

WPAD PADUCAH, KY BL-19850328AB 1560 kHz

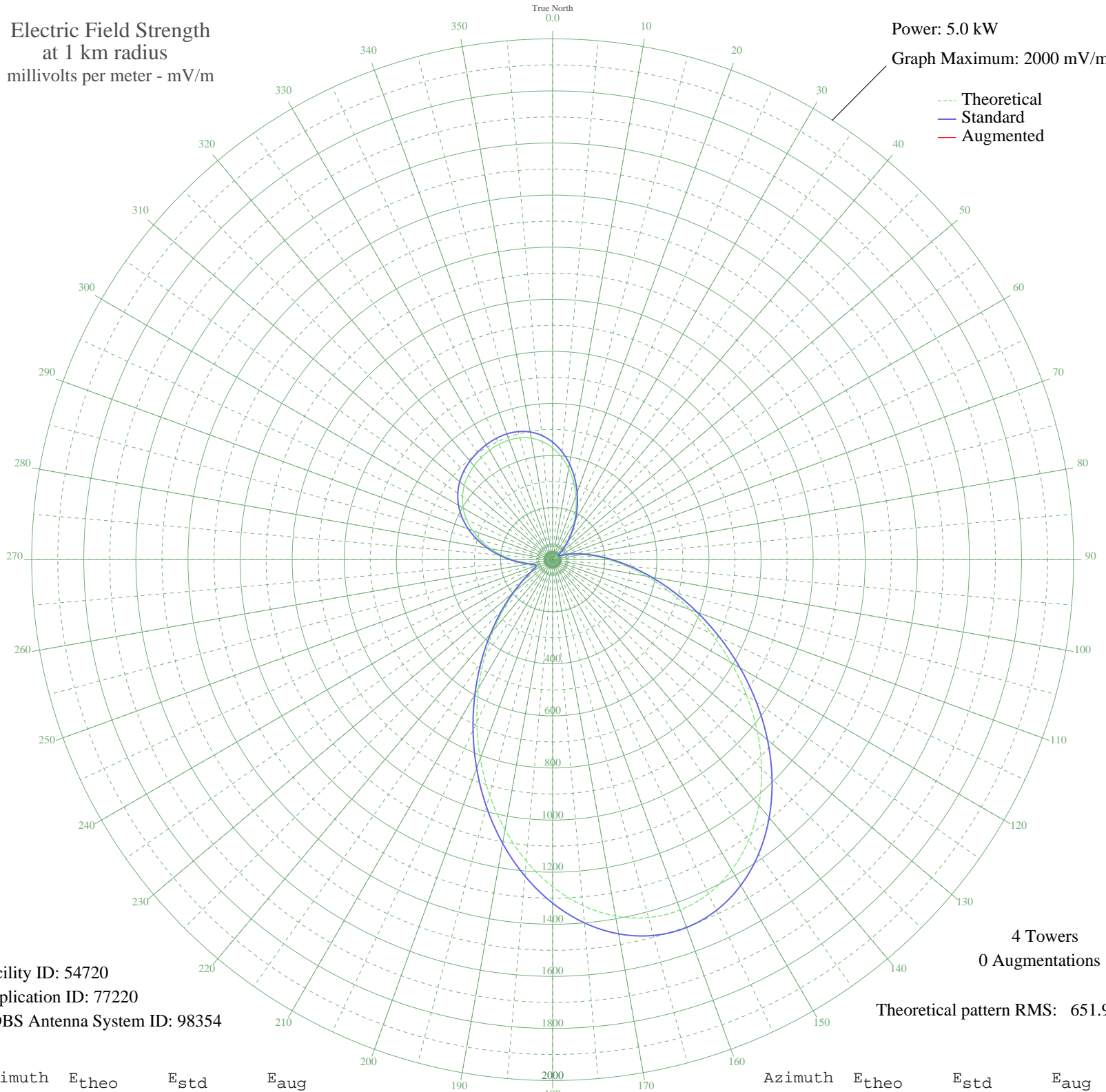
Nighttime

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

Power: 5.0 kW

Graph Maximum: 2000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 54720
Application ID: 77220
CDBS Antenna System ID: 98354

4 Towers
0 Augmentations

Theoretical pattern RMS: 651.90

Azimuth	E _{theo}	E _{std}	E _{aug}
0	429.14	451.21	
5	395.25	415.68	
10	354.65	373.12	
15	309.01	325.31	
20	260.46	274.49	
25	211.32	223.12	
30	163.88	173.67	
35	120.16	128.33	
40	81.67	88.91	
45	49.32	56.86	
50	23.37	33.97	
55	5.74	24.24	
60	16.72	29.32	
65	33.39	42.19	
70	53.40	60.78	
75	79.68	86.90	
80	114.58	122.58	
85	159.76	169.39	
90	216.41	228.44	
95	285.22	300.40	
100	366.34	385.37	
105	459.22	482.75	
110	562.53	591.12	
115	674.09	708.19	
120	790.95	830.82	
125	909.41	955.17	
130	1025.30	1076.82	
135	1134.14	1191.07	
140	1231.45	1293.23	
145	1313.05	1378.90	
150	1375.30	1444.25	
155	1415.37	1486.32	
160	1431.41	1503.16	
165	1422.64	1493.96	
170	1389.40	1459.06	
175	1333.09	1399.94	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	1256.05	1319.07	
185	1161.47	1219.77	
190	1053.12	1106.02	
195	935.20	982.24	
200	812.13	853.06	
205	688.30	723.10	
210	567.94	596.79	
215	454.86	478.18	
220	352.40	370.77	
225	263.24	277.40	
230	189.38	200.23	
235	132.03	140.61	
240	91.68	99.09	
245	68.02	75.18	
250	60.12	67.35	
255	66.69	73.86	
260	86.01	93.31	
265	115.78	123.81	
270	153.35	162.72	
275	195.94	207.07	
280	240.79	253.91	
285	285.29	300.48	
290	327.19	344.35	
295	364.69	383.65	
300	396.66	417.15	
305	422.65	444.40	
310	442.92	465.65	
315	458.27	481.76	
320	469.80	493.85	
325	478.48	502.95	
330	484.80	509.58	
335	488.57	513.54	
340	488.88	513.86	
345	484.35	509.11	
350	473.55	497.78	
355	455.32	478.66	