

GRAHAM BROCK, INC.

BROADCAST TECHNICAL CONSULTANTS

WNAM NEENAH-MENASHA WI

Freq: 1280 kHz

Class: B

Latitude: 44-06-01 N

Longitude: 088-32-02 W

Power: 50 kW

RMS: 2116 mV/m @ 1km

Towers: 4

Proposed - Solid Lines

WNAM NEENAH-MENASHA WI

Freq: 1280 kHz

Class: B

Latitude: 44-06-01 N

Longitude: 088-32-02 W

Power: 5 kW

RMS: 665.88 mV/m @ 1km

Towers: 4

Present - Dashed Lines

2.0 mV/m

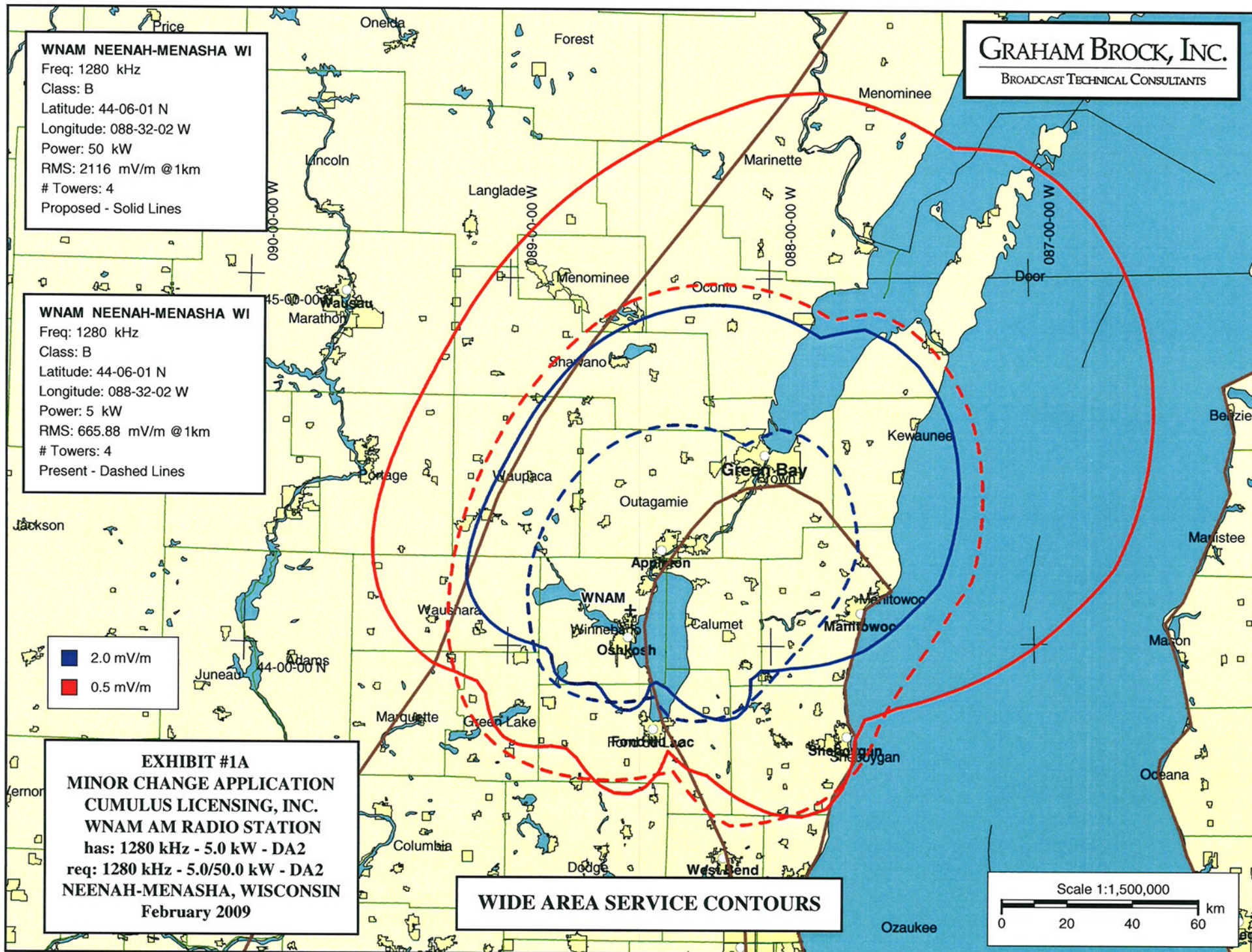
0.5 mV/m

EXHIBIT #1A
MINOR CHANGE APPLICATION
CUMULUS LICENSING, INC.
WNAM AM RADIO STATION
has: 1280 kHz - 5.0 kW - DA2
req: 1280 kHz - 5.0/50.0 kW - DA2
NEENAH-MENASHA, WISCONSIN
February 2009

WIDE AREA SERVICE CONTOURS

Scale 1:1,500,000

0 20 40 60 km



WNAM NEENAH-MENASHA WI

Freq: 1280 kHz
Class: B
Latitude: 44-06-01 N
Longitude: 088-32-02 W
Power: 50 kW
RMS: 2116 mV/m @1km
Towers: 4
Proposed - Solid Lines

WNAM NEENAH-MENASHA WI

Freq: 1280 kHz
Class: B
Latitude: 44-06-01 N
Longitude: 088-32-02 W
Power: 5 kW
RMS: 665.88 mV/m @1km
Towers: 4
Present - Dashed Lines

