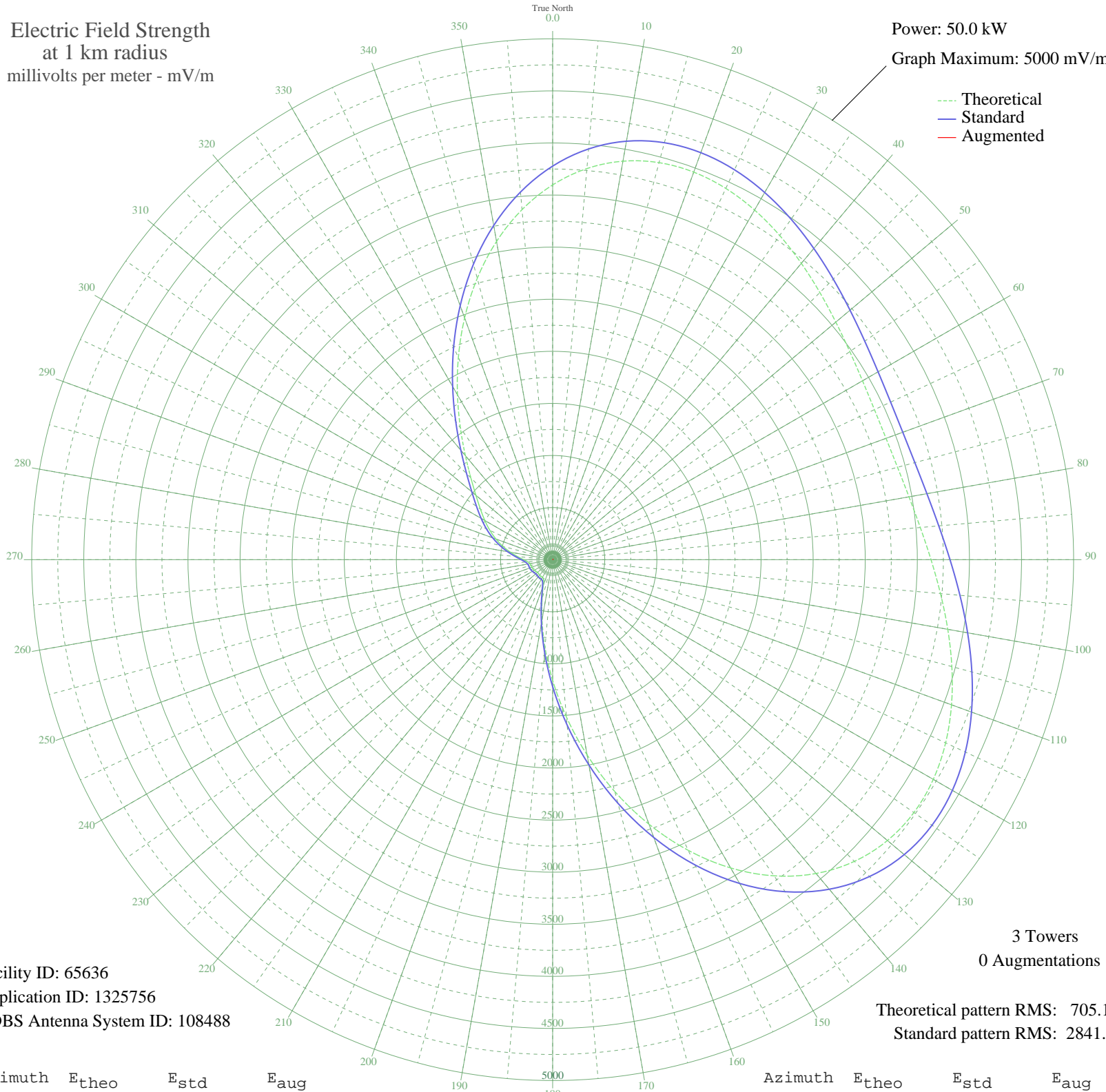


WEPN NEW YORK, NY BMML-20090716ADW 1050 kHz

Nighttime

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

Power: 50.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 65636  
Application ID: 1325756  
CDBS Antenna System ID: 108488

Theoretical pattern RMS: 705.16  
Standard pattern RMS: 2841.39

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	3597.53	3778.13	
5	3768.74	3957.87	
10	3884.15	4079.04	
15	3945.71	4143.66	
20	3959.00	4157.61	
25	3932.32	4129.61	
30	3875.57	4070.03	
35	3799.17	3989.82	
40	3713.22	3899.58	
45	3626.79	3808.85	
50	3547.59	3725.70	
55	3481.78	3656.63	
60	3434.06	3606.53	
65	3407.75	3578.91	
70	3404.98	3576.00	
75	3426.74	3598.85	
80	3472.90	3647.30	
85	3542.07	3719.91	
90	3631.40	3813.69	
95	3736.41	3923.93	
100	3850.80	4044.02	
105	3966.50	4165.48	
110	4073.75	4278.08	
115	4161.56	4370.27	
120	4218.31	4429.85	
125	4232.63	4444.88	
130	4194.40	4404.74	
135	4095.90	4301.34	
140	3932.83	4130.14	
145	3705.11	3891.07	
150	3417.33	3588.96	
155	3078.68	3233.47	
160	2702.41	2838.50	
165	2304.70	2421.08	
170	1903.29	1999.83	
175	1515.87	1593.39	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1158.66	1218.86	
185	845.32	890.68	
190	586.55	620.33	
195	390.73	416.93	
200	264.66	287.64	
205	207.28	229.96	
210	194.41	217.22	
215	194.02	216.83	
220	192.16	214.99	
225	189.11	211.99	
230	189.03	211.91	
235	193.82	216.63	
240	201.49	224.21	
245	208.40	231.07	
250	212.28	234.93	
255	214.38	237.03	
260	220.44	243.08	
265	239.36	262.07	
270	278.09	301.28	
275	336.97	361.53	
280	410.95	437.83	
285	493.40	523.37	
290	578.83	612.28	
295	664.39	701.55	
300	751.43	792.49	
305	846.60	892.03	
310	961.59	1012.40	
315	1110.16	1168.03	
320	1303.06	1370.22	
325	1543.70	1622.59	
330	1827.03	1919.81	
335	2141.16	2249.44	
340	2470.05	2594.62	
345	2796.05	2936.79	
350	3101.99	3257.93	
355	3372.94	3542.36	

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