

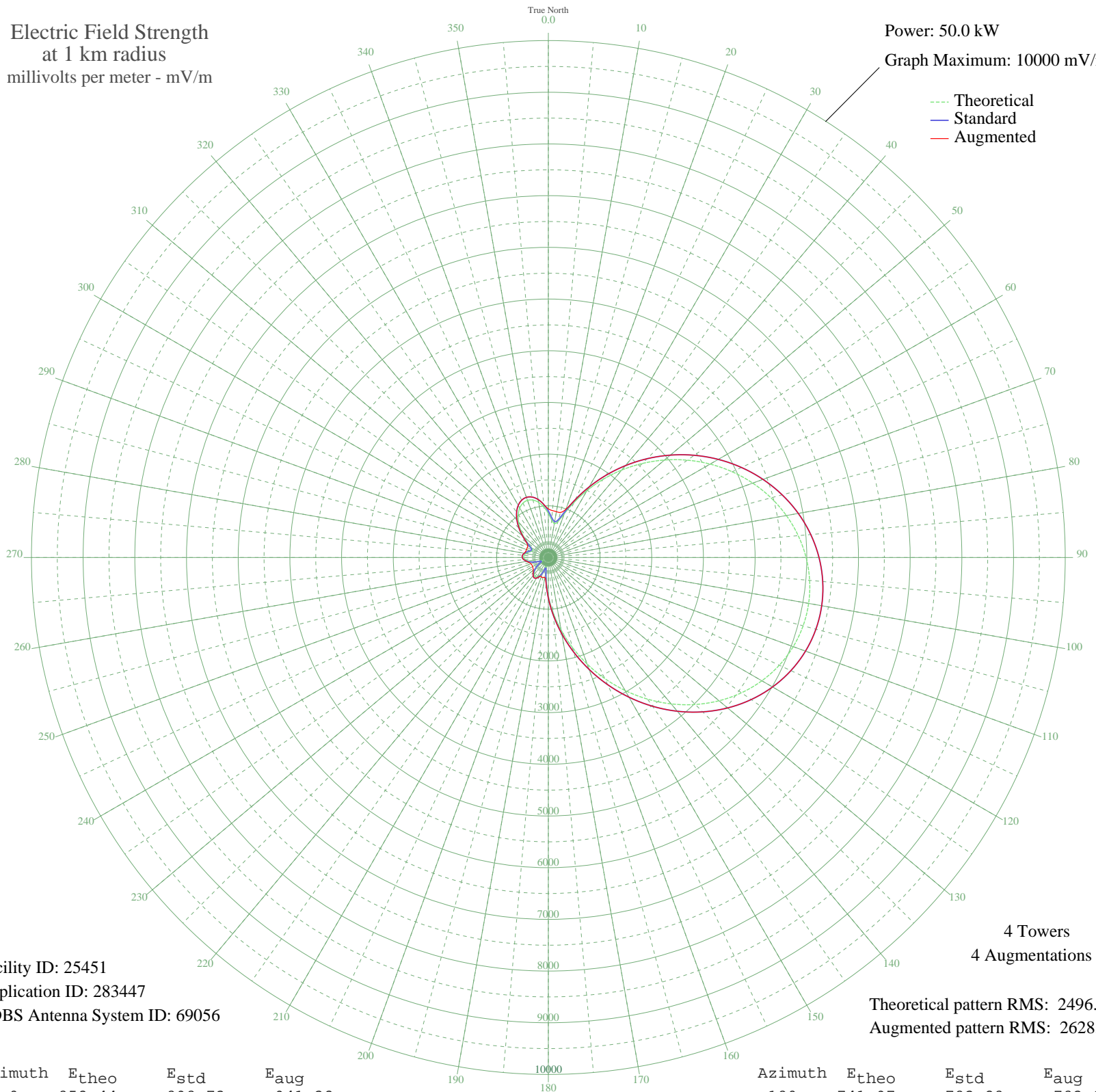
WINS NEW YORK, NY BL-19990401DC 1010 kHz

Daytime

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: 25451  
Application ID: 283447  
CDBS Antenna System ID: 69056

Theoretical pattern RMS: 2496.96  
Augmented pattern RMS: 2628.03

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	852.44	898.73	941.32
5	731.00	771.83	911.49
10	666.64	704.65	900.00
15	721.03	761.41	902.69
20	904.05	952.71	992.99
25	1175.29	1236.72	1236.72
30	1496.99	1573.93	1573.93
35	1846.06	1940.05	1940.05
40	2208.12	2319.94	2319.94
45	2573.17	2703.05	2703.05
50	2933.46	3081.20	3081.20
55	3282.51	3447.59	3447.59
60	3614.67	3796.27	3796.27
65	3924.79	4121.83	4121.83
70	4208.06	4419.20	4419.20
75	4459.96	4683.66	4683.66
80	4676.26	4910.74	4910.74
85	4853.02	5096.32	5096.32
90	4986.74	5236.71	5236.71
95	5074.43	5328.77	5328.77
100	5113.75	5370.05	5370.05
105	5103.15	5358.92	5358.92
110	5041.93	5294.65	5294.65
115	4930.36	5177.52	5177.52
120	4769.70	5008.84	5008.84
125	4562.20	4791.00	4791.00
130	4311.16	4527.44	4527.44
135	4020.82	4222.64	4222.64
140	3696.40	3882.06	3882.06
145	3343.96	3512.10	3512.10
150	2970.40	3119.97	3119.97
155	2583.30	2713.67	2713.67
160	2190.80	2301.77	2301.77
165	1801.49	1893.31	1893.31
170	1424.18	1497.59	1497.59
175	1067.87	1124.19	1124.19

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	741.97	783.28	783.28
185	458.25	487.95	500.22
190	242.72	267.45	390.72
195	184.90	210.40	401.40
200	277.49	302.44	397.24
205	372.91	399.86	405.41
210	432.15	460.95	460.95
215	450.10	479.51	479.51
220	429.00	457.69	457.69
225	374.33	401.32	415.98
230	294.16	319.33	382.20
235	200.90	225.99	361.54
240	124.01	153.40	351.52
245	136.69	164.85	349.03
250	222.03	246.84	356.67
255	314.38	339.92	381.18
260	392.36	419.88	424.77
265	447.19	476.50	476.50
270	474.31	504.58	504.58
275	472.35	502.55	502.55
280	443.66	472.85	473.72
285	396.24	423.88	453.64
290	348.04	374.33	450.79
295	331.39	357.29	449.92
300	377.04	404.11	461.28
305	480.63	511.14	523.23
310	615.78	651.64	651.64
315	759.92	802.03	802.03
320	897.16	945.50	945.50
325	1015.65	1069.51	1069.51
330	1106.13	1164.27	1164.27
335	1161.52	1222.29	1222.29
340	1176.99	1238.50	1238.50
345	1150.30	1210.54	1210.54
350	1082.40	1139.41	1139.41
355	978.77	1030.91	1030.91