

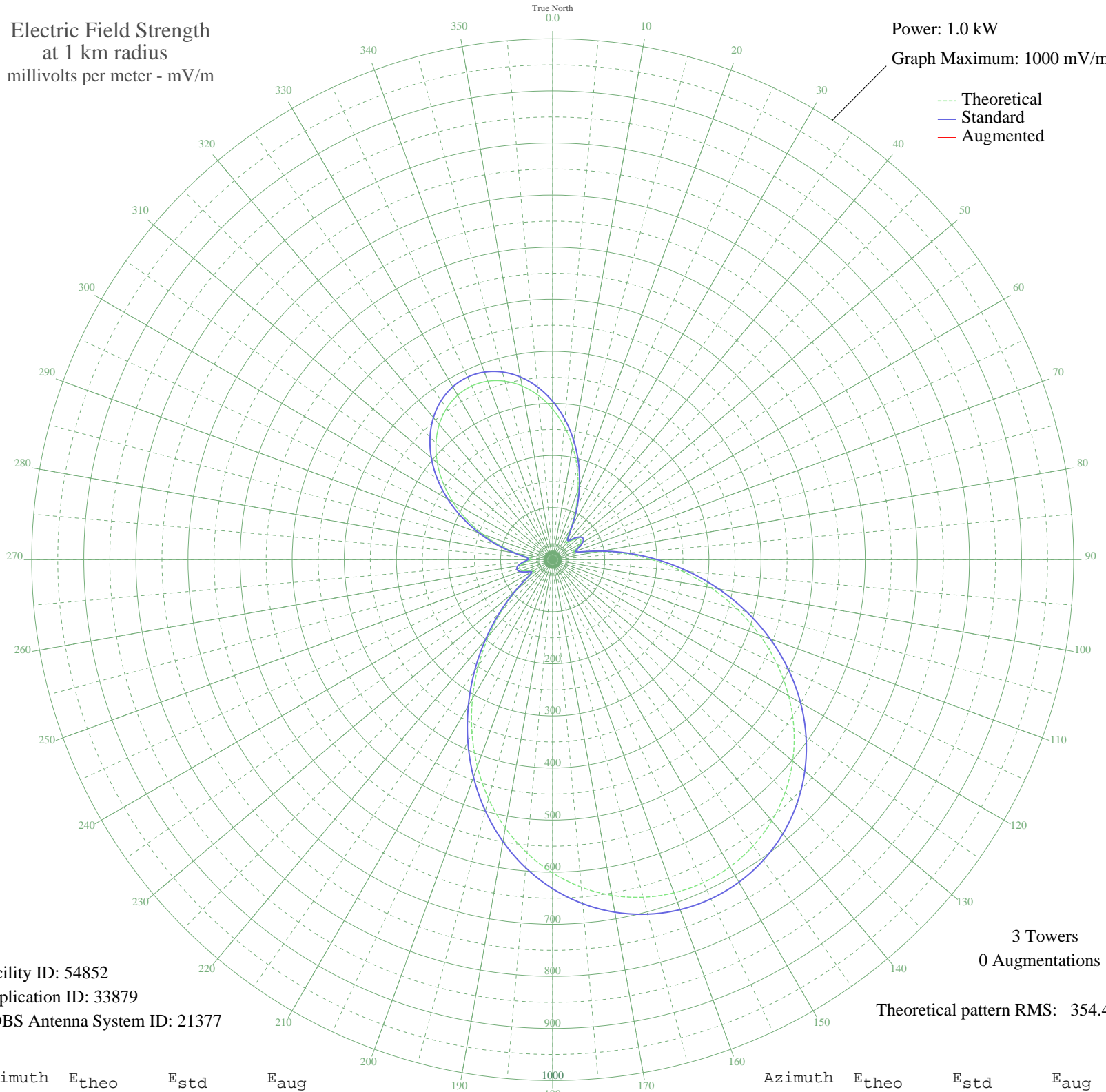
WLNA PEEKSKILL, NY BL-19810911AD 1420 kHz

Nighttime

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

Power: 1.0 kW
Graph Maximum: 1000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 54852
Application ID: 33879
CDBS Antenna System ID: 21377

3 Towers
0 Augmentations

Theoretical pattern RMS: 354.41

Azimuth	E _{theo}	E _{std}	E _{aug}
0	289.10	304.05	
5	256.81	270.21	
10	220.72	232.42	
15	182.08	191.98	
20	142.45	150.59	
25	103.94	110.52	
30	69.71	75.25	
35	46.00	51.36	
40	42.06	47.49	
45	52.20	57.53	
50	62.14	67.55	
55	65.70	71.16	
60	61.27	66.66	
65	50.26	55.58	
70	41.08	46.53	
75	53.38	58.70	
80	88.83	94.89	
85	136.41	144.29	
90	190.68	200.97	
95	248.60	261.61	
100	307.85	323.71	
105	366.45	385.17	
110	422.72	444.20	
115	475.29	499.36	
120	523.07	549.50	
125	565.30	593.82	
130	601.44	631.75	
135	631.18	662.97	
140	654.35	687.29	
145	670.90	704.66	
150	680.82	715.07	
155	684.12	718.54	
160	680.82	715.07	
165	670.90	704.66	
170	654.35	687.29	
175	631.18	662.97	

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.

24 Oct 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	601.44	631.76	
185	565.30	593.82	
190	523.07	549.51	
195	475.29	499.36	
200	422.72	444.20	
205	366.45	385.17	
210	307.85	323.71	
215	248.60	261.61	
220	190.68	200.97	
225	136.41	144.29	
230	88.83	94.89	
235	53.38	58.70	
240	41.08	46.53	
245	50.26	55.59	
250	61.27	66.66	
255	65.70	71.16	
260	62.14	67.55	
265	52.20	57.53	
270	42.06	47.49	
275	46.00	51.36	
280	69.71	75.25	
285	103.94	110.52	
290	142.45	150.59	
295	182.08	191.98	
300	220.72	232.42	
305	256.81	270.21	
310	289.10	304.05	
315	316.63	332.92	
320	338.71	356.07	
325	354.81	372.96	
330	364.60	383.23	
335	367.88	386.67	
340	364.60	383.23	
345	354.81	372.96	
350	338.71	356.07	
355	316.63	332.92	