

MINOR CHANGE APPLICATION
CUMULUS LICENSING LLC
WTOD AM RADIO STATION
has: 1560 kHz - 5.0 kW - DAD
req: 1560 kHz - 0.002/4.3 kW - DA2
TOLEDO, OHIO
February 2008

EXHIBIT #2G1

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

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EXHIBIT #2G1 (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

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EXHIBIT #2G2

Present M-3 Site Ground Conductivity Tabulation

Latitude: 41-36-59 N
Longitude: 083-37-22 W

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										
0.0	8.0E	499.4	10.0E	517.5	2.0E	884.5	6.0E	934.0	2.0E	1300.0
5.0	8.0E	215.5	15.0E	251.0	8.0E	446.1	10.0E	474.4	4.0E	480.1
	2.0E	871.8	6.0E	941.3	2.0E	1249.5	5000.0E	1300.0	10.0E	508.4
10.0	8.0E	170.8	15.0E	272.4	8.0E	414.1	10.0E	467.2	4.0E	474.8
	4.0E	485.0	10.0E	517.5	2.0E	808.2	6.0E	948.4	2.0E	1158.5
15.0	8.0E	144.9	15.0E	273.8	8.0E	387.3	10.0E	458.8	5000.0E	1300.0
	2.0E	511.8	10.0E	516.8	2.0E	807.2	6.0E	923.1	4.0E	503.8
20.0	8.0E	129.9	15.0E	242.1	8.0E	320.1	10.0E	517.3	2.0E	1087.3
25.0	8.0E	118.5	15.0E	209.1	8.0E	274.5	10.0E	415.3	5000.0E	1091.1
	2.0E	858.7	6.0E	942.5	2.0E	1300.0	4.0E	432.7	6.0E	929.9
30.0	8.0E	109.6	15.0E	132.8	20.0E	133.2	15.0E	188.3	10.0E	528.7
	6.0E	362.1	4.0E	412.6	10.0E	505.2	2.0E	902.5	8.0E	226.0
35.0	8.0E	72.8	20.0E	139.1	15.0E	140.8	20.0E	142.7	6.0E	937.9
	10.0E	269.2	6.0E	365.1	4.0E	415.0	10.0E	490.0	2.0E	1300.0
40.0	8.0E	65.7	20.0E	234.3	6.0E	366.4	4.0E	424.4	15.0E	162.4
	10.0E	471.6	1.0E	686.4	2.0E	907.8	2.0E	1300.0	1.0E	568.9
45.0	8.0E	59.1	10.0E	66.7	20.0E	252.1	6.0E	354.0	2.0E	903.7
	1.0E	680.7	4.0E	721.1	2.0E	965.2	2.0E	1300.0	4.0E	468.7
50.0	8.0E	55.8	10.0E	69.1	20.0E	262.6	6.0E	294.2	6.0E	502.6
	1.0E	681.7	4.0E	763.0	2.0E	1300.0	4.0E	420.0	6.0E	550.3
55.0	8.0E	54.9	10.0E	70.9	20.0E	261.6	4.0E	362.7	10.0E	391.5
	4.0E	751.5	10.0E	841.0	4.0E	869.1	2.0E	943.6	6.0E	548.4
60.0	8.0E	55.2	10.0E	94.0	20.0E	171.6	10.0E	239.3	4.0E	1162.2
	20.0E	372.0	15.0E	415.3	8.0E	452.1	15.0E	559.1	5000.0E	1229.7
65.0	10.0E	733.5	4.0E	830.7	10.0E	951.3	4.0E	1180.1	4.0E	252.8
	8.0E	58.1	10.0E	98.1	20.0E	102.3	10.0E	267.1	4.0E	603.4
	20.0E	410.3	8.0E	565.8	15.0E	612.9	8.0E	646.9	1.0E	1300.0
	4.0E	890.3	2.0E	977.4	0.5E	1095.7	1.0E	1300.0	4.0E	297.7
70.0	8.0E	61.8	10.0E	98.6	20.0E	98.8	10.0E	375.0	4.0E	651.9
	8.0E	66.6	10.0E	164.4	8.0E	383.8	4.0E	766.3	8.0E	522.4
75.0	8.0E	21.1	15.0E	29.7	8.0E	72.8	10.0E	128.8	2.0E	903.9
80.0	8.0E	17.1	15.0E	33.6	8.0E	84.3	10.0E	105.3	8.0E	263.6
85.0	2.0E	352.3	4.0E	847.9	1.0E	881.2	2.0E	1015.4	8.0E	292.4
	8.0E	14.4	15.0E	40.8	8.0E	315.8	2.0E	465.4	5000.0E	1017.4
90.0	8.0E	12.6	15.0E	48.3	8.0E	310.2	2.0E	684.6	4.0E	717.7
95.0	8.0E	11.2	15.0E	53.3	8.0E	60.2	15.0E	71.4	4.0E	807.0
100.0	2.0E	466.0	4.0E	504.7	2.0E	605.4	4.0E	822.2	5000.0E	1300.0
	8.0E	10.2	15.0E	59.2	8.0E	67.4	15.0E	79.1	8.0E	290.6
105.0	2.0E	454.5	4.0E	514.8	2.0E	583.7	4.0E	712.9	5000.0E	716.6
110.0	8.0E	9.7	15.0E	57.6	8.0E	62.3	15.0E	77.7	8.0E	276.1
	2.0E	641.5	4.0E	663.2	40.0E	667.8	4.0E	669.5	40.0E	678.3
115.0	8.0E	9.5	15.0E	77.3	8.0E	264.9	4.0E	506.1	2.0E	635.5
	40.0E	696.0	4.0E	698.2	40.0E	720.3	4.0E	727.8	2.0E	809.9
120.0	8.0E	9.4	15.0E	79.0	8.0E	256.5	4.0E	497.0	5000.0E	1300.0
	000.0E	642.1	4.0E	660.8	5000.0E	662.9	4.0E	677.4	5000.0E	682.6
	5000.0E	694.1	4.0E	698.8	5000.0E	701.0	4.0E	721.1	5000.0E	728.8
125.0	8.0E	9.4	15.0E	81.5	8.0E	250.9	4.0E	343.6	2.0E	376.0
	2.0E	778.6	5000.0E	1300.0					4.0E	474.8

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EXHIBIT #2G2 (continued)

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												
130.0	8.0E	9.4	15.0E	84.8	8.0E	247.5	4.0E	321.1	2.0E	373.8	4.0E	438.6
135.0	2.0E	800.8	4.0E	896.5	5000.0E	1300.0						
	8.0E	9.6	15.0E	89.9	8.0E	245.5	4.0E	306.9	2.0E	380.5	4.0E	393.5
140.0	2.0E	862.2	4.0E	943.9	5000.0E	1300.0						
	8.0E	9.8	15.0E	97.6	8.0E	244.9	4.0E	292.8	2.0E	873.7	4.0E	969.5
145.0	8.0E	10.1	15.0E	107.6	8.0E	245.9	4.0E	276.9	2.0E	623.7	4.0E	762.4
150.0	8.0E	10.4	15.0E	122.7	8.0E	248.3	4.0E	259.4	2.0E	677.8	4.0E	773.0
155.0	8.0E	10.9	15.0E	141.4	8.0E	250.6	2.0E	699.9	4.0E	785.9	2.0E	886.2
160.0	8.0E	11.6	15.0E	149.8	8.0E	253.3	2.0E	524.4	4.0E	569.7	2.0E	745.1
165.0	8.0E	12.4	15.0E	153.5	8.0E	255.2	2.0E	522.8	4.0E	584.3	2.0E	779.2
170.0	8.0E	13.5	15.0E	156.6	8.0E	256.0	2.0E	528.9	4.0E	604.0	2.0E	784.0
175.0	8.0E	14.9	15.0E	159.1	8.0E	265.6	2.0E	537.7	4.0E	607.8	2.0E	793.2
180.0	8.0E	22.9	15.0E	161.3	8.0E	325.6	2.0E	836.5	4.0E	1139.1	2.0E	1307.4
185.0	8.0E	83.6	15.0E	164.4	8.0E	477.2	2.0E	928.6	1.0E	931.7	4.0E	1210.8
190.0	8.0E	100.5	15.0E	166.5	8.0E	423.2	4.0E	445.2	8.0E	491.0	2.0E	720.1
195.0	8.0E	108.6	15.0E	169.7	8.0E	403.7	4.0E	688.0	2.0E	860.2	4.0E	1062.1
200.0	8.0E	112.7	15.0E	172.8	8.0E	412.5	4.0E	807.3	2.0E	914.3	4.0E	990.2
205.0	8.0E	115.4	15.0E	176.8	8.0E	411.6	4.0E	921.8	2.0E	1300.0		
210.0	8.0E	118.1	15.0E	184.0	8.0E	409.1	4.0E	924.4	2.0E	1145.7	8.0E	1151.3
215.0	8.0E	120.0	15.0E	194.9	8.0E	657.7	4.0E	873.8	8.0E	1300.0		
220.0	8.0E	123.0	15.0E	210.5	8.0E	674.6	4.0E	799.5	8.0E	1201.3	4.0E	1300.0
225.0	8.0E	125.9	15.0E	232.4	8.0E	1037.8	4.0E	1272.8	15.0E	1300.0		
230.0	8.0E	129.8	15.0E	265.8	8.0E	1058.1	4.0E	1300.0				
235.0	8.0E	135.1	15.0E	289.3	8.0E	1106.5	15.0E	1300.0				
240.0	8.0E	142.0	15.0E	217.0	8.0E	523.3	15.0E	702.7	8.0E	1203.4	15.0E	1300.0
245.0	8.0E	465.3	15.0E	686.4	8.0E	1083.4	15.0E	1227.7	8.0E	1300.0		
250.0	8.0E	430.6	15.0E	619.5	8.0E	827.5	15.0E	1111.7	30.0E	1300.0		
255.0	8.0E	400.3	15.0E	558.8	8.0E	719.6	15.0E	1072.2	30.0E	1300.0		
260.0	8.0E	373.9	15.0E	479.6	8.0E	618.7	15.0E	1026.0	30.0E	1300.0		
265.0	8.0E	354.8	15.0E	419.4	8.0E	645.7	15.0E	969.3	30.0E	1036.7	15.0E	1272.8
270.0	8.0E	163.0	2.0E	194.7	8.0E	336.8	15.0E	386.2	8.0E	697.0	15.0E	951.5
275.0	8.0E	133.6	4.0E	141.4	8.0E	156.2	2.0E	262.8	8.0E	692.5	15.0E	1229.7
280.0	8.0E	97.0	4.0E	149.9	2.0E	246.7	8.0E	732.0	15.0E	1210.5	8.0E	1300.0
285.0	8.0E	84.4	4.0E	144.9	2.0E	240.9	8.0E	356.5	15.0E	384.2	8.0E	564.5
	4.0E	666.5	8.0E	752.9	15.0E	872.0	30.0E	999.2	15.0E	1088.8	30.0E	1300.0
	8.0E	77.2	4.0E	140.2	2.0E	236.6	8.0E	362.7	15.0E	390.7	8.0E	548.9
290.0	4.0E	688.3	8.0E	771.1	15.0E	880.8	30.0E	1009.3	15.0E	1209.5	30.0E	1300.0
295.0	8.0E	73.3	4.0E	136.7	2.0E	237.8	8.0E	380.5	15.0E	400.1	8.0E	538.7
	4.0E	709.0	8.0E	800.8	15.0E	886.1	4.0E	948.8	8.0E	1009.5	15.0E	1237.5
300.0	8.0E	72.0	4.0E	133.3	2.0E	244.5	8.0E	397.6	15.0E	423.6	8.0E	529.9
	4.0E	1114.0	30.0E	1217.4	15.0E	1227.7	30.0E	1300.0				
	8.0E	71.4	4.0E	130.1	2.0E	257.7	8.0E	403.7	15.0E	473.2	8.0E	534.3
305.0	4.0E	1171.9	30.0E	1300.0								
	8.0E	71.2	4.0E	127.8	2.0E	165.9	8.0E	229.8	2.0E	286.9	8.0E	423.3
310.0	15.0E	484.4	8.0E	541.3	4.0E	838.9	8.0E	1018.5	4.0E	1156.8	8.0E	1227.3
	8.0E	72.5	4.0E	123.7	8.0E	246.5	2.0E	330.1	8.0E	543.8	4.0E	811.6
315.0	8.0E	74.6	4.0E	117.7	8.0E	269.8	2.0E	357.2	8.0E	548.4	4.0E	759.0
320.0	8.0E	77.4	4.0E	111.2	8.0E	288.1	2.0E	370.4	8.0E	559.2	4.0E	738.7
325.0	8.0E	81.6	4.0E	101.8	8.0E	300.5	2.0E	401.8	8.0E	579.1	4.0E	689.8
330.0	8.0E	692.1	4.0E	695.6	8.0E	714.0	4.0E	740.2	8.0E	853.9	2.0E	1168.8
335.0	8.0E	314.3	2.0E	383.6	8.0E	855.5	2.0E	857.4	8.0E	867.2	2.0E	1074.1
340.0	8.0E	866.7	2.0E	1010.0	2.0E	1300.0						
345.0	8.0E	828.0	2.0E	963.2	2.0E	1311.7						
350.0	8.0E	714.3	2.0E	932.0	2.0E	1072.7	2.0E	1300.0				
355.0	8.0E	546.5	2.0E	905.1	6.0E	940.3	2.0E	1300.0				

