EXHIBIT E

ENGINEERING REPORT RE
APPLICATION FOR MODIFICATION OF
CONSTRUCTION PERMIT (BMP20000712AAE)
TO INCREASE NIGHTTIME POWER FOR
WLUX, ISLIP, NEW YORK
540 KHZ 0.50 D/0.25 N KW DA-2

NOVEMBER 2001

COHEN, DIPPELL AND EVERIST, P.C.
CONSULTING ENGINEERS
RADIO AND TELEVISION
WASHINGTON D.C.

Introduction

This engineering report has been prepared on behalf of Long Island Multimedia, LLC ("LIMM") in support of a minor change application to modify its outstanding construction permit (BMP20000712AAH). This minor change application proposes to increase the nighttime power to 0.25 kW utilizing the authorized two tower daytime directional array with different antenna parameters. No other changes are proposed.

WLUX is licensed to operate on 540 kHz with daytime power of 0.25 kW utilizing a non-directional antenna and secondary nighttime non-directional operation with 0.204 kW. The station also holds a CP to operate with 0.50 kW daytime utilizing a two tower directional antenna system.

Applicable exhibits requested by Section III-A of FCC Form 301 are either included in this engineering report or referenced to the engineering exhibits associated with the WLUX authorization for 0.320 kW or the authorization for the increase to 0.5 kW power (BMP20000712AAH).

Transmitter Site

The existing antenna site is located at 180 Freeman Avenue, Islip, Suffolk County, New York.

The geographic coordinates (NAD-27) of the existing non-directional tower based on the antenna structure registration No. 1006778 when rounded to the nearest second are as follows:

North Latitude: 40° 45' 08"

West Longitude: 73° 12' 51"

The geographic coordinates (NAD-27) of the proposed tower based on the antenna structure registration No. 1219580 when rounded to the nearest second are as follows:

North Latitude: 40° 45' 03"

West Longitude: 73° 12' 49"

The geographic coordinates (NAD-27) of the directional array center when rounded to the nearest second are as follows:

North Latitude: 40° 45' 06"

West Longitude: 73° 12' 50"

Daytime Allocation Situation

There is no change proposed in the authorized (BMP20000712AAH) daytime directional operation of 500 watts.

Nighttime Situation

The proposed 0.25 kW directional nighttime operation of WLUX will not cause any increase to the RSS nighttime limitation of other co or adjacent channel AM stations in accordance with engineering allocation standards prescribed in Section 73.182 of the Commissions' Rules. With respect to those stations or proposals where the present licensed nighttime secondary operation of WLUX contributes an interfering signal which is part of its RSS value using the 25 percent exclusion method, the interfering signal is the same or reduced from the proposed WLUX operation.

The proposed WLUX nighttime operation complies with the FCC AM Rules. The allocation data showing the present and proposed nighttime limitations are attached as Exhibit E-3.

Contour Data

The distances to various field intensity contours were obtained from the revised groundwave field strength versus distance Graphs 1, 1A, 2, and 2A of Section 73.184 of the Commission's Rules. Where changes in estimated ground conductivity occur, the equivalent distance method of computation was used.

The WLUX measured data previously filed with the power increase application, was used for computation of the nighttime interference contour. The values of conductivity, azimuths, and inverse distance field strengths used as a basis for the nighttime 1 V/m and coverage contour are included on the tables attached hereto as Exhibit E-3. This detailed information in the form of computer generated tabulations also shows the basis of the ground conductivities and distance to contours shown on the coverage map.

Coverage Contours

The attached Exhibit E-2 shows the computed 5 mV/m and nighttime interference-free contours (22 mV/m) for the proposed WLUX nighttime operation. Exhibit E-2 indicates the proposed WLUX 22 mV/m nighttime interference-free contour encompass 81% of the principal community. Therefore, it is believed the proposal is in substantial compliance with the Rules. However, if a waiver of Section 73.24(i) of the Rules is required it is respectfully requested. The distances to the field intensity contours were determined by a computer program using the groundwave field strength versus distance curves set forth in Section 73.184(a) of the FCC Rules as adopted in MM Docket 87-267. Where changes in conductivity occurred, the equivalent distance method of computation was used.

1 V/m Contour

The estimated population within the proposed nighttime 1 V/m contours is less than 300 people based on the 1990 computerized U.S. census data.

Based on the characteristics immediately surrounding the existing site and the current licensed 0.25 kW and authorized 0.5 kW daytime operations, it is believed that the proposed 0.25 kW nighttime operation would not result in any significant interference problems within the proposed blanketing area. However, in case of a problem, WLUX takes full responsibility to satisfy all reasonable complaints of blanketing interference within its 1 V/m contour.[1] The remedial steps may include installation of filters, traps, or receiver replacement in accordance with Section 73.88 of the Commission's Rules.

Other Broadcast Stations

There are no AM, FM, or TV broadcast stations operating within 3 kilometers of the existing WLUX antenna location with the exception of collocated FM station WBZO, Bay Shore, New York. Station WBZO operates on Channel 276A (103.1 MHz) with 3 kW effective radiated power. Its antenna is side-mounted on the existing WLUX tower (Registration No. 1000770).

Main Studio Location

There will be no change in the location of the present main studio.

RF Fields

According to Table 3 in Supplement A to OET Bulletin 65 (Edition 97-01), the Maximum Permissible Exposure (MPE) for specified electric and magnetic fields ("worst-case") would not

[1] WLUX will comply with the blanketing requirements in accordance with Section 73.88 and 73.318(c) and (d) of the Commission's Rules.

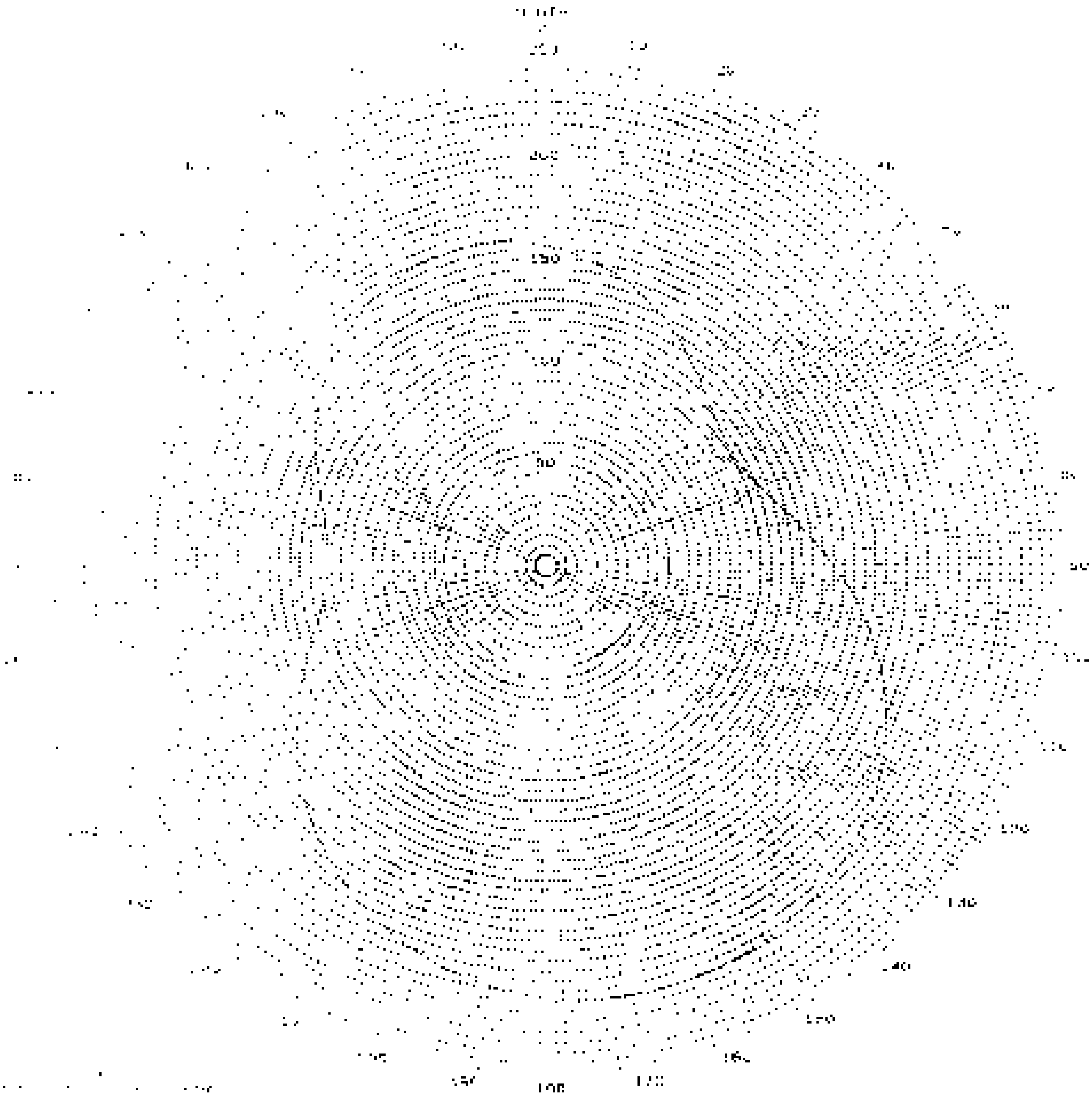
exceed at more than approximately 2 meters from the base of the tower for the authorized 0.5 kW daytime or the proposed 0.25 kW nighttime operations assuming 0.25 kW power into each tower. Therefore, the distance of 2 meters overstates the minimum distance at which the aforementioned field levels may be exceeded for each individual tower.

Presently, the WLUX transmitting site is completely fenced around the base of the tower. The security fencing and locked gate at the base of the existing tower prevents access to those areas. The new self-supporting tower will also have security fencing and locked gate at the tower base. WLUX also has appropriate warning signs describing the nature of the potential hazard. Additionally, LMM currently has a program of assuring compliance with the Commission's guidelines concerning exposure to RF fields. Access to any areas found to exceed the Commission's guidelines for MPE near the towers will be restricted by installing additional fencing. Such a fence around the towers would effectively block and restrict the access and unintentional use of the space near the towers.

With respect to work performed on the tower structure or inside the fenced area, station WLUX will modify its existing written procedures including reducing or terminating transmitter power to ensure that workers are not exposed to levels of radio frequency field in excess of the Commission's guidelines.

An environmental assessment (EA) is excluded under Section 1.1307 of the FCC Rules and Regulations since there is no change proposed in the currently authorized site or antenna configuration. Additionally both tower have FCC tower registration numbers.

For the reasons stated above, the WLUX proposal does not involve any action specified in Section 1.1307(a) and (b) of the Commission's Rules; therefore, under Section 1.1306, the WLUX proposal is excluded from environmental processing.



[illegible]

TOWER PARAMETERS

Twr	Field Ratio	Phase (deg)	Spac. (deg)	Orient (deg)	TL Sw	Ht (deg)	T A (deg)	T B (deg)	T C (deg)	T D (deg)
1	1.000	0	0	0	[illegible]	[illegible]	0	0	0	0
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0	0	0	0

EXHIBIT E-

COHEN, DIPPELL AND EVERIST, P.C.
CONSULTING ENGINEERS

NOVEMBER 200[illegible] WLOX

STANDARD HORIZONTAL
PLANE PATTERN

EXHIBIT E-1A
TABULATION OF RADIATIONS
STANDARD HORIZONTAL PATTERN FOR THE
PROPOSED NIGHTTIME OPERATION OF
WLCX, ISLIP, NEW YORK
540 KHZ, 0.25 KW, DA-2
NOVEMBER 2001

