

Exhibit 16 - Statement B
NIGHTTIME ALLOCATION CONSIDERATIONS
prepared for
Bernard Ohio, LLC
WV KO Columbus, Ohio
Facility ID 22341
1580 kHz 3.2 kW-D 0.29 kW-N U DA-2

Bernard Ohio, LLC (“*Bernard Ohio*”) licensee of Standard Broadcast Radio Station WV KO, 1580 kHz, Columbus, Ohio holds a Construction Permit (file number BMP-20060307AYC) which proposed to relocate the transmitting facilities and utilize a new daytime and nighttime directional antenna pattern. The construction of the authorized antenna system has been completed and a license application is being filed concurrently with this application. The instant application proposes to add augmentations to four radials in the nighttime pattern and to demonstrate that a slight change in the position of Tower 2 has no effect on the allocations situation for this application. A complete nighttime allocations study has been performed.

Allocations Considerations

Pertinent stations operating at night on the same channel and adjacent channels above and below the proposed frequency of use were considered in this study. Only the most critical stations and those in the direction of the augmentations have been shown in **Exhibit 16 - Table III**. **Exhibit 16 - Figure 3** shows the continued protection to Canadian Class A station CKDO, 1580 kHz, Oshawa, ON.

As shown, there is no increase in interference caused by the proposed augmentation. Therefore it is believed that this application meets all Commission Rules and policies pertaining to the augmentation of the WV KO nighttime pattern.

Exhibit 16 - Table II
PROPOSED AUGMENTED NIGHTTIME
DISTANCE TO CONTOURS

prepared for
Bernard Ohio, LLC
WVKO Columbus, Ohio
Facility ID 22341
1580 kHz 3.2 kW-D 0.29 kW-N U DA-2

Azimuth (deg)	Field at 1 km (mV/m)	Ground Conductivity Data Region Conductivity Data in mS/m followed by distance in km to end of region. * - Indicates Measurement Data	Distance To <u>Contour</u> 10.55 mV/m (km)
0	12	3*-3, 4*-7.1, 3*-18.9, 8-38.6, 15-150.1 8-157.1, 15-162.5, 8-194.9, 10-214.7, 20-255.9 8-265.3, 15-445.2, 8-602.2, 10-640.3, 4-652.9 10-679.6, 2-1048.4, 6-1108, 2-1300	0.83
5	14	5*-3.3, 4*-10.8, 3*-15.5, 8-132.1, 15-156.5 8-160.6, 15-165.4, 8-185.3, 10-219.3, 20-287.2 15-288.6, 20-290.9, 15-372.9, 8-544.3, 10-623.1 4-653.5, 10-676.6, 2-974.3, 6-1118, 2-1300	1.02
10	17	5*-3.3, 4*-10.8, 3*-15.5, 8-182.2, 10-209.6 20-211.7, 10-223.2, 20-336.9, 10-579.8, 4-586.9 10-668.9, 2-965.2, 6-1080, 2-1255.6, 5000-1300	1.25
15	20	5*-3.3, 4*-10.8, 3*-15.5, 8-187.7, 10-248.8 20-364, 6-378.7, 10-384.8, 6-500.8, 4-560 10-668.3, 2-976.6, 6-1079, 2-1267.3, 2-1300	1.41
20	17	5*-3.3, 4*-10.8, 3*-15.5, 8-206.8, 10-259.5 20-267.4, 10-275.9, 20-372.3, 6-492.2, 4-542.3 10-628.6, 1-630.7, 10-633.6, 1-641.7, 2-1013.8 6-1080.6, 2-1300	1.24
25	13	5*-3.3, 4*-10.8, 3*-15.5, 8-233.6, 10-319.2 20-365.2, 4-391.2, 6-464, 4-581.8, 10-590.4 1-729.1, 2-1040.9, 2-1300	0.98
30	12	5*-3.5, 4*-7.2, 3*-15.2, 5*-21.4, 8-266 10-335.1, 4-545.6, 6-606.6, 1-800.4, 2-1012.8 2-1300	0.90
35	12	5*-3.5, 4*-7.2, 3*-15.2, 5*-21.4, 8-297.4 10-344.1, 4-384.2, 20-445.9, 15-490.9, 6-638.4 1-766.2, 4-829.4, 2-1038.3, 2-1300	0.90
40	12	5*-3.5, 4*-7.2, 3*-15.2, 5*-21.4, 8-332.4 10-365.7, 4-366.2, 10-412, 20-465.7, 15-482.6 8-514, 15-574.7, 6-621.6, 4-713.7, 1-754.8 4-856.3, 2-1142.8, 2-1300	0.94
45	12	5*-3.5, 4*-7.2, 3*-15.2, 5*-21.4, 8-284.3 4-327.2, 8-430.2, 10-452.1, 20-462.6, 8-571.7 15-629.1, 4-662.8, 15-664.7, 10-719.7, 4-779.2 10-917.6, 4-939.7, 2-1238.2, 4-1300	0.94
50	13	8-305.3, 4-493.3, 8-571.9, 4-572.8, 8-638.1 15-647.9, 8-707.1, 4-910.1, 10-1011.1, 6-1140 4-1297.9, 1-1300	1.09
55	15	8-320.7, 2-351.6, 4-911.2, 2-1018.3, 0.5-1056.7 4-1099.1, 0.5-1117.2, 4-1151.4, 1-1154, 4-1163.7	1.21