5.0 mV/m

EXHIBIT #1B
MINOR CHANGE APPLICATION
CUMULUS LICENSING, INC.
WNAM AM RADIO STATION
has: 1280 kHz - 5.0 kW - DA2
req: 1280 kHz - 5.0/50.0 kW - DA2
NEENAH-MENASHA, WISCONSIN
February 2009

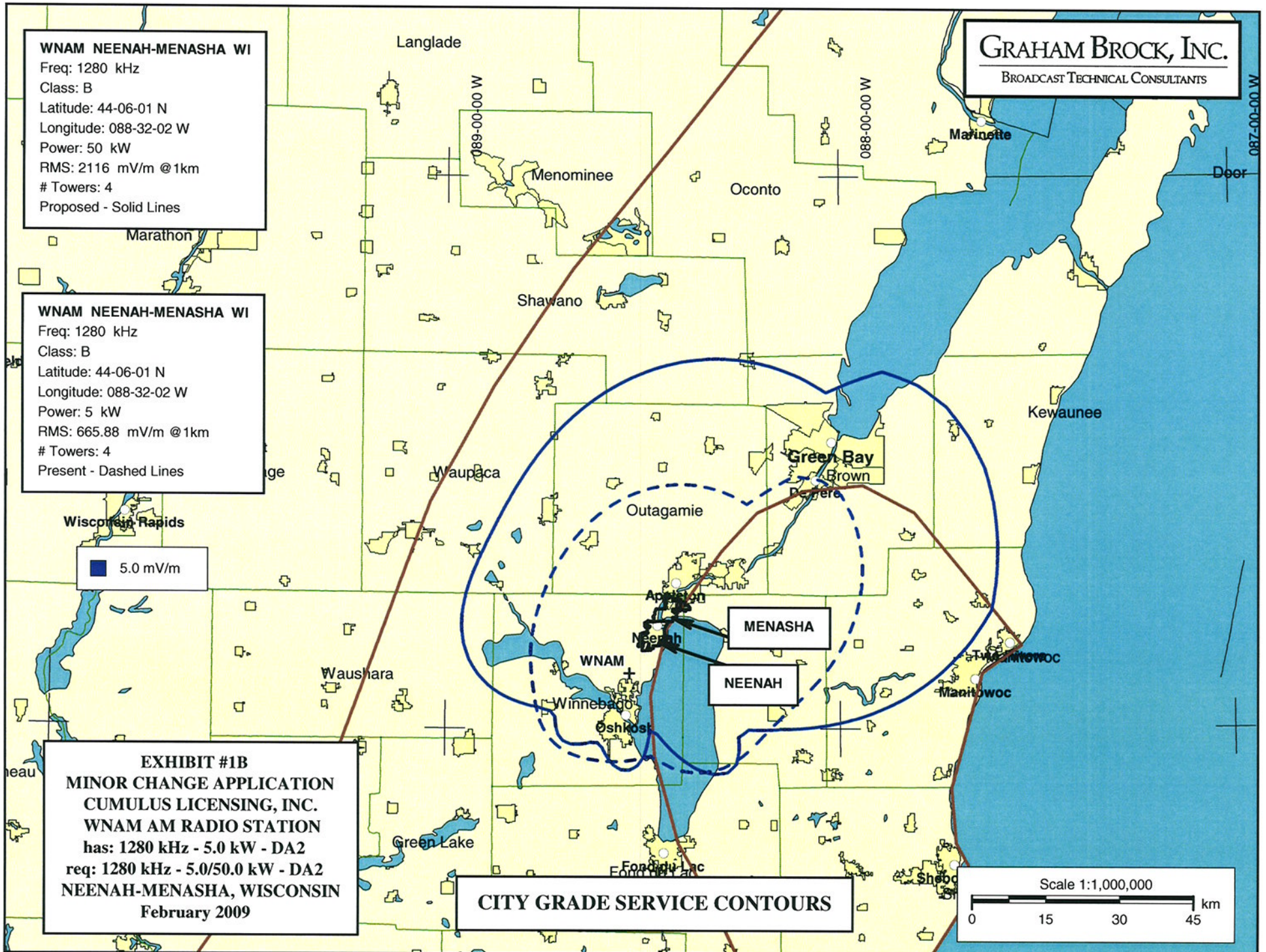
CITY GRADE SERVICE CONTOURS

GRAHAM BROCK, INC.

BROADCAST TECHNICAL CONSULTANTS

Scale 1:1,000,000

0 15 30 45 km



WNAM NEENAH-MENASHA WI

Freq: 1280 kHz
Class: B
Latitude: 44-06-01 N
Longitude: 088-32-02 W
Power: 50 kW
RMS: 2116 mV/m @1km
Towers: 4
Proposed - Solid Lines

WNAM NEENAH-MENASHA WI

Freq: 1280 kHz
Class: B
Latitude: 44-06-01 N
Longitude: 088-32-02 W
Power: 5 kW
RMS: 665.88 mV/m @1km
Towers: 4
Present - Dashed Lines

