WOR NEW YORK, NY BL-19890420AG 710 kHz

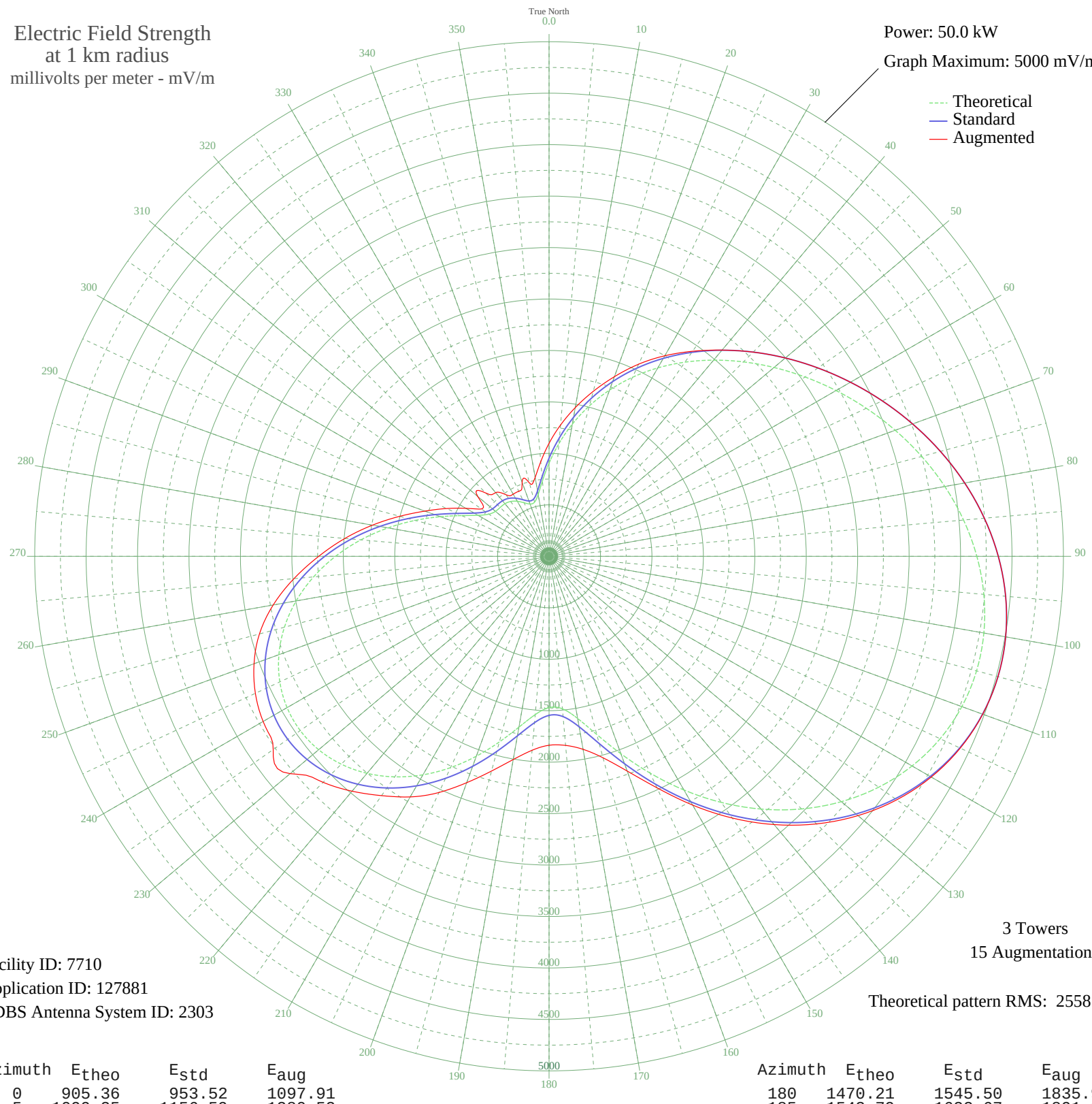
Unlimited Time

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

Power: 50.0 kW

Graph Maximum: 5000 mV/m

Theoretical
Standard
Augmented



3 Towers
15 Augmentations

Facility ID: 7710
Application ID: 127881
CDBS Antenna System ID: 2303

Theoretical pattern RMS: 2558.86

Azimuth	E_{theo}	E_{std}	E_{aug}
0	905.36	953.52	1097.91
5	1099.25	1156.59	1280.52
10	1304.72	1371.96	1467.45
15	1513.02	1590.41	1659.25
20	1718.82	1806.29	1857.48
25	1919.37	2016.70	2059.96
30	2113.89	2220.82	2250.22
35	2303.05	2419.34	2432.22
40	2488.39	2613.86	2615.75
45	2671.73	2806.30	2806.30
50	2854.63	2998.28	2998.28
55	3037.91	3190.67	3190.67
60	3221.27	3383.15	3383.15
65	3403.19	3574.12	3574.12
70	3580.84	3760.61	3760.61
75	3750.28	3938.49	3938.49
80	3906.67	4102.67	4102.67
85	4044.58	4247.46	4247.46
90	4158.35	4366.90	4366.90
95	4242.44	4455.18	4455.18
100	4291.77	4506.97	4506.97
105	4302.07	4517.78	4517.83
110	4270.18	4484.31	4486.02
115	4194.34	4404.68	4410.26
120	4074.32	4278.68	4289.84
125	3911.55	4107.80	4125.62
130	3709.16	3895.32	3920.05
135	3471.88	3646.23	3677.23
140	3206.03	3367.15	3402.89
145	2919.45	3066.32	3104.48
150	2621.66	2753.74	2791.38
155	2324.26	2441.60	2481.90
160	2041.74	2145.11	2220.45
165	1792.62	1883.71	2026.76
170	1599.81	1681.44	1904.42
175	1487.33	1563.46	1844.40

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.

21 Feb 2008

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E_{theo}	E_{std}	E_{aug}
180	1470.21	1545.50	1835.94
185	1543.79	1622.67	1891.84
190	1685.55	1771.39	2005.02
195	1867.81	1962.61	2159.96
200	2066.98	2171.60	2340.96
205	2265.70	2380.15	2532.42
210	2451.69	2575.35	2699.78
215	2616.15	2747.96	2839.02
220	2752.65	2891.24	2979.45
225	2856.38	3000.12	3105.98
230	2923.79	3070.88	3285.54
235	2952.37	3100.88	3273.68
240	2940.58	3088.51	3209.47
245	2887.90	3033.21	3150.01
250	2794.88	2935.57	3051.87
255	2663.28	2797.43	2914.64
260	2496.20	2622.06	2723.06
265	2298.22	2414.27	2489.68
270	2075.54	2180.58	2239.19
275	1836.09	1929.32	1992.60
280	1589.66	1670.79	1743.48
285	1348.04	1417.38	1502.39
290	1125.11	1183.70	1284.27
295	936.48	986.10	1098.67
300	797.00	840.14	931.82
305	714.12	753.49	801.78
310	679.71	717.55	905.84
315	671.85	709.34	869.49
320	667.15	704.43	807.89
325	650.41	686.96	730.63
330	617.17	652.27	697.43
335	574.16	607.42	697.54
340	540.38	572.24	765.72
345	544.73	576.77	738.16
350	610.29	645.09	778.76
355	736.32	776.69	923.40