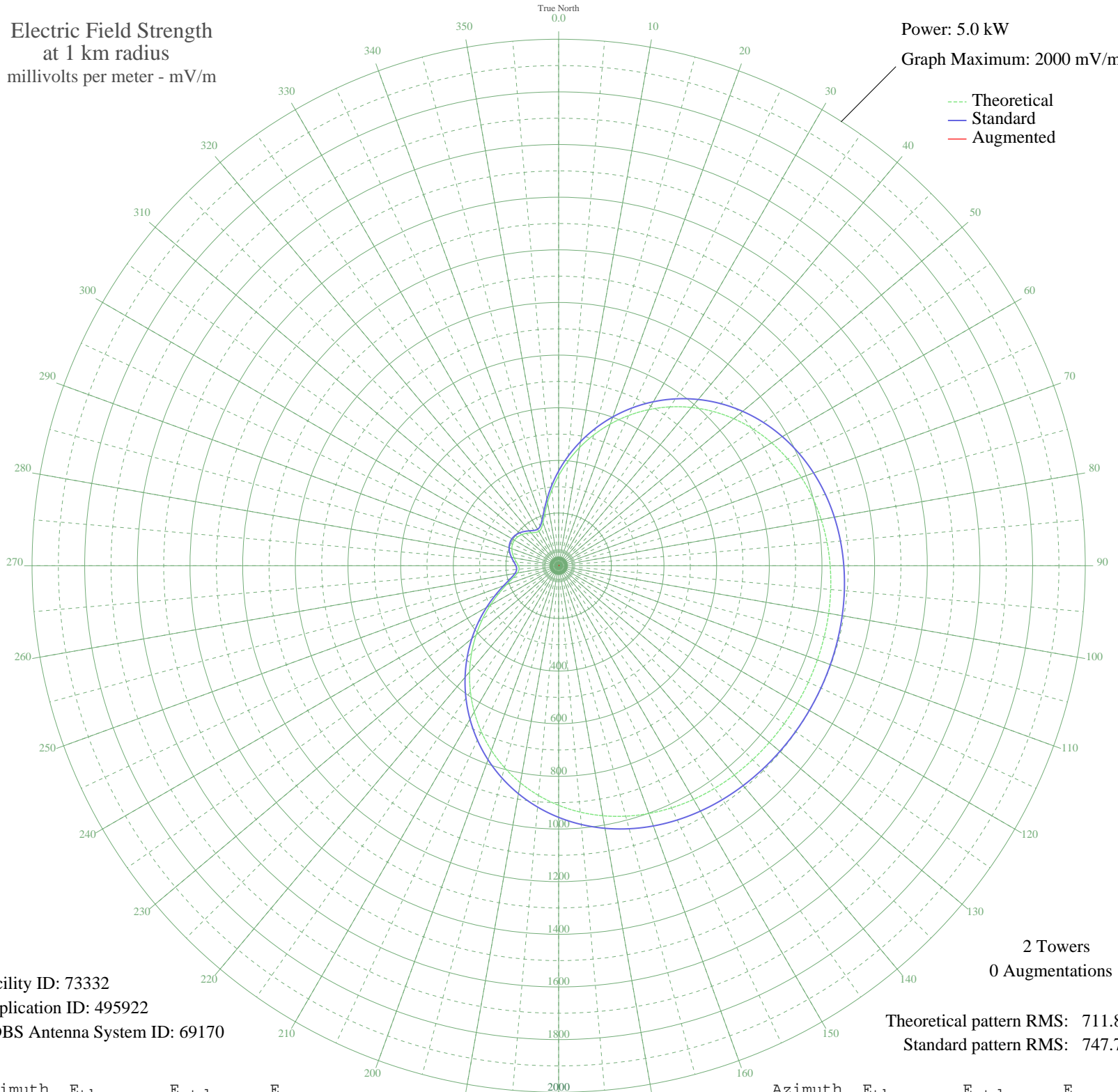


WNSW NEWARK, NJ BL-20000330ACA 1430 kHz

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 73332  
Application ID: 495922  
CDBS Antenna System ID: 69170

2 Towers  
0 Augmentations

Theoretical pattern RMS: 711.80  
Standard pattern RMS: 747.76

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	342.01	359.88	
5	397.71	418.25	
10	455.54	478.89	
15	514.23	540.46	
20	572.65	601.74	
25	629.77	661.68	
30	684.68	719.30	
35	736.59	773.78	
40	784.86	824.44	
45	828.99	870.76	
50	868.64	912.38	
55	903.64	949.11	
60	933.95	980.93	
65	959.70	1007.96	
70	981.12	1030.44	
75	998.54	1048.73	
80	1012.39	1063.27	
85	1023.12	1074.53	
90	1031.19	1083.01	
95	1037.09	1089.20	
100	1041.24	1093.55	
105	1044.01	1096.46	
110	1045.70	1098.24	
115	1046.53	1099.10	
120	1046.60	1099.18	
125	1045.93	1098.48	
130	1044.43	1096.90	
135	1041.89	1094.24	
140	1038.05	1090.20	
145	1032.53	1084.42	
150	1024.93	1076.43	
155	1014.77	1065.77	
160	1001.59	1051.93	
165	984.91	1034.42	
170	964.32	1012.81	
175	939.46	986.71	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	910.08	955.87	
185	876.02	920.12	
190	837.29	879.46	
195	794.03	834.06	
200	746.55	784.23	
205	695.32	730.47	
210	640.96	673.41	
215	584.21	613.87	
220	525.97	552.77	
225	467.25	491.17	
230	409.15	430.25	
235	352.92	371.30	
240	299.96	315.83	
245	251.94	265.58	
250	210.88	222.66	
255	179.12	189.53	
260	158.87	168.46	
265	150.83	160.10	
270	152.94	162.30	
275	161.23	170.91	
280	171.76	181.87	
285	181.69	192.21	
290	189.24	200.09	
295	193.44	204.47	
300	193.83	204.87	
305	190.37	201.27	
310	183.43	194.03	
315	173.87	184.06	
320	163.27	173.03	
325	154.25	163.65	
330	150.55	159.82	
335	156.31	165.80	
340	174.09	184.30	
345	203.70	215.17	
350	243.10	256.34	
355	289.91	305.30	

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