

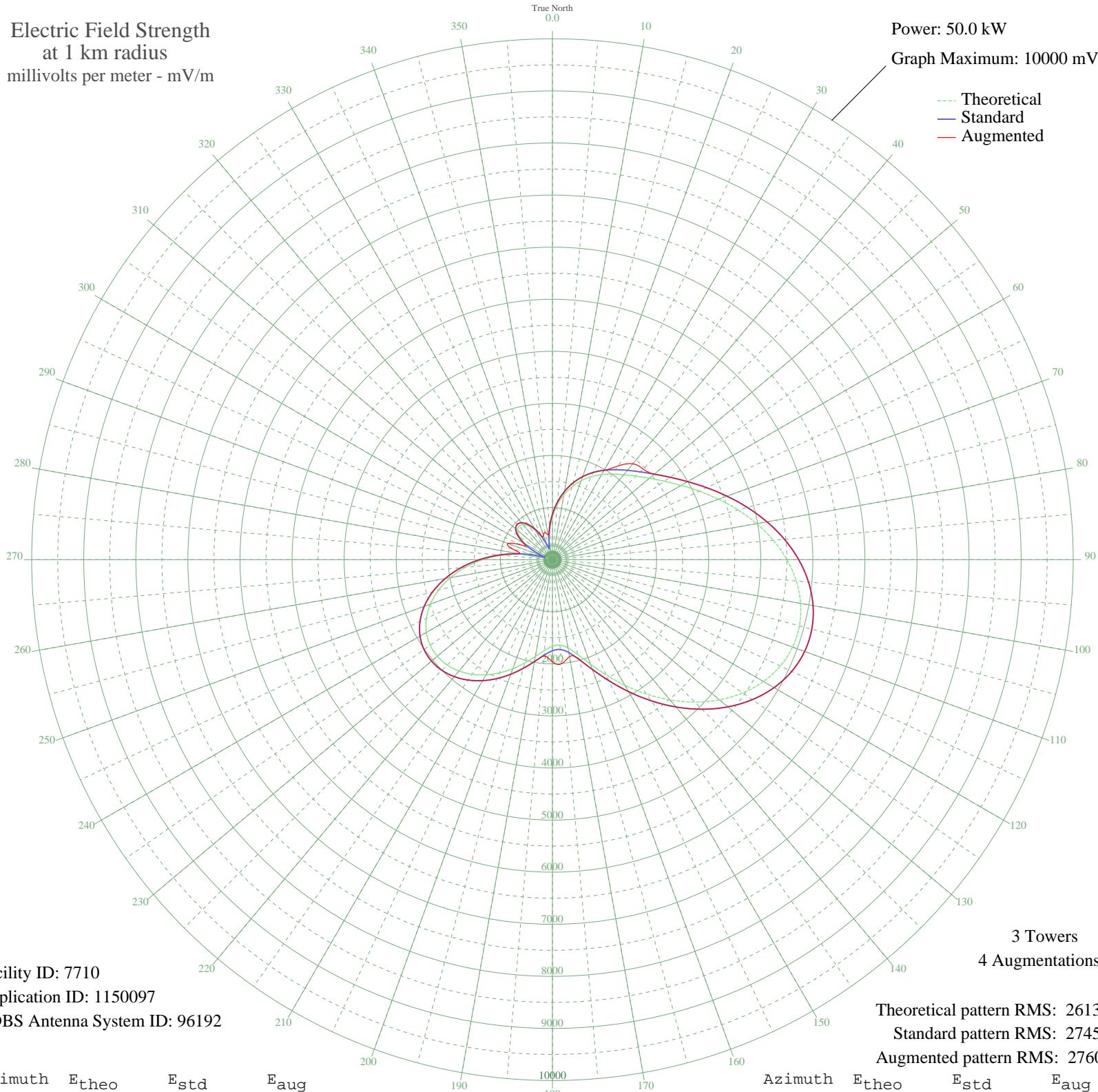
**WOR NEW YORK, NY BL-20060912AFB 710 kHz**

**Nighttime**

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

Power: 50.0 kW  
Graph Maximum: 10000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 7710  
Application ID: 1150097  
CDBS Antenna System ID: 96192

3 Towers  
4 Augmentations

Theoretical pattern RMS: 2613.00  
Standard pattern RMS: 2745.00  
Augmented pattern RMS: 2760.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	826.62	872.66	872.66
5	1053.84	1110.22	1110.22
10	1262.43	1328.64	1328.64
15	1448.89	1524.03	1524.03
20	1612.70	1695.75	1695.75
25	1756.22	1846.25	1846.25
30	1884.68	1980.98	1980.98
35	2006.01	2108.25	2196.31
40	2130.30	2238.64	2402.00
45	2268.57	2383.71	2461.94
50	2430.98	2554.13	2554.13
55	2624.76	2757.48	2757.48
60	2852.54	2996.53	2996.53
65	3111.66	3268.49	3268.49
70	3394.50	3565.37	3565.37
75	3689.58	3875.11	3875.11
80	3982.84	4182.97	4182.97
85	4259.04	4472.90	4472.90
90	4502.88	4728.89	4728.89
95	4700.21	4936.05	4936.05
100	4838.93	5081.68	5081.68
105	4909.84	5156.13	5156.13
110	4907.29	5153.45	5153.45
115	4829.53	5071.81	5071.81
120	4678.83	4913.60	4913.60
125	4461.29	4685.23	4685.23
130	4186.37	4396.62	4396.62
135	3866.30	4060.62	4060.62
140	3515.36	3692.23	3692.23
145	3149.30	3308.00	3308.00
150	2784.97	2925.62	2925.62
155	2440.35	2563.97	2563.97
160	2134.77	2243.33	2243.33
165	1888.84	1985.34	1985.34
170	1722.21	1810.58	1890.50
175	1647.49	1732.23	2006.23

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1662.84	1748.33	1960.67
185	1751.35	1841.14	1857.11
190	1889.09	1985.61	1985.61
195	2053.62	2158.19	2158.19
200	2227.31	2340.42	2340.42
205	2397.04	2518.52	2518.52
210	2552.78	2681.95	2681.95
215	2686.29	2822.06	2822.06
220	2790.42	2931.33	2931.33
225	2858.69	3002.98	3002.98
230	2885.27	3030.89	3030.89
235	2865.14	3009.76	3009.76
240	2794.39	2935.51	2935.51
245	2670.65	2805.64	2805.64
250	2493.52	2619.76	2619.76
255	2264.98	2379.95	2379.95
260	1989.69	2091.14	2091.14
265	1675.14	1761.22	1761.22
270	1331.53	1401.03	1401.03
275	971.65	1024.24	1024.24
280	610.78	647.67	663.03
285	270.86	298.45	792.03
290	130.14	163.89	910.55
295	375.33	404.35	669.04
300	601.22	637.74	637.74
305	769.47	813.00	813.00
310	872.14	920.21	920.21
315	907.01	956.65	956.65
320	876.01	924.25	924.25
325	784.79	828.98	828.98
330	642.43	680.60	680.60
335	462.47	493.95	500.11
340	272.27	299.87	503.59
345	191.00	220.03	540.72
350	354.43	383.00	482.79
355	588.13	624.13	624.13