Azimuth N° E. T	Elevation Angle 0° mV/m	Azimuth N° E. T	Elevation Angle 0° mV/m	Azimuth N° E. T	Elevation Angle 0° mV/m
0	156.3	120	188.5	245	131.4
5	153.4	125	194.5	250	123.5
10	149.8	135	204.2	255	116.7
15	145.4	140	207.8	260	111.3
20	140.5	145	210.8	265	107.8
25	135.0	150	213.1	270	106.3
30	129.3	155	214.6	275	106.8
35	123.5	160	215.6	280	109.2
40	118.0	165	215.9	285	113.1
45	113.1	170	215.6	290	118.0
50	109.2	175	214.6	295	123.5
55	106.8	180	213.1	300	129.3
60	106.3	185	210.8	305	135.0
65	107.8	190	207.8	310	140.5
70	111.3	195	204.2	315	145.4
75	116.7	200	199.7	320	149.8
80	123.5	205	194.5	325	153.4
85	131.4	210	188.5	330	156.3
90	140.0	220	174.3	335	158.4
95	148.8	225	166.2	340	159.7
100	157.7	230	157.7	345	160.1
105	166.2	235	148.8	350	159.7
110	174.3	240	140.0	355	158.4
115	181.7				

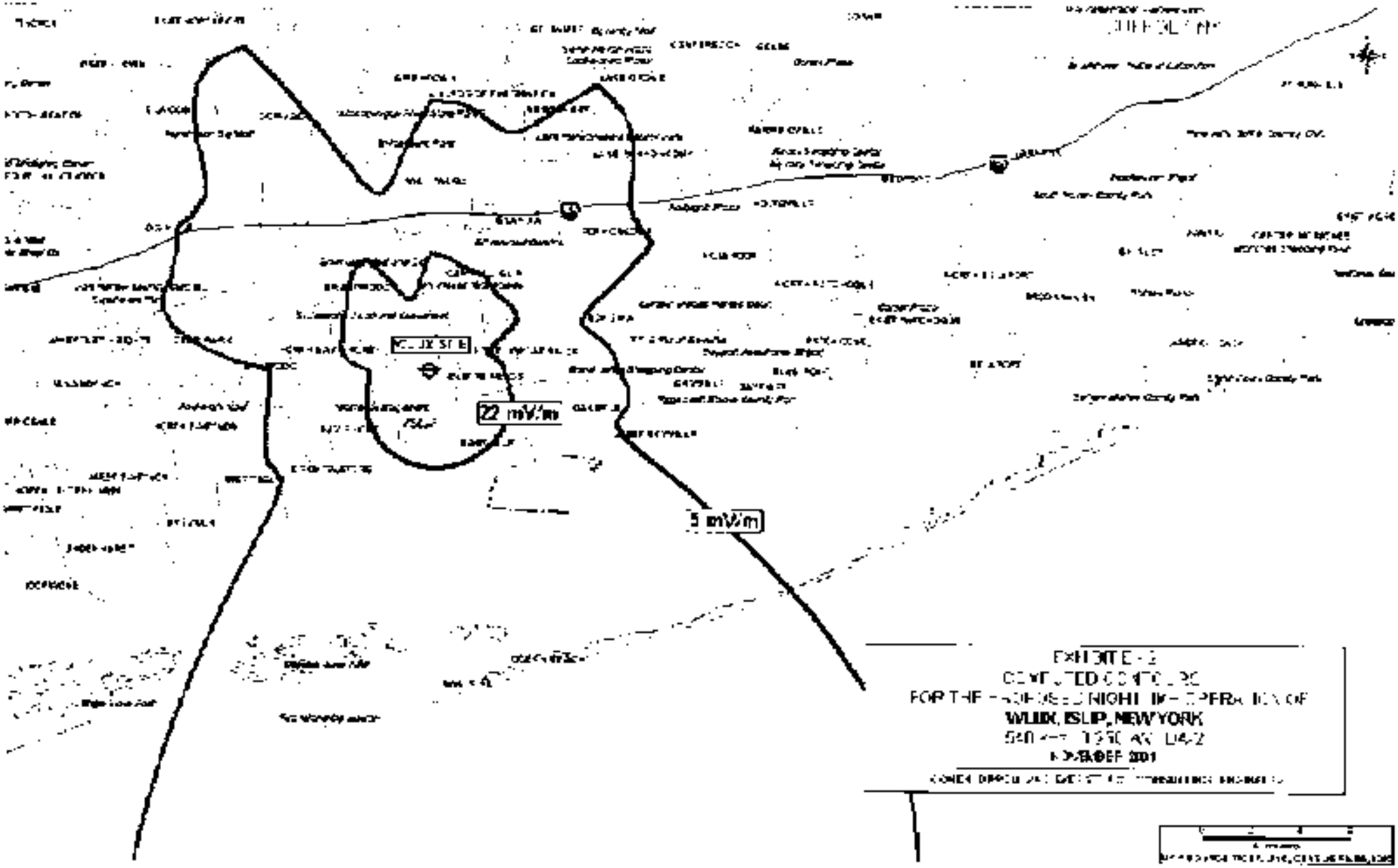

5 mV/m

EXHIBIT E-3

CONTOUR INFORMATION

WLUX, ISLIP, NEW YORK

MEASUREMENT INFORMATION IS UNCHANGED
FROM THE DATA SHOWN IN BMP-20000712AAH

TABULATION OF COMPUTED
DISTANCES TO CONTOURS
FOR THE PROPOSED 0.25 KW NIGHTTIME OPERATION OF
WLUX, ISLIP, NEW YORK
NOVEMBER 2001

Call: WLUX (proposed), ISLIP, NY
Coordinates: N 40°45' 06" W 73° 12' 50"
Frequency: 540 kHz Number of Contours: 4

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers - Contour levels in mV/m. 1000.000	22.000	5.000
.0	156.32	.14	4.04	10.91
10.0	149.79	.13	4.59	10.66
20.0	140.49	.12	4.37	10.30
30.0	129.31	.13	4.49	13.46
40.0	117.97	.12	4.11	12.57
50.0	109.20	.11	4.15	10.55
60.0	106.28	.11	4.08	10.47
70.0	111.31	11	3.53	6.63
80.0	123.97	.12	2.72	7.05
90.0	139.99	.13	2.97	7.56
100.0	157.66	.14	3.25	8.11
110.0	174.08	.15	3.45	8.58
120.0	188.49	.16	3.64	15.61
130.0	199.71	.17	3.78	24.91
140.0	207.85	.18	3.88	29.96
150.0	213.06	.18	3.95	32.82
160.0	215.59	.18	3.98	34.20
170.0	216.59	.18	3.98	34.73
180.0	213.06	.18	3.95	34.25
190.0	207.85	18	1.88	32.62
200.0	199.71	.17	2.75	25.90
210.0	188.49	.16	3.64	24.19
220.0	174.28	.15	3.45	13.62
230.0	157.66	.14	3.23	8.11
240.0	139.99	.12	2.97	7.56
250.0	123.51	.12	2.72	7.05
260.0	111.11	.11	2.53	6.62
270.0	106.28	.11	2.45	6.45
280.0	109.20	.11	3.37	10.55
290.0	117.97	.12	3.80	11.09
300.0	129.31	.12	4.09	11.68
310.0	140.49	.13	4.37	11.81
320.0	149.79	.13	5.00	14.69
330.0	156.32	.15	5.17	15.10
340.0	159.65	.14	3.25	8.17
350.0	159.65	.14	3.25	8.17

TABULATION OF COMPUTED
AZIMUTH, RADIATIONS AND GROUND CONDUCTIVITIES
FOR THE PROPOSED 0.25 KW NIGHTTIME OPERATION OF
WLUX, ISLIP, NEW YORK
NOVEMBER 2001

Call: WLUX (proposed), ISLIP, NY

Coordinates: N 40°45' 06" W 73° 12' 50"

Frequency: 540 kHz

Azimuth	Radiation (mV/m at one km)	Ground Conductivity Data: Region conductivity in mS/m followed by distance in km to the end of region. M - map data; E - measurement data.							
.0	150.22	.5M	1.3	1.0M	2.2	1.5M	9.1	1.0M	16.6
		2.2M	65.5	1.5M	96.7	1.0M	132.5	1.0E	196.2
		4.0E	240.9	2.2E	496.0	4.0E	496.2	10.2E	201.0
		4.0E	621.4	9.0E	754.5	2.0E	884.4		
10.0	149.78	.5M	1.2	1.0M	2.2	1.5M	9.1	1.0M	16.6
		3.0M	65.5	1.5M	96.7	1.0M	132.5	1.0E	196.2
		.5E	461.2	4.0E	580.0	6.2E	668.7	4.0E	784.4
		2.0E	868.8	2.0E	884.4				
20.7	140.49	.5M	1.3	1.0M	2.2	1.5M	9.1	1.0M	16.6
		3.0M	65.5	1.5M	96.7	1.0M	132.5	2.0E	196.2
		1.0E	438.5	.5E	595.0	4.0E	544.8	1.0E	553.9
		4.0E	666.4	1.0E	857.7	4.0E	619.6	9.0E	884.4
30.0	120.31	1.0M	61.7	1.5M	106.3	1.0M	134.0	3.0E	209.5
		1.0E	338.2	2.0E	434.1	1.0E	602.7	2.2E	884.4
41.2	119.97	2.0M	81.7	1.5M	134.3	1.0M	144.0	2.0E	300.1
		5000.0E	414.5	2.0E	445.1	5000.0E	479.4	2.0E	514.8
		5000.0E	541.3	4.0E	609.5	1.0E	697.4	1.2E	884.4
50.0	109.20	1.0M	1.1	2.0M	7.9	1.0M	30.0	2.0M	100.2
		1.5M	150.1	1.0M	168.0	2.0E	201.5	5000.0E	884.4
60.0	106.26	1.0M	1.1	2.0M	7.9	1.5M	30.0	2.0M	100.2
		1.5M	150.1	1.0M	168.0	2.0E	179.9	5000.0E	197.6
		2.2E	255.4	5000.0E	354.9	2.0E	397.6	5000.0E	692.8
		2.2E	731.1	5000.0E	733.1	2.0E	884.4		
70.0	111.31	.5M	95.7	5000.0E	75.4	.5E	85.2	5000.0E	86.0
		.5E	95.4	5000.0E	884.4				
80.0	123.51	.5E	60.4	5000.0E	884.4				
90.0	139.99	.5E	24.4	5000.0E	884.4				
100.0	157.11	.5E	14.9	5000.0E	884.4				
110.0	174.28	.5E	10.6	5000.0E	884.4				
120.0	188.49	.5E	7.9	5000.0E	884.4				
130.0	199.71	.5E	6.2	5000.0E	884.4				
140.0	207.81	.5E	5.2	5000.0E	884.4				
150.0	213.06	.5E	4.8	5000.0E	884.4				
160.0	215.59	.5E	4.6	5000.0E	884.4				
170.2	215.09	.5E	4.5	5000.0E	884.4				
180.7	213.06	.5E	4.7	5000.0E	884.4				
190.0	207.85	.5E	4.7	5000.0E	884.4				
200.2	199.01	.5E	5.1	5000.0E	884.4				

TABULATION OF COMPUTED
AZIMUTH, RADIATIONS AND GROUND CONDUCTIVITIES
FOR THE PROPOSED 0.25 KW NIGHTTIME OPERATION OF
WLUX, ISLIP, NEW YORK
NOVEMBER 2001
(continued)

Call: WLUX (proposed), ISLIP, NY

Coordinates: N 40°45' 06" W 72° 12' 50"

