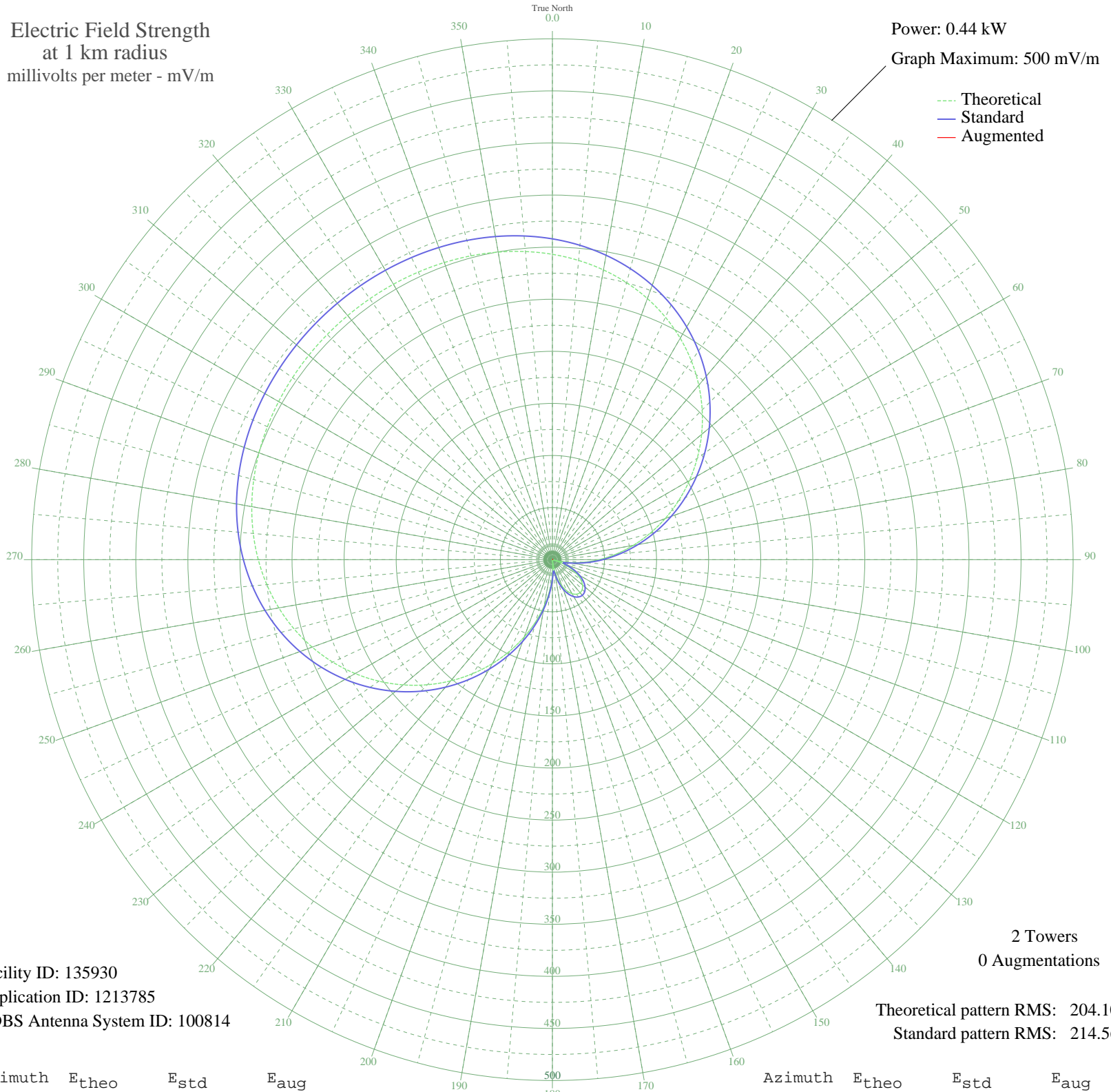


WZFG DILWORTH, MN BP-20071022AYE 1100 kHz

Nighttime

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

Power: 0.44 kW
Graph Maximum: 500 mV/m



Facility ID: 135930
Application ID: 1213785
CDBS Antenna System ID: 100814

2 Towers
0 Augmentations

Theoretical pattern RMS: 204.10
Standard pattern RMS: 214.56

Azimuth	E _{theo}	E _{std}	E _{aug}
0	293.13	307.96	
5	288.35	302.95	
10	282.43	296.73	
15	275.25	289.20	
20	266.73	280.26	
25	256.81	269.85	
30	245.47	257.95	
35	232.73	244.59	
40	218.66	229.83	
45	203.37	213.80	
50	187.02	196.65	
55	169.79	178.59	
60	151.90	159.84	
65	133.61	140.68	
70	115.16	121.37	
75	96.81	102.19	
80	78.83	83.44	
85	61.47	65.39	
90	44.95	48.35	
95	29.47	32.68	
100	15.23	19.13	
105	2.36	10.79	
110	9.00	14.13	
115	18.75	22.32	
120	26.82	30.06	
125	33.15	36.36	
130	37.70	40.95	
135	40.44	43.74	
140	41.35	44.67	
145	40.44	43.74	
150	37.70	40.95	
155	33.15	36.36	
160	26.82	30.06	
165	18.75	22.32	
170	9.00	14.13	
175	2.36	10.79	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	15.23	19.13	
185	29.47	32.68	
190	44.95	48.35	
195	61.47	65.39	
200	78.83	83.44	
205	96.81	102.19	
210	115.16	121.37	
215	133.61	140.68	
220	151.90	159.84	
225	169.79	178.59	
230	187.02	196.65	
235	203.37	213.80	
240	218.66	229.83	
245	232.73	244.59	
250	245.47	257.95	
255	256.81	269.85	
260	266.73	280.26	
265	275.25	289.20	
270	282.43	296.73	
275	288.35	302.95	
280	293.13	307.96	
285	296.90	311.92	
290	299.80	314.96	
295	301.97	317.24	
300	303.53	318.88	
305	304.62	320.02	
310	305.32	320.76	
315	305.71	321.16	
320	305.83	321.30	
325	305.71	321.16	
330	305.32	320.76	
335	304.62	320.02	
340	303.53	318.88	
345	301.97	317.24	
350	299.80	314.96	
355	296.90	311.92	

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.

13 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission