52-33.1	N	88-45-16.3	W 418.382	1351.710			

WSRI	IL	SUGAR GROVE	88.70000		A	600.00	LIC
Unknown or New	CP	BLED-20080410ABW	EDUCATIONAL MEDIA				FOUNDATION
41-42-16.1	N	88-26-02.3	W 238.734	1003.940			

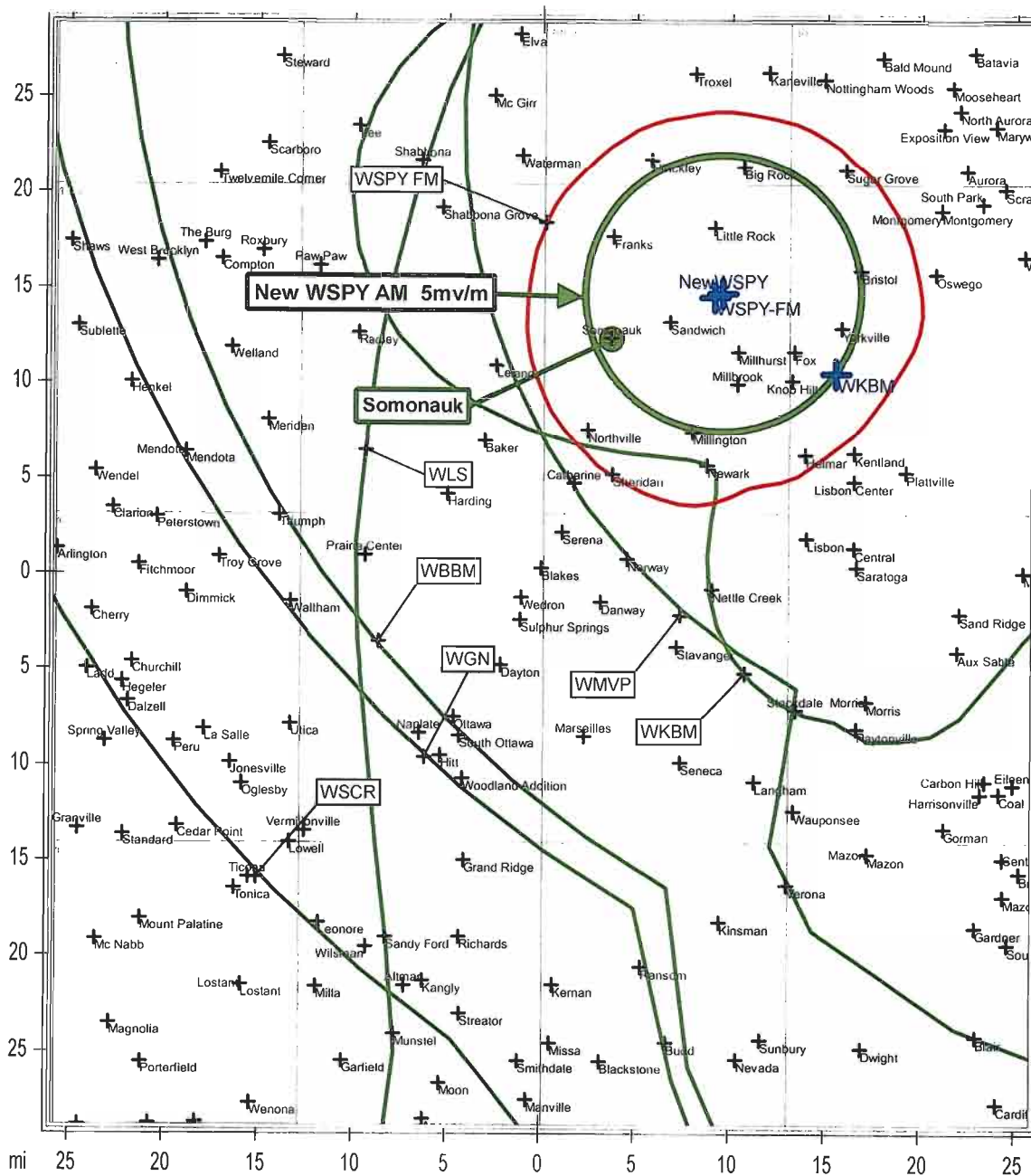
WSPY-FM	IL	PLANO	107.10000		A	3100.00	LIC
Unknown or New	CP	BLH-20140122ABB	NELSON ENTERPRISES, INC.				
41-39-55.1	N	88-34-34.3	W 375.263	1141.730			

WONC	IL	NAPERVILLE	89.10000		A	1500.00	LIC
Unknown or New	CP	BLED-19940809KC	NORTH CENTRAL COLLEGE				
41-46-34.1	N	88-11-41.2	W 68.666	866.140			

WAWY	IL	DUNDEE	103.90000		A	2550.00	LIC
Unknown or New	CP	BMLD-20190305AAV	EDUCATIONAL MEDIA				FOUNDATION
42-06-21.1	N	88-22-37.3	W 321.039	1184.383			

WAWY	IL	DUNDEE	103.90000		A	2600.00	CP MOD
Unknown or New	CP	BXPH-20170719AAI	EDUCATIONAL MEDIA				FOUNDATION
42-06-21.1	N	88-22-38.3	W 183.399	1154.860			

5mv/m Covering Somonauk after WSPY AM Moved



Proposed 1480 5mv/m Coverage Map Somonauk IL



Green = 5mv/m

State Borders

Highways

Streets

Lat/Lon Grid

SUMMARY

WSPY-AM INTERFERENCE REDUCTION

Based on 2010 Census

February 2020

WSPY requests to change technical facilities and City of License from the Chicago Urbanized area to a Rural area will result in a total interference reduction to 1,598,980 population.

On the Co-Channel of 1480 kHz a reduction of given interference will decrease by 9,652 population to "0" population and 72.64 sq km to area of "0" sq km.

Received interference on Co-Channel 1480 kHz will be reduced by 171,353 population to 34,577 and 968.24 sq km to 72.84 sq km.

Total co-channel population reduction in interference is 181,005 population.

Reduction in given and received interference on 1st adjacent of 1480 kHz (1470 + 1490 kHz).

Reduction in given interference will decrease (.25 mv/m 1480 to .5 mv/m 1st adj) by 512,731 population and 1,040.61 sq km.

Received interference will be reduced by (.25 mv/m 1st adj to 1480 kHz) 905,244 population and 1,843.6 sq km.

WSPY INTERFERENCE REDUCTION STUDY

February 2020

CO-CHANNEL

To WLMV 1480 kHz .5 mv/m From:

WSPY Lic	.025 mv/m	9,652 pop	72.64 KM
New	.025 mv/m	0	0
Reduction		<u>9,652 pop</u>	<u>72.64 KM</u>

FROM: WLMV 1480 kHz .025 mv/m To:

WSPY Lic	.5 mv/m	205,930 pop	1,041.08 KM
New	.5 mv/m	34,577 pop	72.84 KM
Reduction		<u>171,353 pop</u>	<u>968.24 KM</u>

TOTAL CO-CHANNEL INTERFERENCE REDUCTION

181,005 Population

1,040.88 Sq km

WSPY INTERFERENCE REDUCTION STUDY

February 2020

1st ADJACENCY

To WGEZ 1490 kHz .5 mv/m From:

WSPY Lic	.25 mv/m	5,723 pop	320.44 KM
New	.25 mv/m	0	0
Reduction		<u>5,723 pop</u>	<u>320.44 KM</u>

FROM: WGEZ 1490 kHz .25 mv/m To:

WSPY Lic	.5 mv/m	108,439 pop	688.9 KM
New	.5 mv/m	16,871 pop	22.48 KM
Reduction		<u>91,568 pop</u>	<u>666.42 KM</u>

TOTAL 1st Adj (WGEZ 1490) INTERFERENCE REDUCTION

97,291 Population

986.86 Sq km

WSPY INTERFERENCE REDUCTION STUDY

February 2020

1st ADJACENCY

To WPNA 1490 kHz .5 mv/m From:

WSPY Lic	.25 mv/m	1,433,206 pop	1,698.77 KM
New	.25 mv/m	933,889 pop	1,353.93 KM
Reduction		<u>499,317 pop</u>	<u>344.84 KM</u>

FROM: WPNA 1490 kHz .25 mv/m To:

WSPY Lic	.5 mv/m	1,267,990 pop	2,568.80 KM
New	.5 mv/m	453,357 pop	1,298.51 KM
Reduction		<u>814,633 pop</u>	<u>1,270.29 KM</u>

TOTAL 1st Adj (WPNA 1490) INTERFERENCE REDUCTION

1,313,950 Population

1,615.13 Sq km

WSPY INTERFERENCE REDUCTION STUDY
February 2020

1st ADJACENCY

To WZOE 1490 kHz .5 mv/m From:

WSPY Lic	.25 mv/m	13,196 pop	637.86 KM
New	.25 mv/m	5,505 pop	262.53 KM
Reduction		<u>7,691 pop</u>	<u>375.33 KM</u>

FROM: WZOE .25 mv/m To:

WSPY Lic	.5 mv/m	4,837 pop	290.88 KM
New	.5 mv/m	5,794 pop	383.99 KM
Reduction		<u>(957) pop</u>	<u>(93.11) KM</u>

TOTAL 1st Adj (WZOE 1490) INTERFERENCE REDUCTION

6,734 Population

282.22 Sq km