

EXHIBIT 28
WVIX (FM) CHANNEL 228A FACILITY ID#48449
LEMONT, ILLINOIS
UNIVISION RADIO LICENSE CORPORATION

The proposed location of the facility does not provide FCC 70 dBu 50-50 contour to 100% of the community of Lemont, Illinois. The 60 dBu 50-50 contour encompasses the entire community of Lemont. The 70 dBu 50-50 contour provides no service to the corporate 2010 Census boundary of Lemont, Illinois. Univision Radio License Corporation believes that a supplemental showing and alternative method of coverage prediction is appropriate to demonstrate coverage to the community of license and compliance with 73.315. The Longley-Rice propagation model was used to predict 70 dBu service to Lemont. The bearings toward Lemont are approximately 175 to 200 degrees true. The contour was predicted using a computer program, V-Soft Probe 4 utilizing 30-second terrain data. The bearings toward Lemont demonstrated an increase over the Commission 50-50 method of 61% or more on each radial. This percentage of increase alone demonstrates that the terrain along these bearings departs widely from the 50 meter delta-h norm utilized in the Commission's propagation curves, and justifies the utilization of the supplemental showing to demonstrate coverage of the community and obviates the need for any further demonstration of terrain variation or delta-h study¹.

¹ FCC 08-139, May 28, 2008 and DA 10-1760, September 16, 2010

The supplemental showing demonstrates 100% city grade coverage of the population and area of the community of license.

The Longley-Rice parameters are shown on the contour exhibit. The refractivity was obtained from a table of surface refractivity reduced to sea level as appropriate for the Lemont and Oakbrook area of Illinois.

The following is a tabulation of data and comparison between the Longley-Rice calculated 70 dBu 50-50 contour and 70 dBu 50-50 FCC contour distances from the proposed WVIX transmitter site and the bearings toward the community of license.

Bearing Degrees	60 dBu	70 dBu	70 dBu L-R	Difference	
	KM	FCC KM	Calculated KM	KM	Percent
175	27.51	15.62	30.50	14.88	95.26
180	27.21	15.40	30.00	14.6	94.80
185	27.15	15.36	27.30	11.94	77.70
190	26.99	15.24	27.05	11.81	77.40
195	26.66	15.01	24.20	9.19	61.00
200	26.67	15.02	29.65	14.63	49.34

See the following pages for a contour exhibit demonstrating coverage of the community of license.

Distance to Contour Report

Type of contour: FCC
Location Variability: 50.0 %
Time Variability: 50.0 %
of Radials Calculated: 72
FCC Matching HAAT Calculation Used
Field Strength: 60.00 dBuV/m

Primary Terrain: FCC 30 Second US Database

----- Transmitter Information:

Call Letters: WVIX
File Number:
Latitude: 41-51-30 N
Longitude: 087-57-16 W
ERP: 3.50 kW
Channel: 228
Frequency: 93.5 MHz
AMSL Height: 341.0 m
Elevation: 208.0 m
Horiz. Antenna Pattern: Omni
Vert. Elevation Pattern: No

Azimuth (deg)	Distance (km)	HAAT (m)
-----	-----	-----
0.0	28.25	131.8
5.0	28.55	135.1
10.0	28.61	135.8
15.0	28.69	136.7
20.0	28.86	138.6
25.0	28.96	139.6
30.0	29.19	142.2
35.0	29.23	142.6
40.0	29.26	142.9
45.0	29.38	144.2
50.0	29.55	146.1
55.0	29.65	147.1
60.0	29.67	147.3
65.0	29.81	148.8
70.0	29.83	149.1
75.0	29.89	149.7
80.0	29.97	150.5
85.0	30.17	152.7
90.0	30.21	153.1
95.0	30.40	155.0
100.0	30.53	156.5
105.0	30.58	157.0
110.0	30.45	155.6
115.0	30.33	154.3
120.0	30.04	151.3
125.0	30.01	150.9
130.0	30.00	150.8
135.0	29.91	149.9

140.0	29.69	147.6
145.0	29.39	144.3
150.0	29.18	142.0
155.0	29.10	141.2
160.0	28.98	139.8
165.0	28.54	135.0
170.0	28.04	129.5
175.0	27.51	123.5
180.0	27.21	120.2
185.0	27.15	119.6
190.0	26.99	117.7
195.0	26.66	114.4
200.0	26.67	114.5
205.0	26.74	115.2
210.0	26.82	116.0
215.0	27.17	119.7
220.0	27.61	124.7
225.0	27.57	124.3
230.0	27.49	123.3
235.0	27.64	125.0
240.0	27.44	122.7
245.0	27.34	121.6
250.0	27.09	118.9
255.0	26.80	115.8
260.0	26.66	114.4
265.0	26.67	114.5
270.0	26.76	115.4
275.0	26.73	115.2
280.0	26.77	115.5
285.0	26.86	116.5
290.0	26.85	116.4
295.0	26.75	115.3
300.0	26.73	115.1
305.0	27.03	118.2
310.0	27.27	120.9
315.0	27.47	123.1
320.0	27.31	121.2
325.0	27.58	124.3
330.0	27.95	128.5
335.0	28.11	130.3
340.0	28.33	132.7
345.0	28.64	136.1
350.0	28.40	133.5
355.0	28.21	131.4

Average HAAT for radials shown: 132.9 m

Distance to Contour Report

Type of contour: FCC
Location Variability: 50.0 %
Time Variability: 50.0 %
of Radials Calculated: 72
FCC Matching HAAT Calculation Used
Field Strength: 70.00 dBuV/m

Primary Terrain: FCC 30 Second US Database

----- Transmitter Information:

Call Letters: WVIX
File Number:
Latitude: 41-51-30 N
Longitude: 087-57-16 W
ERP: 3.50 kW
Channel: 228
Frequency: 93.5 MHz
AMSL Height: 341.0 m
Elevation: 208.0 m
Horiz. Antenna Pattern: Omni
Vert. Elevation Pattern: No

Azimuth (deg)	Distance (km)	HAAT (m)
-----	-----	-----
0.0	16.20	131.8
5.0	16.43	135.1
10.0	16.48	135.8
15.0	16.54	136.7
20.0	16.67	138.6
25.0	16.75	139.6
30.0	16.93	142.2
35.0	16.95	142.6
40.0	16.98	142.9
45.0	17.07	144.2
50.0	17.19	146.1
55.0	17.26	147.1
60.0	17.28	147.3
65.0	17.38	148.8
70.0	17.40	149.1
75.0	17.44	149.7
80.0	17.49	150.5
85.0	17.63	152.7
90.0	17.66	153.1
95.0	17.78	155.0
100.0	17.88	156.5
105.0	17.91	157.0
110.0	17.82	155.6
115.0	17.74	154.3
120.0	17.54	151.3
125.0	17.52	150.9
130.0	17.51	150.8
135.0	17.45	149.9

140.0	17.29	147.6
145.0	17.07	144.3
150.0	16.92	142.0
155.0	16.86	141.2
160.0	16.76	139.8
165.0	16.42	135.0
170.0	16.03	129.5
175.0	15.62	123.5
180.0	15.40	120.2
185.0	15.36	119.6
190.0	15.24	117.7
195.0	15.01	114.4
200.0	15.02	114.5
205.0	15.07	115.2
210.0	15.12	116.0
215.0	15.37	119.7
220.0	15.70	124.7
225.0	15.67	124.3
230.0	15.61	123.3
235.0	15.73	125.0
240.0	15.57	122.7
245.0	15.50	121.6
250.0	15.32	118.9
255.0	15.10	115.8
260.0	15.00	114.4
265.0	15.01	114.5
270.0	15.08	115.4
275.0	15.06	115.2
280.0	15.08	115.5
285.0	15.15	116.5
290.0	15.15	116.4
295.0	15.07	115.3
300.0	15.06	115.1
305.0	15.27	118.2
310.0	15.45	120.9
315.0	15.59	123.1
320.0	15.47	121.2
325.0	15.67	124.3
330.0	15.96	128.5
335.0	16.09	130.3
340.0	16.26	132.7
345.0	16.50	136.1
350.0	16.31	133.5
355.0	16.17	131.4

Average HAAT for radials shown: 132.9 m

Distance to Contour Report

Type of contour: Signal Calculated

of Radials Calculated: 72

Using the mean occurrence method at 70.0 dBu

----- Transmitter Information:

Call Letters: WVIX

File Number:

Latitude: 41-51-30 N

Longitude: 087-57-16 W

ERP: 3.50 kW

Channel: 228

Frequency: 93.5 MHz

AMSL Height: 341.0 m

Elevation: 208.0 m

Horiz. Antenna Pattern: Omni

Vert. Elevation Pattern: No

Azimuth (deg)	Distance (km)	HAAT (m)
-----	-----	-----
0.0	25.80	131.8
5.0	25.60	135.1
10.0	25.60	135.8
15.0	27.50	136.7
20.0	29.80	138.6
25.0	28.65	139.6
30.0	26.00	142.2
35.0	28.00	142.6
40.0	24.95	142.9
45.0	23.80	144.2
50.0	24.00	146.1
55.0	24.10	147.1
60.0	24.20	147.3
65.0	27.40	148.8
70.0	27.30	149.1
75.0	27.60	149.7
80.0	28.90	150.5
85.0	29.90	152.7
90.0	30.10	153.1
95.0	30.50	155.0
100.0	29.80	156.5
105.0	29.70	157.0
110.0	29.80	155.6
115.0	30.00	154.3
120.0	28.30	151.3
125.0	30.20	150.9
130.0	30.70	150.8
135.0	29.20	149.9
140.0	28.30	147.6
145.0	28.45	144.3
150.0	26.50	142.0
155.0	29.25	141.2
160.0	30.45	139.8

165.0	31.10	135.0
170.0	27.20	129.5
175.0	30.50	123.5
180.0	30.00	120.2
185.0	27.30	119.6
190.0	27.05	117.7
195.0	24.20	114.4
200.0	29.65	114.5
205.0	23.20	115.2
210.0	23.60	116.0
215.0	23.60	119.7
220.0	23.60	124.7
225.0	23.60	124.3
230.0	23.60	123.3
235.0	28.30	125.0
240.0	26.10	122.7
245.0	23.60	121.6
250.0	25.70	118.9
255.0	26.40	115.8
260.0	26.50	114.4
265.0	26.55	114.5
270.0	27.30	115.4
275.0	25.25	115.2
280.0	32.00	115.5
285.0	23.80	116.5
290.0	23.70	116.4
295.0	23.60	115.3
300.0	23.60	115.1
305.0	23.80	118.2
310.0	26.20	120.9
315.0	24.60	123.1
320.0	24.60	121.2
325.0	27.30	124.3
330.0	28.30	128.5
335.0	33.20	130.3
340.0	35.40	132.7
345.0	30.00	136.1
350.0	29.55	133.5
355.0	23.90	131.4

Average HAAT for radials shown: 132.9 m