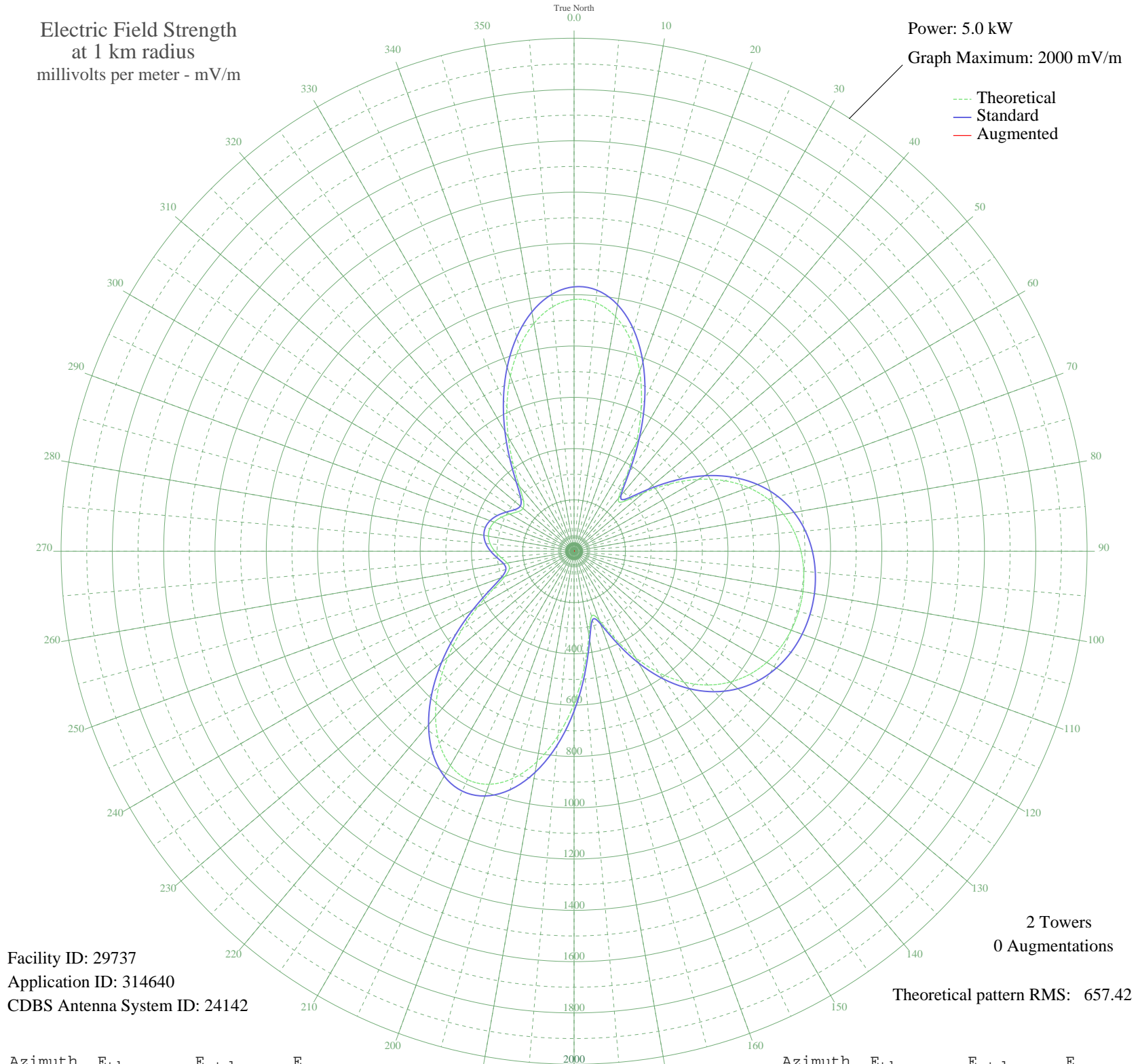


# WKRC CINCINNATI, OH BL-- 550 kHz

Daytime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 29737  
Application ID: 314640  
CDBS Antenna System ID: 24142

2 Towers  
0 Augmentations  
Theoretical pattern RMS: 657.42

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	981.52	1030.87	
5	972.75	1021.66	
10	929.21	975.95	
15	852.47	895.40	
20	746.99	784.69	
25	620.24	651.67	
30	483.45	508.16	
35	354.94	373.43	
40	269.92	284.38	
45	274.40	289.07	
50	354.23	372.68	
55	458.27	481.76	
60	560.01	588.48	
65	649.73	682.62	
70	724.34	760.92	
75	783.65	823.17	
80	828.87	870.63	
85	861.85	905.25	
90	884.57	929.10	
95	898.81	944.04	
100	905.87	951.45	
105	906.50	952.11	
110	900.76	946.09	
115	888.05	932.75	
120	867.16	910.82	
125	836.38	878.51	
130	793.77	833.79	
135	737.40	774.63	
140	665.90	699.59	
145	579.08	608.48	
150	479.27	503.78	
155	374.33	393.75	
160	286.15	301.38	
165	262.75	276.89	
170	332.88	350.31	
175	456.29	479.68	

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.

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	593.24	623.34	
185	723.05	759.56	
190	833.48	875.47	
195	916.42	962.52	
200	966.82	1015.43	
205	982.53	1031.93	
210	964.21	1012.69	
215	915.01	961.05	
220	840.19	882.51	
225	746.50	784.18	
230	641.71	674.21	
235	534.15	561.34	
240	432.66	454.90	
245	346.94	365.04	
250	287.34	302.62	
255	261.11	275.17	
260	264.78	279.01	
265	285.02	300.19	
270	308.81	325.09	
275	328.18	345.39	
280	339.20	356.93	
285	340.22	358.01	
290	331.13	348.48	
295	313.20	329.70	
300	289.82	305.22	
305	267.99	282.36	
310	259.80	273.79	
315	279.34	294.24	
320	332.60	350.02	
325	413.92	435.25	
330	513.07	539.23	
335	620.15	651.58	
340	726.18	762.85	
345	822.72	864.18	
350	901.90	947.28	
355	956.70	1004.81	

06 Nov 2009

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