

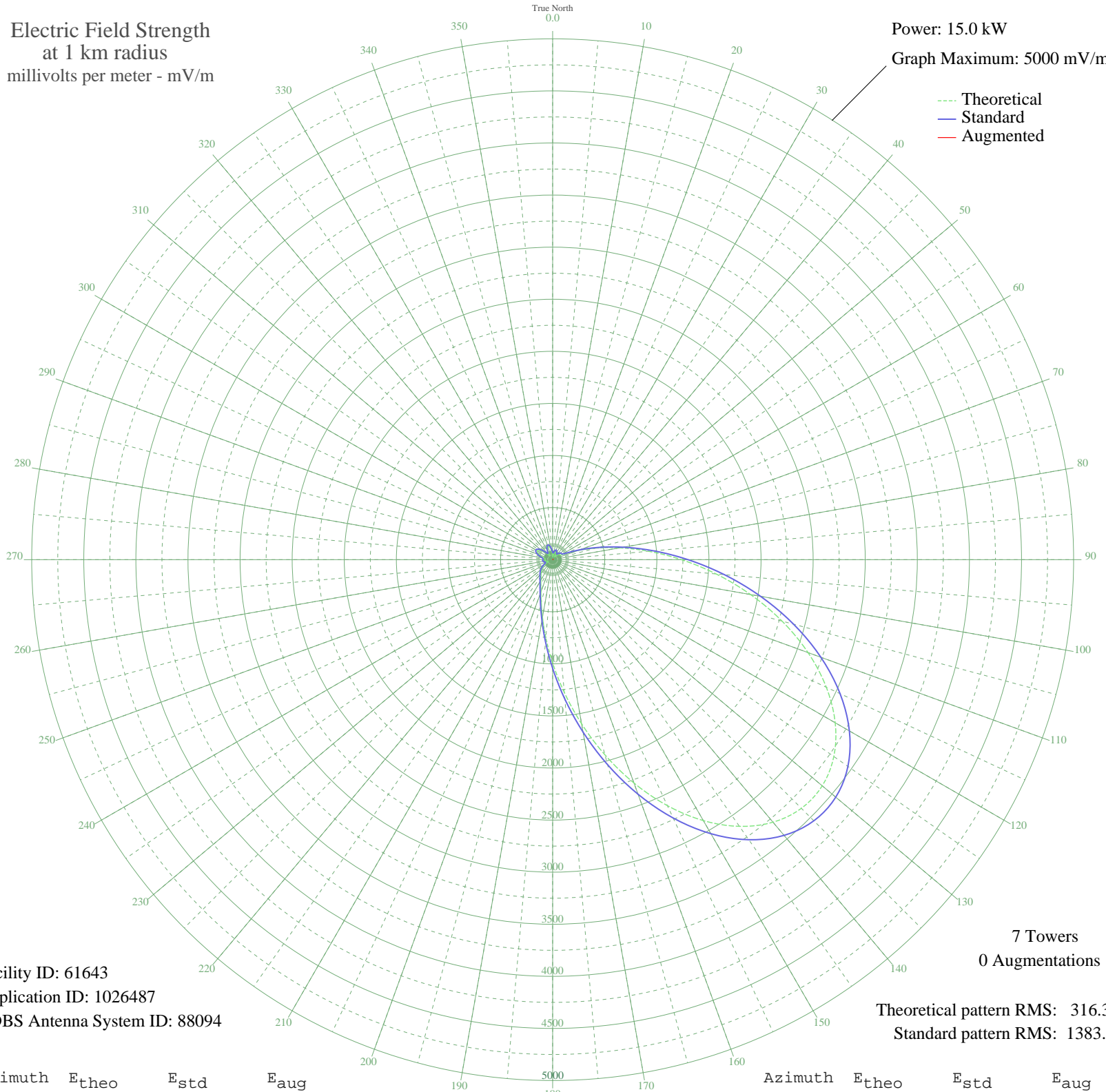
WSNR JERSEY CITY, NJ BMP-20040326ALI 620 kHz

Nighttime

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

Power: 15.0 kW  
Graph Maximum: 5000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 61643  
Application ID: 1026487  
CDBS Antenna System ID: 88094

7 Towers  
0 Augmentations

Theoretical pattern RMS: 316.30  
Standard pattern RMS: 1383.20

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	41.49	71.31	
5	26.79	63.07	
10	50.13	77.18	
15	70.97	93.48	
20	78.31	99.73	
25	70.72	93.28	
30	51.45	78.13	
35	32.34	65.88	
40	40.27	70.53	
45	63.54	87.39	
50	79.47	100.74	
55	82.31	103.23	
60	87.19	107.55	
65	139.06	156.54	
70	255.19	273.83	
75	428.06	453.00	
80	652.84	687.80	
85	924.62	972.49	
90	1235.80	1298.82	
95	1575.33	1655.06	
100	1928.84	2026.07	
105	2279.39	2394.02	
110	2608.61	2739.62	
115	2898.19	3043.63	
120	3131.38	3288.44	
125	3294.38	3459.56	
130	3377.48	3546.81	
135	3375.87	3545.12	
140	3289.96	3454.92	
145	3125.34	3282.09	
150	2892.36	3037.50	
155	2605.37	2736.23	
160	2281.64	2396.39	
165	1940.07	2037.85	
170	1599.80	1680.74	
175	1278.74	1343.86	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	992.12	1043.25	
185	751.19	790.76	
190	561.96	592.75	
195	423.99	448.75	
200	329.86	350.92	
205	267.40	286.39	
210	224.87	242.76	
215	194.62	212.01	
220	172.20	189.41	
225	153.28	170.56	
230	133.11	150.74	
235	108.34	127.00	
240	79.23	100.54	
245	52.06	78.57	
250	43.11	72.35	
255	56.45	81.85	
260	70.96	93.47	
265	76.26	97.97	
270	72.59	94.84	
275	69.32	92.11	
280	80.90	101.99	
285	107.95	126.63	
290	138.25	155.75	
295	160.94	178.16	
300	169.09	186.30	
305	159.48	176.71	
310	132.61	150.25	
315	93.05	112.84	
320	52.70	79.05	
325	48.23	75.83	
330	81.78	102.76	
335	112.81	131.21	
340	129.12	146.86	
345	127.50	145.29	
350	108.86	127.48	
355	77.45	98.99	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission