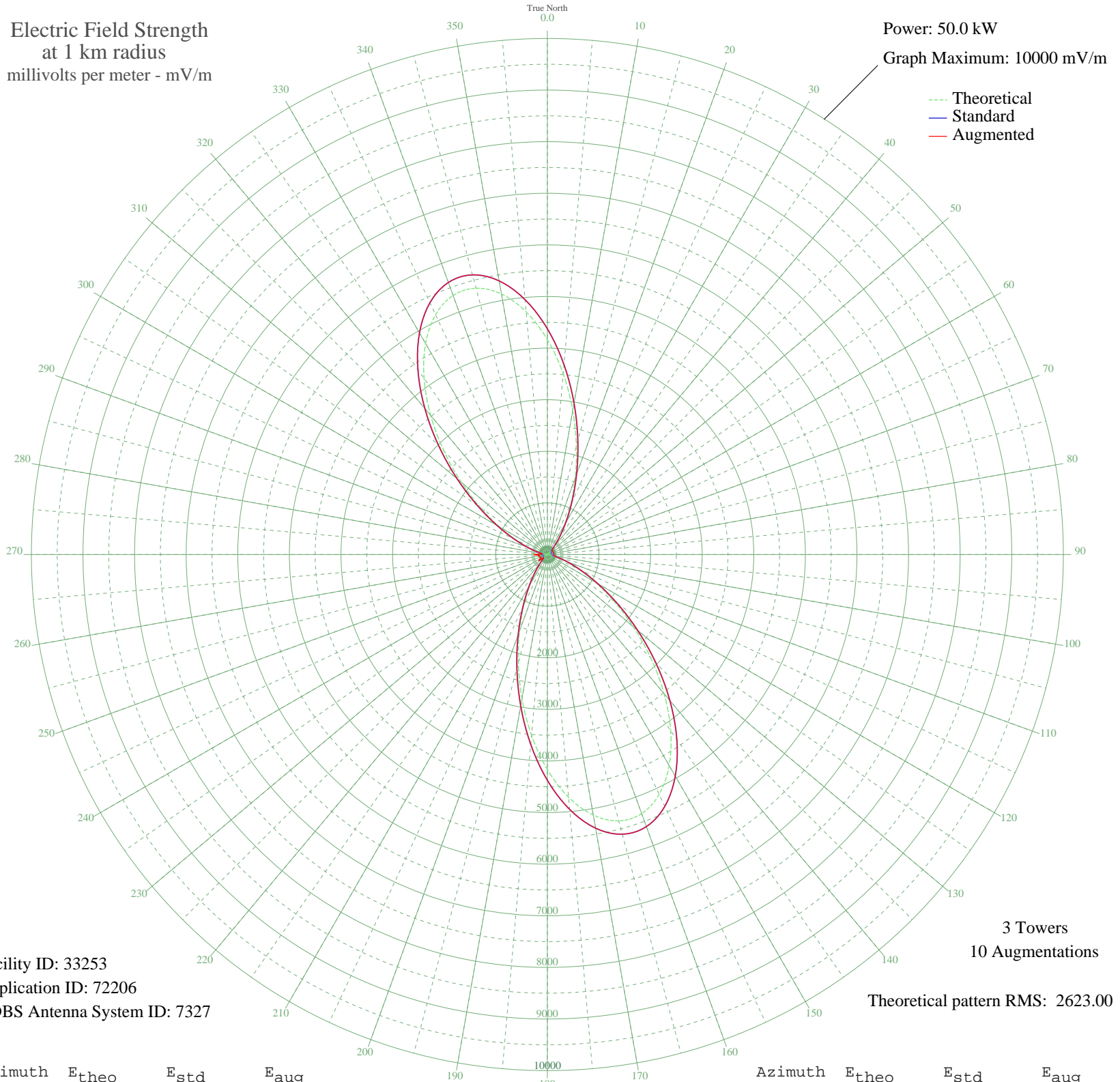


# KAAY LITTLE ROCK, AR BL-19840904AF 1090 kHz

Nighttime

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

Power: 50.0 kW  
Graph Maximum: 10000 mV/m



Facility ID: 33253  
Application ID: 72206  
CDBS Antenna System ID: 7327

3 Towers  
10 Augmentations  
Theoretical pattern RMS: 2623.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	4165.54	4374.67	4374.67
5	3517.07	3693.93	3693.93
10	2834.38	2977.35	2977.35
15	2172.04	2282.28	2282.28
20	1573.75	1654.69	1654.69
25	1068.68	1125.43	1125.43
30	670.68	709.48	709.48
35	379.87	408.10	408.10
40	185.83	213.37	213.37
45	71.39	114.32	125.49
50	16.27	87.99	120.71
55	0.20	86.32	121.47
60	5.13	86.49	116.40
65	16.69	88.08	122.75
70	24.98	90.21	127.97
75	24.98	90.21	127.97
80	16.69	88.08	122.75
85	5.13	86.49	122.51
90	0.20	86.32	132.28
95	16.27	87.99	128.50
100	71.39	114.32	127.73
105	185.83	213.37	213.37
110	379.87	408.10	408.10
115	670.68	709.48	709.48
120	1068.68	1125.43	1125.43
125	1573.75	1654.69	1654.69
130	2172.04	2282.28	2282.28
135	2834.38	2977.35	2977.35
140	3517.07	3693.93	3693.93
145	4165.54	4374.67	4374.67
150	4720.73	4957.51	4957.51
155	5127.32	5384.38	5384.38
160	5342.37	5610.16	5610.16
165	5342.37	5610.16	5610.16
170	5127.32	5384.38	5384.38
175	4720.72	4957.51	4957.51

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.

15 Feb 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	4165.54	4374.66	4374.66
185	3517.07	3693.93	3693.93
190	2834.38	2977.35	2977.35
195	2172.04	2282.27	2282.27
200	1573.75	1654.69	1654.69
205	1068.68	1125.43	1125.43
210	670.68	709.48	709.48
215	379.87	408.10	408.10
220	185.83	213.37	213.37
225	71.39	114.32	114.32
230	16.27	87.99	91.38
235	0.20	86.32	207.64
240	5.13	86.49	128.74
245	16.69	88.08	145.08
250	24.98	90.21	146.30
255	24.98	90.21	153.17
260	16.69	88.08	176.23
265	5.13	86.49	153.47
270	0.20	86.32	260.50
275	16.27	87.99	93.83
280	71.39	114.32	114.32
285	185.84	213.37	213.37
290	379.87	408.10	408.10
295	670.68	709.48	709.48
300	1068.68	1125.43	1125.43
305	1573.76	1654.70	1654.70
310	2172.04	2282.28	2282.28
315	2834.38	2977.35	2977.35
320	3517.07	3693.94	3693.94
325	4165.54	4374.67	4374.67
330	4720.73	4957.51	4957.51
335	5127.33	5384.38	5384.38
340	5342.37	5610.16	5610.16
345	5342.37	5610.16	5610.16
350	5127.32	5384.38	5384.38
355	4720.72	4957.51	4957.51