Exhibit 16 - Table II

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**PROPOSED AUGMENTED NIGHTTIME
DISTANCE TO CONTOURS**

Azimuth (deg)	Field at 1 km (mV/m)	Ground Conductivity Data Region Conductivity Data in mS/m followed by distance in km to end of region. * - Indicates Measurement Data	Distance To <u>Contour</u> 10.55 mV/m (km)
60	17	8-292.8, 2-378.8, 4-817.5, 2-962.1, 0.5-1021.6 1-1127.6, 2-1300	1.37
65	21	8-262, 4-280.8, 2-415.5, 4-876.4, 2-899.9 1-1045.4, 2-1124.5, 5000-1155.6, 2-1159.3, 5000-1300	1.64
70	29	8-209.6, 4-292.5, 2-471.7, 4-854.8, 1-1014.3 2-1053.2, 5000-1300	2.13
75	41	8-172.6, 4-307.3, 2-565.1, 4-715.8, 2-723.1 4-799.2, 1-851.1, 2-989.1, 5000-989.8, 2-1059 5000-1097.2, 2-1099.1, 5000-1101.6, 2-1105.1, 5000-1300	2.84
80	57	8-148.6, 4-323.7, 2-396.6, 4-448.7, 2-638.8 4-689.1, 2-735.1, 4-784.5, 5000-803.3, 4-804.1 5000-811, 4-813.5, 5000-833.7, 0.5-846.2, 5000-863.2 0.5-886.4, 5000-897.6, 0.5-928.2, 5000-1300	3.70
85	78	8-131.6, 4-347.6, 2-371.9, 4-442.6, 2-523 4-761, 5000-1300	4.65
90	102	8-118.3, 4-426.6, 2-495.8, 4-641.2, 5000-646 4-750.6, 5000-1300	5.61
95	127	4*-8.6, 3*-13.6, 4*-23, 8-107.7, 4-408.4 2-547.8, 4-573.7, 40-576.3, 4-582.6, 40-593.8 4-594.1, 40-603.3, 4-647.2, 5000-661, 4-717 5000-1300	4.79
100	154	4*-8.6, 3*-13.6, 4*-23, 8-99.5, 4-195 2-254.6, 4-390.5, 2-530.4, 4-561, 40-564.2 4-567.7, 40-570.4, 4-571, 40-590.1, 4-594 40-596.3, 4-692.8, 5000-1300	5.36
105	180	4*-8.6, 3*-13.6, 4*-23, 8-93.1, 4-170.1 2-242.5, 4-361.6, 2-515.2, 4-524.5, 5000-526.6 4-578.6, 5000-594, 2-636.8, 5000-639, 2-695.7 5000-1300	5.86
110	204	4*-8.6, 3*-13.6, 4*-23, 8-87.8, 4-148.9 2-233.1, 4-319.3, 2-525.6, 4-596.6, 5000-670.1 2-688.2, 5000-1300	6.29
115	226	8-83.7, 4-128.1, 2-232.4, 4-265.3, 2-651.8 5000-678, 2-685.9, 5000-1300	9.39
120	243	8-80.5, 4-110.3, 2-647.9, 4-661.1, 5000-665.4 4-673.1, 5000-674.6, 4-717.5, 5000-1300	9.81
125	256	8-78.1, 4-93.4, 2-674.6, 4-720.3, 5000-750.3 4-757.9, 5000-766.2, 4-798.1, 5000-1300	10.11
130	263	4*-3, 5*-6.9, 4*-13.9, 5*-17.1, 8-76.1 2-707.5, 4-750.6, 5000-755.4, 4-769.6, 5000-777.2 4-779.9, 5000-1300	7.22
135	267	4*-3, 5*-6.9, 4*-13.9, 5*-17.1, 8-74 2-463.6, 4-511, 2-707.7, 4-767.9, 5000-771.4 4-803.5, 5000-1300	7.27

Exhibit 16 - Table II

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**PROPOSED AUGMENTED NIGHTTIME
DISTANCE TO CONTOURS**

Azimuth (deg)	Field at 1 km (mV/m)	Ground Conductivity Data Region Conductivity Data in mS/m followed by distance in km to end of region. * - Indicates Measurement Data	Distance To <u>Contour</u> 10.55 mV/m (km)
140	265	4*-3, 5*-6.9, 4*-13.9, 5*-17.1, 8-72.6 2-453.1, 4-586.9, 2-623.3, 4-786.8, 5000-1300	7.25
145	261	4*-3, 5*-6.9, 4*-13.9, 5*-17.1, 8-71.8 2-461.7, 4-605.5, 2-711, 4-801.8, 5000-805.6 4-809.3, 5000-1300	7.18
150	253	8-71.5, 2-515.8, 4-598.7, 2-706.6, 4-791.5 5000-1300	10.06
155	244	8-71.7, 2-527, 4-609.7, 2-705.9, 4-810.9 5000-813.7, 4-821.2, 5000-824.7, 4-830, 5000-1300	9.84
160	234	8-71.7, 2-341, 4-388.4, 2-563.5, 4-632.3 2-706.4, 4-858.6, 5000-1300	9.60
165	224	8-72.3, 2-339.7, 4-398.1, 2-589.3, 4-659.3 2-714.5, 4-864.7, 5000-865.5, 4-871, 8-880.8 5000-1300	9.35
170	214	8-73.4, 2-344.2, 4-411.2, 2-604.2, 4-694 2-758.9, 4-916.8, 8-944, 5000-947, 8-954.3 5000-1300	9.10
175	206	8-74.6, 2-350.2, 4-428.5, 2-605.8, 4-744.6 2-812.5, 4-1136.8, 2-1300	8.88
180	199	8-76, 2-358.9, 4-451.4, 2-621.2, 4-985.4 2-1117, 4-1210.6, 5000-1300	8.70
185	194	4*-5.2, 3*-7.1, 4*-14.9, 3*-15.9, 8-78 2-370.3, 4-371, 2-661.8, 4-995.8, 2-1115.5 5000-1300	5.27
190	196	4*-5.2, 3*-7.1, 4*-14.9, 3*-15.9, 8-80.7 2-674.8, 1-768.8, 4-1063.3, 2-1084.1, 1-1166.2 5000-1300	5.30
195	200	4*-5.2, 3*-7.1, 4*-14.9, 3*-15.9, 8-84.6 2-266, 8-283.8, 2-564, 4-645, 2-832.8 4-1056.3, 1-1125, 5000-1300	5.37
200	196	4*-5.2, 3*-7.1, 4*-14.9, 3*-15.9, 8-94.3 2-175.4, 8-326.3, 2-578.2, 4-720.1, 2-833.1 4-901.4, 8-1042.9, 1-1126.3, 5000-1129.7, 1-1135.9 5000-1300	5.31
205	194	4*-5.2, 3*-7.1, 4*-14.9, 3*-15.9, 8-342 2-429.2, 4-527.9, 2-757.4, 4-941.6, 8-1063.2 1-1130.5, 2-1137.6, 5000-1300	5.28
210	199	8-268.8, 4-671.9, 2-770.4, 4-826.6, 2-1223.8 5000-1228.3, 2-1228.9, 5000-1258.3, 15-1300	8.71
215	206	8-264.3, 4-798.2, 2-1008.5, 4-1274.8, 15-1300	8.89
220	215	8-281.8, 4-815.2, 2-944.9, 8-1300	9.12
225	224	8-297, 4-788.8, 8-1230.8, 4-1296.7, 8-1300	9.36
230	235	8-307.1, 4-466.2, 8-562.2, 4-749.5, 8-1040.6 4-1223, 15-1298.1, 8-1300	9.61
235	245	8-316.7, 4-387.1, 8-599.9, 4-693.6, 8-970.2	9.85

Exhibit 16 - Table II

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**PROPOSED AUGMENTED NIGHTTIME
DISTANCE TO CONTOURS**

Azimuth (deg)	Field at 1 km (mV/m)	Ground Conductivity Data Region Conductivity Data in mS/m followed by distance in km to end of region. * - Indicates Measurement Data	Distance To <u>Contour</u> 10.55 mV/m (km)
240	254	8-610.7, 4-618.2, 8-1005.1, 4-1340	10.07
245	261	4*-3, 5*-6.2, 3*-14.6, 4*-19.6, 8-1074.1 15-1300	6.20
250	266	4*-3, 5*-6.2, 3*-14.6, 4*-19.6, 8-1177.7 15-1300	6.24
255	267	4*-3, 5*-6.2, 3*-14.6, 4*-19.6, 8-583.1 15-687.5, 8-1077.9, 15-1181.5, 30-1225.8, 8-1295.2 30-1300	6.25
260	263	4*-3, 5*-6.2, 3*-14.6, 4*-19.6, 8-522.7 15-693.5, 8-932.5, 15-1120.2, 30-1300	6.21
265	255	8-490.4, 15-654.6, 8-796.7, 15-1097.7, 30-1300	10.10
270	243	8-471, 15-617.8, 8-742.6, 15-1068.4, 30-1300	9.80
275	225	3*-9, 4*-14.8, 4*-20.1, 8-165.4, 15-291.9 8-460.1, 15-583.5, 8-667.2, 15-1029.1, 30-1091.8 15-1300	5.72
280	204	3*-9, 4*-14.8, 4*-20.1, 8-62.9, 15-270.6 8-447.8, 15-537.1, 8-713.9, 15-1022.7, 30-1064.8 15-1132.9, 30-1260.2, 15-1300	5.42
285	179	3*-9, 4*-14.8, 4*-20.1, 8-50.4, 15-253.9 8-438.6, 15-501.2, 8-781, 15-1287.4, 4-1300	5.05
290	153	3*-9, 4*-14.8, 4*-20.1, 8-44.1, 15-239.9 8-434.6, 15-481.3, 8-788.1, 15-1173.4, 30-1300	4.62
295	126	8-39.6, 15-228.2, 8-428.6, 15-461, 8-705.9 4-751.3, 8-863.8, 15-985.2, 30-1144.7, 15-1285.6 30-1300	6.49
300	99	8-36.3, 15-178.9, 8-677.5, 4-810.7, 8-898.7 15-1016.9, 8-1130.2, 15-1300	5.53
305	75	8-33.7, 15-117.3, 8-303.4, 2-369.6, 8-485.9 15-517.8, 8-677.8, 4-849.8, 8-938.4, 4-1239.5 30-1324	4.53
310	54	8-32.1, 15-108.2, 8-281.7, 2-374, 8-521.8 15-545.2, 8-676.7, 4-1300	3.54
315	37	8-31.1, 15-105.1, 8-262.3, 4-286, 2-384.3 8-554, 15-623.6, 8-691.4, 4-1004.7, 8-1176 4-1303.6	2.60
320	24	8-30.5, 15-106.4, 8-246.6, 4-290.9, 2-414.4 8-587.6, 15-645.9, 8-707.2, 4-978.6, 8-1300	1.81
325	16	8-30.1, 15-111.2, 8-238.9, 4-295.5, 2-348.7 8-401.9, 2-499.8, 8-718.6, 4-930.8, 8-1132.9 2-1136.8, 8-1146.1, 2-1300	1.26
330	12	8-30, 15-119.9, 8-239.8, 4-299.3, 8-453.1 2-541.9, 8-738.2, 4-911.9, 8-1047.5, 2-1300	1.00
335	11	8-30, 15-139.9, 8-250.5, 4-292.5, 8-481 2-583.3, 8-772.5, 4-802.4, 8-804.8, 4-812.2 8-902.2, 4-920.9, 8-1032.7, 2-1039, 8-1053.5	0.94

Exhibit 16 - Table II

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**PROPOSED AUGMENTED NIGHTTIME
DISTANCE TO CONTOURS**

Azimuth (deg)	Field at 1 km (mV/m)	Ground Conductivity Data Region Conductivity Data in mS/m followed by distance in km to end of region. * - Indicates Measurement Data	Distance To <u>Contour</u> 10.55 mV/m (km)
340	11	8-30.4, 15-163.6, 8-1060.9, 2-1201.2, 2-1300	0.92
345	15	3*-3, 4*-7.1, 3*-18.9, 8-30.9, 15-176.7 8-1008.6, 2-1143.8, 2-1300	0.95
350	19	3*-3, 4*-7.1, 3*-18.9, 8-32.7, 15-180.6 8-779.8, 2-794.2, 8-837.7, 2-869, 8-891.3 2-1106.2, 2-1223, 2-1300	1.15
355	16	3*-3, 4*-7.1, 3*-18.9, 8-35.1, 15-173.2 8-373.1, 15-418.1, 8-675.5, 10-695.4, 2-1071.6 6-1115.3, 2-1300	1.03

Exhibit 16 - Table III
NIGHTTIME INTERFERENCE STUDY
 prepared for
Bernard Ohio, LLC
 WVKO Columbus, Ohio
 Facility ID 22341
 1580 kHz 3.2 kW-D 0.29 kW-N U DA-2

WEAM(Lic), Columbus, GA
1580 kHz 32° 27' 55" N 85° 21' 22" W

<u>Station</u>	<u>Distance (km)</u>	<u>Bearing (deg)</u>	<u>Vert. Angle (deg)</u>	<u>Skywave Factor (mV/m)</u>	<u>Radiation (mV/m)</u>	<u>Night Limit (mV/m)</u>	<u>RSS Limit (mV/m)</u>
KXZZ, Lake Charles, LA	813.8	70.4	8.2-14.5	399.6	0.0631	5.04	5.04
XEDM, Hermosillo, SO	2,500.0	74.7	0.0-0.0	2,537.2	0.0098	4.95	7.07
					-----	50% Exclusion	-----
XERF*, Cd.Acuna, CI	1,564.4	73.2	1.7-5.2	6,248.1	0.0226	2.83	7.61
WPGC, Morningside, MD	1,021.7	228.3	5.7-10.9	270.0	0.0414	2.24	7.93
WHLY, South Bend, IN	1,030.1	174.0	5.6-10.7	271.6	0.0398	2.16	8.22
<i>WVKO(Lic), Columbus, OH</i>	<i>861.0</i>	<i>192.4</i>	<i>7.5-13.6</i>	<i>199.0</i>	<i>0.0541</i>	<i>2.15</i>	
WVKO(Prop), Columbus, OH	864.8	193.1	7.5-13.5	199.0	0.0537	2.14	8.50
					-----	25% Exclusion	-----
WCCF, Punta Gorda, FL	682.6	335.9	10.4-17.7	128.5	0.0814	2.09	8.75

* indicates first adjacent channel

Exhibit 16 - Table III

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NIGHTTIME INTERFERENCE STUDY

**WHYL(Lic), South Bend, IN
1580 kHz 41° 41' 09" N 86° 09' 53" W**

<u>Station</u>	<u>Distance (km)</u>	<u>Bearing (deg)</u>	<u>Vert. Angle (deg)</u>	<u>Skywave Factor (mV/m)</u>	<u>Radiation (mV/m)</u>	<u>Night Limit (mV/m)</u>	<u>RSS Limit (mV/m)</u>
CKDO, Oshawa, ON	650.6	250.6	11.0-18.7	675.6	0.0687	9.29	9.29
					-----	50% Exclusion	-----
XEDM, Hermosillo, SO	2,635.8	51.1	0.0-0.0	2,537.2	0.0076	3.83	10.05
WVKO(Lic), Columbus, OH	318.1	305.9	23.6-36.2	94.8	0.1906	3.61	
WVKO(Prop), Columbus, OH	325.4	304.8	23.1-35.6	74.6	0.1859	2.77	10.42
					-----	25% Exclusion	-----
XERF*, Cd.Acuna, CI	1,915.8	40.3	0.0-2.8	6,258.9	0.0140	1.75	10.57

* indicates first adjacent channel

**WPGC(Lic), Morningside, MD
1580 kHz 38° 52' 07" N 76° 53' 49" W**

<u>Station</u>	<u>Distance (km)</u>	<u>Bearing (deg)</u>	<u>Vert. Angle (deg)</u>	<u>Skywave Factor (mV/m)</u>	<u>Radiation (mV/m)</u>	<u>Night Limit (mV/m)</u>	<u>RSS Limit (mV/m)</u>
WLIM, Patchogue, NY	396.2	238.5	19.1-30.2	218.5	0.1496	6.54	6.54
CKDO, Oshawa, ON	577.6	163.7	12.7-21.2	268.0	0.0864	4.63	8.01
					-----	50% Exclusion	-----
WVKO(Lic), Columbus, OH	545.1	101.9	13.6-22.4	183.3	0.0993	3.64	
WVKO(Prop), Columbus, OH	535.7	102.4	13.8-22.8	160.1	0.1017	3.26	8.65
XEDM, Hermosillo, SO	3,302.4	61.6	0.0-0.0	2,537.2	0.0048	2.41	8.98
					-----	25% Exclusion	-----
WHLY, South Bend, IN	845.6	108.7	7.8-13.9	212.3	0.0493	2.09	9.22

* indicates first adjacent channel

Exhibit 16 - Table III

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NIGHTTIME INTERFERENCE STUDY

WAKR(Lic), Akron, OH

1590 kHz 41° 01' 14" N 81° 30' 20" W

<u>Station</u>	<u>Distance (km)</u>	<u>Bearing (deg)</u>	<u>Vert. Angle (deg)</u>	<u>Skywave Factor (mV/m)</u>	<u>Radiation (mV/m)</u>	<u>Night Limit (mV/m)</u>	<u>RSS Limit (mV/m)</u>
WKTP, Jonesborough, TN	528.0	8.9	14.1-23.2	56.3	0.1058	1.19	1.19
WNTS, Beech Grove, IN	413.6	68.4	18.3-29.1	40.7	0.1414	1.15	1.66
WHGT, Chambersburg, PA	347.9	292.1	21.7-33.7	30.9	0.1729	1.07	1.97
					-----	50% Exclusion	-----
WFBR, Glen Burnie, MD	463.1	297.8	16.2-26.2	38.6	0.1222	0.94	2.19
WONX, Evanston, IL	528.4	100.1	14.0-23.1	47.2	0.0989	0.93	2.38
WASB, Brockport, NY	380.0	231.7	19.9-31.3	30.4	0.1502	0.91	2.55
KDAV, Lubbock, TX	1,971.3	59.1	0.0-2.5	340.0	0.0121	0.83	2.68
WTVB, Coldwater, MI	307.9	107.6	24.4-37.1	21.0	0.1949	0.82	2.80
WPVL, Platteville, WI	766.4	101.5	8.9-15.6	68.8	0.0551	0.76	2.90
WKHZ, Ocean City, MD	618.0	300.1	11.7-19.7	45.9	0.0821	0.75	3.00
					-----	25% Exclusion	-----
WZRX, Jackson, MS	1,235.4	36.4	3.9-8.2	115.5	0.0295	0.68	3.07
WVCO(Prop)*, Columbus, OH	161.7	48.3	41.3-55.5	21.5	0.3321	0.14	

* indicates first adjacent channel

**EXHIBIT 16 - FIGURE 2
PROPOSED NIGHTTIME COVERAGE**

prepared June 2007 for
Bernard Ohio, LLC
WVKO(AM) Columbus, Ohio
Facility ID 22341
1580 kHz 3.2 kW-D 0.29 kW-N DA-2

