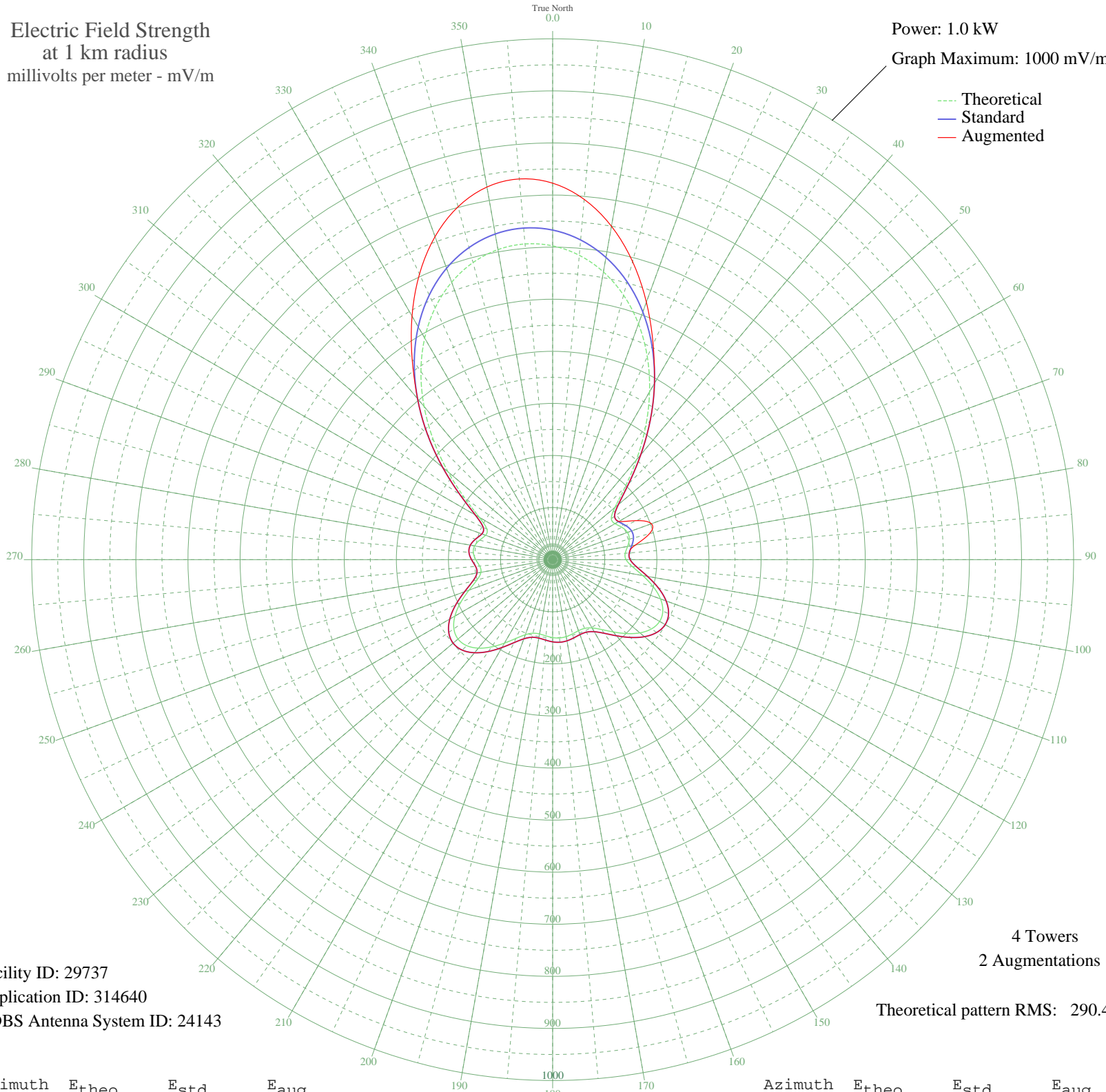


# WKRC CINCINNATI, OH BL-- 550 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 29737  
Application ID: 314640  
CDBS Antenna System ID: 24143

4 Towers  
2 Augmentations

Theoretical pattern RMS: 290.49

Azimuth	Etheo	Estd	Eaug
0	602.51	632.82	722.87
5	586.64	616.16	694.40
10	560.98	589.23	650.03
15	525.83	552.33	592.56
20	481.77	506.09	526.09
25	429.91	451.66	456.36
30	372.00	390.89	390.89
35	310.76	326.65	326.65
40	250.18	263.13	263.13
45	196.03	206.39	206.39
50	156.10	164.61	164.61
55	137.46	145.13	145.13
60	138.18	145.89	146.76
65	146.75	154.84	177.38
70	152.86	161.22	201.77
75	152.25	160.58	192.41
80	146.08	154.14	161.09
85	139.79	147.56	147.56
90	140.89	148.71	148.71
95	153.69	162.09	162.09
100	175.49	184.89	184.89
105	199.70	210.23	210.23
110	220.28	231.79	231.79
115	233.33	245.47	245.47
120	237.10	249.42	249.42
125	231.68	243.74	243.74
130	218.63	230.07	230.07
135	200.65	211.23	211.23
140	181.13	190.79	190.79
145	163.71	172.57	172.57
150	151.42	159.72	159.72
155	145.56	153.59	153.59
160	145.11	153.12	153.12
165	147.48	155.60	155.60
170	149.99	158.22	158.22
175	150.87	159.14	159.14

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	149.58	157.79	157.79
185	146.92	155.01	155.01
190	144.88	152.88	152.88
195	146.24	154.30	154.30
200	153.37	161.76	161.76
205	166.86	175.86	175.86
210	184.98	194.82	194.82
215	204.48	215.24	215.24
220	221.74	233.32	233.32
225	233.44	245.58	245.58
230	237.11	249.43	249.43
235	231.44	243.48	243.48
240	216.67	228.01	228.01
245	194.98	205.29	205.29
250	170.71	179.89	179.89
255	150.23	158.47	158.47
260	139.77	147.55	147.55
265	140.69	148.51	148.51
270	147.55	155.67	155.67
275	152.92	161.28	161.28
280	152.12	160.45	160.45
285	144.99	153.00	153.00
290	136.99	144.64	144.64
295	139.39	147.14	147.14
300	162.54	171.34	171.34
305	205.99	216.82	216.82
310	261.99	275.51	275.51
315	323.10	339.60	339.60
320	383.95	403.43	403.43
325	440.83	463.12	470.22
330	491.25	516.04	539.86
335	533.59	560.48	604.93
340	566.89	595.43	660.06
345	590.61	620.32	701.43
350	604.50	634.91	726.49
355	608.48	639.08	733.77