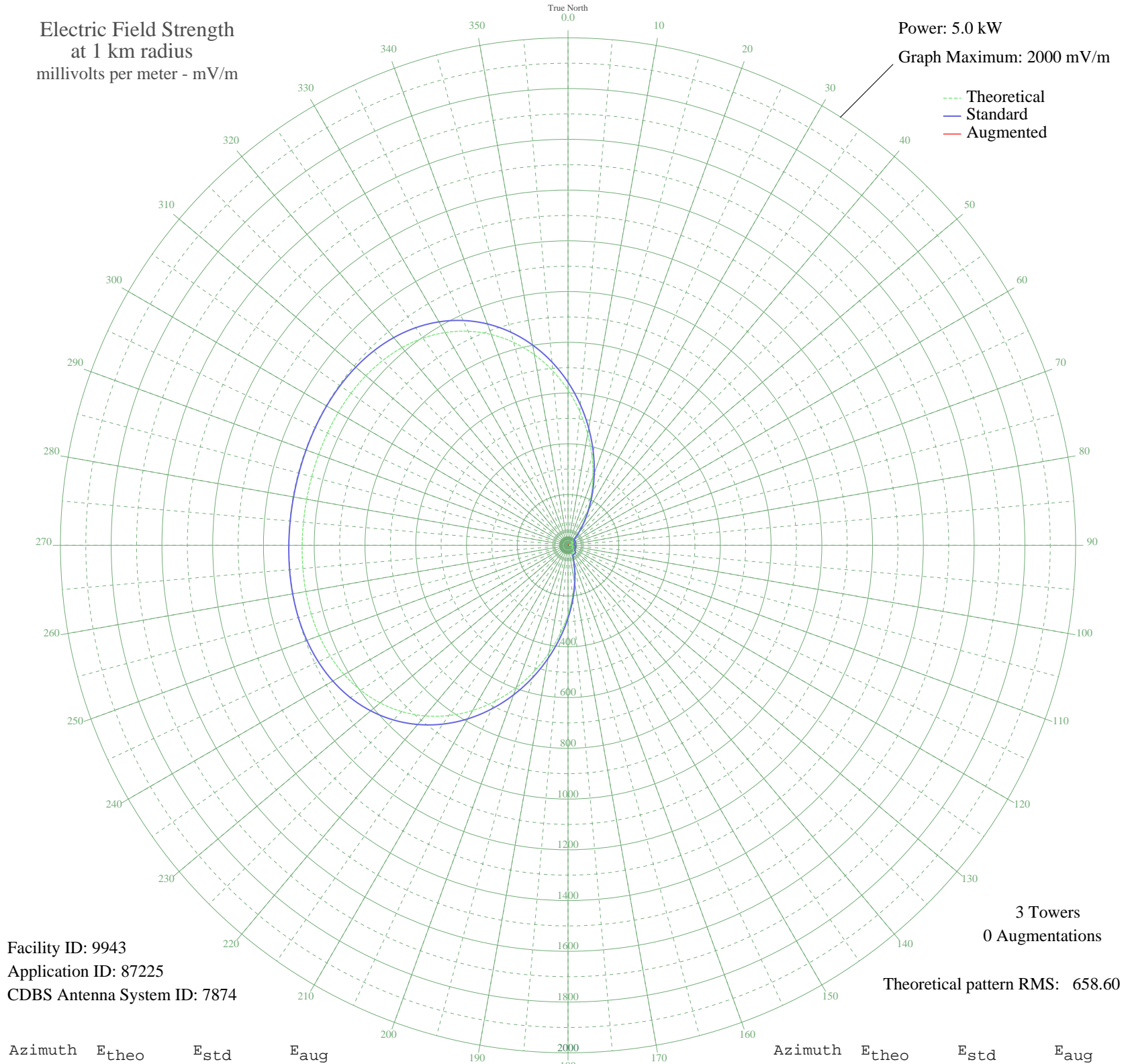


# KBND BEND, OR BL-19860410AC 1110 kHz

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 9943  
Application ID: 87225  
CDBS Antenna System ID: 7874

3 Towers  
0 Augmentations

Theoretical pattern RMS: 658.60

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	611.46	642.47	
5	529.26	556.22	
10	445.96	468.84	
15	364.25	383.18	
20	286.76	302.02	
25	215.85	227.86	
30	153.44	162.82	
35	100.97	108.58	
40	59.41	66.65	
45	29.98	39.27	
50	16.86	29.40	
55	19.56	31.20	
60	22.84	33.56	
65	21.96	32.91	
70	17.41	29.76	
75	10.52	25.95	
80	3.04	23.69	
85	5.74	24.24	
90	12.17	26.73	
95	16.86	29.41	
100	19.38	31.07	
105	19.79	31.35	
110	18.78	30.66	
115	17.86	30.05	
120	19.04	30.84	
125	22.94	33.63	
130	28.09	37.69	
135	32.49	41.41	
140	34.55	43.21	
145	33.62	42.39	
150	31.77	40.79	
155	37.29	45.65	
160	58.62	65.87	
165	94.99	102.46	
170	143.90	152.91	
175	203.69	215.16	

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	272.73	287.33	
185	349.06	367.27	
190	430.33	452.45	
195	513.89	540.10	
200	597.02	627.31	
205	677.07	711.31	
210	751.68	789.61	
215	818.94	860.21	
220	877.52	921.69	
225	926.67	973.28	
230	966.24	1014.83	
235	996.65	1046.75	
240	1018.73	1069.93	
245	1033.64	1085.58	
250	1042.72	1095.11	
255	1047.37	1099.98	
260	1048.94	1101.63	
265	1048.65	1101.33	
270	1047.52	1100.15	
275	1046.32	1098.89	
280	1045.53	1098.05	
285	1045.33	1097.85	
290	1045.64	1098.17	
295	1046.03	1098.58	
300	1045.82	1098.36	
305	1044.07	1096.52	
310	1039.62	1091.85	
315	1031.16	1082.97	
320	1017.30	1068.43	
325	996.70	1046.80	
330	968.15	1016.83	
335	930.73	977.55	
340	883.92	928.41	
345	827.71	869.41	
350	762.68	801.16	
355	690.01	724.89	