MINOR CHANGE APPLICATION
CUMULUS LICENSING LLC
WTOD AM RADIO STATION
has: 1560 kHz - 5.0 kW - DAD
req: 1560 kHz - 0.002/4.3 kW - DA2
TOLEDO, OHIO
February 2008

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

R-2 Metric Curves

Present Site R-2 Ground Conductivity Tabulation

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
CUMULUS LICENSING LLC
WTOD AM RADIO STATION
has: 1560 kHz - 5.0 kW - DAD
req: 1560 kHz - 0.002/4.3 kW - DA2
TOLEDO, OHIO
February 2008

EXHIBIT #2I

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

R-2 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											
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

EXHIBIT #2J

Ground Conductivity Data:												
Region conductivity in mS/m followed by distance in km												
Azimuth	to the end of region. E - map data; M - measurement data.											
300.0	8.0E	3.2	15.0E	86.0	8.0E	301.3	2.0E	350.9	8.0E	454.3	15.0E	482.6
	8.0E	655.8	4.0E	799.4	8.0E	886.5	15.0E	1003.1	8.0E	1114.0	15.0E	1300.0
305.0	8.0E	3.1	15.0E	82.0	8.0E	257.5	2.0E	348.8	8.0E	473.9	15.0E	504.5
	8.0E	654.6	4.0E	838.2	8.0E	904.3	4.0E	1231.9	30.0E	1300.0		
310.0	8.0E	3.0	15.0E	81.1	8.0E	250.0	4.0E	260.4	2.0E	353.1	8.0E	511.4
	15.0E	536.0	8.0E	653.5	4.0E	1301.3						
315.0	8.0E	2.9	15.0E	81.7	8.0E	226.4	4.0E	263.8	2.0E	368.6	8.0E	535.2
	15.0E	612.8	8.0E	671.5	4.0E	974.3	8.0E	1182.4	4.0E	1263.7	8.0E	1300.0
320.0	8.0E	2.8	15.0E	85.6	8.0E	215.5	4.0E	267.2	2.0E	403.0	8.0E	566.2
	15.0E	614.7	8.0E	683.2	4.0E	949.5	8.0E	1290.3	20.0E	1300.0		
325.0	8.0E	2.8	15.0E	90.7	8.0E	211.2	4.0E	269.9	2.0E	311.8	8.0E	385.4
	2.0E	474.6	8.0E	694.1	4.0E	904.3	8.0E	1091.5	2.0E	1300.0		
330.0	8.0E	2.8	15.0E	102.1	8.0E	214.9	4.0E	270.7	8.0E	431.3	2.0E	518.8
	8.0E	713.7	4.0E	888.0	8.0E	1011.8	2.0E	1300.0				
335.0	8.0E	2.8	15.0E	119.0	8.0E	225.4	4.0E	262.7	8.0E	455.4	2.0E	552.7
	8.0E	747.1	4.0E	769.2	8.0E	878.5	4.0E	891.5	8.0E	1004.3	2.0E	1015.2
340.0	8.0E	2.8	15.0E	138.0	8.0E	1031.2	2.0E	1172.0	2.0E	1300.0		
345.0	8.0E	2.9	15.0E	148.7	8.0E	981.0	2.0E	1116.2	2.0E	1300.0		
350.0	8.0E	2.9	15.0E	152.6	8.0E	755.1	2.0E	762.5	8.0E	814.8	2.0E	837.6
355.0	8.0E	3.0	15.0E	149.0	8.0E	649.4	10.0E	670.4	2.0E	1046.1	6.0E	1089.1
0.0	8.0E	3.2	15.0E	142.2	8.0E	173.8	10.0E	193.2	20.0E	224.6	8.0E	261.3
	15.0E	413.7	8.0E	585.0	10.0E	615.9	4.0E	628.9	10.0E	652.6	2.0E	1023.3
5.0	8.0E	3.3	15.0E	125.6	8.0E	131.6	15.0E	136.5	8.0E	165.3	10.0E	188.6
	20.0E	263.3	15.0E	390.0	8.0E	533.1	10.0E	601.5	4.0E	633.5	10.0E	652.5
	2.0E	961.0	6.0E	1094.8	2.0E	1300.0						
10.0	8.0E	3.6	15.0E	131.4	8.0E	136.0	15.0E	140.4	8.0E	158.8	10.0E	195.9
	20.0E	306.6	10.0E	316.9	8.0E	401.4	10.0E	603.5	4.0E	619.9	10.0E	644.6
	2.0E	648.6	10.0E	651.0	2.0E	939.0	6.0E	1059.8	2.0E	1238.9	5000.0E	1300.0
15.0	8.0E	4.2	15.0E	50.0	8.0E	158.5	10.0E	210.3	20.0E	336.4	10.0E	410.7
	6.0E	473.5	10.0E	524.7	4.0E	542.7	10.0E	650.2	2.0E	948.1	6.0E	1054.6

MINOR CHANGE APPLICATION
CUMULUS LICENSING LLC
WTOD AM RADIO STATION
has: 1560 kHz - 5.0 kW - DAD
req: 1560 kHz - 0.002/4.3 kW - DA2
TOLEDO, OHIO
February 2008

EXHIBIT #2K

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

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
255.0	4.0E	5.3	5000.0E	13.7	4.0E	272.0	2.0E	364.5	4.0E 586.6
260.0	4.0E	4.9	5000.0E	12.2	4.0E	248.3	2.0E	337.4	4.0E 530.9
265.0	4.0E	4.5	5000.0E	11.0	4.0E	183.6	2.0E	321.8	4.0E 391.4
	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
	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
	4.0E	131.3	2.0E	488.5	4.0E	527.6	8.0E	752.9	15.0E 820.1
280.0	4.0E	3.9	5000.0E	6.5	4.0E	7.0	5000.0E	8.9	4.0E 39.8
	4.0E	119.9	2.0E	506.1	8.0E	767.4	15.0E	808.2	8.0E 976.9
285.0	4.0E	3.8	5000.0E	6.3	4.0E	7.2	5000.0E	8.5	4.0E 37.7
	4.0E	110.6	2.0E	156.7	4.0E	215.0	2.0E	279.9	4.0E 333.7
	8.0E	548.9	4.0E	574.0	8.0E	661.1	10.0E	724.6	20.0E 782.8
290.0	4.0E	3.7	5000.0E	6.1	4.0E	7.4	5000.0E	8.2	4.0E 37.2
	4.0E	529.9	8.0E	572.9	10.0E	667.9	20.0E	744.4	15.0E 797.6
295.0	4.0E	3.7	5000.0E	6.0	4.0E	7.6	5000.0E	8.0	4.0E 37.2
	4.0E	472.2	8.0E	516.5	10.0E	573.3	4.0E	633.0	20.0E 723.6
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
	10.0E	763.3	8.0E	1250.4	4.0E	1300.0			
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
	6.0E	745.0	10.0E	807.8	8.0E	1232.0	4.0E	1300.0	
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	4.0E	765.1	10.0E	965.3	8.0E 998.9
	2.0E	1021.1	8.0E	1300.0					

MINOR CHANGE APPLICATION
CUMULUS LICENSING LLC
WTOD AM RADIO STATION
has: 1560 kHz - 5.0 kW - DAD
req: 1560 kHz - 0.002/4.3 kW - DA2
TOLEDO, OHIO
February 2008

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
25.0	841.97	38.14	177.85
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
180.0	237.36	21.05	92.44

MINOR CHANGE APPLICATION
CUMULUS LICENSING LLC
WTOD AM RADIO STATION
has: 1560 kHz - 5.0 kW - DAD
req: 1560 kHz - 0.002/4.3 kW - DA2
TOLEDO, OHIO
February 2008

EXHIBIT #2L (continued)

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									
25.0	2.0E	50.7	8.0E	430.5	10.0E	455.2	4.0E	466.2	10.0E 493.7 2.0E 797.8
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
	10.0E	513.2	2.0E	825.7	6.0E	945.1	2.0E	1051.2	2.0E 1300.0
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
	10.0E	534.8	2.0E	886.1	6.0E	972.3	2.0E	1300.0	
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
	10.0E	557.6	2.0E	959.2	2.0E	1300.0			
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
	10.0E	551.8	1.0E	565.9	10.0E	566.3	1.0E	746.4	2.0E 996.3 2.0E 1300.0
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
	4.0E	488.5	10.0E	526.6	4.0E	532.1	10.0E	532.3	4.0E 544.4 10.0E 552.6
	1.0E	775.7	4.0E	802.6	2.0E	1300.0			
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
	4.0E	564.7	6.0E	605.8	1.0E	779.3	4.0E	889.6	2.0E 1115.1 4.0E 1275.4
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
	4.0E	533.9	6.0E	658.9	4.0E	843.0	10.0E	1082.4	6.0E 1150.0 4.0E 1295.2
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
	10.0E	508.0	6.0E	539.7	15.0E	682.6	4.0E	721.8	15.0E 726.7 10.0E 739.7
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
	20.0E	505.9	15.0E	542.7	20.0E	545.9	8.0E	779.6	4.0E 972.8 2.0E 1075.9
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
	10.0E	537.3	20.0E	537.5	10.0E	549.5	8.0E	659.9	4.0E 911.7 2.0E 1044.9
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
	4.0E	1022.9	1.0E	1092.6	2.0E	1222.2	5000.0E	1300.0	
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
	4.0E	990.4	1.0E	1042.7	2.0E	1120.1	5000.0E	1120.4	2.0E 1150.7 5000.0E 1300.0
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
	8.0E	483.0	2.0E	766.0	4.0E	835.0	2.0E	948.4	4.0E 982.6 5000.0E 996.2
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
	8.0E	448.1	4.0E	686.3	2.0E	816.2	4.0E	838.6	40.0E 853.8 4.0E 861.7
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
	2.0E	807.3	4.0E	817.7	5000.0E	819.8	4.0E	871.5	5000.0E 893.3 2.0E 898.4
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
	2.0E	546.5	4.0E	647.2	2.0E	908.3	5000.0E	920.7	4.0E 923.6 5000.0E 939.1
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
	2.0E	540.5	4.0E	588.5	2.0E	964.7	4.0E	1061.6	5000.0E 1300.0
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
	2.0E	1025.9	4.0E	1112.0	5000.0E	1300.0			
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
	4.0E	700.2	2.0E	870.5	4.0E	935.6	2.0E	1015.5	4.0E 1154.7 5000.0E 1300.0
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
	4.0E	707.8	2.0E	895.5	4.0E	961.4	2.0E	1013.1	4.0E 1173.8 5000.0E 1300.0
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
	4.0E	721.5	2.0E	886.1	4.0E	997.1	2.0E	1064.7	4.0E 1201.6 8.0E 1226.2
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
180.0	2.0E	65.9	8.0E	154.8	15.0E	229.5	8.0E	439.2	4.0E 729.5 2.0E 848.2
	4.0E	913.8	2.0E	1041.1	4.0E	1270.8	1.0E	1300.0	

MINOR CHANGE APPLICATION
CUMULUS LICENSING LLC
WTOD AM RADIO STATION
has: 1560 kHz - 5.0 kW - DAD
req: 1560 kHz - 0.002/4.3 kW - DA2
TOLEDO, OHIO
February 2008

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
CUMULUS LICENSING LLC
WTOD AM RADIO STATION
has: 1560 kHz - 5.0 kW - DAD
req: 1560 kHz - 0.002/4.3 kW - DA2
TOLEDO, OHIO
February 2008

EXHIBIT #2M (continued)

Conductivity Database Used: M3 (USA)

Ground Conductivity Data:		Region conductivity in mS/m followed by distance in km					
Azimuth		to the end of region. E - map data; M - measurement data.					
210.0	8.0E 88.4	2.0E 785.2	4.0E 1006.6	8.0E 1131.0	1.0E 1139.2	2.0E 1244.4	
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	
	8.0E 867.4	15.0E 1300.0					
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	
	8.0E 752.5	4.0E 875.6	8.0E 959.0	15.0E 1065.3	30.0E 1207.3	15.0E 1300.0	
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	
	15.0E 592.2	8.0E 745.3	4.0E 908.1	8.0E 1002.0	15.0E 1085.5	4.0E 1221.7	
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	
	15.0E 622.0	8.0E 737.5	4.0E 1300.0				
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	
	15.0E 691.7	8.0E 748.5	4.0E 1069.4	8.0E 1168.9	4.0E 1300.0		
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	
	8.0E 755.2	4.0E 1030.3	8.0E 1300.0				
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	
	8.0E 760.3	4.0E 970.0	8.0E 1281.7	2.0E 1290.6	20.0E 1300.0		
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	
	8.0E 802.7	4.0E 813.6	8.0E 926.4	4.0E 943.1	8.0E 1078.0	2.0E 1300.0	
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	
	2.0E 1064.3	6.0E 1106.6	2.0E 1300.0				
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	
	4.0E 617.4	10.0E 622.9	4.0E 628.7	10.0E 657.4	2.0E 1030.7	6.0E 1088.7	
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	
	10.0E 615.5	4.0E 621.5	10.0E 635.2	2.0E 642.7	10.0E 647.4	2.0E 947.8	
5.0	8.0E 194.3	10.0E 253.2	20.0E 326.3	6.0E 461.1	4.0E 478.2	10.0E 491.0	
	4.0E 493.2	10.0E 498.4	4.0E 526.3	10.0E 632.2	2.0E 929.1	6.0E 1051.0	

