

EXHIBIT 16B2
BASIS FOR 0.5 mV/m, 50% SKYWAVE CONTOUR
FOR WLS(AM), CHICAGO, ILLINOIS

JANUARY 2006

```
*****
*
* SKYWAVE PROTECTION PROGRAM
* VERSION 1.3
* COPYRIGHT 1993 BY GLEN CLARK
*
*****
```

PROTECTED STATION: 41 33 21 N
87 50 54 W

PROTECTING STATION: 42 14 50 N
71 25 31 W

DOMESTIC CURVES USED

HEIGHT OF TOWER IN DEGREES OF PROTECTED STATION - 189.3

PROTECTED SKYWAVE CONTOUR - 0.50 mV/m

HORIZONTAL PLANE INVERSE DISTANCE FIELD OF PROTECTED STATION - 2788.1 mV/m

PROTECTED STATION					INTERCEPT POINT		PROTECTING STATION				
AZIMUTH	ZENITH	FIELD	DISTANCE	EFFICIENCY	LATITUDE	LONGITUDE	AZIMUTH	ZENITH	FIELD	DISTANCE	EFFICIENCY
0	14.0	2437.5	690.0	0.205E-03	47 45 43.1	87 50 54.0	301.1	4.4	187.7	1425.4	0.133E-03
3	14.0	2436.4	689.0	0.205E-03	47 44 36.8	87 22 1.0	301.5	4.7	177.7	1390.9	0.141E-03
6	14.0	2436.4	689.0	0.205E-03	47 42 55.0	86 53 14.5	301.9	5.0	168.0	1356.2	0.149E-03
9	14.0	2436.4	689.0	0.205E-03	47 40 5.9	86 24 41.0	302.3	5.3	158.5	1321.1	0.158E-03
12	14.0	2437.5	690.0	0.205E-03	47 36 41.5	85 56 15.8	302.6	5.6	149.2	1285.8	0.168E-03
15	14.0	2437.5	690.0	0.205E-03	47 31 39.2	85 28 24.5	302.8	5.9	140.1	1250.1	0.178E-03
18	13.9	2438.7	691.0	0.205E-03	47 26 2.6	85 0 48.5	303.0	6.2	131.3	1214.2	0.190E-03
21	13.9	2440.9	693.0	0.205E-03	47 19 50.8	84 33 26.1	303.1	6.6	122.8	1178.1	0.204E-03
24	13.9	2442.0	694.0	0.205E-03	47 12 5.0	84 6 58.4	303.2	6.9	114.7	1141.9	0.218E-03
27	13.8	2444.2	696.0	0.205E-03	47 3 45.2	83 40 51.1	303.1	7.3	106.8	1105.5	0.234E-03
30	13.8	2446.4	698.0	0.205E-03	46 54 23.2	83 15 28.5	303.0	7.7	99.4	1069.1	0.252E-03
33	13.7	2449.6	701.0	0.204E-03	46 44 26.6	82 50 28.1	302.8	8.2	92.2	1032.6	0.271E-03
36	13.6	2452.8	704.0	0.204E-03	46 33 29.2	82 26 18.9	302.5	8.6	85.5	996.2	0.292E-03
39	13.6	2456.0	707.0	0.204E-03	46 21 32.8	82 3 6.0	302.0	9.1	79.1	960.0	0.316E-03
42	13.5	2459.1	710.0	0.204E-03	46 8 39.5	81 40 54.2	301.4	9.6	73.1	924.3	0.342E-03
45	13.4	2463.2	714.0	0.203E-03	45 55 12.6	81 19 12.7	300.7	10.2	67.5	888.6	0.370E-03
48	13.3	2467.3	718.0	0.203E-03	45 40 50.8	80 58 37.8	299.8	10.7	62.3	853.6	0.401E-03
51	13.2	2471.3	722.0	0.202E-03	45 25 36.5	80 39 13.9	298.7	11.3	57.5	819.5	0.435E-03
54	13.1	2475.3	726.0	0.202E-03	45 9 32.4	80 21 4.6	297.3	11.9	53.0	786.5	0.471E-03
57	13.0	2480.1	731.0	0.202E-03	44 52 56.4	80 3 32.9	295.8	12.5	49.0	754.2	0.511E-03
60	12.9	2484.9	736.0	0.201E-03	44 35 33.1	79 47 20.6	294.0	13.2	45.3	723.6	0.552E-03
63	12.8	2489.6	741.0	0.201E-03	44 17 25.6	79 32 30.6	291.8	13.8	42.0	694.9	0.595E-03
66	12.7	2494.2	746.0	0.201E-03	43 58 36.9	79 19 5.8	289.4	14.5	39.1	668.6	0.639E-03
69	12.6	2499.6	752.0	0.200E-03	43 39 18.7	79 6 25.3	286.7	15.1	36.6	644.1	0.684E-03
72	12.5	2504.0	757.0	0.200E-03	43 19 15.9	78 55 57.0	283.6	15.7	34.5	623.9	0.725E-03
75	12.4	2509.2	763.0	0.200E-03	42 58 47.0	78 46 16.2	280.2	16.2	32.8	606.3	0.763E-03
78	12.3	2514.3	769.0	0.199E-03	42 37 47.1	78 38 7.7	276.5	16.6	31.4	593.0	0.795E-03
81	12.1	2520.2	776.0	0.198E-03	42 16 21.4	78 30 49.2	272.7	16.9	30.4	583.1	0.822E-03
84	12.0	2525.0	782.0	0.198E-03	41 54 28.6	78 25 49.1	268.6	17.0	29.9	579.1	0.836E-03
87	11.9	2529.8	788.0	0.198E-03	41 32 15.8	78 22 24.4	264.5	17.0	29.8	580.3	0.839E-03
90	11.8	2535.3	795.0	0.197E-03	41 9 43.2	78 19 52.6	260.4	16.8	30.0	585.6	0.833E-03
93	11.6	2540.6	802.0	0.197E-03	40 46 54.9	78 18 57.7	256.4	16.5	30.6	596.1	0.816E-03
96	11.5	2545.1	808.0	0.197E-03	40 24 1.5	78 20 21.2	252.7	16.0	31.7	612.5	0.789E-03
99	11.4	2550.2	815.0	0.196E-03	40 0 55.0	78 22 39.0	249.2	15.4	33.1	632.6	0.756E-03
102	11.3	2555.1	822.0	0.196E-03	39 37 44.4	78 26 33.0	246.0	14.8	34.8	657.0	0.717E-03
105	11.1	2560.0	829.0	0.195E-03	39 14 33.7	78 32 2.3	243.2	14.1	37.0	685.3	0.676E-03
108	11.0	2564.8	836.0	0.195E-03	38 51 26.8	78 39 6.0	240.7	13.3	39.5	717.0	0.634E-03
111	10.9	2569.4	843.0	0.195E-03	38 28 27.7	78 47 43.1	238.5	12.6	42.3	751.7	0.591E-03
114	10.8	2573.3	849.0	0.195E-03	38 5 56.3	78 58 27.7	236.8	11.9	45.5	789.4	0.550E-03
117	10.7	2577.7	856.0	0.194E-03	37 43 25.7	79 10 5.8	235.2	11.1	48.9	828.9	0.511E-03
120	10.6	2581.5	862.0	0.194E-03	37 21 33.0	79 23 45.5	234.0	10.4	52.7	870.4	0.474E-03
123	10.5	2585.7	869.0	0.193E-03	36 59 46.0	79 38 17.3	233.0	9.8	56.8	913.3	0.440E-03
126	10.4	2589.3	875.0	0.193E-03	36 38 46.9	79 54 44.1	232.2	9.2	61.1	957.6	0.409E-03

129	10.3	2592.8	881.0	0.193E-03	36 18 20.5	80 12 30.2	231.7	8.6	65.7	1002.9	0.380E-03
132	10.2	2596.3	887.0	0.193E-03	35 58 30.2	80 31 33.3	231.3	8.0	70.6	1048.9	0.354E-03
135	10.1	2599.6	893.0	0.193E-03	35 39 19.2	80 51 50.8	231.1	7.4	75.8	1095.6	0.330E-03
138	10.0	2603.0	899.0	0.192E-03	35 20 50.9	81 13 19.8	231.1	6.9	81.1	1142.7	0.308E-03
141	9.9	2605.7	904.0	0.192E-03	35 3 34.9	81 36 20.5	231.2	6.5	86.7	1190.0	0.288E-03
144	9.8	2608.3	909.0	0.192E-03	34 47 9.4	82 0 24.0	231.4	6.0	92.5	1237.3	0.270E-03
147	9.8	2611.0	914.0	0.192E-03	34 31 37.2	82 25 27.0	231.7	5.6	98.5	1284.7	0.254E-03
150	9.7	2613.1	918.0	0.192E-03	34 17 29.8	82 51 44.3	232.1	5.2	104.7	1331.6	0.239E-03
153	9.6	2615.6	923.0	0.191E-03	34 3 52.7	83 18 35.4	232.6	4.8	111.1	1378.6	0.225E-03
156	9.6	2617.1	926.0	0.191E-03	33 52 16.6	83 46 45.1	233.2	4.4	117.6	1424.5	0.213E-03
159	9.5	2619.1	930.0	0.191E-03	33 41 14.9	84 15 22.0	233.9	4.1	124.3	1470.3	0.201E-03
162	9.5	2620.6	933.0	0.191E-03	33 31 50.3	84 44 49.3	234.6	3.8	131.2	1515.2	0.191E-03
165	9.5	2622.1	936.0	0.191E-03	33 23 34.3	85 14 49.3	235.4	3.5	138.1	1559.4	0.181E-03
168	9.4	2623.5	939.0	0.191E-03	33 16 28.2	85 45 18.5	236.2	3.2	145.2	1602.9	0.172E-03
171	9.4	2624.5	941.0	0.191E-03	33 11 5.5	86 16 18.6	237.1	2.9	152.4	1645.2	0.164E-03
174	9.4	2625.0	942.0	0.191E-03	33 7 27.8	86 47 40.6	238.1	2.7	159.6	1686.0	0.157E-03
177	9.3	2625.9	944.0	0.190E-03	33 4 31.6	87 19 11.8	239.0	2.4	167.0	1726.4	0.150E-03
180	9.3	2626.4	945.0	0.190E-03	33 3 22.0	87 50 54.0	240.0	2.2	174.4	1765.3	0.143E-03
183	9.3	2626.4	945.0	0.191E-03	33 3 59.3	88 22 37.9	241.1	2.0	181.8	1802.5	0.138E-03
186	9.3	2626.9	946.0	0.190E-03	33 5 18.9	88 54 21.8	242.1	1.8	189.4	1839.2	0.132E-03
189	9.3	2626.4	945.0	0.191E-03	33 8 57.3	89 25 51.0	243.2	1.6	196.8	1873.4	0.127E-03
192	9.3	2626.4	945.0	0.190E-03	33 13 17.3	89 57 12.7	244.3	1.4	204.4	1907.1	0.122E-03
195	9.3	2625.9	944.0	0.190E-03	33 19 22.3	90 28 10.5	245.5	1.3	212.0	1938.8	0.118E-03
198	9.4	2625.0	942.0	0.191E-03	33 27 10.3	90 58 35.5	246.6	1.1	219.5	1968.5	0.114E-03
201	9.4	2624.5	941.0	0.191E-03	33 35 37.7	91 28 43.8	247.8	1.0	227.1	1997.6	0.110E-03
204	9.4	2623.5	939.0	0.191E-03	33 45 44.9	91 58 8.4	249.0	0.8	234.6	2024.6	0.107E-03
207	9.5	2622.1	936.0	0.191E-03	33 57 28.7	92 26 40.7	250.2	0.7	242.0	2049.3	0.103E-03
210	9.5	2620.6	933.0	0.191E-03	34 10 16.7	92 54 29.5	251.4	0.6	249.4	2072.6	0.100E-03
213	9.5	2619.1	930.0	0.191E-03	34 24 6.8	93 21 31.6	252.6	0.5	256.8	2094.5	0.973E-04
216	9.6	2617.6	927.0	0.191E-03	34 38 57.0	93 47 43.4	253.9	0.4	264.2	2114.9	0.946E-04
219	9.6	2615.6	923.0	0.191E-03	34 55 11.5	94 12 39.1	255.1	0.3	271.4	2132.9	0.921E-04
222	9.7	2613.1	918.0	0.192E-03	35 12 45.0	94 36 10.4	256.3	0.2	278.3	2148.5	0.898E-04
225	9.8	2611.0	914.0	0.192E-03	35 30 42.8	94 59 1.2	257.6	0.2	285.3	2163.5	0.876E-04
228	9.8	2608.3	909.0	0.192E-03	35 49 52.2	95 20 18.4	258.8	0.1	292.1	2176.0	0.856E-04
231	9.9	2605.7	904.0	0.192E-03	36 9 44.4	95 40 23.4	260.1	0.1	298.7	2187.0	0.837E-04
234	10.0	2603.0	899.0	0.192E-03	36 30 16.3	95 59 13.4	261.3	0.0	305.2	2196.5	0.819E-04
237	10.1	2599.6	893.0	0.193E-03	36 51 44.6	96 16 13.9	262.5	0.0	311.4	2203.4	0.803E-04
240	10.2	2596.8	888.0	0.193E-03	37 13 24.7	96 32 24.5	263.8	0.0	317.6	2209.8	0.787E-04
243	10.3	2593.4	882.0	0.193E-03	37 35 51.7	96 46 37.9	265.0	0.0	323.4	2213.7	0.773E-04
246	10.4	2589.3	875.0	0.193E-03	37 58 58.2	96 58 48.1	266.2	0.0	328.7	2215.0	0.761E-04
249	10.5	2585.7	869.0	0.194E-03	38 22 6.6	97 10 3.1	267.4	0.0	334.0	2215.8	0.748E-04
252	10.6	2582.1	863.0	0.194E-03	38 45 30.7	97 19 46.6	268.6	0.0	339.1	2215.1	0.737E-04
255	10.7	2577.7	856.0	0.194E-03	39 9 18.4	97 27 17.9	269.8	0.0	343.5	2211.9	0.728E-04
258	10.8	2573.3	849.0	0.195E-03	39 33 10.9	97 33 12.6	271.0	0.0	347.6	2207.2	0.719E-04
261	10.9	2569.4	843.0	0.195E-03	39 56 55.7	97 38 10.3	272.2	0.0	351.6	2202.1	0.711E-04
264	11.0	2564.8	836.0	0.195E-03	40 20 47.6	97 40 49.4	273.3	0.0	354.9	2194.5	0.704E-04
267	11.1	2560.0	829.0	0.196E-03	40 44 32.2	97 41 49.1	274.5	0.1	357.7	2185.5	0.699E-04
270	11.3	2555.1	822.0	0.196E-03	41 8 5.7	97 41 9.1	275.6	0.1	360.1	2175.1	0.694E-04
273	11.4	2550.2	815.0	0.196E-03	41 31 23.9	97 38 49.4	276.8	0.2	361.9	2163.3	0.691E-04
276	11.5	2545.8	809.0	0.196E-03	41 54 22.6	97 35 33.6	277.9	0.2	363.6	2151.2	0.688E-04
279	11.6	2540.6	802.0	0.197E-03	42 17 0.2	97 29 55.5	279.0	0.3	364.3	2136.8	0.686E-04
282	11.8	2535.3	795.0	0.197E-03	42 39 10.8	97 22 39.1	280.0	0.4	364.4	2121.1	0.686E-04
285	11.9	2530.6	789.0	0.198E-03	43 0 55.5	97 14 29.4	281.1	0.5	364.3	2105.1	0.686E-04
288	12.0	2525.0	782.0	0.198E-03	43 22 2.4	97 4 0.3	282.1	0.5	363.1	2086.9	0.689E-04
291	12.1	2520.2	776.0	0.199E-03	43 42 39.5	96 52 40.9	283.2	0.6	361.6	2068.5	0.691E-04
294	12.2	2515.2	770.0	0.199E-03	44 2 38.3	96 39 49.3	284.2	0.7	359.5	2049.0	0.695E-04
297	12.4	2510.1	764.0	0.199E-03	44 21 55.3	96 25 27.7	285.2	0.8	356.6	2028.2	0.701E-04
300	12.5	2504.9	758.0	0.200E-03	44 40 27.3	96 9 39.1	286.2	0.9	353.1	2006.4	0.708E-04
303	12.6	2499.6	752.0	0.200E-03	44 58 11.1	95 52 26.4	287.1	1.0	348.8	1983.5	0.717E-04
306	12.7	2494.2	746.0	0.201E-03	45 15 3.7	95 33 53.2	288.0	1.2	343.8	1959.6	0.727E-04
309	12.8	2489.6	741.0	0.201E-03	45 31 20.2	95 14 41.8	289.0	1.3	338.6	1935.6	0.738E-04
312	12.9	2484.9	736.0	0.201E-03	45 46 43.0	94 54 15.4	289.9	1.4	332.7	1910.6	0.751E-04
315	13.0	2480.1	731.0	0.202E-03	46 1 9.5	94 32 38.3	290.7	1.6	326.1	1884.7	0.767E-04
318	13.1	2475.3	726.0	0.202E-03	46 14 37.2	94 9 55.2	291.6	1.7	318.9	1857.8	0.784E-04
321	13.2	2471.3	722.0	0.203E-03	46 27 27.5	93 46 43.2	292.4	1.8	311.5	1830.8	0.802E-04
324	13.3	2467.3	718.0	0.203E-03	46 39 17.4	93 22 31.6	293.3	2.0	303.6	1803.0	0.823E-04
327	13.4	2463.2	714.0	0.203E-03	46 50 4.9	92 57 25.9	294.1	2.2	295.1	1774.4	0.847E-04
330	13.5	2459.1	710.0	0.204E-03	46 59 48.1	92 31 31.5	294.8	2.3	286.2	1745.0	0.874E-04
333	13.6	2456.0	707.0	0.204E-03	47 8 53.9	92 5 18.2	295.6	2.5	277.2	1715.5	0.902E-04
336	13.6	2452.8	704.0	0.204E-03	47 16 54.4	91 38 23.4	296.3	2.7	267.8	1685.2	0.934E-04
339	13.7	2449.6	701.0	0.204E-03	47 23 48.7	91 10 53.4	297.0	2.9	258.0	1654.3	0.969E-04
342	13.7	2447.4	699.0	0.204E-03	47 30 6.0	90 43 10.6	297.7	3.1	248.3	1623.2	0.101E-03
345	13.8	2444.2	696.0	0.205E-03	47 34 45.3	90 14 46.2	298.3	3.3	238.1	1591.0	0.105E-03
348	13.9	2442.0	694.0	0.205E-03	47 38 47.5	89 46 16.7	298.9	3.5	228.0	1558.6	0.110E-03
351	13.9	2440.9	693.0	0.205E-03	47 42 13.4	89 17 40.5	299.5	3.7	218.0	1526.2	0.115E-03

354	13.9	2438.7	691.0	0.205E-03	47	43	59.4	88	48	44.7	300.0	3.9	207.7	1492.7	0.120E-03
357	14.0	2437.5	690.0	0.206E-03	47	45	9.1	88	19	49.8	300.6	4.2	197.6	1459.1	0.127E-03
360	14.0	2436.4	689.0	0.206E-03	47	45	10.8	87	50	54.1	301.0	4.4	187.6	1425.1	0.133E-03

* * * * * NORMAL TERMINATION * * * * *