

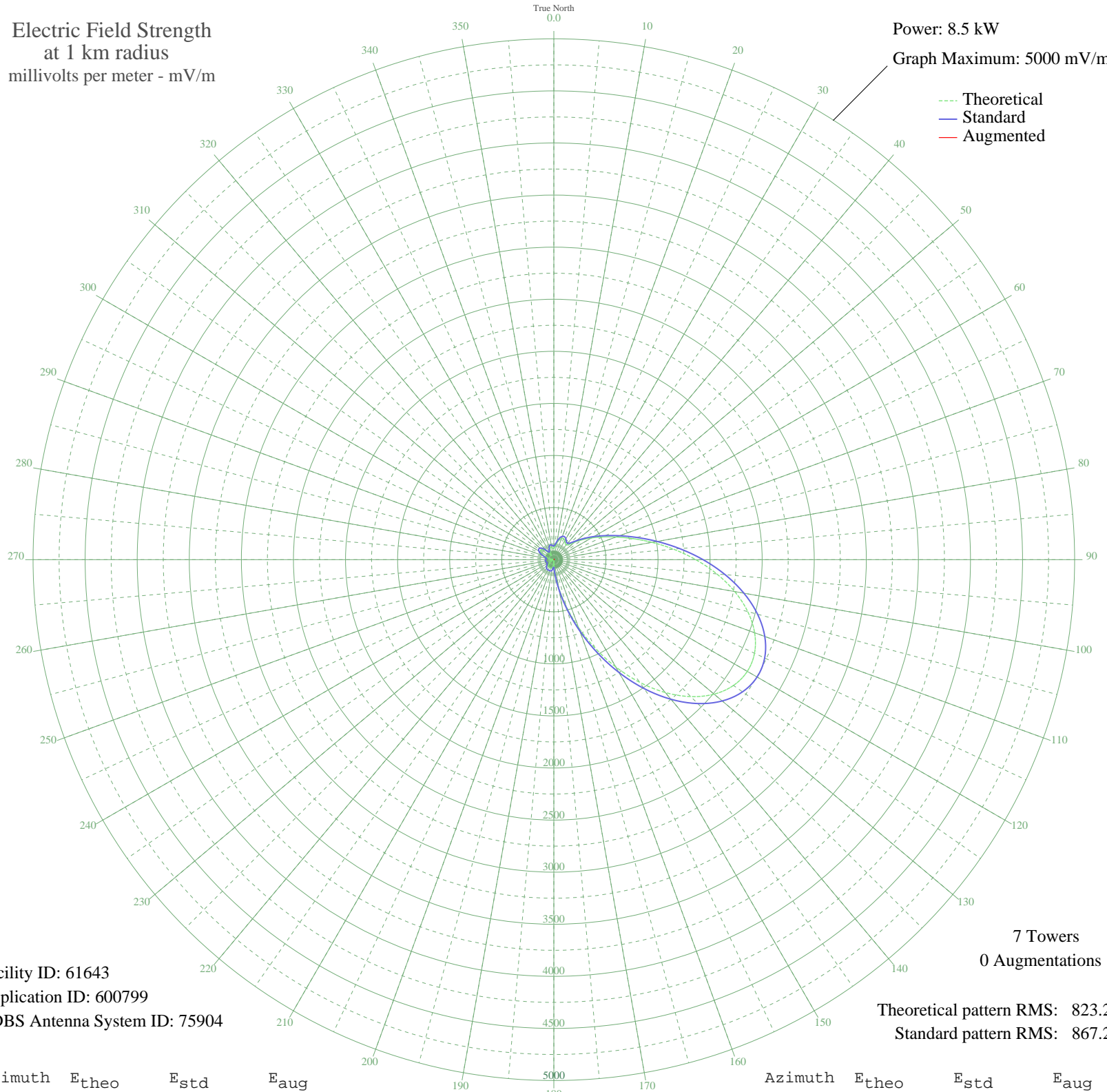
WSNR JERSEY CITY, NJ BMP-20011203AAM 620 kHz

Daytime

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

Power: 8.5 kW
Graph Maximum: 5000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 61643
Application ID: 600799
CDBS Antenna System ID: 75904

7 Towers
0 Augmentations

Theoretical pattern RMS: 823.20
Standard pattern RMS: 867.20

Azimuth	E _{theo}	E _{std}	E _{aug}
0	105.60	130.70	
5	123.37	146.86	
10	158.49	180.23	
15	193.88	215.01	
20	216.97	238.10	
25	221.94	243.10	
30	209.91	231.01	
35	190.58	211.73	
40	183.36	204.59	
45	207.07	228.17	
50	260.84	282.49	
55	332.70	356.13	
60	416.73	443.01	
65	515.35	545.53	
70	635.32	670.67	
75	782.34	824.36	
80	957.03	1007.27	
85	1153.96	1213.64	
90	1362.86	1432.68	
95	1570.67	1650.65	
100	1763.38	1852.84	
105	1927.58	2025.15	
110	2051.53	2155.22	
115	2126.01	2233.38	
120	2144.88	2253.18	
125	2105.45	2211.80	
130	2008.68	2110.25	
135	1859.17	1953.35	
140	1664.93	1749.54	
145	1437.01	1510.45	
150	1188.80	1250.15	
155	934.98	984.17	
160	690.37	728.19	
165	468.46	496.73	
170	280.03	302.06	
175	131.94	154.86	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	26.99	74.78	
185	40.80	81.39	
190	74.01	104.05	
195	85.25	113.14	
200	85.87	113.66	
205	84.99	112.92	
210	85.50	113.35	
215	84.92	112.87	
220	80.14	108.94	
225	70.20	101.10	
230	56.10	90.88	
235	39.60	80.73	
240	22.32	73.06	
245	7.96	69.70	
250	16.05	71.22	
255	30.06	76.05	
260	39.83	80.86	
265	42.20	82.17	
270	34.95	78.33	
275	17.92	71.71	
280	15.19	71.01	
285	48.17	85.71	
290	85.17	113.08	
295	119.23	143.04	
300	144.51	166.77	
305	156.18	177.99	
310	151.33	173.31	
315	129.77	152.83	
320	94.92	121.33	
325	56.67	91.26	
330	46.08	84.43	
335	75.32	105.08	
340	105.28	130.41	
345	121.33	144.98	
350	121.08	144.74	
355	110.44	135.04	

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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Prepared by Audio Division, Media Bureau
Federal Communications Commission