MINOR CHANGE APPLICATION
CUMULUS LICENSING LLC
WTOD AM RADIO STATION
has: 1560 kHz - 5.0 kW - DAD
req: 1560 kHz - 0.002/4.3 kW - DA2
TOLEDO, OHIO
February 2008

EXHIBIT #2N1

WCNW - Fairfield, OH - 1550 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.		Azimuth	Radiation (mV/m at one km)	Dist to Contours - km: Contour levels in mV/m.	
		.500	.025			.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 - 1550 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.		Azimuth	Radiation (mV/m at one km)	Dist to Contours - km: Contour levels in mV/m.	
		.500	.025			.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

EXHIBIT #2N2

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.											
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	653.4	4.0E	969.7	8.0E	1300.0						
	8.0E	105.3	15.0E	184.4	8.0E	294.9	2.0E	338.0	8.0E	531.9	15.0E	626.0
335.0	8.0E	688.4	4.0E	954.9	8.0E	1201.1	2.0E	1206.5				
	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	714.3	4.0E	930.3	8.0E	1092.9	2.0E	1300.0				
	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	2.0E	611.7	8.0E	1068.0	2.0E	1203.4	2.0E	1300.0				
	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
25.0	8.0E	373.8	15.0E	471.9	8.0E	546.8	10.0E	686.6	4.0E	701.6	10.0E	787.1
	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	6.0E	621.9	4.0E	675.6	10.0E	764.9	2.0E	1147.5	6.0E	1204.5	2.0E	1300.0
	8.0E	103.0	15.0E	269.4	8.0E	277.1	15.0E	285.0	8.0E	304.1	10.0E	333.8
35.0	20.0E	334.8	10.0E	363.7	20.0E	500.4	6.0E	618.0	4.0E	675.0	10.0E	702.6
	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	6.0E	747.4	1.0E	946.5	2.0E	1160.0	2.0E	1300.0				
	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	10.0E	611.4	15.0E	637.9	6.0E	785.9	4.0E	800.7	1.0E	914.1	4.0E	988.3
	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	15.0E	762.0	4.0E	970.5	10.0E	1045.7	4.0E	1074.7	2.0E	1300.0		
	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

MINOR CHANGE APPLICATION
CUMULUS LICENSING LLC
WTOD AM RADIO STATION
has: 1560 kHz - 5.0 kW - DAD
req: 1560 kHz - 0.002/4.3 kW - DA2
TOLEDO, OHIO
February 2008

EXHIBIT #20

WGLL - Auburn, IN - 1570 kHz - 0.5 kW - DAD

North Latitude: 41' 20' 01"
West Longitude: 85' 03' 08"

Azimuth	Radiation (mV/m at one km)	Dist to Contours - km:		Azimuth	Radiation (mV/m at one km)	Dist to Contours - km:	
		.500	.250			.500	.250
40.0	321.63	47.09	63.17	80.0	207.68	39.15	52.47
45.0	313.03	46.55	62.45	85.0	190.61	37.75	50.60
50.0	303.39	45.94	61.63	90.0	173.16	36.25	48.59
55.0	292.00	45.20	60.63	95.0	155.57	34.64	46.43
60.0	278.59	44.32	59.44	100.0	138.09	32.92	44.15
65.0	264.72	43.37	58.16	105.0	122.04	31.23	41.91
70.0	247.96	42.19	56.57	110.0	108.65	29.71	39.90
75.0	227.08	40.65	54.50	115.0	96.98	28.28	38.03