Frequency: 540 kHz

Azimuth	Radiation (mV/m at one km)	Ground Conductivity Data: region conductivity in mS/m followed by distance in km to the end of region. E - map data, M - measurement data							
210.0	166.49	.5E	6.0	5000.0E	490.8	4.0E	590.3	5000.0E	580.9
		4.0E	601.9	5000.0E	612.0	4.0E	670.8	5000.0E	674.9
		4.0E	765.6	5000.0E	766.1	4.0E	825.2	5000.0E	884.4
220.0	174.28	.5E	7.7	5000.0E	17.5	4.0E	227.7	5000.0E	270.5
		4.0E	307.3	2.0E	360.0	5000.0E	368.2	2.0E	391.9
		5000.0E	416.2	4.0E	417.8	5000.0E	421.5	4.0E	443.0
		5000.0E	449.2	2.0E	476.3	5000.0E	479.4	2.0E	507.5
		5000.0E	506.4	2.0E	726.7	4.0E	760.0	2.0E	906.5
230.0	177.66	.5E	11.1	5000.0E	86.7	4.0E	240.0	5000.0E	240.0
		4.0E	339.7	5000.0E	375.8	4.0E	399.0	5000.0E	474.2
		4.0E	387.4	5000.0E	391.0	4.0E	411.4	5000.0E	419.4
		4.0E	416.2	5000.0E	426.8	4.0E	443.7	2.0E	882.4
		4.0E	894.4						
240.0	168.99	.5E	10.1	5000.0E	75.5	4.0E	222.0	5000.0E	239.4
		4.0E	261.8	5000.0E	272.9	4.0E	277.3	5000.0E	299.1
		4.0E	301.1	5000.0E	304.2	4.0E	307.8	5000.0E	317.7
		4.0E	319.7	5000.0E	321.1	4.0E	326.0	5000.0E	331.9
		4.0E	344.4	5000.0E	347.7	4.0E	370.6	2.0E	884.4
250.0	123.51	.5E	49.6	5000.0E	93.1	4.0E	345.5	2.0E	884.4
260.0	111.31	.5E	66.9	5000.0E	72.7	4.0E	315.6	2.0E	402.1
		4.0E	590.1	2.0E	884.4				
270.0	106.28	.5E	45.2	4.0E	61.3	5000.0E	64.0	4.0E	88.2
		5000.0E	66.3	4.0E	209.8	2.0E	370.9	4.0E	410.3
		2.0E	510.4	4.0E	846.9	4.0E	850.0	15.0E	854.4
280.0	113.20	1.5M	51.2	4.0E	93.6	2.0E	210.6	4.0E	269.1
		2.0E	561.9	8.0E	849.9	15.0E	855.2	8.0E	884.4
290.0	117.97	1.5M	81.2	4.0E	94.9	2.0E	160.7	4.0E	530.7
		8.0E	598.3	10.0E	705.9	20.0E	801.7	15.0E	852.4
		8.0E	884.4						
300.0	129.31	1.0M	2.2	1.5M	5.9	3.0Y	10.6	1.0M	23.6
		1.5M	49.0	1.0M	78.1	4.0E	98.4	2.0E	146.0
		4.0E	487.0	8.0E	544.0	20.0E	580.2	15.0E	612.6
		20.0E	826.0	4.0E	882.5	8.0E	885.2	10.0E	884.0
		8.0E	884.4						

TABULATION OF COMPUTED
AZIMUTH, RADIATIONS AND GROUND CONDUCTIVITIES
FOR THE PROPOSED 0.25 KW NIGHTTIME OPERATION OF
WLUX, ISLIP, NEW YORK
NOVEMBER 2001
(continued)

Call: WLUX (proposed), ISLIP, NY

Coordinates: N 40°45' 06" W 73° 12' 50"

Frequency: 540 kHz

Azimuth	Radiation (mV/m at one km)	Ground Conductivity Data: Region conductivity in mS/m followed by distance in km to the end of region K map data: M measurement data							
310.0	140.46	1.0M	2.2	1.5M	5.9	3.0M	10.6	1.0M	22.4
		.5M	54.0	1.0M	78.5	4.0E	444.4	8.0E	505.5
		15.0E	584.8	6.0E	654.3	4.0E	700.0	10.0E	835.7
		4.0E	894.0	10.0E	884.4				
320.0	144.79	2.0M	51.3	1.0M	66.4	6.0E	409.8	8.0E	11..2
		15.0E	467.0	4.0E	471.1	15.0E	474.3	4.0E	484.5
		75.0E	486.7	4.0E	586.0	1.0E	746.8	2.0E	884.4
330.0	136.32	2.0M	51.3	1.0M	66.4	1.0E	87.4	4.0E	186.4
		15.0E	460.6	10.0E	490.4	4.0E	550.9	2.0E	610.2
		4.0E	661.1	1.0E	710.5	2.0E	884.4		
340.0	128.60	.5E	19.2	4.0E	28.1	6000.0E	41.6	1.0E	62.2
		4.0E	281.4	2.0E	287.9	4.0E	484.2	10.0E	559.0
		4.0E	595.5	2.0E	884.4				
350.0	109.60	.5E	16.6	3000.0E	43.0	1.0E	112.7	4.0E	271.0
		2.0E	300.6	4.0E	482.1	10.0E	545.0	4.0E	605.7
		2.0E	757.9	2.0E	884.4				

EXHIBIT E-4

BASIS FOR NIGHTTIME ALLOCATION STUDIES

WLIJX, ISLIP, NEW YORK

FORM 301, SECTION V-A

NIGHTTIME RSS LIMITS TO PERTINENT STATIONS
FROM THE PRESENT SECONDARY NIGHTTIME OPERATION OF
WLUX, ISLIP, NEW YORK
NOVEMBER 2001

Point: WBAX Frequency: 540 kHz

Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult (uV/m)	IF Level (mV/m)	RSS (mV/m)
[illegible]	666.5	85.0	10.7	597.1	62.045	9.7290	[illegible]
WFAW	550.1	324.2	22.3	269.7	106.149	5.6222	11.3523
WGLS *	240.0	278.6	30.4	640.9	200.087	3.3414	11.4558
WACS	972.9	224.1	6.2	292.0	44.159	2.5810	
[illegible]	1525.3	212.6	4.7	758.5	15.079	2.4399	

* - indicates an adjacent channel station

Point: WDMV Frequency: 540 kHz

Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult (uV/m)	IF Level (mV/m)	RSS (mV/m)
CBGA	795.6	178.7	8.5	1997.0	31.649	20.6285	20.6295
WWCS	469.0	120.5	16.0	351.5	122.422	7.3853	21.9102
WFGP	1020.4	26.5	9.3	975.8	52.516	6.7456	22.8111
XERW	1255.7	237.5	3.9	1177.2	23.406	5.5110	
Jaffrey	614.1	311.0	11.8	321.9	60.853	5.2285	
WLUX	362.6	214.9	20.9	138.5	167.911	4.6451	

Point: WCVVcp Frequency: 540 kHz

Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult (uV/m)	IF Level (mV/m)	RSS (mV/m)
CJGB	607.4	185.7	10.7	1468.3	56.916	25.0017	25.0017
WNCS	299.4	112.2	25.7	269.3	212.092	11.3979	27.4709
Jaffrey	564.2	304.7	12.5	333.0	55.492	5.5594	
WLUX	357.0	244.4	20.6	158.7	163.441	4.5325	
KFAN	1257.5	246.1	3.7	904.2	31.855	4.2684	
WVOF	1265.7	14.6	7.6	623.8	20.490	3.2722	

NIGHTTIME RSS LIMITS TO PERTINENT STATIONS
FROM THE PRESENT SECONDARY NIGHTTIME OPERATION OF
WLUX, ISLIP, NEW YORK
NOVEMBER 2001

Point: WLUX Frequency: 540 kHz

Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
CJSH	445.9	156.2	19.8	1007.7	20.982	21.8779	21.8779
Jaffrey	255.2	204.4	28.8	210.5	131.778	12.2376	24.1618
NEWha	592.4	244.1	7.1	1023.4	39.511	8.1076	25.4650
WOMVcp	467.1	61.9	42.7	244.4	153.400	7.4844	26.5091
WOMV	361.9	33.3	30.5	131.5	167.848	4.4134	
NWCS	591.3	82.7	12.3	250.4	85.492	4.2806	
WFLF	1591.8	27.4	5.0	988.9	18.980	3.8539	

Point: NEW Jaffrey Frequency: 540 kHz

Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
CJSB	477.9	120.1	25.9	388.7	131.242	10.2038	10.2038
NEWha	848.2	256.0	10.1	754.3	27.860	4.6998	11.4356
WLUX	255.2	23.5	28.8	120.2	231.477	5.5411	14.0057
CBEF	914.9	81.4	12.6	676.8	39.594	4.7558	15.4188
WDXVcp	584.2	45.5	21.9	220.1	85.492	3.8652	15.8959
CBGA-1	766.7	220.5	8.3	382.6	44.420	3.3990	
WFLF	1934.4	26.1	3.3	911.9	14.601	2.6628	

Point: WSTC Frequency: 540 kHz

Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
CJSB	1060.1	202.1	5.3	1777.7	32.870	11.6864	11.6864
WFLF	490.5	19.9	13.0	737.5	54.615	8.0552	14.1938
WWCS	514.9	102.1	14.5	315.5	110.457	6.9098	15.8125
WDMV	361.6	227.2	21.5	135.9	178.970	4.6845	16.4814
WOMVcp	396.1	196.2	30.2	133.8	155.197	4.1472	17.0023
WDAK	717.7	56.3	9.7	265.5	73.474	3.9014	
NEWha	1595.1	237.0	1.6	1191.7	15.214	3.0259	
Jaffrey	954.0	207.7	6.4	449.5	41.554	2.8821	
KNOR	1315.6	69.9	3.3	263.1	20.149	2.1507	
WLUX	708.2	221.6	5.9	147.4	69.108	2.0401	

NIGHTTIME RSS LIMITS TO PERTINENT STATIONS FROM THE PRESENT SECONDARY NIGHTTIME OPERATION OF WLUX, ISLIP, NEW YORK NOVEMBER 2001

Point: WWCR Frequency: 540 kHz

Station Call		Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
CJSB		652.6	215.0	18.6	606.0	47.537	3.0924	9.0916
[illegible]		[illegible]	129.4	46.1	[illegible]	144.144	6.5185	[illegible]
WDMV		469.0	303.4	16.0	130.5	122.422	3.3311	11.8722
Jaffrey		740.2	250.2	9.3	264.3	57.348	3.2047	12.1283
WLUX		591.0	267.9	12.5	145.9	85.490	2.4925	
NEWLa		1436.2	250.0	2.5	760.5	15.946	2.4294	

Point: WYLO Frequency: 540 kHz

Station Call		Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
CBK		1509.6	118.3	1.0	2237.6	9.226	4.1384	4.1384
[illegible]		422.6	299.4	27.9	114.1	125.079	2.8282	5.0253
WSAU	*	294.5	141.4	49.0	346.2	271.057	1.8758	5.3644
KTRS	*	540.1	17.0	13.5	866.5	96.923	1.8780	5.6207
CJSE		2005.5	262.5	5.9	197.7	29.443	1.1644	
SKWpb		1446.1	74.4	[illegible]	269.6	20.659	1.1139	
WFLF		1757.0	342.0	3.6	262.4	15.969	.5686	

* indicates an adjacent channel station

Point: SKWpb Frequency: 540 kHz

Station Call		Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
CBK		[illegible]	124.9	4.4	2230.4	22.366	9.9860	9.9860
WDAY		1176.6	337.3	4.9	316.1	33.152	2.0950	
KNOE		1433.0	315.5	2.5	347.7	23.250	1.0170	
KXA1	*	290.5	74.9	25.7	229.4	215.724	.9697	
KFYR	*	694.1	226.0	10.1	[illegible]	63.864	.6969	
KTRS	*	1229.1	287.7	3.9	1253.3	27.335	.5977	

* - indicates an adjacent channel station.

NIGHTTIME RSS LIMITS TO PERTINENT STATIONS
FROM THE PRESENT SECONDARY NIGHTTIME OPERATION OF
WLUX, ISLIP, NEW YORK
NOVEMBER 2001

Point: CBT Frequency: 540 kHz

Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
CBEF	2253.5	61.1	.0	1254.9	7.450	1.9147	1.9147
CBGA-1	713.8	76.2	13.4	93.2	97.371	1.2301	2.2734
Jaffrey	1430.5	56.1	4.4	195.2	30.206	1.1815	2.5642
CBK	3480.6	74.5	.0	2241.4	2.548	1.1426	2.8073
WFLF	3102.3	37.1	.0	1676.9	3.161	1.0492	2.9958
NEWha	774.7	49.2	12.1	39.4	80.420	.7047	
CJSB	1577.1	87.4	3.4	143.7	22.609	.6500	
WLUX	1652.0	50.7	2.9	143.7	19.269	.5539	

Point: NEWha Frequency: 540 kHz

Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
CBT	774.7	235.1	12.1	890.7	96.422	15.9297	15.9297
CBGA-1	462.8	261.4	25.7	213.9	151.322	6.4723	
CHIC	700.9	125.2	14.7	306.4	88.263	6.0823	
CBEF	1589.8	73.3	2.3	672.0	21.599	5.8569	
CJSB	954.4	89.2	9.2	223.7	63.547	3.0840	
Jaffrey	898.1	70.3	13.8	141.1	88.743	2.8151	
WLUX	892.4	57.7	12.1	147.0	71.637	2.2576	
WFLF	2417.9	56.7	.2	1641.1	6.265	2.0576	

Point: CJSB Frequency: 540 kHz

Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
CBEF	679.1	57.6	14.2	1331.0	101.305	27.1279	27.1279
CBGA-1	863.6	254.2	10.6	347.6	78.418	5.5206	
CHIC	502.5	227.1	15.7	190.3	124.371	4.7322	
NEWha	954.5	277.6	9.2	242.5	68.547	4.7224	
CBT	1577.1	262.2	3.4	914.2	22.609	4.1293	
WDMVcp	667.4	6.7	14.5	190.2	103.109	3.0379	
WLUX	555.7	277.9	19.5	140.9	110.525	3.3649	

NIGHTTIME RSS LIMITS TO PERTINENT STATIONS FROM THE PRESENT SECONDARY NIGHTTIME OPERATION OF WLUX, ISLIP, NEW YORK NOVEMBER 2001

Point: CBEF Frequency: 540 kHz

Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult (uV/m)	IF Level (mV/m)	RSS (mV/m)
CBK	1959.1	113.4	1.0	2235.2	10.586	4.7405	4.7406
CJSB	678.1	342.2	14.2	104.7	101.905	2.5412	5.3989
XEaj	914.6	268.9	9.6	171.2	41.152	3.5113	
WDMV	754.7	307.8	11.9	138.0	88.215	2.4538	
WLOX	847.2	248.5	11.2	146.7	62.424	2.4181	

Point: CHIC Frequency: 540 kHz

Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
CJSB	402.4	43.7	19.7	965.7	124.371	23.2313	25.7205
CBEF	1164.6	49.5	6.7	1565.0	15.789	15.2772	28.2153
CDGA-1	445.7	280.1	22.3	362.0	133.771	5.6843	
CKY	1145.1	272.6	7.2	906.8	51.412	8.4253	
XEWhs	700.9	308.6	13.7	187.3	99.389	3.7179	

Point: CDGA-1 Frequency: 540 kHz

Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
CKY	719.8	265.4	13.4	885.5	97.371	17.2453	17.2453
CBEF	1540.8	59.8	1.8	1317.6	24.357	6.4265	
CHIC	445.7	95.7	22.3	147.6	133.771	3.5487	
XEWhs	457.8	340.5	25.2	115.5	151.422	4.4964	
XEaj	788.7	41.6	12.9	190.6	90.398	3.4303	
CJSB	993.5	66.5	10.5	173.8	79.418	2.7603	

NIGHTTIME RSS LIMITS TO PERTINENT STATIONS
FROM THE PRESENT SECONDARY NIGHTTIME OPERATION OF
WLUX, ISLIP, NEW YORK
NOVEMBER 2001
(Page 6 of 9)

Point: CBF   Frequency: 540 kHz

Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
CSGA-1	2889.[illegible]	294.5	.0	926.1	3.333	.7370	.7370
CBT	3480.8	294.3	.0	918.2	2.[illegible]44	.4669	.6[illegible]31
CJSS	2285.9	299.1	.0	255.3	7.145	.4077	.9838
KDFT	2240.9	311.[illegible]	.0	252.4	7.407	.3782	1.0252
KNOE	2383.9	337.1	.0	339.7	6.499	[illegible]	1.0[illegible]
WYLO	1589.6	311.[illegible]	3.3	57.7	22.003	.2980	1.1213
NEWpb	2171.2	255.7	6.6	33.[illegible]	48.[illegible]54	.2[illegible]	
CBA[illegible]	1989.[illegible]	309.8	1.0	55.3	10.580	.2017	

Point: CMNA   Frequency: 540 kHz

Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
HICM	792.5	206.2	11.8	299.6	46.[illegible]	2.0823	2.0823
WDLF	1011.7	151.2	8.4	326.3	25.[illegible]	1.[illegible]	2.64[illegible]
CJSD	3788.3	185.0	.0	2029.0	1.744	.7076	
WGAK	1550.7	147.8	2.5	329.1	[illegible]	.6146	

Point: WAYR   Frequency: 550 kHz

Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
CMAA	865.6	12.0	7.4	1658.2	61.[illegible]	20.2575	20.2575
WDUN	510.0	257.8	14.6	772.5	118.[illegible]	14.[illegible]	[illegible]
WFLF *	148.0	[illegible]	51.4	1188.7	223.017	7.2100	20.2535
KGR	1348.9	343.8	9.2	[illegible]	[illegible]	6.4089	
XIX	2388.4	309.8	.0	2100.3	12.513	3.6511	

* - indicates an adjacent channel station.

NIGHTTIME RSS LIMITS TO PERTINENT STATIONS
FROM THE PRESENT SECONDARY NIGHTTIME OPERATION OF
WLUX, ISLIP, NEW YORK
NOVEMBER 2001

Point: WDLN Frequency: 550 kHz

Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
CMAA	1523.5	359.5	3.2	1654.2	30.976	10.2484	10.2484
ZIZ	2823.2	310.1	.0	2188.2	8.848	5.4674	10.9641
KTCA	1479.4	64.9	2.2	743.9	24.388	5.6205	11.5293
RJR	1858.5	342.9	.0	957.7	18.718	3.5853	12.0835
WKBC	522.7	173.1	14.2	147.3	111.221	3.2697	12.5181
WAYR	510.0	236.9	24.6	88.3	118.618	2.0943	
WGR	1051.0	205.2	1.6	244.0	57.615	1.8955	
WPAB	2409.3	330.1	.0	920.6	11.006	1.3981	

Point: WGR Frequency: 550 kHz

Station Call		Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
CYAA		2304.4	10.2	.0	1660.6	10.587	3.5150	3.5150
WKRC		620.2	43.6	11.5	178.4	77.530	2.7671	4.4735
ZIZ		3216.0	145.1	0	2188.2	5.876	2.5540	5.1512
CBEF	*	355.3	77.4	21.3	740.0	101.692	1.4016	5.6840
WJMK		277.2	316.1	26.8	45.3	214.157	1.9406	6.0062
RJR		2703.2	357.3	0	857.9	6.274	1.5755	6.2034
WIOZ		646.6	3.1	7.7	144.4	51.258	1.4841	
WSVA		480.0	.6	25.4	53.1	115.135	1.3903	
CJSP	*	364.1	223.4	32.5	432.5	149.222	1.2909	
CFNB		1006.9	314.2	5.9	316.9	28.666	1.2444	

* - indicates an adjacent channel station

Point: WIOZ Frequency: 550 kHz

Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
WSVA	370.4	188.1	20.4	305.8	109.266	10.3520	10.3520
CYAA	2471.2	15.1	2.3	1555.0	25.606	8.4811	13.3834
WDLN	404.4	75.8	18.7	267.9	155.431	7.7251	15.6425
WGR	648.6	183.5	7.7	401.7	51.258	6.9563	16.9437
ZIZ	2580.0	121.3	0	2183.2	10.286	4.5017	17.5373
WKRC	624.6	132.7	11.6	218.0	88.049	3.8559	
RJR	1861.5	355.5	.2	357.7	10.372	3.5159	

NIGHTTIME RSS LIMITS TO PERTINENT STATIONS
FROM THE PRESENT SECONDARY NIGHTTIME OPERATION OF
WLUX, ISLIP, NEW YORK
NOVEMBER 2001

Point: [illegible]   Frequency: 550 kHz

Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
CMAA	1844.4	357.9	.9	1657.5	16.587	5.6045	5.6045
ZIZ	3221.1	323.3	.6	2198.2	5.215	2.7189	6.2296
KOR	2368.4	345.0	.7	957.0	11.112	2.1284	6.5831
KTRS	443.8	85.6	19.1	80.5	115.195	1.9702	6.8430
KTSA	1655.8	46.7	1.2	455.2	18.915	1.7221	7.0575
WCUN	522.7	353.8	14.2	57.6	111.221	1.2833	

Point: WJMW   Frequency: 550 kHz

Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
WGR	277.2	134.5	26.9	451.4	214.157	20.6789	20.6193
WJ?V	480.2	220.6	15.5	210.4	107.002	4.5060	
CJED *	469.6	187.9	16.0	1570.7	109.666	4.2020	
CMAA	2170.4	16.4	.0	1660.2	12.164	4.0464	
WJJA	436.0	255.3	17.3	131.7	127.497	3.3579	

Point: WDDZ   Frequency: 550 kHz

Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
WDEV	293.9	157.4	25.5	331.3	195.558	12.9529	12.9804
CJNB	562.9	221.4	21.7	575.3	81.000	9.3192	15.5813
NEW	562.9	221.3	21.7	575.3	81.000	9.3192	19.4000
ZIZ	2657.6	348.7	0	2188.2	7.540	3.3000	
CMAA	2447.9	31.0	0	1660.0	9.467	3.1430	
CELN	491.0	188.4	24.8	94.3	98.641	1.6596	

NIGHTTIME RSS LIMITS TO PERTINENT STATIONS
FROM THE PRESENT SECONDARY NIGHTTIME OPERATION OF
WLUX, ISLIP, NEW YORK
NOVEMBER 2001

Point: [illegible] Frequency: 550 kHz

Station Call		Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult (uV/m)	IF Level (mV/m)	RSS (mV/m)
CHLN		210.1	183.3	33.9	110.9	251.424	5.6788	5.6788
[illegible]		293.4	338.5	25.8	72.2	105.558	2.6148	8.3425
ZIZ		3156.8	144.4	.0	2188.0	5.951	2.6045	8.8504
CMAA		2833.5	13.7	.1	1660.0	7.641	2.5000	7.8329
CFNB		485.8	252.7	15.4	125.4	95.491	2.3953	7.7140
NEW		485.8	252.7	15.4	125.4	95.491	2.3953	8.7775
WGR		521.4	68.2	33.4	88.8	92.494	1.6434	
[illegible]	*	356.4	330.2	42.4	379.3	214.027	1.6233	
CHNO		682.1	106.9	13.4	130.6	54.720	1.4287	
WJR		2917.7	8.3	.2	957.9	8.838	1.4184	

* - indicates an adjacent channel station

Point: WSVA Frequency: 550 kHz

Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
WGR	480.0	160.7	15.6	693.4	115.135	15.9670	15.9670
CMAA	1837.6	13.2	.3	1659.4	17.037	5.6541	16.9391
WIOZ	370.4	7.7	20.4	140.8	169.266	4.8349	17.6158
WKRC	484.1	96.6	15.5	155.5	118.776	3.6936	
ZIZ	2829.3	339.5	.0	2188.3	8.085	3.5384	
WJMW	350.4	217.2	21.5	95.7	173.565	3.3219	

Point: WSAU Frequency: 550 kHz

Station Call		Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult (uV/m)	IF Level (mV/m)	RSS (mV/m)
KTRS		691.2	4.6	10.2	1141.6	66.452	15.1721	15.1721
WKRC		770.7	328.5	9.7	497.8	54.097	5.3855	16.1448
CHNO		697.6	258.4	10.2	457.8	54.094	4.9527	16.8891
WIND	*	405.9	335.1	18.6	1534.1	136.116	4.1757	
KFYR		876.1	100.7	7.4	530.0	36.911	4.1240	
CMAA		2550.6	349.7	.0	1550.0	8.431	2.7969	
WGR		691.9	288.8	13.0	346.4	58.250	1.6646	

* Indicates an adjacent channel station