County Road GG

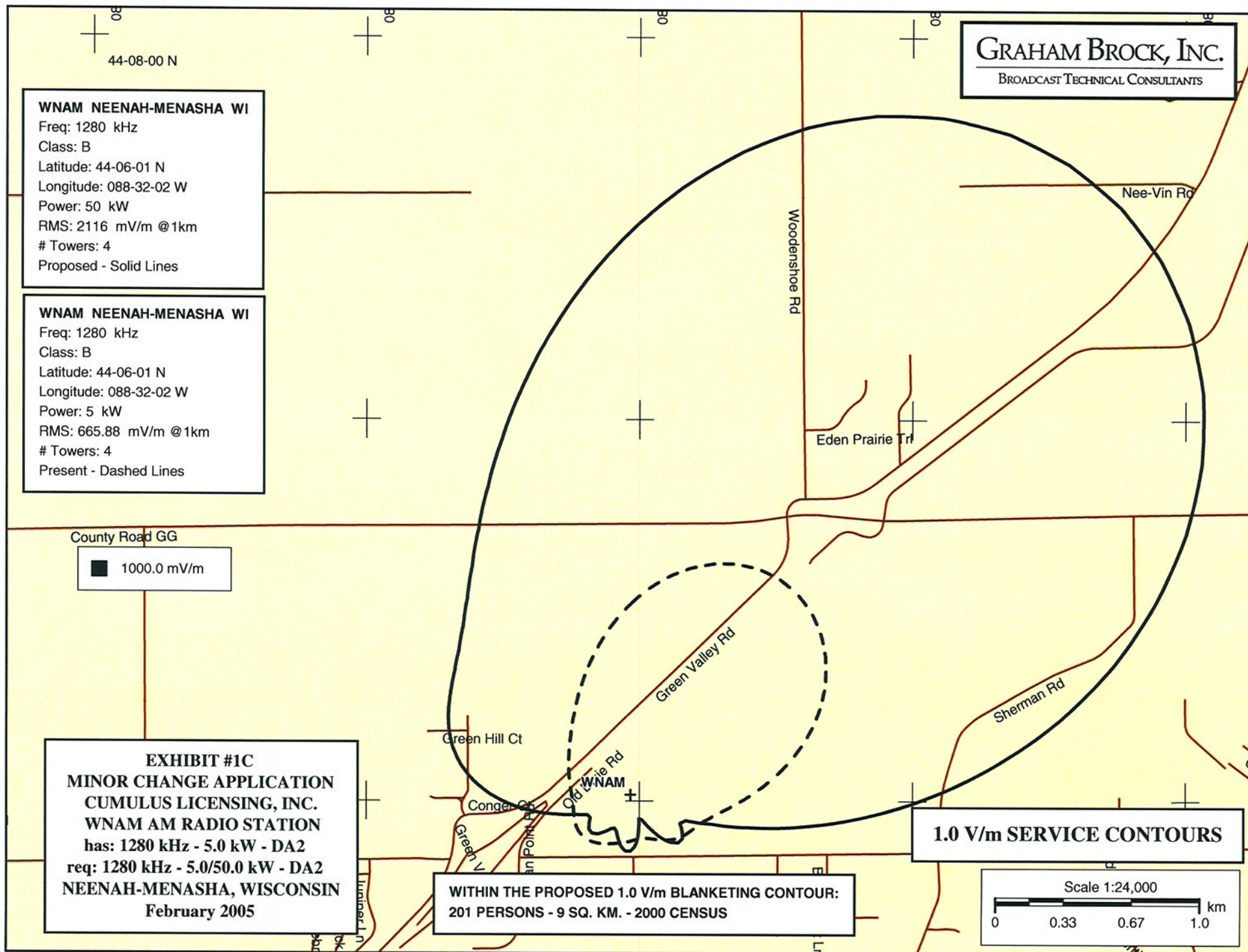
1000.0 mV/m

EXHIBIT #1C
MINOR CHANGE APPLICATION
CUMULUS LICENSING, INC.
WNAM AM RADIO STATION
has: 1280 kHz - 5.0 kW - DA2
req: 1280 kHz - 5.0/50.0 kW - DA2
NEENAH-MENASHA, WISCONSIN
February 2005

WITHIN THE PROPOSED 1.0 V/m BLANKETING CONTOUR:
201 PERSONS - 9 SQ. KM. - 2000 CENSUS

1.0 V/m SERVICE CONTOURS

Scale 1:24,000
0 0.33 0.67 1.0 km



MINOR CHANGE APPLICATION
CUMULUS LICENSING LLC
WNAM AM RADIO STATION
has: 1280 kHz - 5.0 kW - DA2
req: 1280 kHz - 5.0/50.0 kW - DA2
NEENAH-MENASHA, WISCONSIN
February 2009

EXHIBIT #1D

Proposed Daytime Service Contours

NORTH LATITUDE: 44° 06' 01"
WEST LONGITUDE: 88° 32' 02"

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers :			
		Contour levels in mV/m.			
		1000.000	5.000	2.000	.500
0.0	3367.64	2.73	59.34	86.46	138.02
5.0	3694.47	2.96	61.65	89.78	145.04
10.0	4005.03	3.17	63.73	92.78	152.49
15.0	4286.29	3.35	65.54	95.37	160.62
20.0	4525.79	3.51	67.02	97.50	166.51
25.0	4712.39	3.62	68.14	99.11	168.92
30.0	4836.85	3.70	68.88	100.16	170.49
35.0	4892.35	3.74	69.20	100.62	171.18
40.0	4874.83	3.73	79.51	110.89	181.37
45.0	4783.14	3.67	82.42	113.57	183.67
50.0	4619.08	3.57	83.84	114.57	183.98
55.0	4387.27	3.42	83.82	113.93	182.29
60.0	4094.89	3.23	83.12	112.43	179.36
65.0	3751.37	3.00	81.43	109.73	174.91
70.0	3367.95	2.73	79.38	106.50	169.43
75.0	2957.19	2.44	77.09	102.82	163.14
80.0	2532.47	2.14	74.56	98.78	155.99
85.0	2107.42	1.81	69.09	94.42	148.01
90.0	1695.48	1.49	62.96	86.13	135.57
95.0	1309.58	1.18	56.17	79.17	123.94
100.0	962.24	0.88	48.72	71.92	111.58
105.0	666.69	0.62	40.68	62.53	98.80
110.0	440.63	0.42	32.65	51.91	86.66
115.0	311.72	0.30	26.75	43.96	78.79
120.0	291.20	0.28	25.63	42.46	79.04
125.0	322.74	0.31	27.22	44.64	82.33
130.0	348.16	0.33	28.40	46.25	84.31
135.0	346.63	0.33	28.24	46.07	84.62
140.0	315.94	0.30	26.53	43.83	81.31
145.0	261.70	0.25	23.29	39.52	74.93
150.0	194.97	0.19	18.67	33.26	65.66
155.0	136.66	0.14	13.54	26.22	55.23
160.0	125.23	0.13	12.12	23.38	51.21
165.0	167.03	0.16	14.43	23.64	44.31
170.0	221.04	0.21	16.93	27.08	49.84
175.0	263.71	0.25	18.64	29.43	53.63

