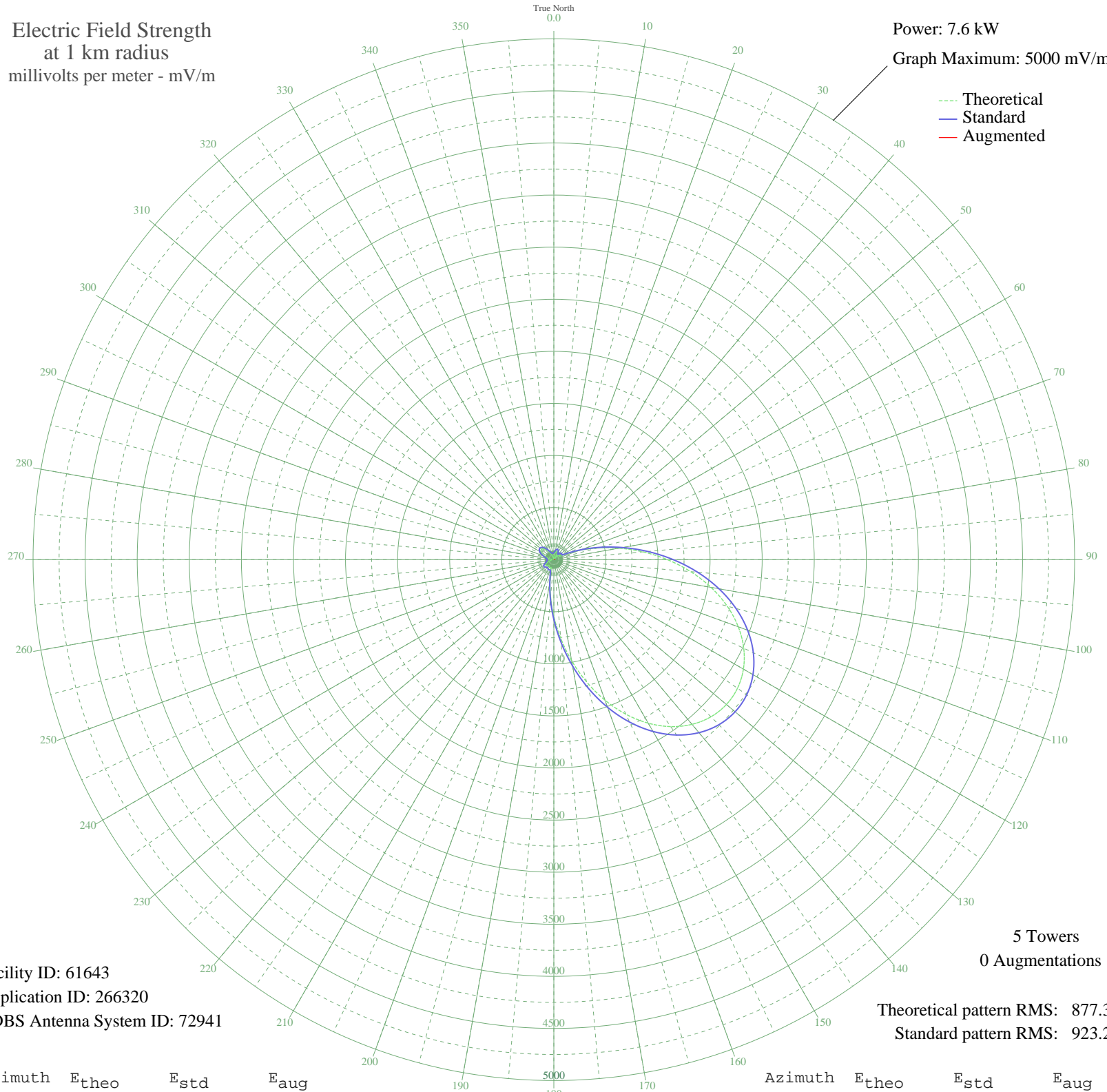


WSNR JERSEY CITY, NJ BL-19980427KB 620 kHz

Nighttime

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

Power: 7.6 kW
Graph Maximum: 5000 mV/m



--- Theoretical
— Standard
— Augmented

Facility ID: 61643
Application ID: 266320
CDBS Antenna System ID: 72941

5 Towers
0 Augmentations

Theoretical pattern RMS: 877.30
Standard pattern RMS: 923.24

Azimuth	E _{theo}	E _{std}	E _{aug}
0	24.82	67.14	
5	43.33	76.80	
10	63.10	90.66	
15	78.17	102.79	
20	83.07	106.94	
25	74.27	99.56	
30	51.48	82.16	
35	19.59	65.21	
40	24.71	67.10	
45	55.61	85.08	
50	71.80	97.54	
55	66.37	93.20	
60	61.82	89.68	
65	128.46	148.40	
70	258.36	278.25	
75	431.09	456.86	
80	635.17	669.79	
85	859.08	904.15	
90	1090.80	1147.02	
95	1318.70	1386.02	
100	1532.37	1610.18	
105	1723.21	1810.43	
110	1884.60	1979.80	
115	2011.81	2113.30	
120	2101.69	2207.64	
125	2152.38	2260.85	
130	2162.97	2271.96	
135	2133.29	2240.81	
140	2063.90	2167.97	
145	1956.18	2054.92	
150	1812.61	1904.25	
155	1637.11	1720.08	
160	1435.32	1508.36	
165	1214.85	1277.09	
170	985.21	1036.32	
175	757.48	797.76	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	543.60	574.13	
185	355.53	378.40	
190	204.91	223.88	
195	106.10	127.44	
200	77.48	102.21	
205	85.88	109.37	
210	85.90	109.38	
215	75.81	100.83	
220	69.87	95.98	
225	77.27	102.04	
230	89.39	112.42	
235	94.97	117.36	
240	89.54	112.56	
245	74.18	99.48	
250	53.48	83.56	
255	34.27	71.58	
260	23.94	66.79	
265	21.90	66.02	
270	19.11	65.05	
275	18.11	64.74	
280	33.08	70.96	
285	59.13	87.66	
290	88.48	111.63	
295	116.17	136.77	
300	138.28	157.83	
305	151.94	171.12	
310	155.44	174.55	
315	148.43	167.69	
320	131.87	151.66	
325	107.98	129.17	
330	79.97	104.31	
335	51.71	82.32	
340	27.22	68.16	
345	10.43	62.84	
350	6.85	62.30	
355	12.48	63.25	

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