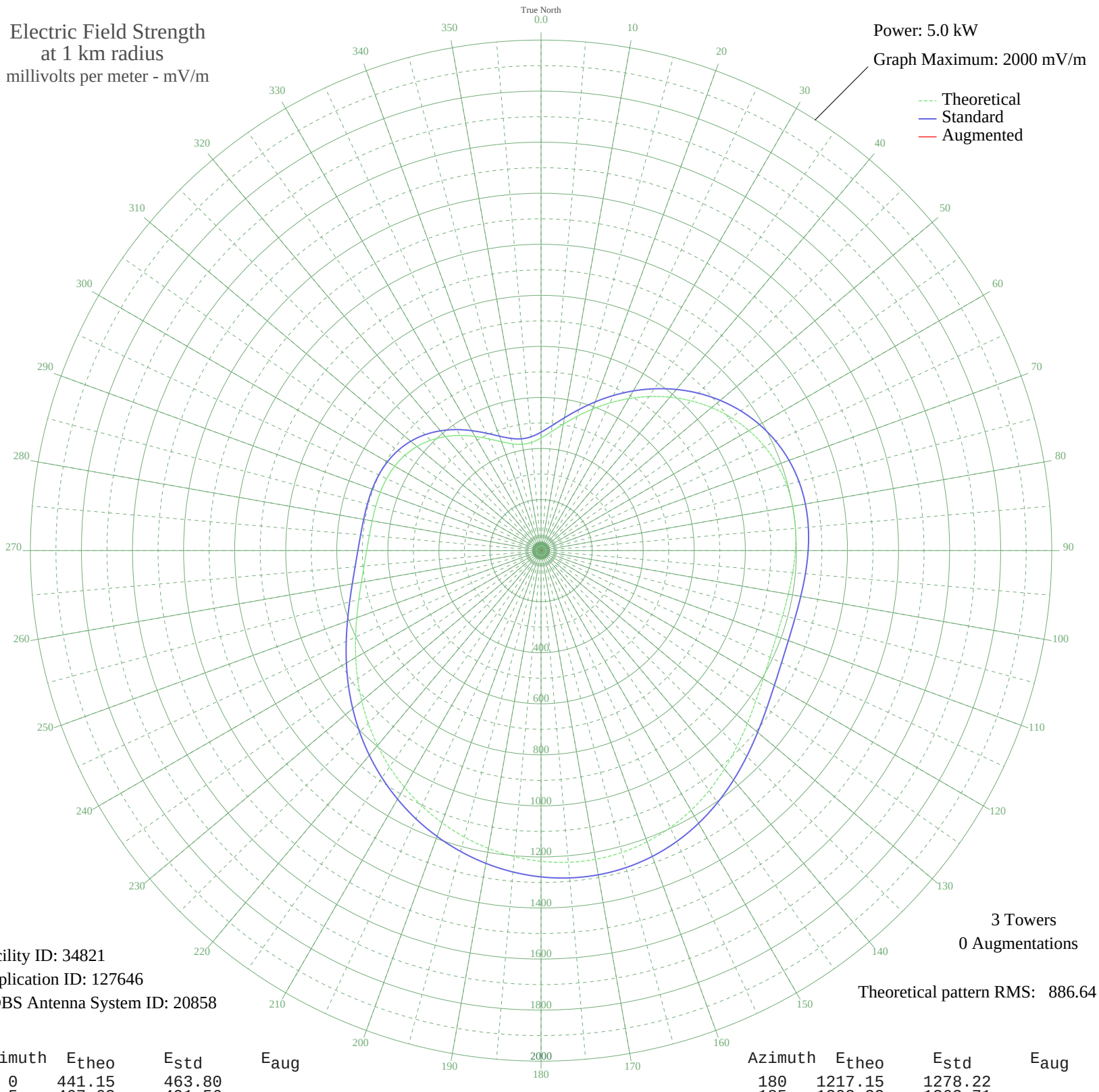
WFBL SYRACUSE, NY BL-19890413AC 1390 kHz

Daytime

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



Power: 5.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

3 Towers
0 Augmentations

Facility ID: 34821
Application ID: 127646
CDBS Antenna System ID: 20858

Theoretical pattern RMS: 886.64

Azimuth	E_{theo}	E_{std}	E_{aug}
0	441.15	463.80	
5	467.62	491.56	
10	502.79	528.45	
15	544.28	571.97	
20	590.00	619.94	
25	638.25	670.57	
30	687.59	722.35	
35	736.78	773.97	
40	784.63	824.20	
45	830.01	871.82	
50	871.79	915.68	
55	908.92	954.65	
60	940.46	987.76	
65	965.69	1014.24	
70	984.13	1033.61	
75	995.73	1045.78	
80	1000.86	1051.17	
85	1000.47	1050.75	
90	996.02	1046.08	
95	989.50	1039.24	
100	983.28	1032.72	
105	979.83	1029.09	
110	981.36	1030.70	
115	989.46	1039.20	
120	1004.77	1055.27	
125	1026.84	1078.44	
130	1054.30	1107.26	
135	1085.09	1139.58	
140	1116.88	1172.96	
145	1147.39	1204.99	
150	1174.65	1233.61	
155	1197.13	1257.21	
160	1213.82	1274.72	
165	1224.15	1285.57	
170	1228.00	1289.62	
175	1225.54	1287.03	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	1217.15	1278.22	
185	1203.32	1263.71	
190	1184.59	1244.04	
195	1161.46	1219.76	
200	1134.42	1191.37	
205	1103.92	1159.36	
210	1070.41	1124.17	
215	1034.35	1086.32	
220	996.28	1046.36	
225	956.84	1004.95	
230	916.75	962.87	
235	876.85	921.00	
240	838.10	880.32	
245	801.49	841.89	
250	768.08	806.82	
255	738.84	776.14	
260	714.62	750.72	
265	695.97	731.14	
270	682.97	717.51	
275	675.17	709.32	
280	671.48	705.45	
285	670.29	704.19	
290	669.61	703.48	
295	667.36	701.12	
300	661.63	695.10	
305	650.88	683.83	
310	634.21	666.33	
315	611.40	642.40	
320	583.06	612.66	
325	550.59	578.59	
330	516.20	542.52	
335	482.81	507.49	
340	453.85	477.13	
345	432.90	455.15	
350	422.96	444.73	
355	425.74	447.64	

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