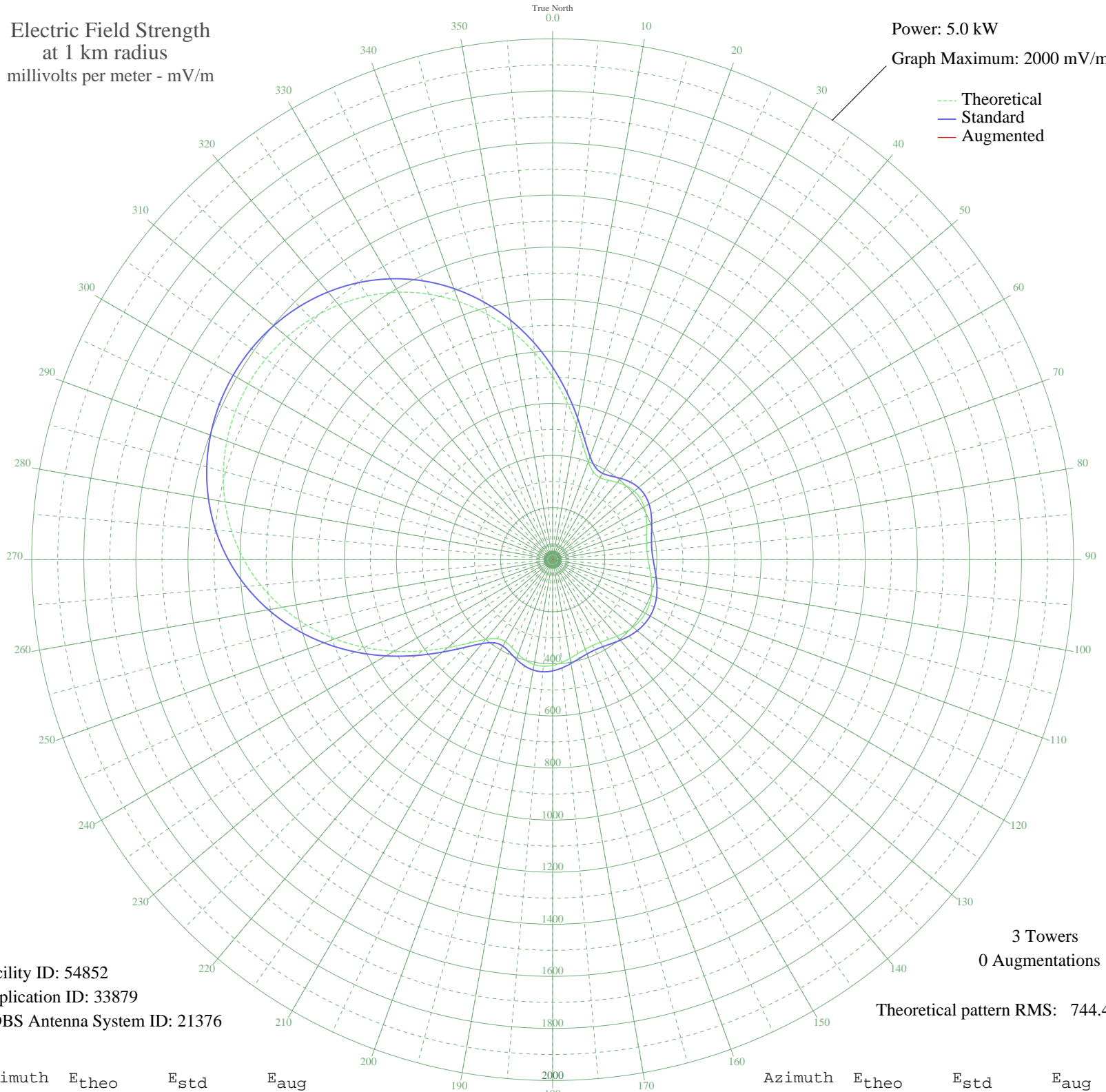


# WLNA PEEKSKILL, NY BL-19810911AD 1420 kHz

Daytime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 54852  
Application ID: 33879  
CDBS Antenna System ID: 21376

3 Towers  
0 Augmentations  
Theoretical pattern RMS: 744.47

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	703.19	738.88	
5	610.70	641.84	
10	525.08	552.03	
15	452.59	476.04	
20	399.70	420.61	
25	370.52	390.05	
30	363.67	382.87	
35	372.05	391.65	
40	386.72	407.01	
45	400.47	421.42	
50	409.03	430.39	
55	410.74	432.18	
60	405.94	427.15	
65	396.35	417.10	
70	384.60	404.79	
75	373.61	393.28	
80	366.02	385.33	
85	363.51	382.70	
90	366.42	385.75	
95	373.77	393.45	
100	383.70	403.85	
105	394.10	414.74	
110	403.01	424.07	
115	408.96	430.31	
120	411.05	432.50	
125	408.96	430.31	
130	403.01	424.07	
135	394.10	414.74	
140	383.70	403.85	
145	373.77	393.45	
150	366.42	385.75	
155	363.51	382.70	
160	366.02	385.33	
165	373.61	393.28	
170	384.60	404.79	
175	396.35	417.10	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	405.94	427.15	
185	410.74	432.18	
190	409.03	430.39	
195	400.47	421.42	
200	386.72	407.01	
205	372.05	391.65	
210	363.67	382.87	
215	370.52	390.05	
220	399.70	420.61	
225	452.59	476.04	
230	525.08	552.03	
235	610.70	641.84	
240	703.19	738.88	
245	797.37	837.70	
250	889.19	934.07	
255	975.67	1024.84	
260	1054.71	1107.80	
265	1124.96	1181.53	
270	1185.64	1245.24	
275	1236.49	1298.61	
280	1277.51	1341.68	
285	1308.95	1374.68	
290	1331.11	1397.94	
295	1344.26	1411.75	
300	1348.62	1416.33	
305	1344.26	1411.75	
310	1331.11	1397.94	
315	1308.95	1374.68	
320	1277.51	1341.68	
325	1236.49	1298.61	
330	1185.64	1245.24	
335	1124.96	1181.53	
340	1054.71	1107.80	
345	975.67	1024.84	
350	889.19	934.07	
355	797.37	837.70	

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission