TABLE 1
NIGHTTIME STANDARD RADIATION PATTERN DATA
1440 KILOHERTZ .189 KILOWATT DA
MULTICULTURAL RADIO BROADCASTING LICENSEE, LLC
WNYG MEDFORD, NEW YORK

STANDARD RADIATION
(at One Kilometer)

Azimuth	Elevation Angle in Degrees						
Angle	0	5	10	15	20	25	30
(deg)	(mV/m)	(mV/m)	(mV/m)	(mV/m)	(mV/m)	(mV/m)	(mV/m)
0	115.	114.	110.	104.	95.3	85.4	74.4
5	112.	110.	107.	101.	92.5	82.9	72.0
10	107.	106.	102.	96.4	88.6	79.3	68.8
15	101.	100.	96.8	91.1	83.7	74.7	64.8
20	94.5	93.4	90.1	84.8	77.7	69.3	60.0
25	86.5	85.5	82.4	77.4	70.9	63.1	54.5
30	77.6	76.6	73.8	69.3	63.4	56.4	48.7
35	68.1	67.2	64.8	60.8	55.6	49.5	42.9
40	58.6	57.9	55.8	52.5	48.1	43.1	37.7
45	50.3	49.7	48.0	45.4	42.1	38.3	34.3
50	44.9	44.5	43.3	41.4	39.1	36.5	33.9
55	44.5	44.3	43.5	42.2	40.7	38.9	37.1
60	50.1	49.9	49.3	48.2	46.9	45.3	43.5
65	60.4	60.1	59.3	58.1	56.4	54.4	52.0
70	73.4	73.0	72.0	70.3	68.0	65.2	61.8
75	87.8	87.4	86.0	83.7	80.6	76.8	72.3
80	103.	102.	100.	97.5	93.5	88.7	83.1
85	118.	117.	115.	111.	106.	101.	93.7
90	132.	131.	129.	124.	119.	112.	104.
95	146.	145.	142.	137.	131.	123.	114.
100	158.	157.	154.	149.	142.	133.	123.
105	170.	168.	165.	159.	152.	142.	132.
110	180.	178.	175.	169.	160.	151.	139.
115	188.	187.	183.	177.	168.	158.	146.
120	196.	194.	190.	184.	175.	164.	152.
125	202.	201.	197.	190.	181.	170.	157.
130	207.	206.	201.	195.	186.	174.	161.
135	211.	210.	205.	199.	189.	178.	165.
140	214.	213.	209.	202.	192.	181.	168.
145	217.	215.	211.	204.	195.	183.	170.
150	218.	217.	213.	206.	197.	185.	172.
155	219.	218.	214.	207.	198.	186.	173.
160	220.	219.	215.	208.	199.	187.	174.
165	221.	219.	215.	208.	199.	188.	174.
170	221.	219.	215.	209.	199.	188.	175.
175	221.	219.	215.	208.	199.	188.	174.

TABLE 1
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NIGHTTIME STANDARD RADIATION PATTERN DATA
WNYG MEDFORD, NEW YORK

STANDARD RADIATION
(at One Kilometer)

Azimuth Angle (deg)	Elevation Angle in Degrees 35 (mV/m)	40 (mV/m)	45 (mV/m)	50 (mV/m)	55 (mV/m)	60 (mV/m)
0	62.7	50.8	39.5	29.4	21.0	15.2
5	60.6	49.1	38.2	28.4	20.4	15.0
10	57.8	46.8	36.4	27.1	19.7	14.9
15	54.3	43.9	34.1	25.6	18.9	14.8
20	50.2	40.6	31.6	24.0	18.3	15.0
25	45.6	36.9	29.0	22.5	17.9	15.4
30	40.8	33.3	26.6	21.3	17.9	16.2
35	36.2	30.0	24.8	20.9	18.6	17.4
40	32.5	27.8	24.1	21.5	20.0	19.0
45	30.6	27.5	25.1	23.3	22.1	21.0
50	31.5	29.4	27.7	26.3	24.9	23.4
55	35.3	33.6	31.9	30.1	28.2	26.1
60	41.5	39.4	37.1	34.7	32.0	28.9
65	49.3	46.4	43.2	39.7	36.0	32.0
70	58.1	54.0	49.7	45.0	40.2	35.2
75	67.4	62.1	56.4	50.6	44.5	38.4
80	76.9	70.2	63.3	56.1	48.9	41.7
85	86.3	78.3	70.0	61.6	53.2	44.9
90	95.4	86.2	76.6	67.0	57.4	48.1
95	104.	93.7	83.0	72.2	61.5	51.1
100	112.	101.	89.0	77.1	65.4	54.1
105	120.	107.	94.5	81.7	69.0	56.8
110	127.	113.	99.7	85.9	72.5	59.5
115	133.	119.	104.	89.8	75.6	61.9
120	138.	124.	108.	93.3	78.4	64.1
125	143.	128.	112.	96.5	81.0	66.1
130	147.	131.	115.	99.2	83.3	67.9
135	150.	134.	118.	102.	85.2	69.4
140	153.	137.	120.	104.	86.9	70.8
145	155.	139.	122.	105.	88.3	71.9
150	157.	141.	124.	107.	89.5	72.8
155	158.	142.	125.	108.	90.3	73.5
160	159.	143.	126.	108.	91.0	74.0
165	159.	143.	126.	109.	91.3	74.3
170	160.	143.	126.	109.	91.5	74.4
175	159.	143.	126.	109.	91.3	74.3