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											
40.0	8.0E 235.5	15.0E 313.4	8.0E 360.2	10.0E 425.8	6.0E 456.3	4.0E 509.8					
	10.0E 589.1	1.0E 593.6	10.0E 604.0	1.0E 629.2	2.0E 999.2	2.0E 1300.0					
45.0	8.0E 225.4	15.0E 293.0	8.0E 321.8	10.0E 378.6	6.0E 467.8	4.0E 519.6					
	10.0E 552.1	4.0E 570.9	10.0E 582.2	1.0E 798.3	2.0E 1030.8	2.0E 1300.0					
50.0	8.0E 218.2	15.0E 274.8	20.0E 303.6	10.0E 307.5	20.0E 336.1	6.0E 470.3					
	4.0E 583.1	6.0E 612.5	1.0E 782.6	4.0E 853.7	2.0E 1210.0	2.0E 1228.3					
55.0	8.0E 212.9	15.0E 217.7	20.0E 370.3	6.0E 434.9	4.0E 524.9	6.0E 667.7					
	4.0E 698.7	1.0E 792.7	4.0E 950.0	2.0E 1138.3	4.0E 1300.0						
60.0	8.0E 184.2	20.0E 379.5	4.0E 453.6	20.0E 479.7	10.0E 504.5	15.0E 620.5					
	6.0E 663.5	4.0E 813.3	10.0E 1084.7	6.0E 1168.8	4.0E 1308.7						
65.0	8.0E 176.3	10.0E 186.7	20.0E 300.0	10.0E 367.4	20.0E 370.6	4.0E 432.1					
	20.0E 535.5	8.0E 653.9	15.0E 746.4	8.0E 779.1	4.0E 788.2	8.0E 789.3					
70.0	8.0E 177.1	10.0E 220.2	20.0E 224.2	10.0E 426.0	4.0E 431.7	10.0E 509.3					
	8.0E 645.5	4.0E 948.8	2.0E 1063.4	0.5E 1097.1	1.0E 1181.0	2.0E 1300.0					
75.0	8.0E 191.3	10.0E 277.5	8.0E 440.9	4.0E 457.4	8.0E 496.3	4.0E 911.4					
	2.0E 925.5	4.0E 967.7	2.0E 1020.0	1.0E 1168.0	2.0E 1207.0	5000.0E 1300.0					
80.0	8.0E 124.8	15.0E 169.1	8.0E 382.9	4.0E 989.8	1.0E 1063.9	2.0E 1163.9					
85.0	8.0E 119.7	15.0E 172.9	8.0E 185.0	15.0E 191.8	8.0E 436.2	2.0E 544.4					
	4.0E 947.5	1.0E 1002.1	2.0E 1128.3	5000.0E 1129.6	2.0E 1132.2	5000.0E 1300.0					
90.0	8.0E 118.0	15.0E 189.1	8.0E 425.0	2.0E 818.4	4.0E 849.9	2.0E 899.0					
95.0	8.0E 117.5	15.0E 186.3	8.0E 405.1	4.0E 462.5	2.0E 575.4	4.0E 622.6					
100.0	8.0E 118.8	15.0E 186.0	8.0E 377.1	4.0E 520.7	2.0E 557.8	4.0E 622.7					
	2.0E 689.5	4.0E 821.9	5000.0E 825.7	4.0E 923.5	5000.0E 1300.0						
105.0	8.0E 121.0	15.0E 188.7	8.0E 355.3	4.0E 611.9	2.0E 744.9	4.0E 754.4					
110.0	8.0E 123.0	15.0E 193.5	8.0E 339.1	4.0E 595.9	2.0E 730.1	4.0E 738.4					
115.0	8.0E 124.0	15.0E 200.6	8.0E 326.3	4.0E 403.9	2.0E 459.6	4.0E 557.6					
	2.0E 760.4	4.0E 782.2	5000.0E 783.0	4.0E 847.4	5000.0E 888.3	2.0E 902.9					

MINOR CHANGE APPLICATION
CUMULUS LICENSING LLC
WTOD AM RADIO STATION
has: 1560 kHz - 5.0 kW - DAD
req: 1560 kHz - 0.002/4.3 kW - DA2
TOLEDO, OHIO
February 2008

EXHIBIT #2P

WWCK - Flint, MI - 1570 kHz - 1.0 kW - ND

North Latitude: 43' 00' 39"
West Longitude: 83' 39' 03"

Azimuth	Radiation (mV/m at one km)	Dist to Contours - km:		Azimuth	Radiation (mV/m at one km)	Dist to Contours - km:	
		.500	.250			.500	.250
155.0	282.00	44.54	59.74	185.0	282.00	44.54	59.74
160.0	282.00	44.54	59.74	190.0	282.00	44.54	59.74
165.0	282.00	44.54	59.74	195.0	282.00	44.54	59.74
170.0	282.00	44.54	59.74	200.0	282.00	44.54	59.74
175.0	282.00	44.54	59.74	205.0	282.00	44.54	59.74
180.0	282.00	44.54	59.74	210.0	282.00	44.54	59.74

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											
155.0	8.0E	104.2	20.0E	119.2	10.0E	149.5	8.0E	179.6	15.0E	182.4	8.0E 378.0
	4.0E	419.8	2.0E	776.4	4.0E	781.6	2.0E	804.0	4.0E	911.5	2.0E 1024.8
160.0	8.0E	175.7	15.0E	180.8	8.0E	185.8	15.0E	207.0	8.0E	388.3	4.0E 405.0
	2.0E	848.4	4.0E	936.5	2.0E	1031.8	4.0E	1166.4	5000.0E	1170.9	4.0E 1171.2
165.0	8.0E	159.8	15.0E	248.5	8.0E	398.6	2.0E	669.8	4.0E	722.1	2.0E 909.4
170.0	8.0E	152.4	15.0E	301.6	8.0E	407.0	2.0E	678.0	4.0E	746.6	2.0E 937.3
175.0	8.0E	157.3	15.0E	311.2	8.0E	412.6	2.0E	689.8	4.0E	779.7	2.0E 944.5
180.0	8.0E	197.1	15.0E	316.7	8.0E	508.1	2.0E	993.8	4.0E	1296.8	2.0E 1300.0
185.0	8.0E	259.1	15.0E	320.1	8.0E	639.5	2.0E	883.5	4.0E	926.3	2.0E 1132.3
190.0	8.0E	263.6	15.0E	322.3	8.0E	553.4	4.0E	806.0	2.0E	925.8	4.0E 1016.9
195.0	8.0E	261.7	15.0E	325.7	8.0E	559.7	4.0E	902.9	2.0E	1074.8	4.0E 1225.9
200.0	8.0E	258.6	15.0E	335.2	8.0E	550.5	4.0E	1076.7	2.0E	1300.0	
205.0	8.0E	90.6	4.0E	107.7	8.0E	256.4	15.0E	350.6	8.0E	686.6	4.0E 1056.8
210.0	8.0E	81.4	4.0E	151.8	8.0E	259.2	15.0E	373.1	8.0E	800.9	4.0E 1000.4