MINOR CHANGE APPLICATION
CUMULUS LICENSING LLC
WNAM AM RADIO STATION
has: 1280 kHz - 5.0 kW - DA2
req: 1280 kHz - 5.0/50.0 kW - DA2
NEENAH-MENASHA, WISCONSIN
February 2009

EXHIBIT #1D (continued)

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers :			
		Contour levels in mV/m.			
		1000.000	5.000	2.000	.500
180.0	286.20	0.28	19.48	30.56	55.48
185.0	286.11	0.28	19.47	30.55	55.48
190.0	265.78	0.26	18.72	29.53	53.81
195.0	232.51	0.22	17.41	27.74	50.90
200.0	199.78	0.19	15.99	25.81	47.78
205.0	185.84	0.18	15.35	24.91	46.35
210.0	200.10	0.19	16.01	25.83	47.81
215.0	231.02	0.22	17.35	27.66	50.76
220.0	260.29	0.25	18.51	29.25	53.35
225.0	275.56	0.27	19.09	30.03	54.62
230.0	271.99	0.26	18.95	29.85	54.33
235.0	252.86	0.24	18.22	28.85	52.71
240.0	232.95	0.23	17.43	27.77	50.94
245.0	240.13	0.23	17.72	28.17	51.59
250.0	295.14	0.28	19.79	30.99	56.19
255.0	389.31	0.37	22.82	35.09	62.51
260.0	502.90	0.48	25.89	39.25	66.80
265.0	620.61	0.58	28.61	42.95	70.83
270.0	732.17	0.68	30.88	46.06	74.32
275.0	831.07	0.77	32.70	48.57	77.20
280.0	913.97	0.84	34.13	50.53	79.50
285.0	980.39	0.90	35.21	51.45	81.31
290.0	1032.51	0.94	36.02	52.20	82.74
295.0	1074.77	0.98	36.66	52.89	83.97
300.0	1113.46	1.01	37.23	53.62	85.18
305.0	1156.07	1.05	37.85	54.51	86.59
310.0	1210.61	1.09	38.61	55.67	88.40
315.0	1284.89	1.16	39.62	57.05	90.62
320.0	1385.85	1.24	40.93	58.84	93.52
325.0	1518.98	1.35	42.56	61.13	97.18
330.0	1687.94	1.49	44.51	63.94	101.62
335.0	1894.21	1.65	46.72	67.23	106.74
340.0	2136.92	1.84	49.14	70.79	112.27
345.0	2412.69	2.05	51.69	74.77	118.30
350.0	2715.61	2.27	54.29	79.13	124.72
355.0	3037.38	2.50	56.86	82.88	131.30

MINOR CHANGE APPLICATION
CUMULUS LICENSING LLC
WNAM AM RADIO STATION
has: 1280 kHz - 5.0 kW - DA2
req: 1280 kHz - 5.0/50.0 kW - DA2
NEENAH-MENASHA, WISCONSIN
February 2009

