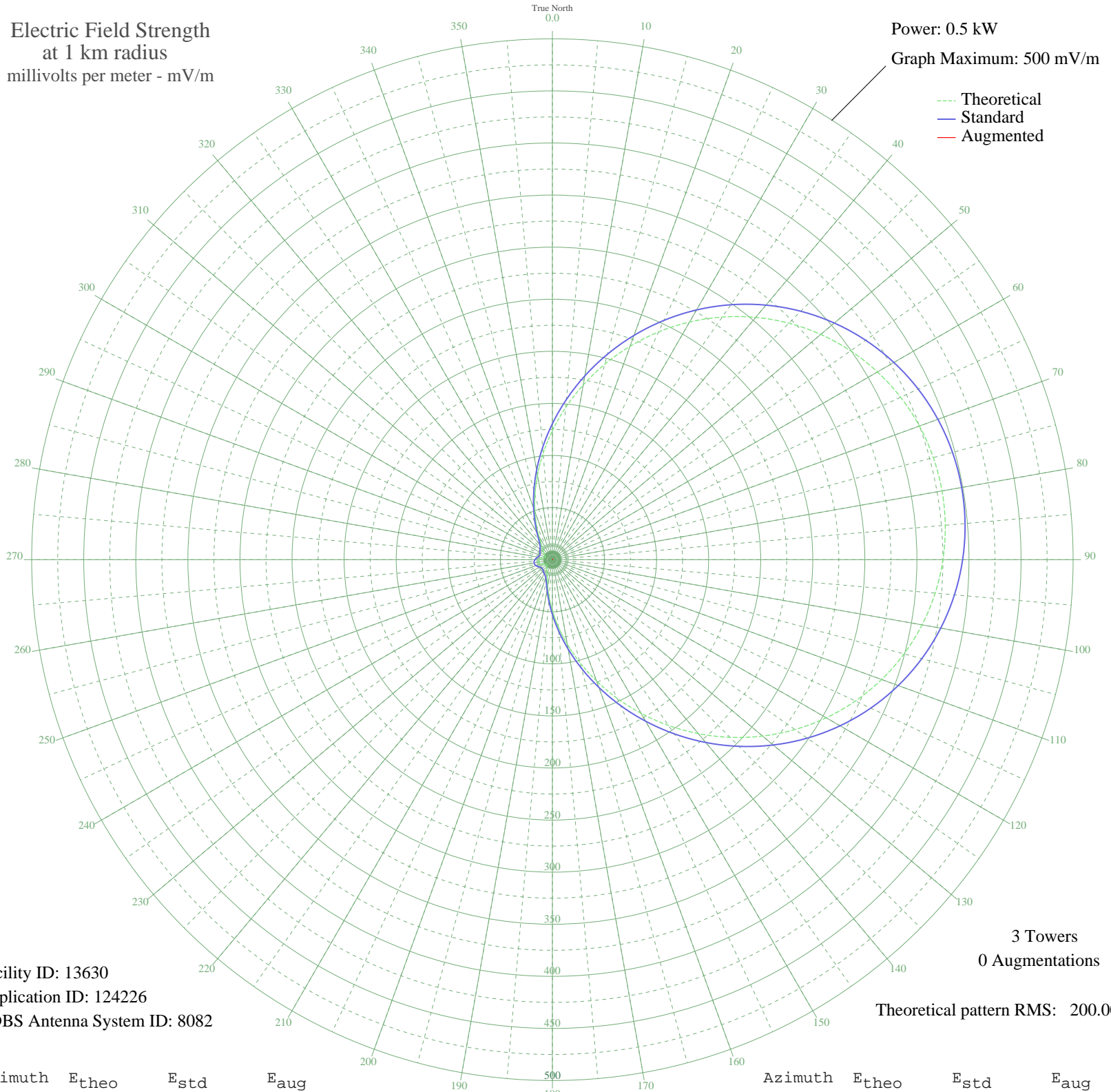


# WPRX BRISTOL, CT BL-19890216AG 1120 kHz

Nighttime

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

Power: 0.5 kW  
Graph Maximum: 500 mV/m



Facility ID: 13630  
Application ID: 124226  
CDBS Antenna System ID: 8082

3 Towers  
0 Augmentations

Theoretical pattern RMS: 200.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	123.89	130.51	
5	146.68	154.37	
10	170.26	179.09	
15	194.18	204.16	
20	217.96	229.10	
25	241.17	253.45	
30	263.42	276.79	
35	284.33	298.73	
40	303.62	318.98	
45	321.05	337.26	
50	336.41	353.39	
55	349.57	367.20	
60	360.43	378.60	
65	368.93	387.52	
70	375.02	393.91	
75	378.68	397.76	
80	379.90	399.04	
85	378.68	397.76	
90	375.02	393.91	
95	368.93	387.52	
100	360.43	378.60	
105	349.57	367.20	
110	336.41	353.39	
115	321.05	337.26	
120	303.62	318.98	
125	284.33	298.73	
130	263.42	276.79	
135	241.17	253.45	
140	217.96	229.10	
145	194.18	204.16	
150	170.26	179.09	
155	146.68	154.37	
160	123.89	130.51	
165	102.35	107.97	
170	82.47	87.22	
175	64.62	68.66	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	49.13	52.64	
185	36.23	39.47	
190	26.15	29.39	
195	18.97	22.52	
200	14.57	18.56	
205	12.27	16.62	
210	10.97	15.59	
215	9.82	14.72	
220	8.57	13.83	
225	7.45	13.09	
230	7.05	12.85	
235	7.75	13.28	
240	9.25	14.30	
245	10.96	15.58	
250	12.45	16.76	
255	13.43	17.58	
260	13.78	17.87	
265	13.43	17.58	
270	12.45	16.76	
275	10.96	15.58	
280	9.25	14.30	
285	7.75	13.28	
290	7.05	12.85	
295	7.45	13.09	
300	8.57	13.83	
305	9.82	14.72	
310	10.97	15.59	
315	12.27	16.62	
320	14.57	18.56	
325	18.97	22.52	
330	26.15	29.39	
335	36.23	39.47	
340	49.13	52.64	
345	64.62	68.66	
350	82.47	87.22	
355	102.35	107.97	

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission