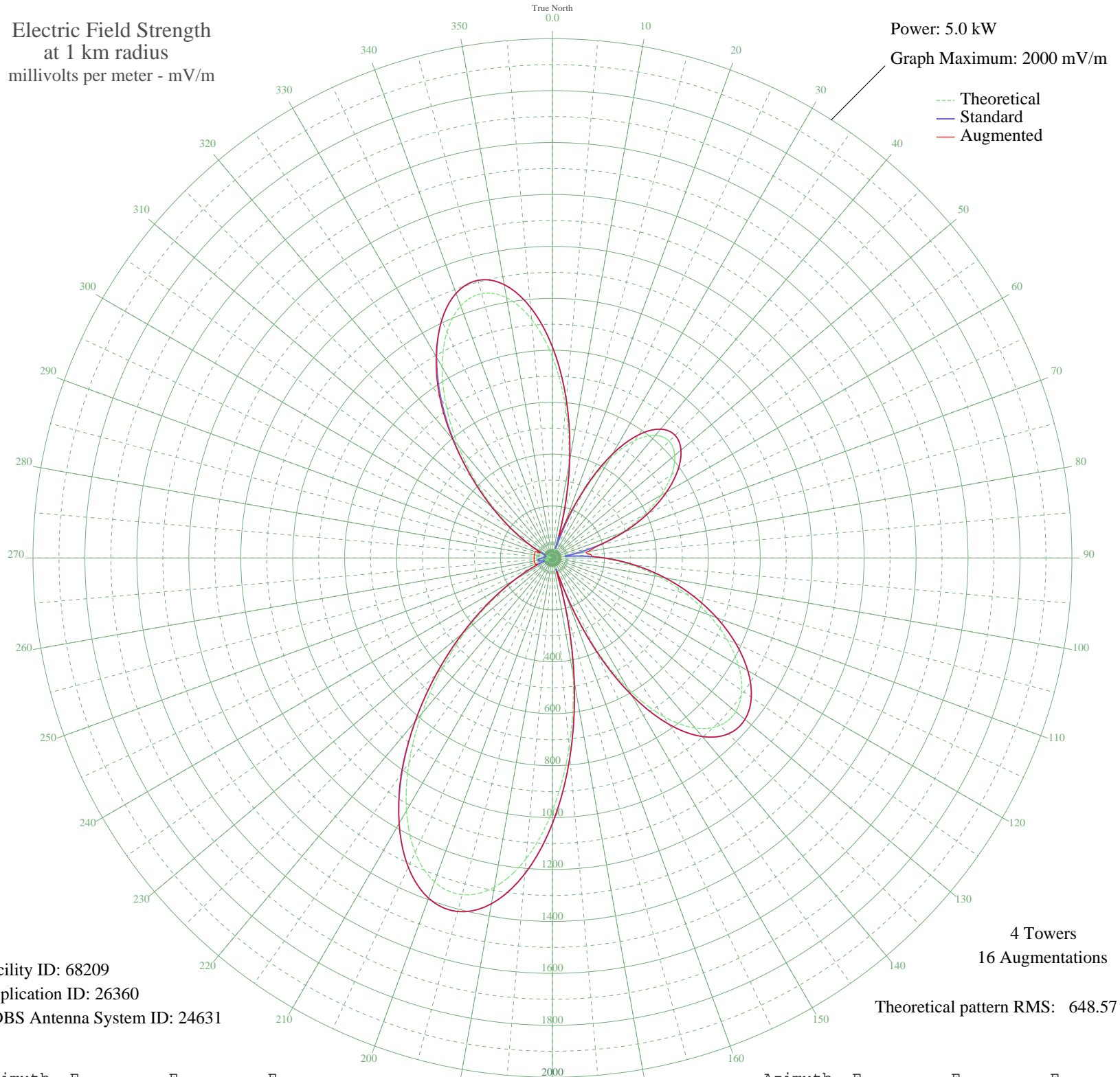


# WLAP LEXINGTON, KY BL-19810109AA 630 kHz

Daytime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 68209  
Application ID: 26360  
CDBS Antenna System ID: 24631

4 Towers  
16 Augmentations  
Theoretical pattern RMS: 648.57

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	773.72	812.81	812.81
5	582.18	611.83	611.83
10	363.52	382.55	382.55
15	136.75	145.85	145.85
20	89.71	97.61	144.84
25	281.66	296.85	296.85
30	438.70	461.35	461.35
35	551.15	579.28	579.28
40	616.20	647.51	647.51
45	635.63	667.90	667.90
50	614.71	645.95	645.95
55	560.78	589.38	589.38
60	481.99	506.73	506.73
65	386.10	406.22	406.22
70	279.86	294.96	294.96
75	168.89	179.17	182.58
80	62.68	70.61	135.01
85	78.16	85.96	149.26
90	188.18	199.24	199.24
95	302.97	319.14	319.14
100	418.07	439.71	439.71
105	531.63	558.79	558.79
110	640.86	673.38	673.38
115	741.35	778.84	778.84
120	826.93	868.65	868.65
125	889.79	934.63	934.63
130	921.12	967.51	967.51
135	912.05	957.99	957.99
140	854.92	898.03	898.03
145	744.75	782.40	782.40
150	580.57	610.13	610.13
155	366.70	385.88	385.88
160	115.33	123.77	128.75
165	174.16	184.65	184.65
170	459.97	483.65	483.65
175	733.86	770.98	770.98

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	974.08	1023.10	1023.10
185	1162.92	1221.33	1221.33
190	1287.77	1352.40	1352.40
195	1342.47	1409.82	1409.82
200	1327.77	1394.40	1394.40
205	1250.85	1313.65	1313.65
210	1123.95	1180.43	1180.43
215	962.50	1010.95	1015.50
220	783.01	822.56	822.56
225	601.19	631.77	631.77
230	430.39	452.63	452.63
235	280.68	295.82	295.82
240	158.54	168.43	168.43
245	67.39	75.24	75.24
250	16.56	30.93	70.81
255	36.11	45.73	70.81
260	47.57	56.12	70.81
265	43.14	52.02	70.81
270	28.61	39.45	70.81
275	11.13	28.12	70.81
280	7.13	26.65	70.81
285	11.47	28.27	70.81
290	7.23	26.68	70.81
295	35.10	44.86	53.11
300	92.41	100.34	100.34
305	176.90	187.49	187.49
310	287.22	302.66	302.66
315	418.99	440.68	440.68
320	564.37	593.14	599.23
325	712.31	748.36	758.00
330	849.31	892.15	896.21
335	960.80	1009.16	1009.16
340	1032.83	1084.77	1084.77
345	1054.10	1107.10	1107.10
350	1017.72	1068.91	1068.91
355	922.56	969.02	969.02