MINOR CHANGE APPLICATION
MODIFY BP-20080227ACB
CUMULUS LICENSING LLC
WTOD AM RADIO STATION
has: 1560 kHz - 5.0 kW - DAD
req: 1560 kHz - 0.003/0.92/1.5 kW - ND
TOLEDO, OHIO
October 2009

EXHIBIT #2G

Present Domestic Allocation Contour Tabulation

North Latitude: 41° 36' 59"
West Longitude: 83° 37' 22"

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers : Contour levels in mV/m. 25.000	5.000	.500	.250	.025	.005
0.0	1030.71	13.58	29.04	77.12	102.75	232.40	350.76
5.0	998.82	13.35	28.64	76.11	101.45	231.73	351.54
10.0	950.33	13.00	28.03	74.53	99.42	233.53	354.49
15.0	887.37	12.53	27.21	72.40	96.67	232.58	353.10
20.0	812.77	11.94	26.18	69.76	93.25	228.66	346.69
25.0	730.02	11.25	24.96	66.66	89.20	221.60	338.25
30.0	643.04	10.46	23.59	63.16	84.61	212.66	328.03
35.0	556.15	9.61	22.08	59.39	82.43	220.14	331.86
40.0	473.93	8.73	20.51	55.49	78.26	216.84	325.71
45.0	401.30	7.87	18.96	51.71	71.54	205.19	317.71
50.0	343.25	7.12	17.59	48.40	65.82	193.81	307.47
55.0	304.04	6.58	16.57	45.98	62.35	184.89	296.96
60.0	285.08	6.30	16.04	44.75	60.50	173.47	278.16
65.0	283.31	6.28	15.99	44.63	60.04	159.87	266.95
70.0	292.32	6.41	16.25	45.23	60.66	160.52	268.12
75.0	305.46	6.60	16.61	46.07	61.81	162.61	266.68
80.0	317.77	6.77	16.94	49.67	65.67	165.22	269.26
85.0	326.20	6.89	17.18	52.84	69.03	166.80	271.74
90.0	329.18	6.93	18.66	56.24	72.48	168.89	273.97
95.0	326.06	6.89	19.47	58.94	75.12	171.25	276.19
100.0	317.20	6.77	19.78	60.32	79.09	174.40	278.93
105.0	304.20	6.58	19.74	61.45	79.94	174.02	277.93
110.0	290.16	6.38	19.40	60.29	79.48	172.13	275.38
115.0	280.18	6.23	19.06	60.45	79.84	171.43	273.14
120.0	281.16	6.24	19.14	60.58	80.38	172.08	273.03
125.0	299.80	6.52	19.94	62.26	82.61	176.25	277.10
130.0	339.23	7.07	21.48	65.55	86.66	183.97	285.39
135.0	397.86	7.83	23.54	69.99	92.27	194.37	296.82
140.0	471.22	8.70	25.82	74.97	99.00	206.16	308.32
145.0	554.15	9.59	28.08	80.01	105.90	218.25	318.87
150.0	641.67	10.45	30.17	84.77	112.04	230.44	329.17
155.0	729.16	11.38	32.00	89.07	117.57	242.08	339.44
160.0	812.30	12.11	33.51	92.76	122.33	250.41	348.31
165.0	887.16	12.58	34.63	95.74	126.17	256.34	354.91
170.0	950.28	13.00	35.32	97.91	129.05	260.25	359.81
175.0	998.82	13.35	35.52	99.21	130.84	264.56	365.11

See Exhibit #1M for M-3 ground conductivity tabulation

MINOR CHANGE APPLICATION
MODIFY BP-20080227ACB
CUMULUS LICENSING LLC
WTOD AM RADIO STATION
has: 1560 kHz - 5.0 kW - DAD
req: 1560 kHz - 0.003/0.92/1.5 kW - ND
TOLEDO, OHIO
October 2009

EXHIBIT #2G (continued)

Present Domestic Allocation Contour Tabulation

North Latitude: 41° 36' 59"
West Longitude: 83° 37' 22"

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers : Contour levels in mV/m. 25.000	5.000	.500	.250	.025	.005
180.0	1030.71	13.58	31.99	96.39	128.32	263.65	375.20
185.0	1044.77	13.67	29.21	77.56	108.06	247.26	365.72
190.0	1040.77	13.65	29.16	77.44	103.77	243.70	362.14
195.0	1019.46	13.50	28.90	76.76	102.29	241.19	359.47
200.0	982.43	13.24	28.44	75.58	100.78	238.27	356.28
205.0	932.03	12.87	27.80	73.92	98.64	234.71	352.32
210.0	871.19	12.40	26.99	71.84	95.94	230.65	347.51
215.0	803.17	11.86	26.04	69.41	92.79	226.11	342.16
220.0	731.39	11.26	24.98	66.71	89.27	221.11	336.20
225.0	659.23	10.61	23.85	63.83	85.50	214.20	330.14
230.0	589.85	9.95	22.68	60.89	81.62	205.42	323.88
235.0	526.03	9.30	21.53	58.00	77.79	196.41	316.07
240.0	470.02	8.69	20.43	55.30	74.19	187.31	300.56
245.0	423.37	8.14	19.45	52.90	70.98	174.95	283.61
250.0	386.77	7.69	18.63	50.91	68.31	169.57	277.09
255.0	360.05	7.35	18.00	49.39	66.27	165.40	271.80
260.0	342.32	7.11	17.57	48.35	64.87	162.46	268.11
265.0	332.36	6.98	17.31	47.75	64.06	160.76	265.98
270.0	329.18	6.93	17.23	47.55	63.80	160.21	253.91
275.0	332.36	6.98	17.31	47.75	64.06	158.20	239.41
280.0	342.32	7.11	17.57	48.35	64.87	150.02	231.78
285.0	360.05	7.35	18.00	49.39	66.27	148.92	231.62
290.0	386.77	7.69	18.63	50.91	68.31	149.76	233.84
295.0	423.37	8.14	19.45	52.90	70.98	152.30	238.20
300.0	470.02	8.69	20.43	55.30	73.68	156.07	243.82
305.0	526.03	9.30	21.53	58.00	76.27	160.54	250.37
310.0	589.85	9.95	22.68	60.89	79.17	165.49	270.80
315.0	659.23	10.61	23.85	63.83	82.47	188.85	294.57
320.0	731.39	11.26	24.98	66.71	85.88	197.62	306.89
325.0	803.17	11.86	26.04	69.41	89.26	206.14	318.00
330.0	871.19	12.40	26.99	71.84	92.71	215.30	328.31
335.0	932.03	12.87	27.80	73.92	98.64	225.54	339.68
340.0	982.43	13.24	28.44	75.58	100.78	229.10	347.12
345.0	1019.46	13.50	28.90	76.76	102.29	231.64	349.92
350.0	1040.77	13.65	29.16	77.44	103.15	233.07	351.50
355.0	1044.77	13.67	29.21	77.56	103.31	233.34	351.80

See Exhibit #1M for M-3 ground conductivity tabulation

MINOR CHANGE APPLICATION
MODIFY BP-20080227ACB
CUMULUS LICENSING LLC
WTOD AM RADIO STATION
has: 1560 kHz - 5.0 kW - DAD
req: 1560 kHz - 0.003/0.92/1.5 kW - ND
TOLEDO, OHIO
October 2009

EXHIBIT #2H

Present International Allocation Contour Tabulation

North Latitude: 41° 36' 59"
West Longitude: 83° 37' 22"

Azimuth	Radiation (mV/m at one km)	Dist to Contour - km: Contour levels in mV/m. .500
340.0	982.43	78.82
345.0	1019.46	80.08
350.0	1040.77	80.80
355.0	1044.77	80.93
0.0	1030.71	80.46
5.0	998.82	79.38
10.0	950.33	77.70
15.0	887.37	75.45
20.0	812.77	72.60
25.0	730.02	69.22
30.0	643.04	65.32
35.0	556.15	61.15
40.0	473.93	56.89
45.0	401.30	52.80
50.0	343.25	49.27
55.0	304.04	46.70
60.0	285.08	45.40
65.0	283.31	45.28
70.0	292.32	45.90
75.0	305.46	48.74
80.0	317.77	51.88
85.0	326.20	55.30
90.0	329.18	59.09
95.0	326.06	60.27
100.0	317.20	61.66

Old Metric Curves

Conductivity Database Used: R2 (Region 2)

Ground Conductivity Data:
Region conductivity in mS/m followed by distance in km to the end of region. E - map data; M - measurement data.

Azimuth										
340.0	8.0E	863.2	1.0E	953.7	10.0E	1028.1	1.0E	1029.2	10.0E	1034.1
345.0	8.0E	822.5	1.0E	1207.1	10.0E	1300.0				
350.0	8.0E	713.9	1.0E	1093.0	8.0E	1300.0				
355.0	8.0E	516.9	1.0E	832.0	4.0E	951.4	8.0E	1300.0		
0.0	8.0E	499.2	10.0E	514.4	1.0E	788.7	4.0E	984.9	8.0E	1300.0
5.0	8.0E	217.5	15.0E	248.8	8.0E	445.0	10.0E	473.3	4.0E	482.6
10.0	8.0E	164.0	15.0E	273.0	8.0E	426.7	10.0E	464.8	4.0E	476.0
15.0	8.0E	138.9	15.0E	272.6	8.0E	370.8	10.0E	454.2	4.0E	499.0
20.0	8.0E	122.8	15.0E	243.6	8.0E	314.3	10.0E	513.7	1.0E	584.6
25.0	8.0E	115.0	15.0E	212.4	8.0E	273.8	10.0E	418.5	4.0E	430.4
30.0	8.0E	108.9	15.0E	191.7	8.0E	218.7	10.0E	301.0	15.0E	340.2
35.0	8.0E	73.8	10.0E	76.3	15.0E	97.2	10.0E	98.8	8.0E	104.1
40.0	8.0E	61.2	10.0E	67.5	15.0E	103.1	10.0E	131.4	15.0E	296.5
45.0	8.0E	58.4	10.0E	66.3	15.0E	109.6	10.0E	135.4	15.0E	270.7
50.0	8.0E	56.2	10.0E	68.1	15.0E	122.9	10.0E	129.7	15.0E	224.4
55.0	8.0E	54.6	10.0E	70.9	15.0E	194.3	8.0E	321.8	5.0E	413.3
60.0	8.0E	53.5	10.0E	88.2	15.0E	174.1	10.0E	237.2	8.0E	321.2
65.0	8.0E	55.6	10.0E	97.5	15.0E	105.0	10.0E	268.5	8.0E	301.9
70.0	8.0E	59.1	10.0E	96.9	15.0E	97.8	10.0E	378.8	8.0E	525.1
75.0	8.0E	18.5	15.0E	24.2	8.0E	63.7	10.0E	158.6	8.0E	380.2
80.0	8.0E	16.1	15.0E	28.7	8.0E	69.6	10.0E	127.4	8.0E	260.3
85.0	8.0E	14.4	15.0E	35.5	8.0E	77.4	10.0E	107.5	8.0E	309.7
90.0	8.0E	13.1	15.0E	45.5	8.0E	317.2	2.0E	494.4	4.0E	711.6
95.0	8.0E	12.1	15.0E	48.9	8.0E	309.6	2.0E	682.1	4.0E	808.0
100.0	8.0E	11.3	15.0E	53.4	8.0E	60.3	15.0E	72.4	8.0E	300.8

MINOR CHANGE APPLICATION
MODIFY BP-20080227ACB
CUMULUS LICENSING LLC
WTOD AM RADIO STATION
has: 1560 kHz - 5.0 kW - DAD
req: 1560 kHz - 0.003/0.92/1.5 kW - ND
TOLEDO, OHIO
October 2009

EXHIBIT #2I

WQEW, New York, NY - 1560 kHz - 50.0 kW - DAD

North Latitude: 40° 43' 00"
West Longitude: 73° 55' 04"

Azimuth	Radiation (mV/m at one km)	Dist to Contours - km: Contour levels in mV/m. .100	.025
250.0	2413.69	160.27	247.06
255.0	2629.52	164.89	252.74
260.0	2836.59	168.19	256.42
265.0	3028.89	171.27	253.96
270.0	3201.31	170.65	252.73
275.0	3349.84	166.46	249.24
280.0	3471.66	161.44	244.69
285.0	3565.23	157.45	246.60
290.0	3630.29	156.76	248.50
295.0	3667.82	158.95	250.80
300.0	3679.86	160.64	252.53
305.0	3669.42	161.94	253.80
310.0	3640.20	162.85	254.62

Conductivity Database Used: M3 (USA)

Ground Conductivity Data:
Region conductivity in mS/m followed by distance in km to the end of region. E - map data; M - measurement data.

Azimuth												
250.0	4.0E	5.9	5000.0E	14.3	4.0E	303.7	2.0E	418.3	4.0E	505.3	2.0E	1027.1
255.0	4.0E	5.3	5000.0E	13.7	4.0E	272.0	2.0E	364.5	4.0E	586.6	2.0E	879.7
260.0	4.0E	4.9	5000.0E	12.2	4.0E	248.3	2.0E	337.4	4.0E	530.9	2.0E	840.7
265.0	4.0E	4.5	5000.0E	11.0	4.0E	183.6	2.0E	321.8	4.0E	391.4	2.0E	422.1
	4.0E	669.7	8.0E	1300.0								
270.0	4.0E	4.3	5000.0E	10.1	4.0E	148.8	2.0E	319.3	4.0E	367.5	2.0E	451.1
	4.0E	587.6	8.0E	767.8	15.0E	1053.1	8.0E	1242.7	15.0E	1300.0		
275.0	4.0E	4.1	5000.0E	6.8	4.0E	7.1	5000.0E	9.5	4.0E	44.1	2.0E	58.4
	4.0E	131.3	2.0E	488.5	4.0E	527.6	8.0E	752.9	15.0E	820.1	8.0E	928.2
280.0	4.0E	3.9	5000.0E	6.5	4.0E	7.0	5000.0E	8.9	4.0E	39.8	2.0E	75.5
	4.0E	119.9	2.0E	506.1	8.0E	767.4	15.0E	808.2	8.0E	976.9	2.0E	1062.2
285.0	4.0E	3.8	5000.0E	6.3	4.0E	7.2	5000.0E	8.5	4.0E	37.7	2.0E	91.8
	4.0E	110.6	2.0E	156.7	4.0E	215.0	2.0E	279.9	4.0E	333.7	2.0E	498.9
	8.0E	548.9	4.0E	574.0	8.0E	661.1	10.0E	724.6	20.0E	782.8	8.0E	865.7
290.0	4.0E	3.7	5000.0E	6.1	4.0E	7.4	5000.0E	8.2	4.0E	37.2	2.0E	139.8
	4.0E	529.9	8.0E	572.9	10.0E	667.9	20.0E	744.4	15.0E	797.6	8.0E	1018.4
295.0	4.0E	3.7	5000.0E	6.0	4.0E	7.6	5000.0E	8.0	4.0E	37.2	2.0E	127.0
	4.0E	472.2	8.0E	516.5	10.0E	573.3	4.0E	633.0	20.0E	723.6	10.0E	746.0
300.0	4.0E	3.7	5000.0E	5.9	4.0E	38.3	2.0E	118.3	4.0E	454.4		
	8.0E	486.1	10.0E	507.8	20.0E	591.6	4.0E	635.6	6.0E	722.8		
305.0	4.0E	3.7	5000.0E	5.9	4.0E	39.8	2.0E	112.2	4.0E	391.4		
	8.0E	507.7	20.0E	514.5	15.0E	562.0	10.0E	592.7	4.0E	644.0		
310.0	4.0E	3.7	5000.0E	6.0	4.0E	41.7	2.0E	107.5	4.0E	390.3	8.0E	507.2
	15.0E	547.2	6.0E	590.2	4.0E	714.8	10.0E	720.5	4.0E	737.6	10.0E	740.0

MINOR CHANGE APPLICATION
MODIFY BP-20080227ACB
CUMULUS LICENSING LLC
WTOD AM RADIO STATION
has: 1560 kHz - 5.0 kW - DAD
req: 1560 kHz - 0.003/0.92/1.5 kW - ND
TOLEDO, OHIO
October 2009

EXHIBIT #2J

WCNW - Fairfield, OH - 1560 kHz - 5.0 kW - DAD

North Latitude: 39° 20' 20"
West Longitude: 84° 31' 30"

Azimuth	Radiation (mV/m at one km)	Dist to Contours - km: Contour levels in mV/m. .500	.025	Azimuth	Radiation (mV/m at one km)	Dist to Contours - km: Contour levels in mV/m. .500	.025
320.0	612.45	61.87	207.44	30.0	252.48	42.51	153.92
325.0	599.24	61.30	207.31	35.0	260.34	43.07	154.45
330.0	577.33	60.34	206.17	40.0	273.50	43.97	155.28
335.0	547.18	58.98	203.97	45.0	293.12	45.28	156.37
340.0	509.90	57.24	200.45	50.0	320.80	47.04	158.75
345.0	467.39	55.17	195.23	55.0	358.80	49.32	165.19
350.0	422.39	52.85	187.88	60.0	407.14	52.03	172.61
355.0	378.20	50.43	180.16	65.0	464.95	55.04	180.61
0.0	337.57	48.06	172.62	70.0	531.08	58.24	188.82
5.0	302.80	45.90	165.89	75.0	603.98	61.51	196.94
10.0	276.63	44.18	160.59	80.0	681.80	64.75	203.61
15.0	259.90	43.04	157.28	85.0	762.43	67.90	198.20
20.0	251.50	42.44	155.57	90.0	843.38	70.86	189.03
25.0	249.45	42.30	154.21	95.0	921.84	73.58	189.29

WCNW - Fairfield, OH - 1560 kHz - 1.0 kW - DA C.H.

North Latitude: 39° 20' 20"
West Longitude: 84° 31' 30"

Azimuth	Radiation (mV/m at one km)	Dist to Contours - km: Contour levels in mV/m. .500	.025	Azimuth	Radiation (mV/m at one km)	Dist to Contours - km: Contour levels in mV/m. .500	.025
320.0	520.39	57.74	197.16	30.0	214.46	39.68	143.84
325.0	517.24	57.59	198.02	35.0	198.46	38.40	137.72
330.0	509.73	57.23	198.32	40.0	186.25	37.38	131.63
335.0	497.54	56.65	198.00	45.0	178.82	36.75	127.78
340.0	480.92	55.84	196.84	50.0	176.09	36.51	127.02
345.0	460.42	54.82	194.33	55.0	175.22	36.43	126.78
350.0	436.56	53.59	189.88	60.0	175.03	36.41	126.73
355.0	410.06	52.19	184.93	65.0	175.07	36.42	126.74
0.0	378.91	50.47	179.34	70.0	175.10	36.42	126.75
5.0	342.25	48.34	172.80	75.0	174.33	36.35	126.54
10.0	306.18	46.12	166.25	80.0	172.41	36.18	126.00
15.0	277.03	44.21	160.75	85.0	170.68	36.03	125.51
20.0	254.24	42.64	156.26	90.0	171.12	36.07	122.01
25.0	233.35	41.12	150.04	95.0	174.77	36.39	118.22

MINOR CHANGE APPLICATION
MODIFY BP-20080227ACB
CUMULUS LICENSING LLC
WTOD AM RADIO STATION
has: 1560 kHz - 5.0 kW - DAD
req: 1560 kHz - 0.003/0.92/1.5 kW - ND
TOLEDO, OHIO
October 2009

EXHIBIT #2K

WCNW - Fairfield, OH - Ground Conductivity Tabulation

North Latitude: 39° 20' 20"
West Longitude: 84° 31' 30"

Conductivity Database Used: M3 (USA)

Ground Conductivity Data:
Region conductivity in mS/m followed by distance in km
to the end of region. E - map data; M - measurement data.

Azimuth												
320.0	8.0E	116.1	15.0E	181.2	8.0E	426.5	15.0E	461.8	8.0E	634.6	4.0E	998.2
325.0	8.0E	110.3	15.0E	182.5	8.0E	329.2	2.0E	331.2	8.0E	463.3	15.0E	505.6
330.0	8.0E	105.3	15.0E	184.4	8.0E	294.9	2.0E	338.0	8.0E	531.9	15.0E	626.0
	8.0E	688.4	4.0E	954.9	8.0E	1201.1	2.0E	1206.5				
335.0	8.0E	101.5	15.0E	187.7	8.0E	277.0	2.0E	358.5	8.0E	588.6	15.0E	627.2
340.0	8.0E	98.7	15.0E	191.2	8.0E	263.5	2.0E	402.4	8.0E	747.1	4.0E	935.8
345.0	8.0E	96.7	15.0E	188.3	8.0E	275.2	4.0E	286.0	2.0E	563.6	8.0E	800.1
350.0	8.0E	94.6	15.0E	175.2	8.0E	267.7	4.0E	309.3	2.0E	367.2	8.0E	506.9
355.0	8.0E	93.2	15.0E	164.7	8.0E	269.6	4.0E	331.3	2.0E	348.5	8.0E	958.1
0.0	8.0E	92.5	15.0E	157.2	8.0E	278.0	4.0E	343.1	8.0E	792.4	2.0E	812.5
5.0	8.0E	92.0	15.0E	152.6	8.0E	312.8	4.0E	339.7	8.0E	756.0	10.0E	774.4
10.0	8.0E	92.1	15.0E	150.9	8.0E	497.8	15.0E	498.6	8.0E	696.8	10.0E	729.6
15.0	8.0E	92.8	15.0E	152.5	8.0E	417.3	15.0E	539.1	8.0E	654.3	10.0E	723.4
20.0	8.0E	94.8	15.0E	162.4	8.0E	213.0	15.0E	272.1	8.0E	338.7	20.0E	353.1
	8.0E	373.8	15.0E	471.9	8.0E	546.8	10.0E	686.6	4.0E	701.6	10.0E	787.1
25.0	8.0E	98.4	15.0E	279.3	8.0E	306.0	10.0E	326.4	20.0E	466.0	10.0E	534.7
30.0	8.0E	103.0	15.0E	269.4	8.0E	277.1	15.0E	285.0	8.0E	304.1	10.0E	333.8
	20.0E	334.8	10.0E	363.7	20.0E	500.4	6.0E	618.0	4.0E	675.0	10.0E	702.6
35.0	8.0E	109.4	15.0E	245.6	8.0E	328.1	10.0E	453.8	20.0E	499.1	4.0E	692.7
40.0	8.0E	120.4	15.0E	213.9	8.0E	410.6	10.0E	484.6	4.0E	540.3	20.0E	597.4
45.0	8.0E	137.7	15.0E	194.3	8.0E	478.1	10.0E	568.9	20.0E	627.0	8.0E	691.6
50.0	8.0E	443.2	4.0E	523.2	8.0E	774.9	15.0E	829.2	8.0E	857.4	4.0E	860.4
55.0	8.0E	484.1	4.0E	488.4	2.0E	499.2	4.0E	1061.0	2.0E	1168.0	0.5E	1230.9
60.0	8.0E	440.5	2.0E	545.1	4.0E	939.6	2.0E	1105.0	1.0E	1235.2	2.0E	1300.0
65.0	8.0E	357.7	4.0E	446.6	2.0E	605.9	4.0E	1035.0	1.0E	1202.6	2.0E	1219.7
70.0	8.0E	284.5	4.0E	464.8	2.0E	709.3	4.0E	978.3	1.0E	1018.6	2.0E	1199.6
75.0	8.0E	234.8	4.0E	487.0	2.0E	532.3	4.0E	597.0	2.0E	789.5	4.0E	833.9
80.0	8.0E	197.7	2.0E	199.0	4.0E	574.2	2.0E	653.2	4.0E	904.7	5000.0E	1300.0
85.0	8.0E	159.2	2.0E	380.0	4.0E	540.0	2.0E	671.9	4.0E	764.1	5000.0E	771.5
90.0	8.0E	115.2	2.0E	350.6	4.0E	494.4	2.0E	659.2	4.0E	682.1	40.0E	683.3
95.0	8.0E	102.9	2.0E	630.5	4.0E	635.9	5000.0E	643.0	4.0E	698.8	5000.0E	713.2

MINOR CHANGE APPLICATION
MODIFY BP-20080227ACB
CUMULUS LICENSING LLC
WTOD AM RADIO STATION
has: 1560 kHz - 5.0 kW - DAD
req: 1560 kHz - 0.003/0.92/1.5 kW - ND
TOLEDO, OHIO
October 2009

EXHIBIT #2L

WNWN, Portage, MI - 1560 kHz - 4.1 kW - DAD

North Latitude: 42° 10' 59"
West Longitude: 85° 35' 30"

Azimuth	Radiation (mV/m at one km)	Dist to Contours - km: Contour levels in mV/m. .500	.025
30.0	801.93	37.28	173.90
35.0	757.38	36.30	169.18
40.0	708.61	35.19	163.85
45.0	656.06	33.94	157.68
50.0	600.35	32.56	150.56
55.0	542.31	31.04	142.58
60.0	482.93	29.39	133.99
65.0	423.46	27.63	124.52
70.0	365.44	25.78	114.37
75.0	310.85	23.90	100.24
80.0	262.30	22.06	94.63
85.0	223.30	20.46	89.20
90.0	197.94	19.33	85.41
95.0	189.16	18.92	84.36
100.0	196.06	19.24	86.38
105.0	213.95	20.05	90.42
110.0	237.36	21.05	95.21
115.0	262.16	22.06	101.21
120.0	285.68	22.97	107.30
125.0	306.31	23.73	112.85
130.0	323.06	24.33	117.15
135.0	335.36	24.76	120.25
140.0	342.85	25.02	122.15
145.0	345.37	25.11	123.35
150.0	342.85	25.02	123.31
155.0	335.36	24.76	122.09
160.0	323.06	24.33	120.15
165.0	306.31	23.73	116.94
170.0	285.68	22.97	111.88
175.0	262.16	22.06	103.37

MINOR CHANGE APPLICATION
MODIFY BP-20080227ACB
CUMULUS LICENSING LLC
WTOD AM RADIO STATION
has: 1560 kHz - 5.0 kW - DAD
req: 1560 kHz - 0.003/0.92/1.5 kW - ND
TOLEDO, OHIO
October 2009

EXHIBIT #2L (continued)

WNWN, Portage, MI - 1560 kHz - 4.1 kW - DAD

North Latitude: 42° 10' 59"
West Longitude: 85° 35' 30"

Conductivity Database Used: M3 (USA)

Ground Conductivity Data:
Region conductivity in mS/m followed by distance in km
to the end of region. E - map data; M - measurement data.

Azimuth												
30.0	2.0E	51.7	8.0E	421.4	10.0E	463.2	4.0E	471.3	10.0E	475.8	4.0E	489.0
35.0	2.0E	53.3	8.0E	411.6	10.0E	470.9	4.0E	507.9	10.0E	527.5	2.0E	530.6
40.0	2.0E	54.9	8.0E	398.9	10.0E	555.9	2.0E	963.7	6.0E	967.9	2.0E	1300.0
45.0	2.0E	56.8	8.0E	244.3	15.0E	300.3	8.0E	371.7	10.0E	458.8	4.0E	474.8
50.0	2.0E	59.2	8.0E	232.9	15.0E	303.7	8.0E	350.5	10.0E	444.2	4.0E	459.5
55.0	2.0E	61.9	8.0E	224.1	15.0E	294.2	8.0E	333.9	10.0E	374.9	6.0E	432.5
60.0	2.0E	64.4	8.0E	218.2	15.0E	283.8	8.0E	321.2	10.0E	358.8	6.0E	452.0
65.0	2.0E	67.1	8.0E	214.3	15.0E	276.0	8.0E	295.2	10.0E	344.9	6.0E	450.4
70.0	2.0E	69.8	8.0E	213.5	15.0E	273.3	20.0E	353.9	6.0E	415.2	4.0E	482.9
75.0	2.0E	63.2	4.0E	106.4	8.0E	215.1	15.0E	262.6	20.0E	384.7	4.0E	446.8
80.0	2.0E	54.4	4.0E	121.3	8.0E	218.3	15.0E	227.5	20.0E	385.5	4.0E	441.8
85.0	2.0E	48.2	4.0E	121.7	8.0E	209.7	20.0E	311.0	10.0E	458.0	8.0E	533.5
90.0	2.0E	43.5	4.0E	117.0	8.0E	203.9	20.0E	266.2	10.0E	347.0	8.0E	437.6
95.0	2.0E	40.6	4.0E	112.2	8.0E	205.2	10.0E	255.1	20.0E	256.4	10.0E	304.9
100.0	2.0E	38.6	4.0E	107.9	8.0E	225.4	10.0E	275.1	8.0E	479.7	2.0E	806.5
105.0	2.0E	37.0	4.0E	103.6	8.0E	469.2	4.0E	531.1	2.0E	629.3	4.0E	688.6
110.0	2.0E	35.9	4.0E	100.3	8.0E	185.0	15.0E	232.0	8.0E	236.8	15.0E	252.2
115.0	2.0E	35.0	4.0E	93.4	8.0E	181.9	15.0E	255.0	8.0E	431.1	4.0E	676.5
120.0	2.0E	34.5	4.0E	88.0	8.0E	188.1	15.0E	263.4	8.0E	419.1	4.0E	505.4
125.0	2.0E	34.2	4.0E	81.4	8.0E	197.9	15.0E	277.4	8.0E	410.2	4.0E	474.3
130.0	2.0E	34.2	4.0E	76.1	8.0E	210.2	15.0E	294.5	8.0E	403.4	4.0E	441.0
135.0	2.0E	34.5	4.0E	71.9	8.0E	217.3	15.0E	293.8	8.0E	398.0	2.0E	774.1
140.0	2.0E	35.3	4.0E	68.4	8.0E	216.5	15.0E	285.2	8.0E	390.5	2.0E	781.3
145.0	2.0E	36.4	4.0E	64.0	8.0E	203.5	15.0E	273.9	8.0E	379.6	2.0E	835.3
150.0	2.0E	37.9	4.0E	60.6	8.0E	183.6	15.0E	260.8	8.0E	379.4	2.0E	644.2
155.0	2.0E	39.9	4.0E	57.9	8.0E	163.7	15.0E	247.5	8.0E	411.1	2.0E	638.6
160.0	2.0E	42.4	4.0E	54.1	8.0E	148.0	15.0E	237.0	8.0E	485.9	2.0E	635.7
165.0	2.0E	45.6	4.0E	51.0	8.0E	138.3	15.0E	230.7	8.0E	550.0	2.0E	890.4
170.0	2.0E	49.9	8.0E	138.7	15.0E	228.2	8.0E	460.2	4.0E	526.6	8.0E	554.7
175.0	2.0E	56.1	8.0E	145.0	15.0E	227.7	8.0E	454.8	4.0E	630.2	2.0E	681.9

MINOR CHANGE APPLICATION
MODIFY BP-20080227ACB
CUMULUS LICENSING LLC
WTOD AM RADIO STATION
has: 1560 kHz - 5.0 kW - DAD
req: 1560 kHz - 0.003/0.92/1.5 kW - ND
TOLEDO, OHIO
October 2009

EXHIBIT #2M

WTNS - Coshocton, OH - 1560 kHz - 1.0 kW - ND

North Latitude: 40° 16' 30"
West Longitude: 81° 49' 37"

Azimuth	Radiation (mV/m at one km)	Dist to Contours - km: Contour levels in mV/m. .500	.025
210.0	329.92	47.60	135.68
215.0	329.92	47.60	141.64
220.0	329.92	47.60	148.13
225.0	329.92	47.60	154.51
230.0	329.92	47.60	160.34
235.0	329.92	47.60	160.34
240.0	329.92	47.60	160.34
245.0	329.92	47.60	160.34
250.0	329.92	47.60	160.34
255.0	329.92	47.60	160.34
260.0	329.92	47.60	160.34
265.0	329.92	47.60	160.34
270.0	329.92	47.60	168.50
275.0	329.92	47.60	171.61
280.0	329.92	47.60	172.90
285.0	329.92	47.60	173.29
290.0	329.92	47.60	172.75
295.0	329.92	47.60	172.00
300.0	329.92	47.60	171.05
305.0	329.92	47.60	169.87
310.0	329.92	47.60	168.57
315.0	329.92	47.60	166.98
320.0	329.92	47.60	165.46
325.0	329.92	47.60	162.77
330.0	329.92	47.60	161.55
335.0	329.92	47.60	160.34
340.0	329.92	47.60	160.34
345.0	329.92	47.60	160.34
350.0	329.92	47.60	160.34
355.0	329.92	47.60	160.34
0.0	329.92	47.60	160.34
5.0	329.92	47.60	160.34

