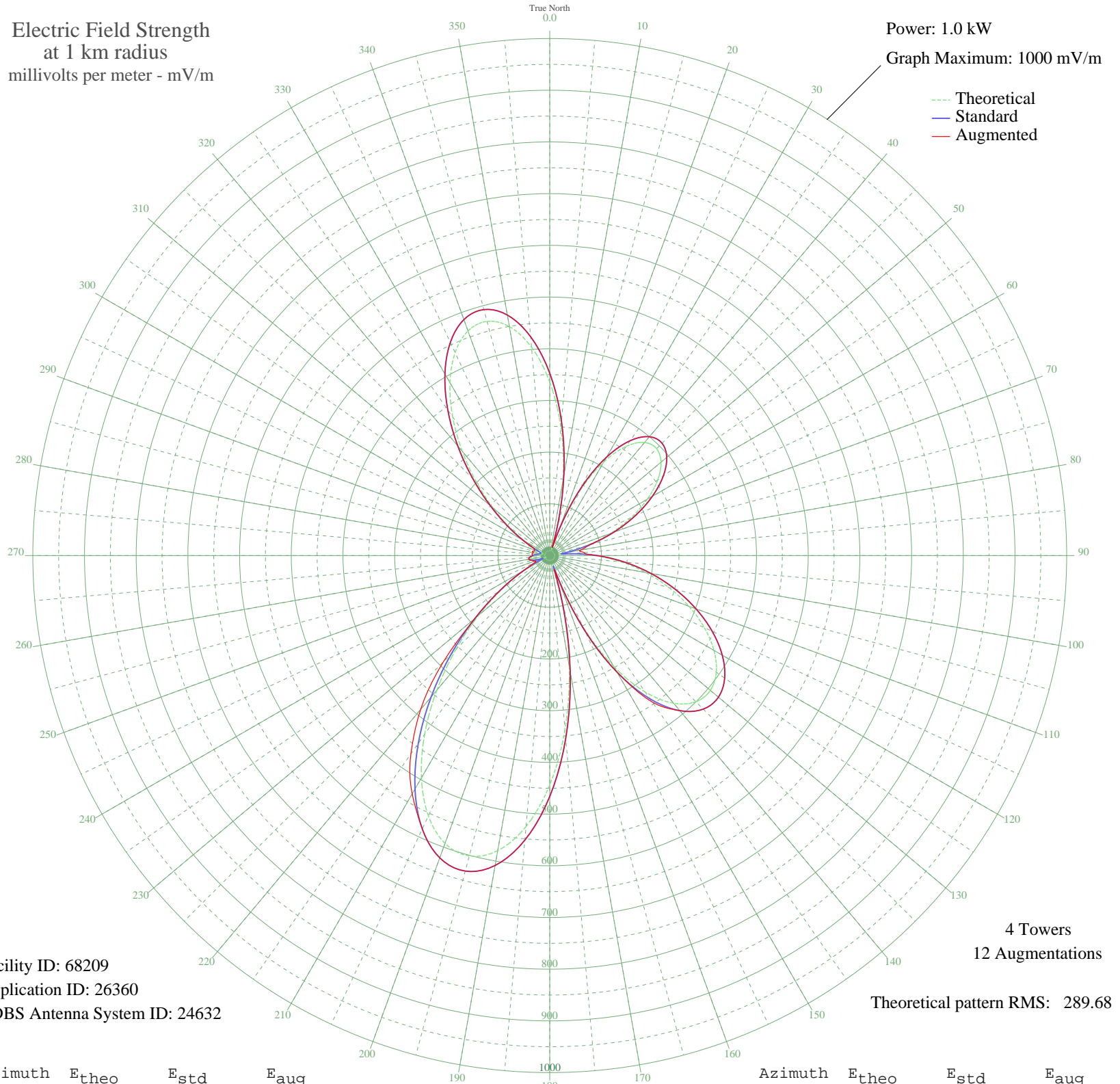


# WLAP LEXINGTON, KY BL-19810109AA 630 kHz

Nighttime

Electric Field Strength  
at 1 km radius  
millivolts per meter - mV/m

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 68209  
Application ID: 26360  
CDBS Antenna System ID: 24632

4 Towers  
12 Augmentations  
Theoretical pattern RMS: 289.68

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	335.70	352.67	352.67
5	248.18	260.84	260.84
10	149.04	156.91	156.91
15	46.86	50.51	50.51
20	53.47	57.29	57.29
25	139.62	147.04	147.04
30	209.04	219.79	219.79
35	258.05	271.19	271.19
40	285.52	300.02	300.02
45	292.40	307.23	307.23
50	281.13	295.41	295.41
55	255.12	268.12	268.12
60	218.10	229.29	229.29
65	173.62	182.66	182.66
70	124.74	131.48	131.48
75	74.04	78.57	78.57
80	26.06	29.65	29.65
85	37.01	40.51	40.51
90	86.71	91.76	91.76
95	137.89	145.24	145.24
100	188.85	198.62	198.62
105	238.80	251.00	251.00
110	286.54	301.08	301.08
115	330.13	346.82	346.82
120	366.86	385.37	385.37
125	393.30	413.12	413.12
130	405.60	426.04	426.04
135	399.88	420.03	420.03
140	372.80	391.61	391.61
145	322.22	338.53	346.01
150	247.80	260.44	260.44
155	151.51	159.50	159.50
160	38.82	42.34	48.28
165	89.17	94.32	94.32
170	216.61	227.72	227.72
175	337.88	354.96	354.96

The theoretical pattern is used to create the standard pattern. Augmentations (if any) expand the standard pattern in specified directions. See Sections 73.150 and 73.152 of the FCC's Rules.

AM coverage may not mirror the pattern shown here. Additional factors such as ground conductivity or skywave propagation affect how far the AM signal will travel.

Patterns for stations outside the USA are based on notified parameters.

AM directional patterns created before 1982 used units of 1 mV/m at 1 mile, not one kilometer. The pattern values on such plots at 1 mile will be 0.62137 of the values listed here. Measured pattern values may vary from values shown here.

Plot is best printed on 11" by 17" or larger paper.

03 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	443.63	465.95	465.95
185	526.04	552.46	552.46
190	579.56	608.65	608.65
195	601.55	631.73	631.73
200	592.43	622.16	622.16
205	555.52	583.41	583.41
210	496.38	521.33	532.18
215	421.99	443.24	468.32
220	339.79	356.96	388.57
225	256.83	269.91	291.53
230	179.10	188.41	188.41
235	111.11	117.23	117.23
240	55.76	59.65	59.65
245	15.18	19.62	32.19
250	16.44	20.70	32.19
255	31.71	35.20	35.20
260	37.44	40.94	40.94
265	35.71	39.20	39.20
270	29.36	32.88	33.34
275	21.41	25.22	34.76
280	14.95	19.41	32.12
285	12.83	17.67	32.91
290	17.67	21.79	32.19
295	31.91	35.40	35.40
300	57.24	61.18	61.18
305	94.34	99.71	99.71
310	142.63	150.20	150.20
315	200.14	210.45	210.45
320	263.34	276.74	276.74
325	327.30	343.86	343.86
330	386.05	405.51	405.51
335	433.12	454.92	454.92
340	462.39	485.65	485.65
345	468.93	492.51	492.51
350	449.78	472.41	472.41
355	404.57	424.95	424.95