EXHIBIT #1E1

Theoretical Horizontal Plane Pattern

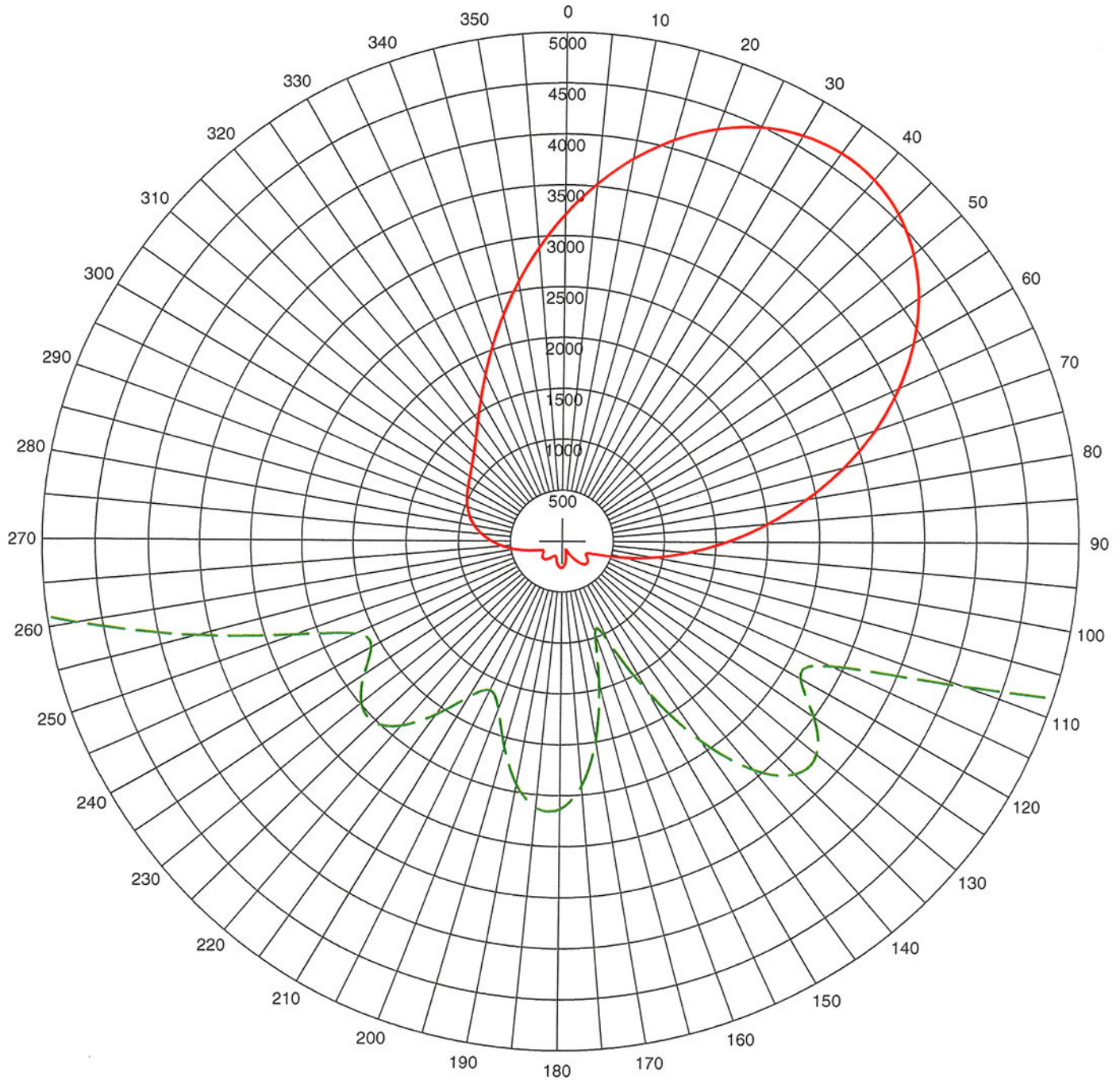
Call: WNAM
 Freq: 1280 kHz
 NEENAH-MENASHA, WI, US
 Lat: 44-06-01 N
 Lng: 088-32-02 W
 Power: 50.0 kW
 Theo RMS: 2116.00 mV/m @ 1km

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Switch	TL Switch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	90.0	0	0	0.0	0.0	0.0	0.0
2	0.715	32.4	161.3	134.2	152.0	0	0	0.0	0.0	0.0	0.0
3	0.772	117.0	176.6	164.7	90.0	0	0	0.0	0.0	0.0	0.0
4	0.869	104.0	90.0	230.0	90.0	0	0	0.0	0.0	0.0	0.0

 Theoretical Horizontal Plane Pattern

Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)
0.0	3206.50	120.0	268.17	240.0	210.29
5.0	3517.84	125.0	299.12	245.0	217.49
10.0	3813.66	130.0	323.96	250.0	272.04
15.0	4081.57	135.0	322.46	255.0	363.97
20.0	4309.70	140.0	292.47	260.0	473.71
25.0	4487.43	145.0	239.00	265.0	586.81
30.0	4605.98	150.0	171.69	270.0	693.71
35.0	4658.84	155.0	109.26	275.0	788.33
40.0	4642.15	160.0	96.05	280.0	867.57
45.0	4554.82	165.0	142.50	285.0	931.03
50.0	4398.55	170.0	198.28	290.0	980.79
55.0	4177.75	175.0	241.00	295.0	1021.15
60.0	3899.25	180.0	263.24	300.0	1058.08
65.0	3572.03	185.0	263.15	305.0	1098.74
70.0	3206.79	190.0	243.04	310.0	1150.79
75.0	2815.49	195.0	209.84	315.0	1221.66
80.0	2410.84	200.0	176.64	320.0	1317.96
85.0	2005.82	205.0	162.26	325.0	1444.92
90.0	1613.19	210.0	176.97	330.0	1606.00
95.0	1245.21	215.0	208.35	335.0	1802.62
100.0	913.69	220.0	237.60	340.0	2033.93
105.0	630.99	225.0	252.73	345.0	2296.71
110.0	413.64	230.0	249.20	350.0	2585.33
115.0	288.34	235.0	230.20	355.0	2891.88

WNAM DAYTIME



Theo RMS: 2116.0 mV/m@1km

Horizontal Plane Theoretical Pattern

— Pattern (mV/m @ 1km)
 - - - Pattern X10

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Switch	TL Switch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	90.0	0	0	0.0	0.0	0.0	0.0
2	0.715	32.4	161.3	134.2	152.0	0	0	0.0	0.0	0.0	0.0
3	0.772	117.0	176.6	164.7	90.0	0	0	0.0	0.0	0.0	0.0
4	0.869	104.0	90.0	230.0	90.0	0	0	0.0	0.0	0.0	0.0

Call: WNAM
 Freq: 1280 kHz
 NEENAH-MENASHA, WI, US
 Lat: 44-06-01 N
 Lng: 088-32-02 W
 Power: 50.0 kW
 Theo RMS: 2116.00 mV/m @ 1km

