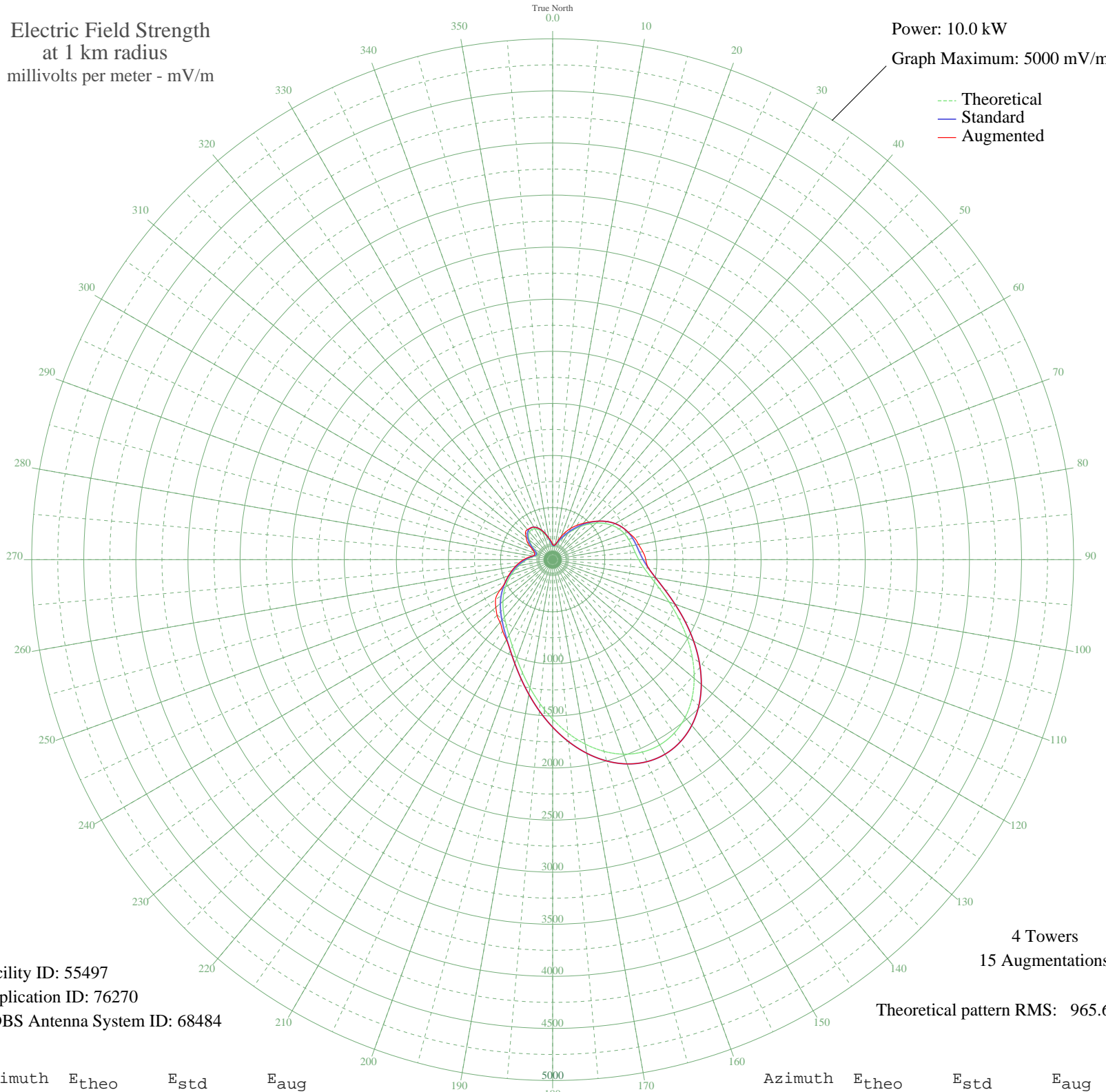


# WKJK LOUISVILLE, KY BL-19850220AG 1080 kHz

Daytime

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

Power: 10.0 kW  
Graph Maximum: 5000 mV/m



--- Theoretical  
— Standard  
— Augmented

Facility ID: 55497  
Application ID: 76270  
CDBS Antenna System ID: 68484

4 Towers  
15 Augmentations

Theoretical pattern RMS: 965.61

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	128.37	138.81	146.34
5	122.63	132.98	140.00
10	135.39	145.99	145.99
15	160.80	172.08	182.00
20	195.46	207.90	235.37
25	238.84	252.97	292.17
30	290.84	307.18	347.18
35	350.32	369.33	400.55
40	414.91	436.92	454.96
45	481.39	506.55	513.00
50	546.23	574.50	575.10
55	606.04	637.21	637.90
60	658.00	691.70	692.46
65	700.25	736.01	736.43
70	732.35	769.68	770.67
75	755.80	794.28	811.19
80	774.55	813.96	837.43
85	795.25	835.67	868.74
90	826.66	868.63	893.76
95	877.86	922.35	923.31
100	955.28	1003.59	1003.59
105	1060.42	1113.93	1113.93
110	1189.48	1249.40	1249.40
115	1334.91	1402.04	1402.04
120	1487.21	1561.93	1561.93
125	1636.49	1718.63	1718.63
130	1773.29	1862.25	1862.25
135	1889.27	1984.02	1984.02
140	1977.63	2076.78	2076.78
145	2033.40	2135.32	2135.32
150	2053.66	2156.60	2156.60
155	2037.72	2139.86	2139.86
160	1987.01	2086.63	2086.63
165	1905.05	2000.58	2000.58
170	1797.10	1887.25	1887.25
175	1669.88	1753.68	1753.68

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1531.00	1607.89	1607.89
185	1388.48	1458.28	1458.28
190	1250.02	1312.94	1312.94
195	1122.27	1178.85	1178.85
200	1010.02	1061.04	1061.04
205	915.49	961.84	961.84
210	838.03	880.55	888.03
215	774.51	813.91	836.54
220	720.41	757.16	785.36
225	671.14	705.48	755.09
230	623.09	655.08	711.94
235	574.16	603.79	669.26
240	523.82	551.01	582.19
245	472.71	497.45	500.74
250	422.21	444.56	451.67
255	373.83	393.92	405.39
260	328.65	346.68	361.81
265	286.97	303.14	320.05
270	248.36	262.89	278.91
275	212.52	225.60	238.00
280	180.73	192.65	199.58
285	158.03	169.22	180.82
290	153.23	164.28	184.44
295	171.56	183.17	204.75
300	207.48	220.36	245.29
305	250.58	265.19	297.73
310	291.99	308.39	331.63
315	325.28	343.16	369.05
320	346.03	364.84	377.27
325	351.70	370.77	370.77
330	341.66	360.27	360.27
335	317.11	334.62	334.62
340	280.99	296.91	296.91
345	237.72	251.81	251.81
350	193.01	205.36	209.30
355	153.87	164.94	180.25

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