MINOR CHANGE APPLICATION
MODIFY BP-20080227ACB
CUMULUS LICENSING LLC
WTOD AM RADIO STATION
has: 1560 kHz - 5.0 kW - DAD
req: 1560 kHz - 0.003/0.92/1.5 kW - ND
TOLEDO, OHIO
October 2009

EXHIBIT #2M (continued)

WTNS - Coshocton, OH - 1560 kHz - 1.0 kW - ND

North Latitude: 40° 16' 30"
West Longitude: 81° 49' 37

Conductivity Database Used: M3 (USA)

Ground Conductivity Data:
Region conductivity in mS/m followed by distance in km
to the end of region. E - map data; M - measurement data.

Azimuth												
215.0	8.0E	104.2	2.0E	282.2	8.0E	404.4	2.0E	485.4	4.0E	665.9	2.0E	844.8
220.0	8.0E	122.3	2.0E	244.4	8.0E	361.8	4.0E	875.0	2.0E	1093.7	4.0E	1300.0
225.0	8.0E	141.5	2.0E	210.6	8.0E	340.9	4.0E	903.8	2.0E	962.4	8.0E	1300.0
230.0	8.0E	368.1	4.0E	866.4	8.0E	1261.1	4.0E	1300.0				
235.0	8.0E	391.3	4.0E	558.6	8.0E	664.7	4.0E	825.4	8.0E	1079.8	4.0E	1285.2
240.0	8.0E	407.8	4.0E	477.9	8.0E	691.9	4.0E	761.9	8.0E	1073.2	4.0E	1300.0
245.0	8.0E	1144.0	4.0E	1151.8	15.0E	1300.0						
250.0	8.0E	1277.1	15.0E	1300.0								
255.0	8.0E	698.2	15.0E	779.8	8.0E	1189.9	15.0E	1300.0				
260.0	8.0E	620.6	15.0E	792.5	8.0E	1042.6	15.0E	1219.5	30.0E	1300.0		
265.0	8.0E	582.5	15.0E	746.8	8.0E	888.0	15.0E	1194.2	30.0E	1300.0		
270.0	8.0E	115.3	15.0E	390.2	8.0E	560.4	15.0E	702.5	8.0E	804.1	15.0E	1159.2
275.0	8.0E	101.1	15.0E	357.8	8.0E	543.4	15.0E	651.0	8.0E	767.4	15.0E	1113.6
280.0	8.0E	95.6	15.0E	330.3	8.0E	527.3	15.0E	597.7	8.0E	855.6	15.0E	1256.8
285.0	8.0E	93.9	15.0E	183.4	8.0E	251.9	15.0E	306.6	8.0E	517.7	15.0E	565.3
290.0	8.0E	96.2	15.0E	172.9	8.0E	508.4	15.0E	524.8	8.0E	932.2	15.0E	1066.3
295.0	8.0E	99.3	15.0E	172.4	8.0E	348.4	2.0E	441.6	8.0E	553.0	15.0E	566.4
300.0	8.0E	103.6	15.0E	177.1	8.0E	330.1	4.0E	346.9	2.0E	438.3	8.0E	562.8
305.0	8.0E	108.8	15.0E	186.1	8.0E	295.9	4.0E	345.1	2.0E	443.0	8.0E	600.0
310.0	8.0E	115.0	15.0E	195.7	8.0E	282.2	4.0E	342.6	2.0E	466.4	8.0E	614.2
315.0	8.0E	122.8	15.0E	202.2	8.0E	283.9	4.0E	337.6	8.0E	452.6	2.0E	532.8
320.0	8.0E	130.6	15.0E	200.4	8.0E	292.9	4.0E	314.3	8.0E	490.4	2.0E	570.5
325.0	8.0E	140.0	15.0E	157.1	8.0E	163.5	15.0E	180.8	8.0E	508.6	2.0E	610.1
330.0	8.0E	147.5	15.0E	152.3	8.0E	157.9	15.0E	163.8	8.0E	540.6	2.0E	566.9
335.0	8.0E	176.6	10.0E	210.2	20.0E	246.1	8.0E	1084.9	2.0E	1234.6	2.0E	1300.0
340.0	8.0E	165.7	10.0E	208.4	20.0E	254.2	15.0E	340.3	8.0E	1016.1	2.0E	1159.8
345.0	8.0E	164.1	10.0E	204.2	20.0E	276.1	15.0E	427.3	8.0E	719.8	2.0E	757.2
350.0	8.0E	168.6	10.0E	213.7	20.0E	297.2	15.0E	420.7	8.0E	606.2	10.0E	672.3
355.0	8.0E	175.0	10.0E	221.3	20.0E	311.3	10.0E	349.3	8.0E	532.3	10.0E	609.2
0.0	8.0E	183.5	10.0E	229.2	20.0E	328.1	6.0E	333.8	10.0E	582.2	4.0E	610.2

MINOR CHANGE APPLICATION
MODIFY BP-20080227ACB
CUMULUS LICENSING LLC
WTOD AM RADIO STATION
has: 1560 kHz - 5.0 kW - DAD
req: 1560 kHz - 0.003/0.92/1.5 kW - ND
TOLEDO, OHIO
October 2009

EXHIBIT #2N

CBE, Windsor, ON, CA - 1550 kHz - 10.0 kW - DA

North Latitude: 42° 12' 56"
West Longitude: 82° 55' 15"

Azimuth	Radiation (mV/m at one km)	Dist to Contour - km: Contour levels in mV/m. .500
170.0	545.70	71.73
175.0	471.91	67.51
180.0	407.53	63.44
185.0	354.22	59.74
190.0	313.15	56.71
195.0	284.51	54.48
200.0	267.05	52.62
205.0	258.22	51.46
210.0	254.81	50.83
215.0	254.02	50.49
220.0	253.96	50.25
225.0	254.02	49.51
230.0	254.81	48.79
235.0	258.22	48.46
240.0	267.05	48.67
245.0	284.51	49.56
250.0	313.15	51.25
255.0	354.22	53.69
260.0	407.53	56.76
265.0	471.91	60.25
270.0	545.70	64.03
275.0	627.09	67.90
280.0	714.23	71.79
285.0	805.30	75.55
290.0	898.51	79.11
295.0	992.12	82.45
300.0	1084.47	85.59

Old Metric Curves

Conductivity Database Used: R2 (Region 2)

Azimuth	Ground Conductivity Data: Region conductivity in mS/m followed by distance in km to the end of region. E - map data; M - measurement data.											
170.0	15.0E	26.5	10.0E	55.2	8.0E	75.7	15.0E	80.8	8.0E	86.4	1.0E	92.7
175.0	15.0E	26.7	10.0E	51.3	8.0E	76.3	15.0E	79.8	8.0E	85.4	15.0E	110.2
180.0	15.0E	26.1	10.0E	48.3	8.0E	77.5	15.0E	79.6	8.0E	85.1	15.0E	193.1
185.0	15.0E	25.1	10.0E	45.9	8.0E	75.4	15.0E	211.4	8.0E	321.2	2.0E	923.9
190.0	15.0E	24.3	10.0E	44.1	8.0E	68.9	15.0E	223.5	8.0E	546.9	2.0E	814.0
195.0	15.0E	23.7	10.0E	42.7	8.0E	67.4	15.0E	231.8	8.0E	567.5	2.0E	691.3
200.0	15.0E	23.2	10.0E	38.4	8.0E	67.6	15.0E	241.2	8.0E	479.1	4.0E	809.4
205.0	15.0E	22.9	10.0E	34.7	8.0E	68.4	15.0E	148.7	8.0E	178.6	15.0E	249.2
210.0	15.0E	22.7	10.0E	31.9	8.0E	69.7	15.0E	120.6	8.0E	196.0	15.0E	259.2
215.0	15.0E	22.8	10.0E	29.8	8.0E	86.3	15.0E	102.1	8.0E	200.7	15.0E	272.3
220.0	15.0E	22.7	10.0E	28.1	8.0E	207.3	15.0E	291.5	8.0E	765.6	4.0E	899.9
225.0	15.0E	20.5	10.0E	26.0	8.0E	212.0	15.0E	322.9	8.0E	1128.7	4.0E	1300.0
230.0	15.0E	18.8	10.0E	22.8	8.0E	218.4	15.0E	364.9	8.0E	1149.1	4.0E	1300.0
235.0	15.0E	17.5	10.0E	20.5	8.0E	231.7	15.0E	310.0	8.0E	742.0	15.0E	770.3
240.0	15.0E	16.5	10.0E	18.8	8.0E	569.3	15.0E	784.7	8.0E	1282.4	15.0E	1300.0
245.0	15.0E	15.7	10.0E	17.4	8.0E	516.4	15.0E	732.2	8.0E	1073.0	15.0E	1250.3
250.0	15.0E	15.0	10.0E	16.4	8.0E	479.2	15.0E	654.0	8.0E	825.3	15.0E	1178.3
255.0	15.0E	14.6	10.0E	15.5	8.0E	138.2	4.0E	190.6	8.0E	231.9	2.0E	249.1
260.0	15.0E	14.2	10.0E	14.9	8.0E	116.6	4.0E	213.7	2.0E	298.9	8.0E	409.6
265.0	15.0E	14.0	10.0E	14.4	8.0E	108.2	4.0E	194.6	2.0E	307.4	8.0E	757.4
270.0	15.0E	13.9	10.0E	14.1	8.0E	101.6	4.0E	177.0	2.0E	291.8	8.0E	751.1
275.0	15.0E	13.6	10.0E	13.8	8.0E	99.5	4.0E	162.3	2.0E	280.5	8.0E	404.2
280.0	15.0E	13.4	10.0E	13.7	8.0E	101.8	4.0E	145.7	8.0E	155.6	2.0E	276.6
285.0	15.0E	13.3	10.0E	13.7	8.0E	236.7	2.0E	281.0	8.0E	420.0	15.0E	434.0
290.0	15.0E	13.2	10.0E	13.8	8.0E	251.7	2.0E	290.4	8.0E	424.5	15.0E	447.4
295.0	15.0E	13.3	10.0E	14.0	8.0E	259.3	2.0E	313.3	8.0E	424.3	15.0E	488.7
300.0	15.0E	13.5	10.0E	14.3	8.0E	269.5	2.0E	336.6	8.0E	438.1	15.0E	497.3