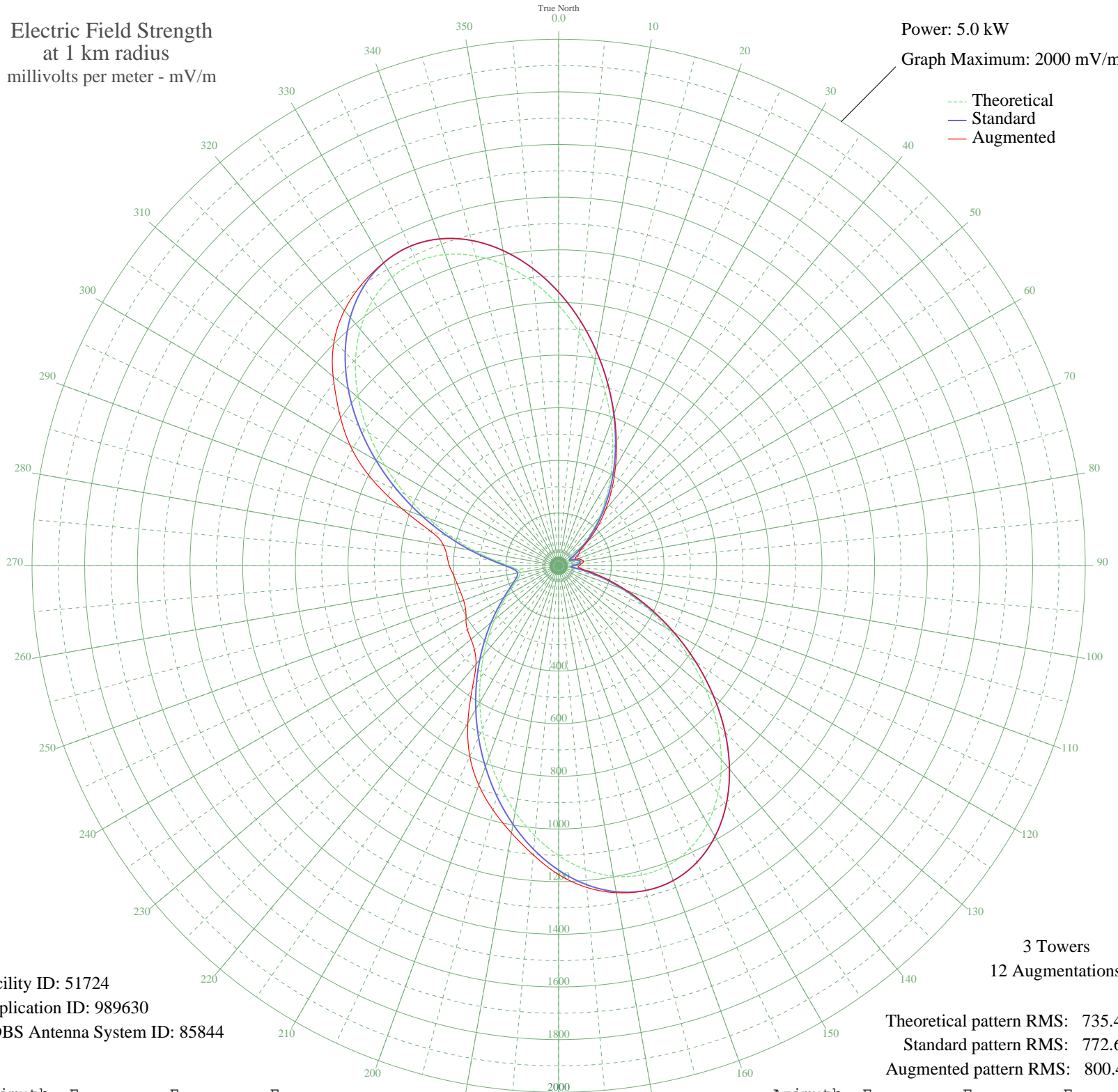


WKJG FORT WAYNE, IN BL-20040407ABL 1380 kHz

Daytime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 51724
Application ID: 989630
CDBS Antenna System ID: 85844

3 Towers
12 Augmentations
Theoretical pattern RMS: 735.47
Standard pattern RMS: 772.61
Augmented pattern RMS: 800.49

Azimuth	Etheo	Estd	Eaug
0	989.48	1039.23	1039.23
5	890.50	935.33	935.33
10	787.24	826.94	826.94
15	683.48	718.05	718.89
20	582.38	611.96	615.55
25	486.37	511.24	519.34
30	397.11	417.64	431.23
35	315.54	332.17	350.84
40	242.07	255.28	276.95
45	176.78	187.13	208.24
50	119.87	128.08	144.26
55	72.67	79.90	99.09
60	41.56	49.67	88.51
65	41.58	49.69	69.05
70	58.88	66.21	77.11
75	72.70	79.93	87.92
80	76.70	83.95	96.56
85	68.50	75.74	86.88
90	49.10	56.75	76.81
95	39.00	47.32	75.42
100	81.31	88.60	109.90
105	155.74	165.24	182.99
110	249.56	263.11	276.17
115	358.34	377.00	385.11
120	477.91	502.37	506.35
125	603.47	634.09	635.36
130	729.62	766.47	766.56
135	850.68	893.53	893.53
140	961.11	1009.45	1009.45
145	1055.91	1108.96	1108.96
150	1130.99	1187.78	1187.78
155	1183.48	1242.88	1242.88
160	1211.89	1272.71	1272.71
165	1216.12	1277.15	1277.26
170	1197.39	1257.49	1261.26
175	1158.03	1216.17	1226.84

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	1101.20	1156.50	1173.40
185	1030.56	1082.35	1102.58
190	949.99	997.77	1031.06
195	863.29	906.76	961.35
200	773.95	812.99	886.71
205	685.00	719.64	798.63
210	598.97	629.37	689.62
215	517.85	544.26	572.85
220	443.18	465.95	488.09
225	376.11	395.62	452.00
230	317.46	334.18	434.54
235	267.77	282.15	423.06
240	227.12	239.65	406.26
245	195.12	206.25	390.02
250	171.06	181.17	384.29
255	154.89	164.36	385.81
260	148.99	158.23	391.68
265	159.07	168.69	401.17
270	191.02	201.97	415.11
275	246.44	259.85	425.69
280	323.08	340.06	443.91
285	417.34	438.85	501.61
290	525.19	551.96	633.18
295	642.03	674.55	785.18
300	762.72	801.20	914.51
305	881.66	926.04	1017.53
310	993.11	1043.04	1118.01
315	1091.57	1146.40	1206.08
320	1172.16	1231.00	1265.86
325	1230.98	1292.75	1304.49
330	1265.44	1328.92	1329.27
335	1274.37	1338.29	1338.29
340	1258.06	1321.18	1321.18
345	1218.20	1279.33	1279.33
350	1157.61	1215.72	1215.72
355	1079.97	1134.22	1134.22