

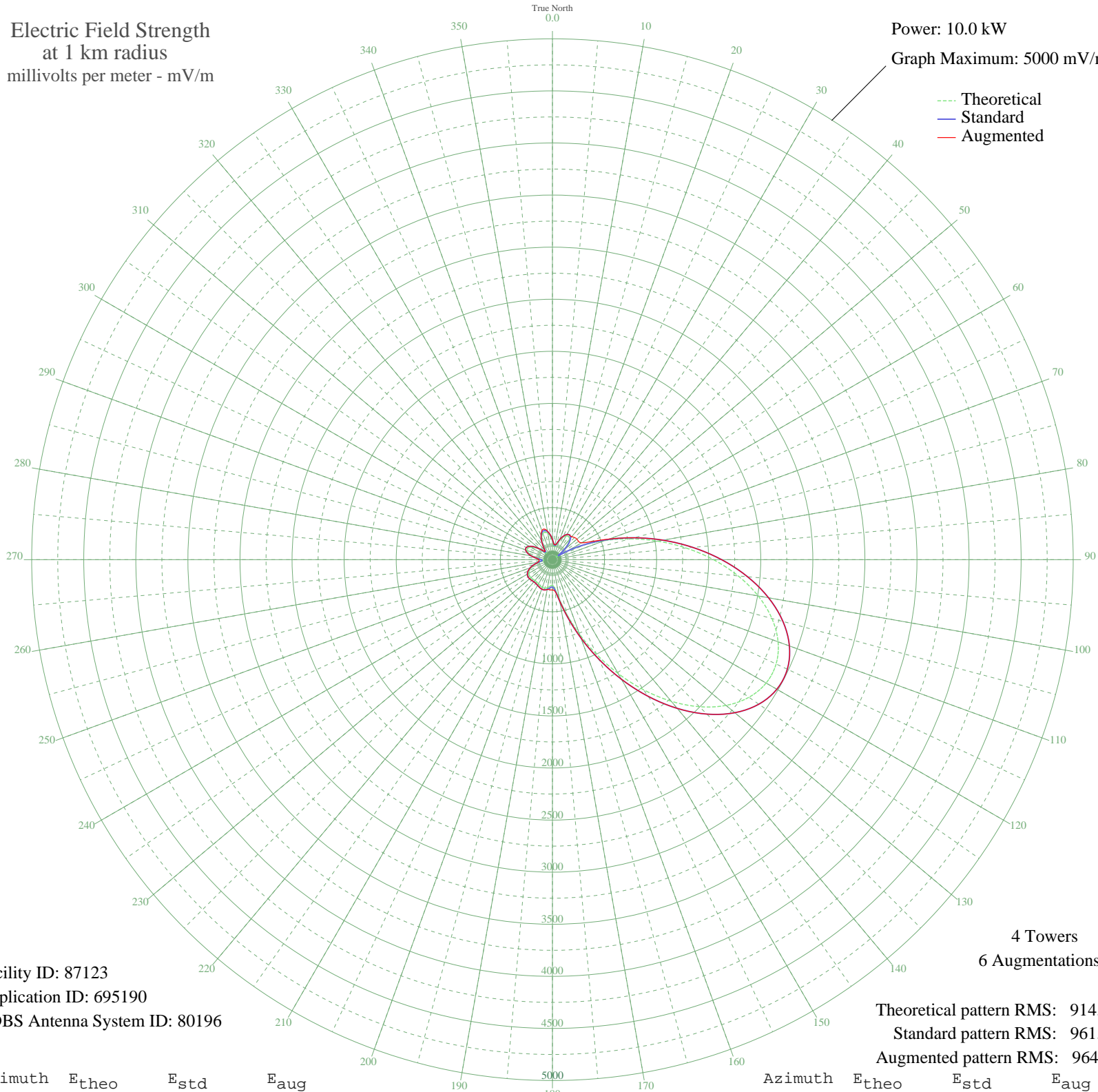
WWRU JERSEY CITY, NJ BL-20031001CGF 1660 kHz

Nighttime

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

Power: 10.0 kW
Graph Maximum: 5000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 87123
Application ID: 695190
CDBS Antenna System ID: 80196

4 Towers
6 Augmentations

Theoretical pattern RMS: 914.00
Standard pattern RMS: 961.00
Augmented pattern RMS: 964.00

Azimuth	E _{theo}	E _{std}	E _{aug}
0	179.37	193.46	193.46
5	137.68	151.18	151.41
10	122.69	136.20	146.12
15	147.54	161.11	161.11
20	191.78	206.17	206.17
25	234.08	249.73	249.73
30	262.78	279.44	279.44
35	270.79	287.75	287.75
40	253.11	269.42	288.64
45	206.26	221.04	300.19
50	128.98	142.47	306.83
55	44.20	64.11	305.80
60	147.93	161.50	323.88
65	325.78	344.92	408.97
70	536.03	564.56	578.30
75	771.69	811.48	811.57
80	1025.19	1077.36	1077.36
85	1287.10	1352.18	1352.18
90	1546.28	1624.20	1624.20
95	1790.31	1880.34	1880.34
100	2006.25	2107.02	2107.02
105	2181.63	2291.13	2291.13
110	2305.51	2421.19	2421.19
115	2369.58	2488.45	2488.45
120	2369.08	2487.93	2487.93
125	2303.44	2419.02	2419.02
130	2176.50	2285.76	2285.76
135	1996.28	2096.56	2096.56
140	1774.30	1863.54	1863.54
145	1524.55	1601.39	1601.39
150	1262.29	1326.14	1326.14
155	1002.88	1053.95	1053.95
160	760.95	800.22	800.22
165	550.34	579.55	579.55
170	385.30	406.98	406.98
175	281.70	299.08	308.22

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

Azimuth	E _{theo}	E _{std}	E _{aug}
180	246.41	262.48	290.81
185	255.10	271.48	290.20
190	273.12	290.17	290.84
195	283.63	301.08	301.08
200	283.73	301.18	301.18
205	276.63	293.81	293.81
210	267.60	284.44	284.44
215	261.52	278.14	278.14
220	260.85	277.44	277.44
225	264.59	281.32	281.32
230	269.04	285.94	285.94
235	269.48	286.39	286.39
240	261.69	278.31	278.31
245	242.74	258.69	258.69
250	211.52	226.46	226.46
255	169.23	183.11	183.11
260	121.16	134.69	141.83
265	84.16	98.82	128.84
270	93.19	107.38	129.56
275	140.07	153.58	154.85
280	191.77	206.16	206.16
285	233.42	249.05	249.05
290	257.61	274.08	274.08
295	260.31	276.89	276.89
300	240.41	256.28	256.28
305	200.01	214.61	214.61
310	145.47	159.02	159.70
315	93.29	107.48	115.50
320	87.67	102.13	111.65
325	136.88	150.38	151.91
330	194.47	208.93	208.93
335	240.62	256.49	257.43
340	267.89	284.74	295.84
345	273.41	290.47	304.56
350	257.59	274.07	278.45
355	223.87	239.19	239.19