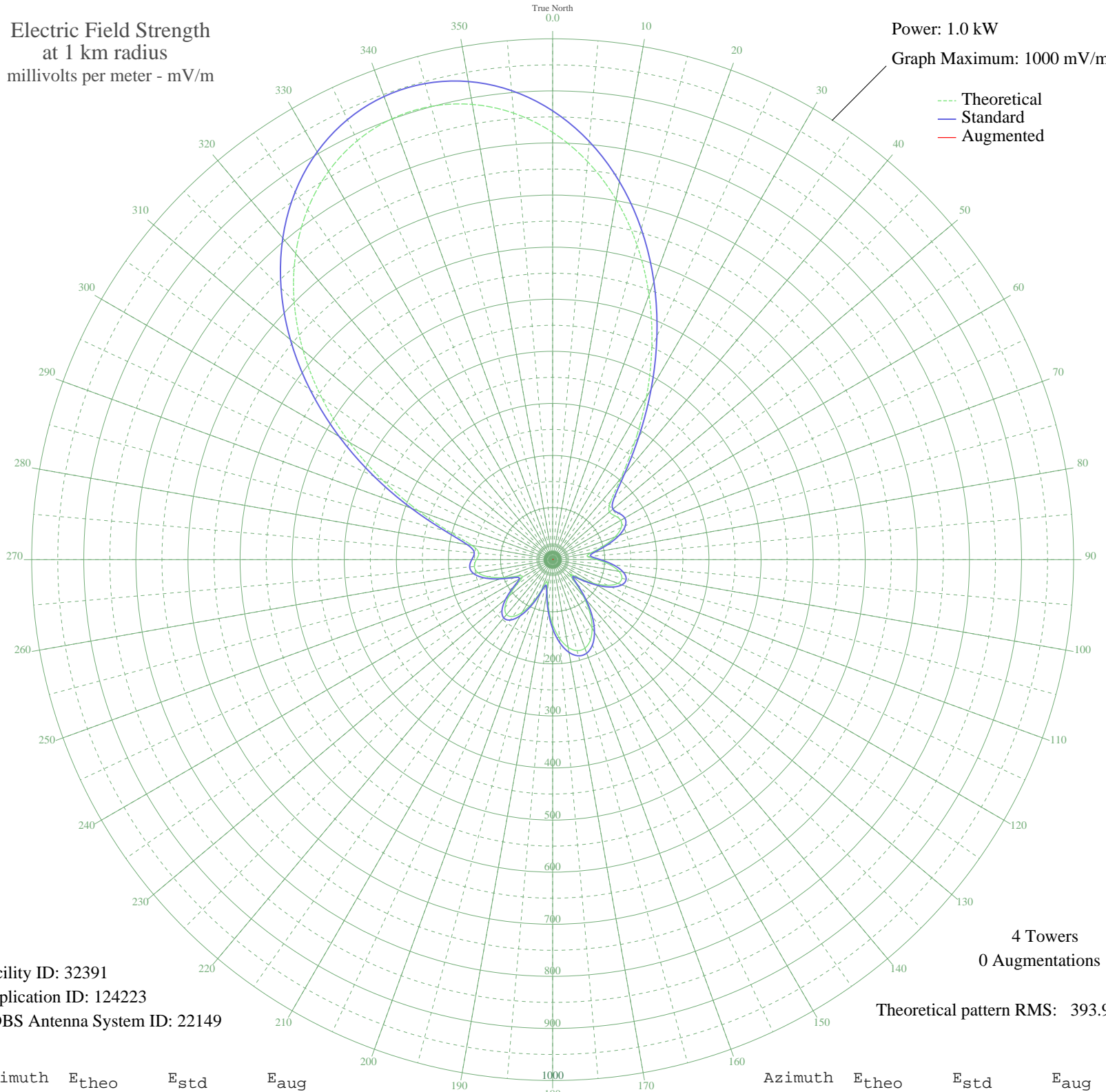


# WNYW ITHACA, NY BL-19890216AB 1470 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 32391  
Application ID: 124223  
CDBS Antenna System ID: 22149

4 Towers  
0 Augmentations

Theoretical pattern RMS: 393.92

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	820.45	861.73	
5	767.28	805.93	
10	701.88	737.29	
15	625.63	657.26	
20	540.74	568.18	
25	450.50	473.50	
30	359.53	378.10	
35	274.15	288.64	
40	203.09	214.31	
45	157.29	166.53	
50	142.39	151.02	
55	146.47	155.27	
60	150.92	159.89	
65	145.30	154.05	
70	127.36	135.42	
75	100.53	107.69	
80	74.48	81.06	
85	67.18	73.69	
90	84.94	91.70	
95	110.04	117.49	
100	129.40	137.54	
105	137.65	146.10	
110	133.14	141.42	
115	116.62	124.29	
120	90.76	97.66	
125	61.20	67.70	
130	43.33	50.25	
135	59.14	65.66	
140	91.63	98.54	
145	124.26	132.20	
150	151.52	160.52	
155	170.86	180.67	
160	180.85	191.09	
165	180.85	191.09	
170	170.86	180.67	
175	151.53	160.53	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	124.26	132.20	
185	91.63	98.55	
190	59.14	65.66	
195	43.33	50.25	
200	61.20	67.70	
205	90.76	97.66	
210	116.62	124.29	
215	133.14	141.42	
220	137.65	146.10	
225	129.40	137.54	
230	110.04	117.49	
235	84.94	91.70	
240	67.18	73.69	
245	74.48	81.06	
250	100.53	107.69	
255	127.36	135.42	
260	145.30	154.05	
265	150.92	159.89	
270	146.47	155.27	
275	142.39	151.02	
280	157.29	166.53	
285	203.09	214.31	
290	274.15	288.64	
295	359.52	378.10	
300	450.50	473.50	
305	540.74	568.18	
310	625.63	657.26	
315	701.88	737.29	
320	767.28	805.92	
325	820.45	861.73	
330	860.64	903.93	
335	887.53	932.15	
340	900.98	946.27	
345	900.98	946.27	
350	887.53	932.15	
355	860.64	903.93	

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.

27 Jun 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission