

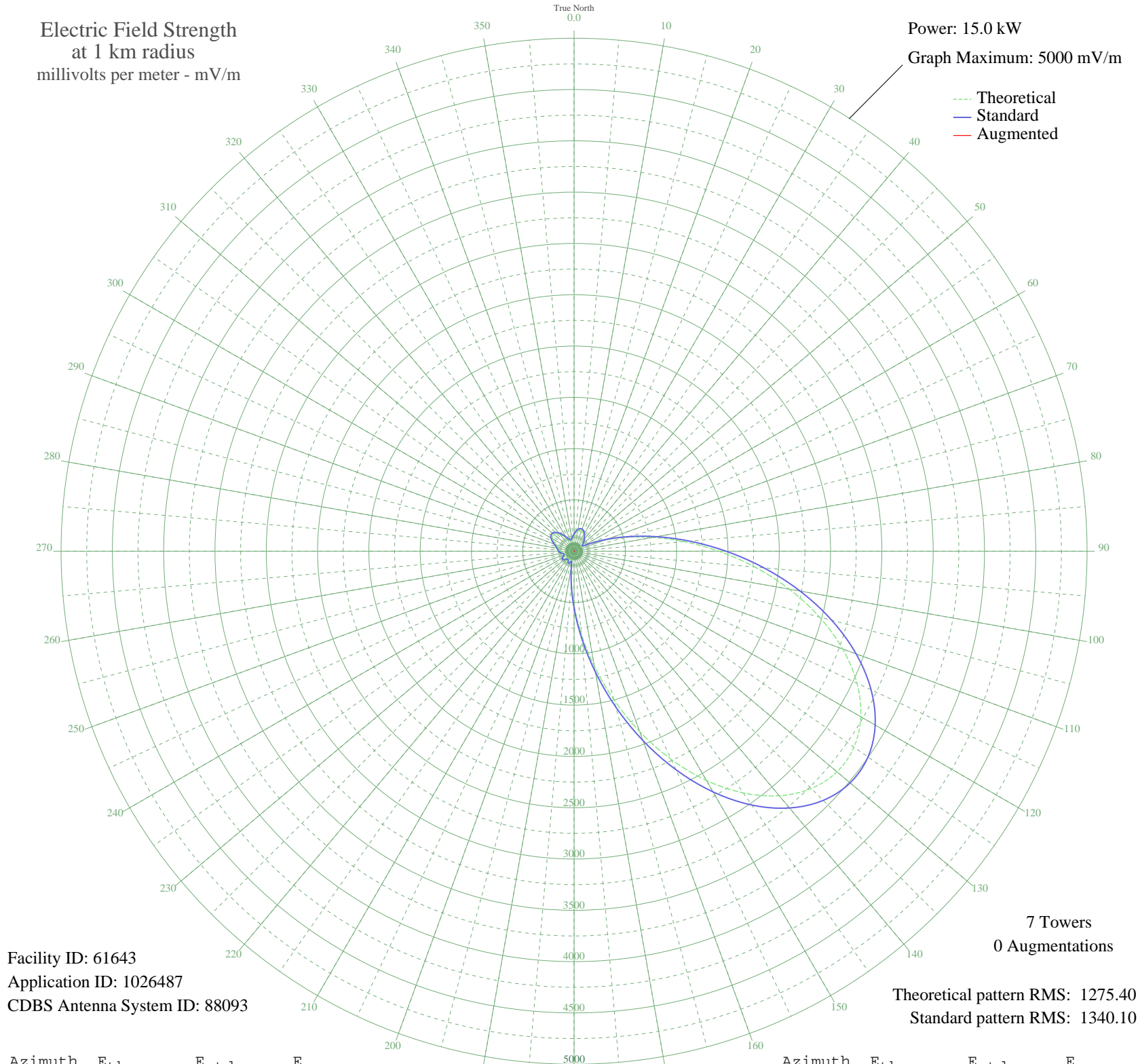
WSNR JERSEY CITY, NJ BMP-20040326ALI 620 kHz

Daytime

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: 88093

7 Towers  
0 Augmentations

Theoretical pattern RMS: 1275.40  
Standard pattern RMS: 1340.10

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	154.40	169.67	
5	179.45	194.96	
10	200.11	215.99	
15	212.44	228.60	
20	214.02	230.22	
25	204.61	220.59	
30	186.42	202.03	
35	163.63	178.95	
40	140.92	156.19	
45	120.43	135.99	
50	99.79	116.12	
55	78.81	96.70	
60	89.33	106.31	
65	173.25	188.67	
70	319.60	339.29	
75	521.24	549.59	
80	774.97	815.26	
85	1074.87	1129.73	
90	1410.80	1482.18	
95	1768.42	1857.52	
100	2130.06	2237.12	
105	2475.99	2600.27	
110	2786.13	2925.86	
115	3041.72	3194.19	
120	3226.94	3388.66	
125	3330.22	3497.09	
130	3345.06	3512.66	
135	3270.45	3434.33	
140	3110.86	3266.78	
145	2875.77	3019.97	
150	2578.94	2708.35	
155	2237.39	2349.79	
160	1870.19	1964.33	
165	1497.16	1572.82	
170	1137.55	1195.47	
175	808.67	850.58	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	525.01	553.53	
185	297.97	316.84	
190	139.65	154.93	
195	81.81	99.41	
200	102.86	119.02	
205	113.04	128.81	
210	101.16	117.42	
215	82.66	100.18	
220	80.13	97.89	
225	97.29	113.75	
230	115.88	131.56	
235	123.46	138.95	
240	117.03	132.68	
245	100.70	116.97	
250	85.55	102.82	
255	85.78	103.04	
260	102.00	118.21	
265	121.61	137.14	
270	136.12	151.44	
275	144.86	160.12	
280	153.09	168.35	
285	167.83	183.19	
290	191.38	207.09	
295	219.08	235.41	
300	243.21	260.23	
305	257.12	274.58	
310	257.04	274.49	
315	242.49	259.49	
320	215.99	232.24	
325	182.32	197.87	
330	147.65	162.90	
335	118.59	134.20	
340	101.16	117.42	
345	98.60	114.99	
350	109.46	125.35	
355	129.55	144.94	

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission