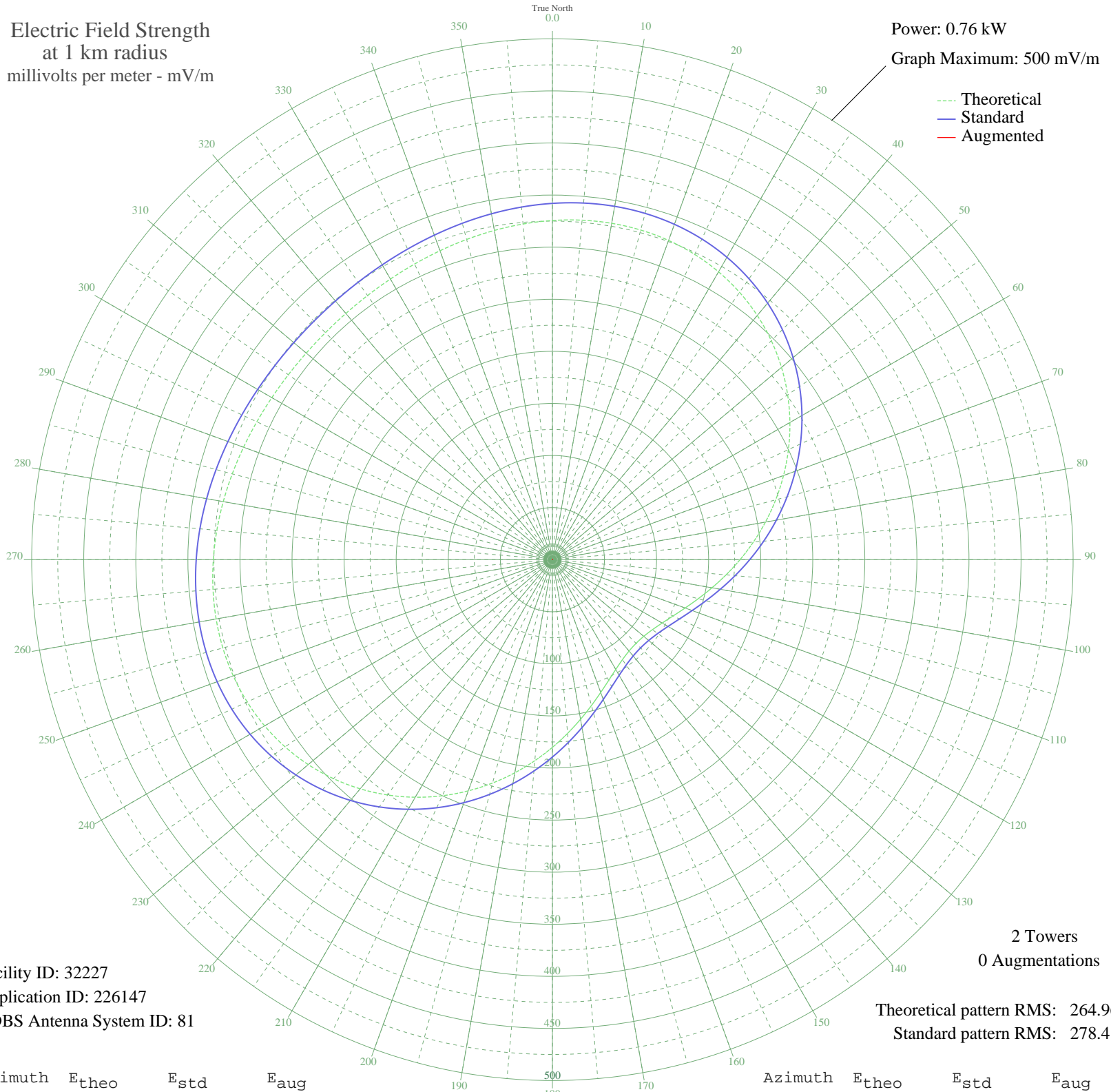


WJIG ELMHURST, IL BL-19960524AA 1530 kHz

Daytime

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

Power: 0.76 kW
Graph Maximum: 500 mV/m



Facility ID: 32227
Application ID: 226147
CDBS Antenna System ID: 81

2 Towers
0 Augmentations

Theoretical pattern RMS: 264.96
Standard pattern RMS: 278.41

Azimuth	E _{theo}	E _{std}	E _{aug}
0	325.59	342.03	
5	327.13	343.65	
10	327.87	344.42	
15	327.59	344.13	
20	326.12	342.59	
25	323.31	339.64	
30	319.06	335.18	
35	313.31	329.14	
40	306.04	321.51	
45	297.29	312.33	
50	287.15	301.69	
55	275.77	289.75	
60	263.33	276.70	
65	250.05	262.77	
70	236.18	248.21	
75	221.98	233.32	
80	207.73	218.37	
85	193.71	203.66	
90	180.17	189.47	
95	167.39	176.07	
100	155.57	163.68	
105	144.93	152.54	
110	135.64	142.81	
115	127.85	134.66	
120	121.68	128.20	
125	117.21	123.52	
130	114.51	120.69	
135	113.60	119.74	
140	114.51	120.69	
145	117.21	123.52	
150	121.68	128.20	
155	127.85	134.66	
160	135.64	142.81	
165	144.93	152.54	
170	155.57	163.68	
175	167.39	176.07	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	180.17	189.47	
185	193.71	203.66	
190	207.73	218.37	
195	221.98	233.32	
200	236.18	248.21	
205	250.05	262.77	
210	263.33	276.70	
215	275.77	289.75	
220	287.15	301.69	
225	297.29	312.33	
230	306.04	321.51	
235	313.31	329.14	
240	319.06	335.18	
245	323.31	339.64	
250	326.12	342.59	
255	327.59	344.13	
260	327.87	344.42	
265	327.13	343.65	
270	325.59	342.03	
275	323.44	339.78	
280	320.92	337.13	
285	318.23	334.31	
290	315.58	331.52	
295	313.14	328.97	
300	311.07	326.80	
305	309.51	325.15	
310	308.53	324.12	
315	308.19	323.77	
320	308.53	324.12	
325	309.51	325.15	
330	311.07	326.80	
335	313.14	328.97	
340	315.58	331.52	
345	318.23	334.31	
350	320.92	337.13	
355	323.44	339.78	

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.

15 Feb 2012

Prepared by Audio Division, Media Bureau
Federal Communications Commission