

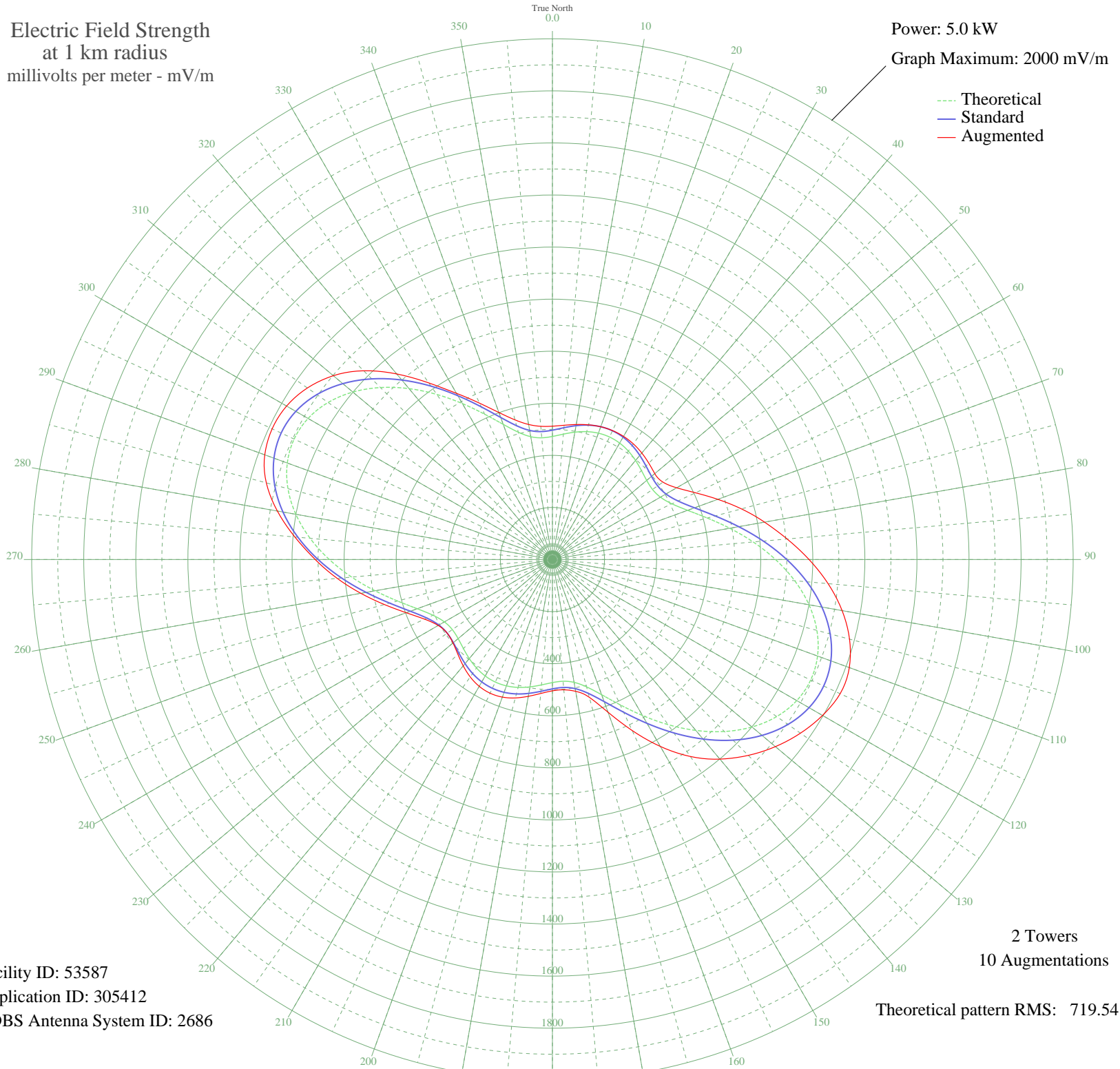
# WKRD LOUISVILLE, KY BL-- 790 kHz

Daytime

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

Power: 5.0 kW

Graph Maximum: 2000 mV/m



Facility ID: 53587  
Application ID: 305412  
CDBS Antenna System ID: 2686

2 Towers  
10 Augmentations  
Theoretical pattern RMS: 719.54

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	472.66	496.85	512.08
5	483.46	508.18	517.70
10	496.65	522.01	526.52
15	508.44	534.38	535.55
20	516.40	542.73	542.73
25	519.19	545.66	546.41
30	516.40	542.73	546.28
35	508.44	534.38	542.06
40	496.65	522.01	534.01
45	483.46	508.18	523.41
50	472.66	496.85	513.17
55	469.32	493.34	518.26
60	479.03	503.53	551.03
65	506.27	532.10	606.40
70	552.53	580.63	675.88
75	615.84	647.06	751.50
80	691.62	726.58	827.20
85	774.02	813.06	904.87
90	856.85	900.00	985.67
95	934.19	981.18	1062.76
100	1000.63	1050.92	1129.77
105	1051.62	1104.45	1181.34
110	1083.67	1138.10	1213.43
115	1094.60	1149.57	1219.34
120	1083.67	1138.10	1197.81
125	1051.62	1104.45	1162.87
130	1000.63	1050.92	1117.94
135	934.19	981.18	1063.82
140	856.85	900.00	1000.74
145	774.02	813.06	923.47
150	691.62	726.58	828.98
155	615.84	647.06	724.57
160	552.53	580.63	624.04
165	506.27	532.10	547.92
170	479.03	503.53	514.02
175	469.32	493.34	502.32

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	472.66	496.85	504.31
185	483.46	508.18	516.47
190	496.65	522.01	533.45
195	508.44	534.38	550.40
200	516.40	542.73	562.29
205	519.19	545.66	566.49
210	516.40	542.73	562.29
215	508.44	534.38	550.40
220	496.65	522.01	532.99
225	483.46	508.18	513.84
230	472.66	496.85	498.41
235	469.32	493.34	493.34
240	479.03	503.53	506.41
245	506.27	532.10	541.87
250	552.53	580.63	597.51
255	615.84	647.06	667.96
260	691.62	726.58	747.20
265	774.02	813.06	829.79
270	856.85	900.00	910.99
275	934.19	981.18	992.95
280	1000.63	1050.92	1072.78
285	1051.62	1104.45	1137.58
290	1083.67	1138.10	1175.71
295	1094.60	1149.57	1187.75
300	1083.67	1138.10	1178.91
305	1051.62	1104.45	1148.78
310	1000.63	1050.92	1098.43
315	934.19	981.18	1025.24
320	856.85	900.00	930.48
325	774.02	813.06	828.12
330	691.62	726.58	737.08
335	615.84	647.06	662.64
340	552.53	580.63	600.86
345	506.27	532.10	555.22
350	479.03	503.53	526.73
355	469.32	493.34	513.61