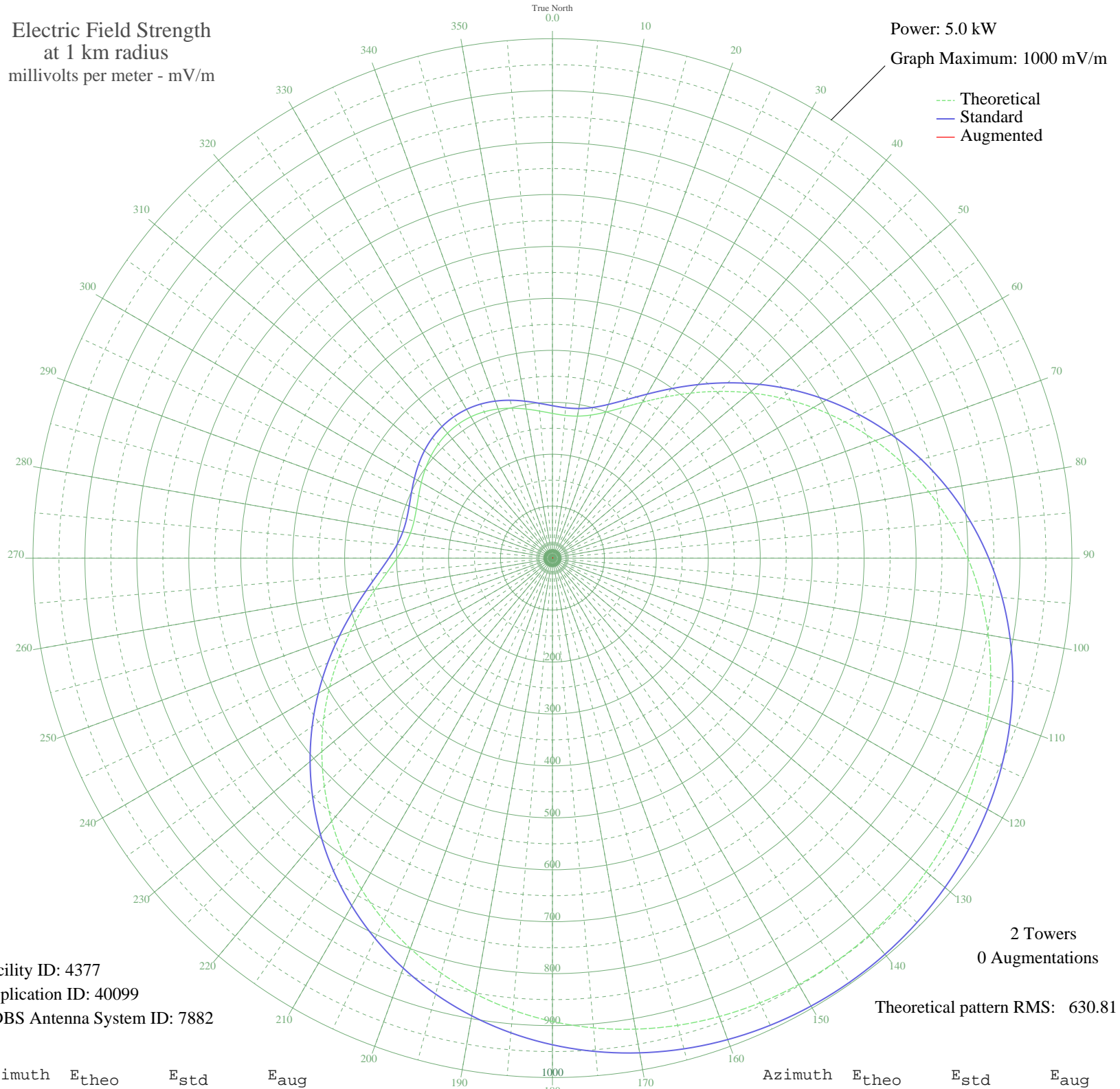


# WPMZ EAST PROVIDENCE, RI BL-19820315AJ 1110 kHz

Daytime

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

Power: 5.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 4377  
Application ID: 40099  
CDBS Antenna System ID: 7882

2 Towers  
0 Augmentations  
Theoretical pattern RMS: 630.81

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	278.58	293.45	
5	275.88	290.62	
10	277.62	292.45	
15	285.10	300.27	
20	299.08	314.91	
25	319.71	336.51	
30	346.49	364.58	
35	378.55	398.17	
40	414.76	436.13	
45	454.00	477.28	
50	495.19	520.48	
55	537.32	564.68	
60	579.54	608.97	
65	621.07	652.54	
70	661.27	694.73	
75	699.60	734.95	
80	735.64	772.78	
85	769.07	807.86	
90	799.66	839.97	
95	827.27	868.95	
100	851.86	894.76	
105	873.43	917.40	
110	892.04	936.93	
115	907.79	953.47	
120	920.81	967.14	
125	931.23	978.08	
130	939.18	986.42	
135	944.77	992.29	
140	948.09	995.77	
145	949.18	996.92	
150	948.09	995.77	
155	944.77	992.29	
160	939.18	986.42	
165	931.23	978.08	
170	920.81	967.14	
175	907.79	953.47	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	892.04	936.93	
185	873.43	917.40	
190	851.86	894.76	
195	827.27	868.95	
200	799.66	839.97	
205	769.07	807.86	
210	735.64	772.78	
215	699.60	734.95	
220	661.27	694.73	
225	621.07	652.54	
230	579.54	608.97	
235	537.32	564.68	
240	495.19	520.48	
245	454.00	477.28	
250	414.76	436.13	
255	378.55	398.17	
260	346.50	364.58	
265	319.71	336.51	
270	299.08	314.91	
275	285.10	300.27	
280	277.62	292.45	
285	275.88	290.62	
290	278.58	293.45	
295	284.24	299.38	
300	291.41	306.88	
305	298.84	314.65	
310	305.54	321.68	
315	310.81	327.19	
320	314.15	330.69	
325	315.29	331.89	
330	314.15	330.69	
335	310.81	327.19	
340	305.54	321.68	
345	298.84	314.65	
350	291.41	306.88	
355	284.24	299.38	

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.

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28 Sep 2008

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Prepared by Audio Division, Media Bureau  
Federal Communications Commission