EXHIBIT #1E2

MINOR CHANGE APPLICATION
CUMULUS LICENSING LLC
WNAM AM RADIO STATION
has: 1280 kHz - 5.0 kW - DA2
req: 1280 kHz - 5.0/50.0 kW - DA2
NEENAH-MENASHA, WISCONSIN
February 2009

EXHIBIT #1F1

Standard Horizontal Plane Pattern

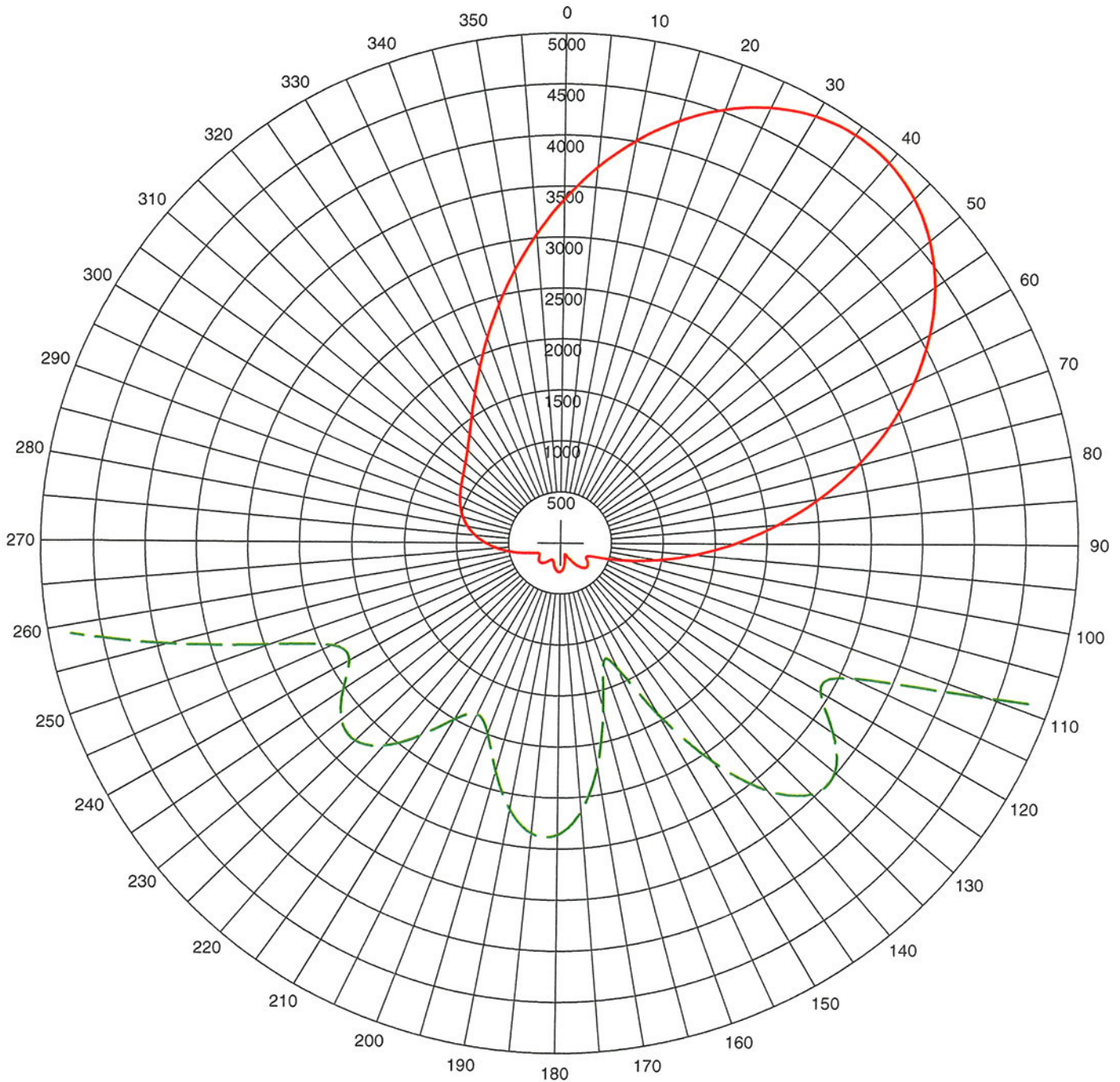
Call: WNAM
 Freq: 1280 kHz
 NEENAH-MENASHA, WI, US
 Lat: 44-06-01 N
 Lng: 088-32-02 W
 Power: 50.0 kW
 Theo RMS: 2116.00 mV/m @ 1km

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swch	TL Swch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	90.0	0	0	0.0	0.0	0.0	0.0
2	0.715	32.4	161.3	134.2	152.0	0	0	0.0	0.0	0.0	0.0
3	0.772	117.0	176.6	164.7	90.0	0	0	0.0	0.0	0.0	0.0
4	0.869	104.0	90.0	230.0	90.0	0	0	0.0	0.0	0.0	0.0