TABLE 1
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NIGHTTIME STANDARD RADIATION PATTERN DATA
WNYG MEDFORD, NEW YORK

STANDARD RADIATION
(at One Kilometer)

Azimuth	Elevation Angle in Degrees						
Angle	0	5	10	15	20	25	30
(deg)	(mV/m)	(mV/m)	(mV/m)	(mV/m)	(mV/m)	(mV/m)	(mV/m)
180	220.	219.	215.	208.	199.	187.	174.
185	219.	218.	214.	207.	198.	186.	173.
190	218.	217.	213.	206.	197.	185.	172.
195	217.	215.	211.	204.	195.	183.	170.
200	214.	213.	209.	202.	192.	181.	168.
205	211.	210.	205.	199.	189.	178.	165.
210	207.	206.	201.	195.	186.	174.	161.
215	202.	201.	197.	190.	181.	170.	157.
220	196.	194.	190.	184.	175.	164.	152.
225	188.	187.	183.	177.	168.	158.	146.
230	180.	178.	175.	169.	160.	151.	139.
235	170.	168.	165.	159.	152.	142.	132.
240	158.	157.	154.	149.	142.	133.	123.
245	146.	145.	142.	137.	131.	123.	114.
250	132.	131.	129.	124.	119.	112.	104.
255	118.	117.	115.	111.	106.	101.	93.7
260	103.	102.	100.	97.5	93.5	88.7	83.1
265	87.8	87.4	86.0	83.7	80.6	76.8	72.3
270	73.4	73.0	72.0	70.3	68.0	65.2	61.8
275	60.4	60.1	59.3	58.1	56.4	54.4	52.0
280	50.1	49.9	49.3	48.2	46.9	45.3	43.5
285	44.5	44.3	43.5	42.2	40.7	38.9	37.1
290	44.9	44.5	43.3	41.4	39.1	36.5	33.9
295	50.3	49.7	48.0	45.4	42.1	38.3	34.3
300	58.6	57.9	55.8	52.5	48.1	43.1	37.7
305	68.1	67.2	64.8	60.8	55.6	49.5	42.9
310	77.6	76.6	73.8	69.3	63.4	56.4	48.7
315	86.5	85.5	82.4	77.4	70.9	63.1	54.5
320	94.5	93.4	90.1	84.8	77.7	69.3	60.0
325	101.	100.	96.8	91.1	83.7	74.7	64.8
330	107.	106.	102.	96.4	88.6	79.3	68.8
335	112.	110.	107.	101.	92.5	82.9	72.0
340	115.	114.	110.	104.	95.3	85.4	74.4
345	117.	116.	112.	105.	97.0	87.0	75.8
350	118.	116.	112.	106.	97.6	87.5	76.2
355	117.	116.	112.	105.	97.0	87.0	75.8

TABLE 1
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NIGHTTIME STANDARD RADIATION PATTERN DATA
WNYG MEDFORD, NEW YORK

STANDARD RADIATION
(at One Kilometer)

Azimuth Angle (deg)	Elevation Angle in Degrees 35 (mV/m)	40 (mV/m)	45 (mV/m)	50 (mV/m)	55 (mV/m)	60 (mV/m)
180	159.	143.	126.	108.	91.0	74.0
185	158.	142.	125.	108.	90.3	73.5
190	157.	141.	124.	107.	89.5	72.8
195	155.	139.	122.	105.	88.3	71.9
200	153.	137.	120.	104.	86.9	70.8
205	150.	134.	118.	102.	85.2	69.4
210	147.	131.	115.	99.2	83.3	67.9
215	143.	128.	112.	96.5	81.0	66.1
220	138.	124.	108.	93.3	78.4	64.1
225	133.	119.	104.	89.8	75.6	61.9
230	127.	113.	99.7	85.9	72.5	59.5
235	120.	107.	94.5	81.7	69.0	56.8
240	112.	101.	89.0	77.1	65.4	54.1
245	104.	93.7	83.0	72.2	61.5	51.1
250	95.4	86.2	76.6	67.0	57.4	48.1
255	86.3	78.3	70.0	61.6	53.2	44.9
260	76.9	70.2	63.3	56.1	48.9	41.7
265	67.4	62.1	56.4	50.6	44.5	38.4
270	58.1	54.0	49.7	45.0	40.2	35.2
275	49.3	46.4	43.2	39.7	36.0	32.0
280	41.5	39.4	37.1	34.7	32.0	28.9
285	35.3	33.6	31.9	30.1	28.2	26.1
290	31.5	29.4	27.7	26.3	24.9	23.4
295	30.6	27.5	25.1	23.3	22.1	21.0
300	32.5	27.8	24.1	21.5	20.0	19.0
305	36.2	30.0	24.8	20.9	18.6	17.4
310	40.8	33.3	26.6	21.3	17.9	16.2
315	45.6	36.9	29.0	22.5	17.9	15.4
320	50.2	40.6	31.6	24.0	18.3	15.0
325	54.3	43.9	34.1	25.6	18.9	14.8
330	57.8	46.8	36.4	27.1	19.7	14.9
335	60.6	49.1	38.2	28.4	20.4	15.0
340	62.7	50.8	39.5	29.4	21.0	15.2
345	63.9	51.9	40.4	30.0	21.3	15.3
350	64.3	52.2	40.6	30.2	21.5	15.3
355	63.9	51.9	40.4	30.0	21.3	15.3