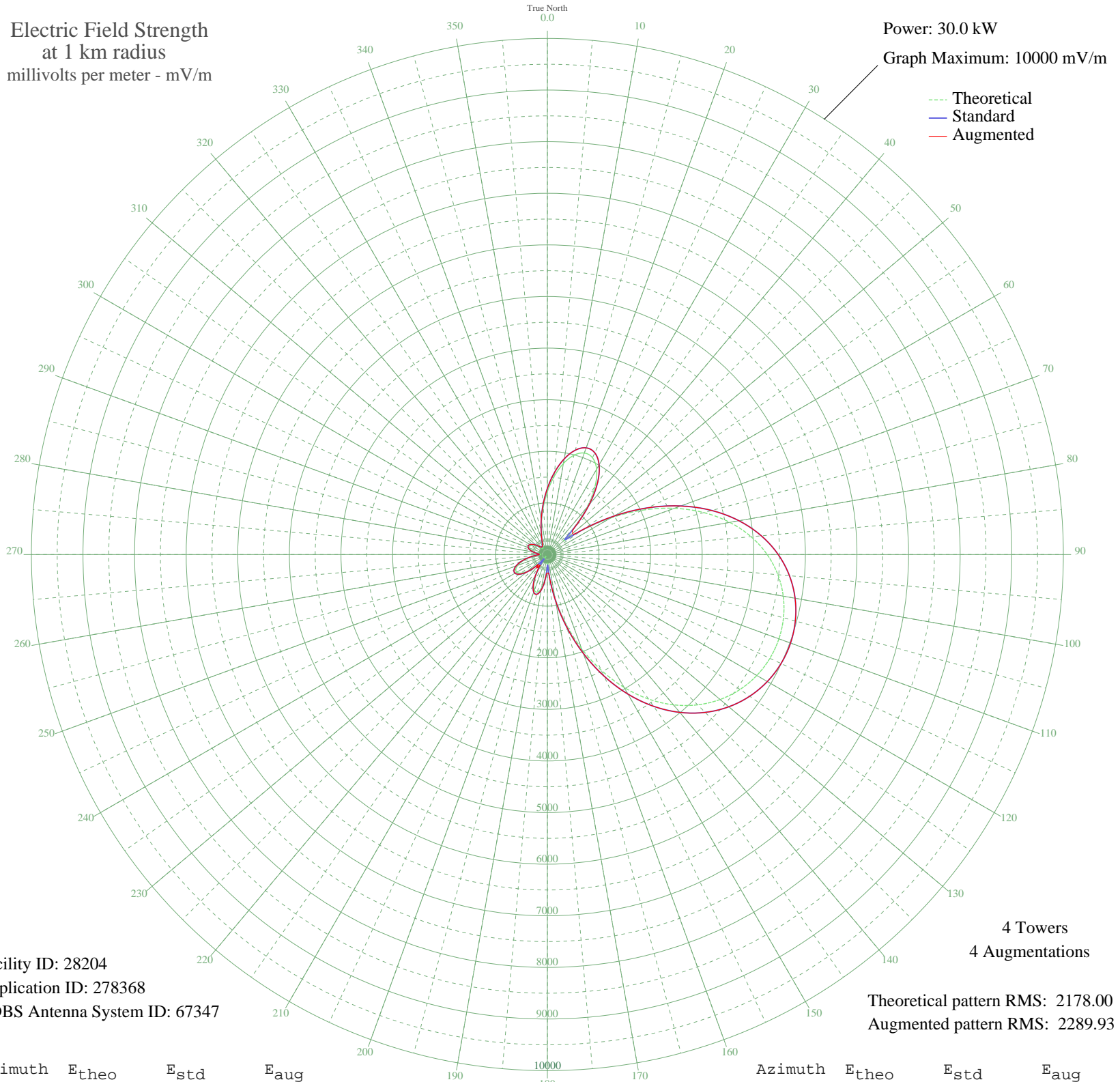


WLIB NEW YORK, NY BL-19981211AE 1190 kHz

Nighttime

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

Power: 30.0 kW  
Graph Maximum: 10000 mV/m



--- Theoretical  
— Standard  
— Augmented

Facility ID: 28204  
Application ID: 278368  
CDBS Antenna System ID: 67347

4 Towers  
4 Augmentations

Theoretical pattern RMS: 2178.00  
Augmented pattern RMS: 2289.93

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1216.93	1280.85	1280.85
5	1520.17	1598.64	1598.64
10	1790.56	1882.18	1882.18
15	1992.41	2093.92	2093.92
20	2093.56	2200.03	2200.03
25	2069.74	2175.04	2175.04
30	1908.28	2005.66	2005.66
35	1610.60	1693.46	1693.46
40	1195.06	1257.95	1257.95
45	711.85	752.70	756.43
50	411.95	441.56	647.51
55	803.43	848.26	848.26
60	1414.67	1488.06	1488.06
65	2035.38	2138.99	2138.99
70	2618.16	2750.50	2750.50
75	3140.45	3298.66	3298.66
80	3590.39	3770.95	3770.95
85	3963.44	4162.56	4162.56
90	4260.23	4474.12	4474.12
95	4484.61	4709.68	4709.68
100	4641.94	4874.85	4874.85
105	4737.55	4975.22	4975.22
110	4775.67	5015.23	5015.23
115	4758.66	4997.38	4997.38
120	4686.78	4921.92	4921.92
125	4558.30	4787.04	4787.04
130	4370.11	4589.48	4589.48
135	4118.67	4325.51	4325.51
140	3801.35	3992.41	3992.41
145	3418.01	3590.01	3590.01
150	2972.59	3122.48	3122.48
155	2474.46	2599.70	2599.70
160	1939.44	2038.34	2038.34
165	1389.93	1462.13	1462.13
170	855.04	902.17	902.17
175	376.81	405.48	416.22

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	187.50	215.97	360.82
185	453.84	484.74	484.74
190	661.93	700.67	700.67
195	755.03	797.74	797.74
200	732.84	774.58	774.58
205	610.32	646.96	646.96
210	412.96	442.60	442.60
215	173.85	202.98	250.29
220	91.17	130.56	315.66
225	316.59	344.07	344.07
230	502.37	534.91	534.91
235	627.52	664.85	664.85
240	684.66	724.35	724.35
245	675.38	714.69	714.69
250	608.50	645.06	645.06
255	497.96	530.35	530.35
260	361.28	389.59	389.59
265	220.69	248.15	248.15
270	123.71	157.34	157.34
275	159.58	189.63	189.63
280	249.75	276.86	276.86
285	324.17	351.76	351.76
290	368.35	396.82	396.82
295	379.51	408.25	408.25
300	359.78	388.06	388.06
305	315.09	342.55	342.55
310	255.28	282.37	282.37
315	194.99	223.16	223.16
320	153.97	184.44	186.13
325	146.66	177.76	184.40
330	165.27	194.93	194.93
335	204.56	232.41	232.41
340	285.58	312.72	312.72
345	431.86	462.06	462.06
350	646.27	684.36	684.36
355	915.59	965.46	965.46

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