 Theoretical Horizontal Plane Pattern

Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)
0.0	3206.50	120.0	268.17	240.0	210.29
5.0	3517.84	125.0	299.12	245.0	217.49
10.0	3813.66	130.0	323.96	250.0	272.04
15.0	4081.57	135.0	322.46	255.0	363.97
20.0	4309.70	140.0	292.47	260.0	473.71
25.0	4487.43	145.0	239.00	265.0	586.81
30.0	4605.98	150.0	171.69	270.0	693.71
35.0	4658.84	155.0	109.26	275.0	788.33
40.0	4642.15	160.0	96.05	280.0	867.57
45.0	4554.82	165.0	142.50	285.0	931.03
50.0	4398.55	170.0	198.28	290.0	980.79
55.0	4177.75	175.0	241.00	295.0	1021.15
60.0	3899.25	180.0	263.24	300.0	1058.08
65.0	3572.03	185.0	263.15	305.0	1098.74
70.0	3206.79	190.0	243.04	310.0	1150.79
75.0	2815.49	195.0	209.84	315.0	1221.66
80.0	2410.84	200.0	176.64	320.0	1317.96
85.0	2005.82	205.0	162.26	325.0	1444.92
90.0	1613.19	210.0	176.97	330.0	1606.00
95.0	1245.21	215.0	208.35	335.0	1802.62
100.0	913.69	220.0	237.60	340.0	2033.93
105.0	630.99	225.0	252.73	345.0	2296.71
110.0	413.64	230.0	249.20	350.0	2585.33
115.0	288.34	235.0	230.20	355.0	2891.88

WNAM DAYTIME



Theo RMS: 2116.0 mV/m@1km
 Std RMS: 2223.04 mV/m@1km
 Q: 70.711 mV/m@1km

Horizontal Plane Standard Pattern

— Pattern (mV/m @ 1km)
 - - - Pattern X10

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Switch	TL Switch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	90.0	0	0	0.0	0.0	0.0	0.0
2	0.715	32.4	161.3	134.2	152.0	0	0	0.0	0.0	0.0	0.0
3	0.772	117.0	176.6	164.7	90.0	0	0	0.0	0.0	0.0	0.0
4	0.869	104.0	90.0	230.0	90.0	0	0	0.0	0.0	0.0	0.0

Call: WNAM
 Freq: 1280 kHz
 NEENAH-MENASHA, WI, US
 Lat: 44-06-01 N
 Lng: 088-32-02 W
 Power: 50.0 kW
 Theo RMS: 2116.00 mV/m @ 1km

EXHIBIT #1F2

MINOR CHANGE APPLICATION
CUMULUS LICENSING LLC
WNAM AM RADIO STATION
has: 1280 kHz - 5.0 kW - DA2
req: 1280 kHz - 5.0/50.0 kW - DA2
NEENAH-MENASHA, WISCONSIN
February 2009

EXHIBIT #1G

Present Daytime Service Contours

NORTH LATITUDE: 44° 06' 01"
WEST LONGITUDE: 88° 32' 02"

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers :			
		Contour levels in mV/m.			
		1000.000	5.000	2.000	.500
0.0	1011.82	0.93	35.70	52.72	93.18
5.0	1100.79	1.00	37.05	54.59	96.42
10.0	1185.50	1.07	38.26	56.29	99.36
15.0	1262.33	1.14	39.32	57.77	101.91
20.0	1327.81	1.19	40.18	58.99	104.00
25.0	1378.87	1.23	40.84	59.91	105.59
30.0	1412.99	1.26	41.27	60.52	106.64
35.0	1428.40	1.28	41.46	60.79	107.10
40.0	1424.09	1.27	51.82	71.13	117.38
45.0	1399.92	1.25	54.97	74.15	120.10
50.0	1356.59	1.22	55.94	75.77	121.16
55.0	1295.62	1.16	55.10	76.05	120.64
60.0	1219.24	1.10	53.80	75.75	119.30
65.0	1130.38	1.03	52.12	74.58	116.85
70.0	1032.48	0.94	50.07	73.20	113.98
75.0	929.44	0.85	47.72	71.73	110.86
80.0	825.48	0.76	45.12	68.42	107.61
85.0	724.96	0.68	42.36	64.78	104.41
90.0	632.23	0.59	39.55	61.06	97.78
95.0	551.30	0.52	36.85	57.47	93.19
100.0	485.24	0.46	34.43	54.27	89.26
105.0	435.45	0.41	32.44	51.63	86.19
110.0	400.90	0.38	30.97	49.66	84.13
115.0	378.19	0.36	29.94	48.29	83.56
120.0	362.57	0.35	29.19	47.28	84.36
125.0	349.54	0.34	28.53	46.41	84.28
130.0	335.82	0.32	27.80	45.45	83.42
135.0	319.79	0.31	26.92	44.29	81.91
140.0	301.31	0.29	25.77	42.79	79.76
145.0	281.50	0.27	24.40	41.04	77.23
150.0	262.30	0.25	22.85	39.09	74.52
155.0	245.98	0.24	21.11	37.00	71.76
160.0	234.47	0.23	18.99	34.61	63.11
165.0	228.62	0.22	17.25	27.52	50.54
170.0	227.92	0.22	17.22	27.48	50.48
175.0	230.86	0.22	17.34	27.65	50.75

MINOR CHANGE APPLICATION
CUMULUS LICENSING LLC
WNAM AM RADIO STATION
has: 1280 kHz - 5.0 kW - DA2
req: 1280 kHz - 5.0/50.0 kW - DA2
NEENAH-MENASHA, WISCONSIN
February 2009

EXHIBIT #1G (continued)

