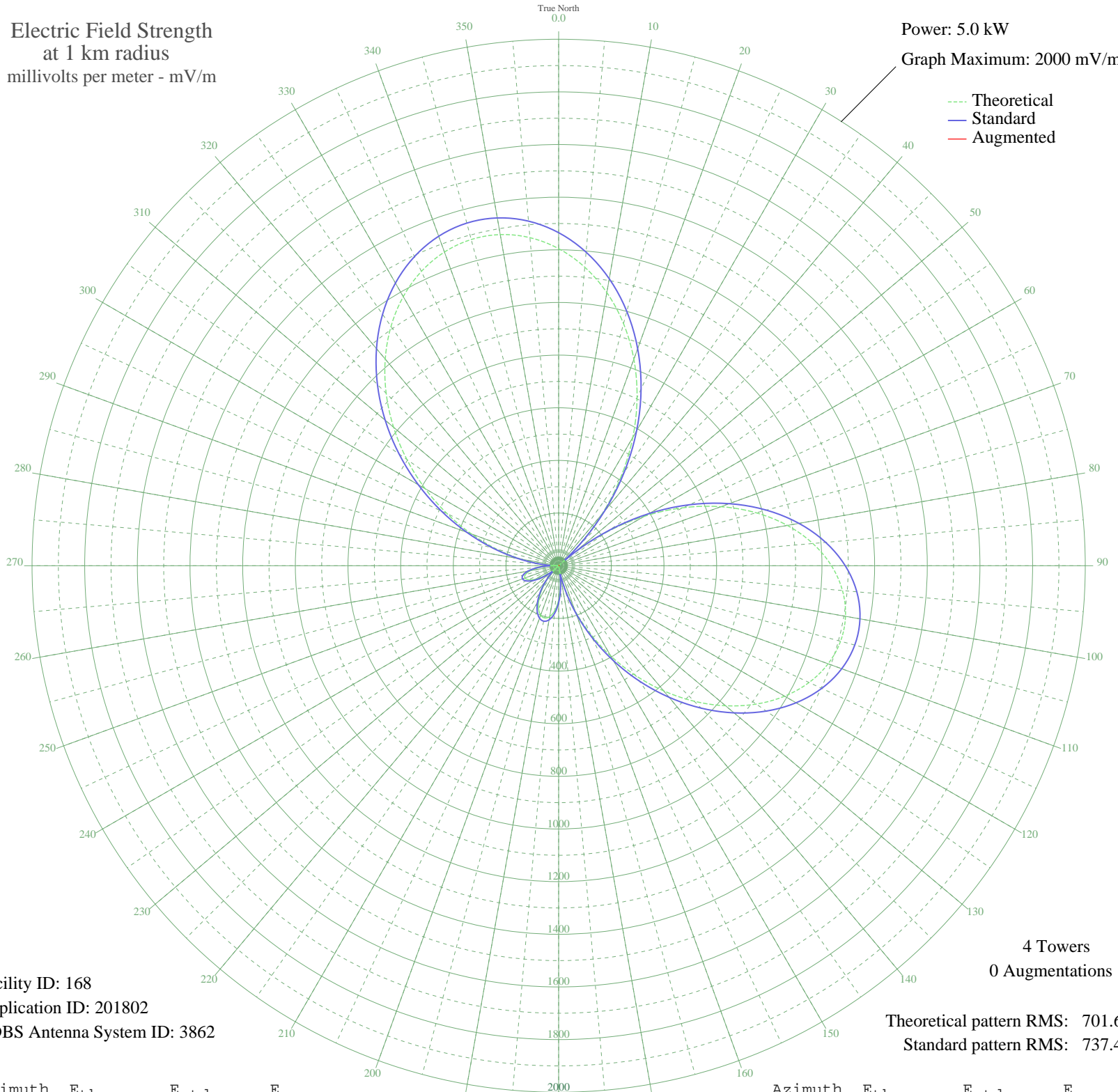


# WIBX UTICA, NY BL-19940822AB 950 kHz

Unlimited Time

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 168  
Application ID: 201802  
CDBS Antenna System ID: 3862

4 Towers  
0 Augmentations

Theoretical pattern RMS: 701.67  
Standard pattern RMS: 737.45

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1204.51	1265.14	
5	1138.38	1195.73	
10	1053.75	1106.90	
15	952.06	1000.18	
20	835.05	877.39	
25	704.71	740.64	
30	563.24	592.27	
35	413.04	434.88	
40	256.65	271.40	
45	96.76	106.56	
50	63.85	74.34	
55	222.31	235.63	
60	375.72	395.81	
65	521.16	548.16	
70	655.79	689.33	
75	776.92	816.40	
80	882.06	926.72	
85	969.07	1018.03	
90	1036.18	1088.47	
95	1082.16	1136.72	
100	1106.28	1162.04	
105	1108.44	1164.31	
110	1089.14	1144.05	
115	1049.48	1102.42	
120	991.13	1041.19	
125	916.28	962.63	
130	827.52	869.49	
135	727.83	764.90	
140	620.42	652.23	
145	508.64	535.04	
150	395.91	416.95	
155	285.57	301.57	
160	180.81	192.55	
165	84.56	94.43	
170	0.61	32.14	
175	72.59	82.71	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	129.76	139.99	
185	171.12	182.53	
190	196.28	208.58	
195	205.51	218.17	
200	199.75	212.18	
205	180.54	192.27	
210	150.01	160.76	
215	110.80	120.70	
220	65.93	76.32	
225	18.70	37.66	
230	27.45	43.17	
235	69.09	79.35	
240	102.95	112.77	
245	126.06	136.21	
250	135.90	146.27	
255	130.52	140.76	
260	108.62	118.49	
265	69.62	79.85	
270	13.68	35.20	
275	58.32	69.15	
280	144.79	155.39	
285	243.59	257.78	
290	352.03	371.03	
295	467.08	491.49	
300	585.44	615.56	
305	703.71	739.60	
310	818.48	860.00	
315	926.45	973.31	
320	1024.55	1076.26	
325	1109.99	1165.93	
330	1180.34	1239.78	
335	1233.59	1295.67	
340	1268.15	1331.95	
345	1282.93	1347.46	
350	1277.28	1341.53	
355	1251.04	1313.99	

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.

15 Feb 2012

Prepared by Audio Division, Media Bureau  
Federal Communications Commission