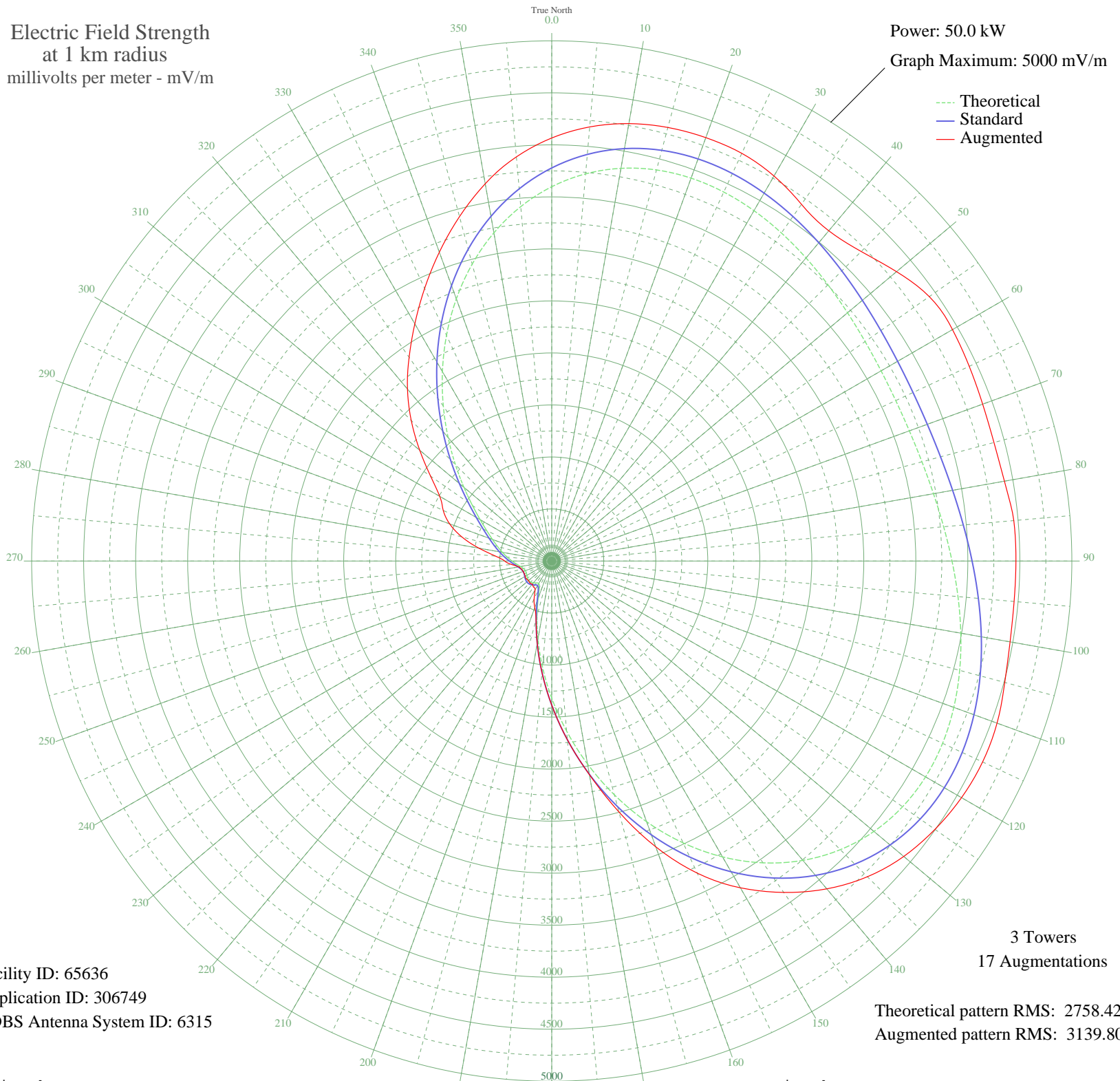


# WEPN NEW YORK, NY BL-- 1050 kHz

Unlimited Time

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: 306749  
CDBS Antenna System ID: 6315

3 Towers  
17 Augmentations

Theoretical pattern RMS: 2758.42  
Augmented pattern RMS: 3139.80

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	3597.72	3778.33	4066.14
5	3735.53	3923.01	4188.42
10	3832.68	4025.00	4269.17
15	3891.50	4086.75	4314.12
20	3916.36	4112.85	4330.68
25	3913.10	4109.43	4323.62
30	3888.44	4083.54	4273.17
35	3849.42	4042.57	4185.64
40	3802.92	3993.76	4143.53
45	3755.27	3943.74	4207.34
50	3712.01	3898.32	4326.92
55	3677.71	3862.31	4430.75
60	3655.89	3839.40	4448.58
65	3649.01	3832.18	4428.37
70	3658.46	3842.10	4408.53
75	3684.52	3869.46	4401.26
80	3726.34	3913.37	4419.04
85	3781.91	3971.70	4459.09
90	3848.02	4041.10	4462.57
95	3920.25	4116.93	4461.92
100	3993.05	4193.36	4474.14
105	4059.88	4263.52	4508.73
110	4113.39	4319.70	4555.71
115	4145.85	4353.78	4570.12
120	4149.56	4357.67	4548.85
125	4117.39	4323.90	4497.07
130	4043.43	4246.25	4417.54
135	3923.55	4120.40	4291.51
140	3755.93	3944.43	4113.35
145	3541.41	3719.22	3888.68
150	3283.68	3448.66	3626.79
155	2989.15	3139.48	3309.96
160	2666.59	2800.91	2923.04
165	2326.58	2444.03	2497.36
170	1980.66	2081.02	2084.64
175	1640.62	1724.25	1724.25

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.

13 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1317.65	1385.52	1385.52
185	1021.83	1075.49	1075.49
190	761.97	803.51	803.51
195	546.12	578.21	584.27
200	383.10	409.05	475.33
205	283.42	306.71	401.26
210	249.16	271.95	320.37
215	256.49	279.36	305.83
220	274.19	297.32	291.21
225	286.40	309.75	296.90
230	289.31	312.72	292.90
235	284.59	307.91	298.29
240	276.31	299.47	294.51
245	269.65	292.70	290.13
250	269.93	292.99	292.90
255	281.13	304.38	300.89
260	304.56	328.29	321.87
265	338.82	363.43	386.51
270	381.20	407.08	452.23
275	429.19	456.72	542.56
280	481.64	511.14	710.59
285	539.55	571.38	894.44
290	606.58	641.22	1044.77
295	688.98	727.23	1151.07
300	794.57	837.59	1243.61
305	930.68	980.03	1421.78
310	1102.04	1159.52	1656.93
315	1309.52	1377.00	1910.25
320	1550.03	1629.22	2157.67
325	1817.11	1909.41	2390.32
330	2101.83	2208.17	2632.59
335	2393.70	2514.48	2891.42
340	2681.58	2816.64	3159.33
345	2954.63	3103.25	3426.85
350	3203.16	3364.14	3682.21
355	3419.34	3591.07	3899.53