Cavell, Mertz & Associates, Inc.
Manassas, Virginia

10.55 mV/m
Nighttime
Interference-Free
Contour

Columbus

Hilliard

Dublin

Westerville

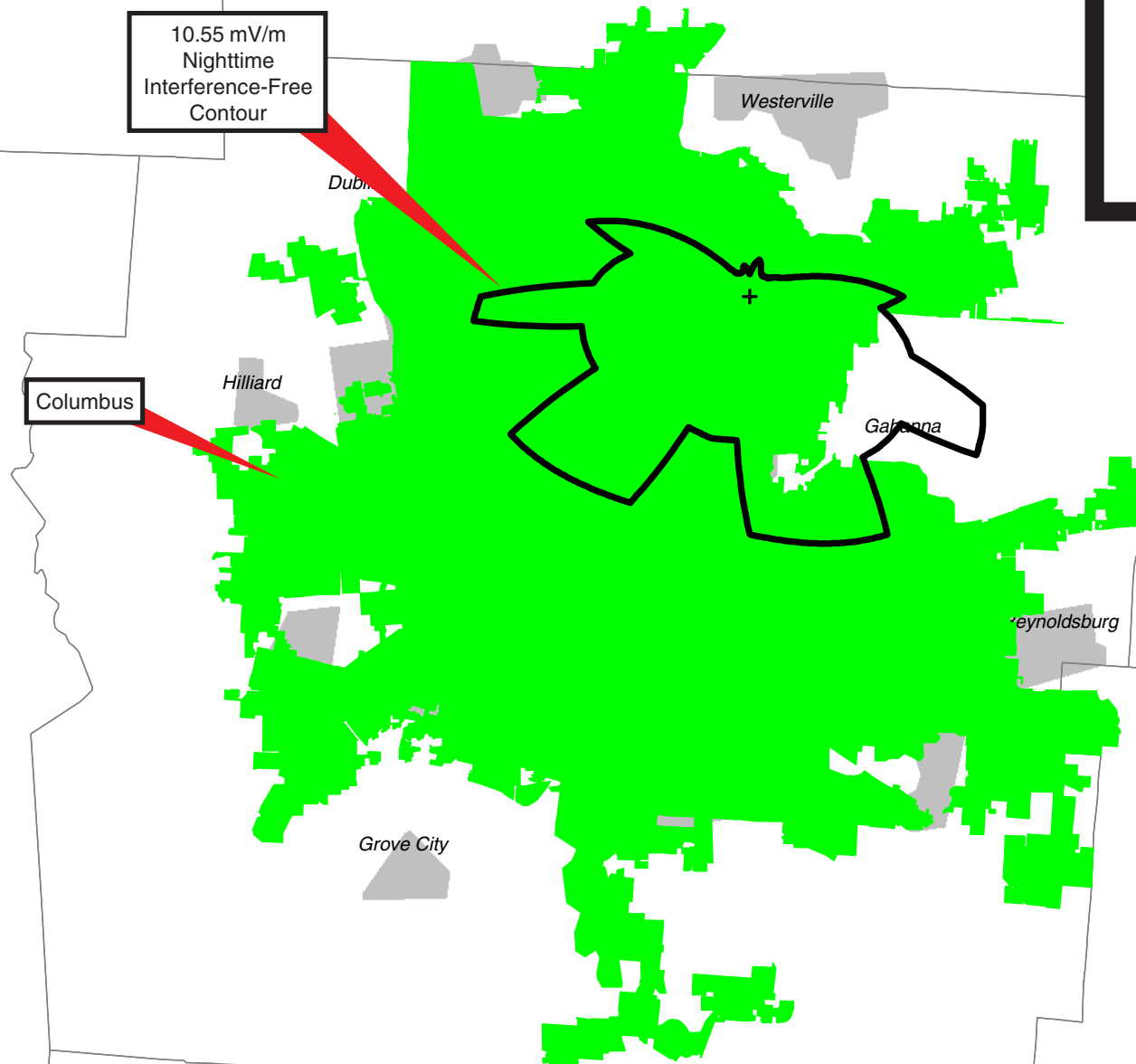
Gallena

Reynoldsburg

Grove City

Scale 1:250,000

0 3 6 9 km



CKDO(AM) Oshawa, ON
1580 kHz 10 kW
0.5 mV/m (50% Skywave)

The map displays the Great Lakes region with land in light gray and water in cyan. Black contour lines represent the nighttime protection levels for two radio stations. A red arrow points from the CKDO(AM) label to its contour, and another red arrow points from the Proposed WVKO(AM) label to its contour. The CKDO(AM) contour is a large loop covering most of the Great Lakes. The Proposed WVKO(AM) contour is a smaller loop located to the east of the CKDO(AM) contour. A third contour line is visible further south, near the Ohio-Pennsylvania border, marked with a black crosshair. The map also shows state and provincial boundaries in green.

Proposed WVKO(AM)
0.025 mV/m (10% Skywave)

EXHIBIT 16 - FIGURE 3 NIGHTTIME PROTECTION OF CANADIAN CLASS A

prepared June 2007 for
Bernard Ohio, LLC
WVKO(AM) Columbus, Ohio
Facility ID 22341

1580 kHz 3.2 kW-D 0.29 kW-N DA-2

Cavell, Mertz & Associates, Inc.
Manassas, Virginia

Contours calculated using US-Canada
Bilateral Agreement Annex II, Figure 4A

