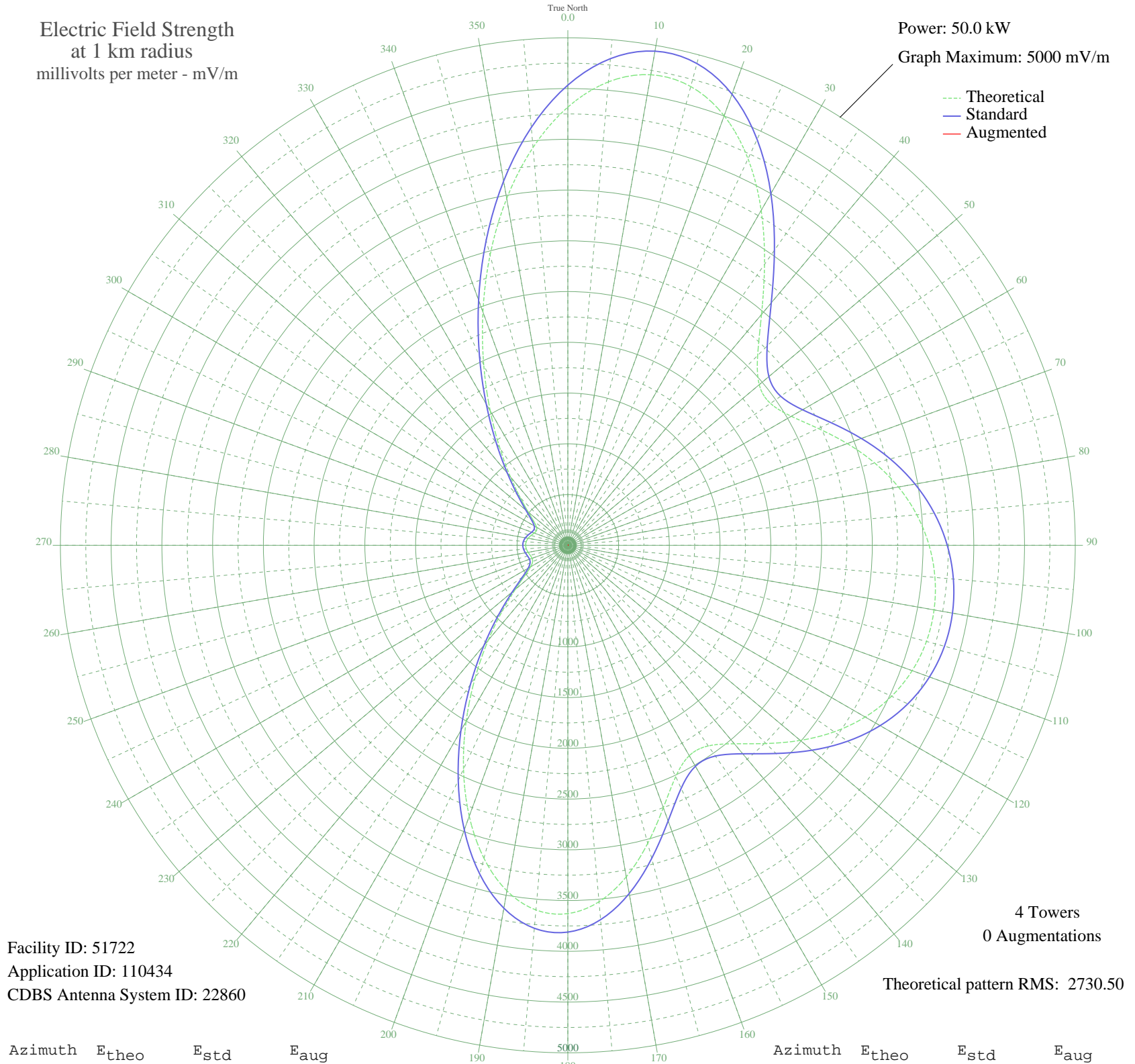


# WCKY CINCINNATI, OH BL-19880318AJ 1530 kHz

Nighttime

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

Power: 50.0 kW  
Graph Maximum: 5000 mV/m



Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	4317.35	4533.93	
5	4583.16	4812.99	
10	4707.50	4943.54	
15	4679.41	4914.04	
20	4503.78	4729.66	
25	4201.90	4412.73	
30	3810.37	4001.70	
35	3379.17	3549.05	
40	2968.97	3118.46	
45	2645.03	2778.46	
50	2461.75	2586.09	
55	2437.25	2560.39	
60	2542.40	2670.74	
65	2723.13	2860.42	
70	2930.22	3077.78	
75	3131.03	3288.57	
80	3307.67	3473.99	
85	3451.74	3625.22	
90	3559.95	3738.82	
95	3631.14	3813.55	
100	3664.43	3848.50	
105	3658.38	3842.15	
110	3610.84	3792.24	
115	3519.49	3696.34	
120	3383.13	3553.20	
125	3203.82	3364.98	
130	2990.15	3140.70	
135	2761.47	2900.67	
140	2552.33	2681.16	
145	2412.51	2534.42	
150	2392.92	2513.86	
155	2514.98	2641.96	
160	2751.13	2889.81	
165	3040.39	3193.43	
170	3316.70	3483.46	
175	3525.35	3702.49	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	3628.49	3810.77	
185	3606.34	3787.52	
190	3456.65	3630.37	
195	3192.76	3353.37	
200	2840.25	2983.35	
205	2432.35	2555.24	
210	2004.87	2106.66	
215	1591.53	1673.05	
220	1220.23	1283.78	
225	910.96	959.89	
230	675.01	713.33	
235	514.85	546.57	
240	423.16	451.56	
245	383.18	410.33	
250	375.03	401.94	
255	383.12	410.27	
260	397.15	424.72	
265	409.81	437.78	
270	415.71	443.87	
275	411.62	439.65	
280	397.07	424.64	
285	375.06	401.97	
290	352.71	379.01	
295	341.64	367.66	
300	356.22	382.61	
305	409.07	437.02	
310	508.61	540.09	
315	662.30	700.07	
320	879.11	926.58	
325	1167.18	1228.19	
330	1529.62	1608.12	
335	1961.18	2060.81	
340	2446.56	2570.15	
345	2960.49	3109.56	
350	3469.38	3643.74	
355	3934.67	4132.19	

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 2012

Prepared by Audio Division, Media Bureau  
Federal Communications Commission