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers :			
		Contour levels in mV/m.			
		1000.000	5.000	2.000	.500
180.0	235.79	0.23	17.54	27.93	51.20
185.0	241.58	0.23	17.78	28.25	51.72
190.0	247.97	0.24	18.03	28.59	52.28
195.0	255.34	0.25	18.32	28.99	52.92
200.0	264.31	0.26	18.66	29.46	53.69
205.0	275.12	0.27	19.07	30.01	54.58
210.0	287.30	0.28	19.51	30.61	55.57
215.0	299.64	0.29	19.95	31.21	56.55
220.0	310.57	0.30	20.33	31.72	57.39
225.0	318.55	0.31	20.60	32.08	57.99
230.0	322.51	0.31	20.74	32.26	58.29
235.0	322.16	0.31	20.72	32.25	58.26
240.0	317.99	0.31	20.58	32.06	57.95
245.0	311.29	0.30	20.35	31.75	57.44
250.0	303.83	0.29	20.10	31.40	56.87
255.0	297.50	0.29	19.88	31.10	56.38
260.0	293.82	0.28	19.75	30.93	56.09
265.0	293.58	0.28	19.74	30.91	55.81
270.0	296.79	0.29	19.85	31.07	55.44
275.0	302.86	0.29	20.06	31.36	55.37
280.0	311.09	0.30	20.35	31.74	55.54
285.0	320.96	0.31	20.68	32.19	55.91
290.0	332.38	0.32	21.06	32.70	56.47
295.0	345.66	0.33	21.49	33.28	57.21
300.0	361.40	0.35	21.98	33.96	58.18
305.0	380.36	0.36	22.56	34.74	59.40
310.0	403.40	0.38	23.24	35.65	60.92
315.0	431.40	0.41	24.02	36.72	62.59
320.0	465.33	0.44	24.93	37.95	64.58
325.0	506.19	0.48	25.97	39.36	66.95
330.0	554.93	0.52	27.14	40.95	69.73
335.0	612.27	0.58	28.43	42.70	72.92
340.0	678.47	0.63	29.82	44.60	76.35
345.0	753.12	0.70	31.28	46.60	80.19
350.0	835.01	0.77	32.77	48.66	84.44
355.0	922.14	0.85	34.27	50.72	88.94

MINOR CHANGE APPLICATION
CUMULUS LICENSING LLC
WNAM AM RADIO STATION
has: 1280 kHz - 5.0 kW - DA2
req: 1280 kHz - 5.0/50.0 kW - DA2
NEENAH-MENASHA, WISCONSIN
February 2009

EXHIBIT #1H

Stations Within 16 km

ID Stations Study at 44 06 01 N, 88 32 02 W, Search Distance = 16 km

Call	Service	City	State	Chan.	Power	Coordinates		Dist-km	Azimuth	File	Number
AM											
WVCY	L	OSHKOSH	WI	690	0000.250kW	440451N	883353W	003.3	228.7	BL	AM
WHBY	L	KIMBERLY	WI	1150	0020.000kW	440820N	883246W	004.4	347.2	BL20050920AGF	AM
WOSH	L	OSHKOSH	WI	1490	0001.000kW	440246N	883144W	006.0	176.2	BL13011	AM
FM											
WWWX	M	Oshkosh	WI	245A	0006.000kW	440601N	883202W	000.0	000.0	BLH19911129KB	FM
W203AV	X	Oshkosh	WI	203D	0000.038kW	440351N	883143W	004.0	174.0	BLFT20030714AFQ	FM
632177	X	Oshkosh	WI	300D	0000.027kW	440351N	883143W	004.0	174.0	BNPFT20030314AUM	FM
WVBO	M	Winneconne	WI	280C3	0025.000kW	440823N	882902W	005.9	042.3	BLH20030926ARL	FM
632309	X	Oshkosh	WI	252D	0000.250kW	440308N	883418W	006.1	209.5	BNPFT20030310AHB	FM
637233	X	Oshkosh	WI	239D	0000.170kW	440210N	883159W	007.1	179.5	BNPFT20030317KVO	FM
649312	X	Oshkosh	WI	238D	0000.250kW	440144N	883213W	007.9	181.8	BNPFT20030317FKZ	FM
649139	X	Oshkosh	WI	251D	0000.250kW	440144N	883213W	007.9	181.8	BNPFT20030317EEE	FM
WRSTFM	M	Oshkosh	WI	212A	0000.960kW	440145N	883308W	008.0	190.5	BLD1160	FM
WOCT-L	L	Oshkosh	WI	270L1	0000.100kW	440113N	883228W	008.9	183.7	BLL20060126ANJ	FM
629396	X	Oshkosh	WI	252D	0000.050kW	440111N	883230W	009.0	184.0	BNPFT20030310BCL	FM
637599	X	Neenah	WI	251D	0000.250kW	441145N	883028W	010.8	011.1	BNPFT20030317JUD	FM
W268BC	X	Omro	WI	268D	0000.075kW	440150N	883916W	012.4	231.2	BLFT20070904AAH	FM
W210BV	X	Omro	WI	210D	0000.055kW	440150N	883916W	012.4	231.2	BLFT20070629CEX	FM
643536	X	Oshkosh	WI	287D	0000.080kW	440000N	883721W	013.2	212.5	BNPFT20030317KQI	FM
649331	X	Appleton	WI	293D	0000.250kW	441326N	882816W	014.6	020.0	BNPFT20030317FPU	FM
649298	X	Appleton	WI	300D	0000.250kW	441326N	882816W	014.6	020.0	BNPFT20030317FEU	FM
TV											
W17CF	X	Oshkosh	WI	17ZT	0049.000kW	440351N	883143W	004.0	174.0	BLTT19990608JA	TV
W17CF	G	Oshkosh	WI	17 T	0015.000kW	440351N	883143W	004.0	174.0	BDFCDTT20060221A	TV
W23BL	X	Oshkosh	WI	48ZT	0049.000kW	440351N	883143W	004.0	174.0	BPTTL20011120ABF	TV
ALAL30	A	Oshkosh	WI	50+2	0000.000kW	440118N	883242W	008.8	185.8		TV