MINOR CHANGE APPLICATION
CUMULUS LICENSING LLC
WTOD AM RADIO STATION
has: 1560 kHz - 5.0 kW - DAD
req: 1560 kHz - 0.002/4.3 kW - DA2
TOLEDO, OHIO
February 2008

EXHIBIT #2Q

WPTW - Piqua, OH - 1570 kHz - 0.25 kW - ND

North Latitude: 40° 08' 25"
West Longitude: 84° 16' 07"

Azimuth	Radiation (mV/m at one km)	Dist to Contours - km: Contour levels in mV/m.		Azimuth	Radiation (mV/m at one km)	Dist to Contours - km: Contour levels in mV/m.	
		.500	.250			.500	.250
350.0	160.93	50.36	66.46	30.0	160.93	50.35	66.92
355.0	160.93	50.36	65.64	35.0	160.93	50.35	66.92
0.0	160.93	50.36	65.19	40.0	160.93	50.35	66.91
5.0	160.93	50.36	64.97	45.0	160.93	50.34	66.91
10.0	160.93	50.36	64.88	50.0	160.93	50.33	66.90
15.0	160.93	50.36	65.08	55.0	160.93	50.31	66.88
20.0	160.93	50.36	65.68	60.0	160.93	50.29	66.86
25.0	160.93	50.36	66.75	65.0	160.93	50.27	66.83

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										
350.0	8.0E	0.9	15.0E	65.1	8.0E	186.0	4.0E	250.7	2.0E	256.0
	2.0E	506.4	8.0E	977.2	2.0E	1107.4	2.0E	1300.0		8.0E
355.0	8.0E	0.9	15.0E	62.1	8.0E	192.0	4.0E	254.9	8.0E	870.0
0.0	8.0E	0.9	15.0E	60.4	8.0E	211.6	4.0E	252.5	8.0E	707.2
5.0	8.0E	0.8	15.0E	59.6	8.0E	632.6	10.0E	637.5	8.0E	660.2
	2.0E	1045.1	6.0E	1104.3	2.0E	1300.0			10.0E	681.8
10.0	8.0E	0.8	15.0E	59.3	8.0E	394.9	15.0E	419.4	8.0E	602.0
	4.0E	650.5	10.0E	684.0	2.0E	993.8	6.0E	1123.5	2.0E	1300.0
15.0	8.0E	0.9	15.0E	60.0	8.0E	330.8	15.0E	448.0	8.0E	565.1
	4.0E	672.8	10.0E	686.9	2.0E	978.8	6.0E	1095.8	2.0E	1260.4
20.0	8.0E	0.9	15.0E	62.2	8.0E	295.0	15.0E	401.5	8.0E	477.2
	4.0E	608.0	10.0E	692.5	2.0E	998.4	6.0E	1104.9	2.0E	1249.2
25.0	8.0E	0.9	15.0E	66.2	8.0E	121.6	15.0E	187.2	8.0E	224.7
	2.0E	312.4	15.0E	354.5	8.0E	363.1	10.0E	478.8	6.0E	528.9
	4.0E	590.7	10.0E	681.7	2.0E	1048.4	6.0E	1115.3	2.0E	1300.0
30.0	8.0E	0.9	15.0E	76.5	8.0E	94.7	15.0E	189.8	8.0E	216.8
	2.0E	398.9	6.0E	533.3	4.0E	582.0	10.0E	656.8	1.0E	715.9
35.0	8.0E	1.0	15.0E	189.1	8.0E	217.1	10.0E	250.1	20.0E	254.6
	20.0E	418.2	6.0E	522.1	4.0E	639.7	1.0E	847.6	2.0E	1066.4
40.0	8.0E	1.0	15.0E	193.4	8.0E	224.4	10.0E	362.6	20.0E	414.1
	6.0E	681.7	1.0E	831.2	4.0E	886.4	2.0E	1110.5	2.0E	1300.0
45.0	8.0E	1.1	15.0E	172.0	8.0E	283.2	10.0E	401.4	4.0E	461.2
	15.0E	596.3	6.0E	698.8	4.0E	757.8	1.0E	830.6	4.0E	929.5
50.0	8.0E	1.1	15.0E	153.4	8.0E	372.7	10.0E	429.1	4.0E	430.7
	20.0E	551.2	8.0E	622.3	15.0E	697.2	4.0E	698.0	15.0E	700.8
55.0	8.0E	1.2	15.0E	142.0	8.0E	348.6	4.0E	349.4	8.0E	712.4
	8.0E	798.2	4.0E	1034.6	10.0E	1045.3	4.0E	1300.0		
60.0	8.0E	1.4	15.0E	133.8	8.0E	386.0	4.0E	602.5	8.0E	623.0
65.0	8.0E	1.6	15.0E	127.7	8.0E	409.0	2.0E	458.5	4.0E	874.0