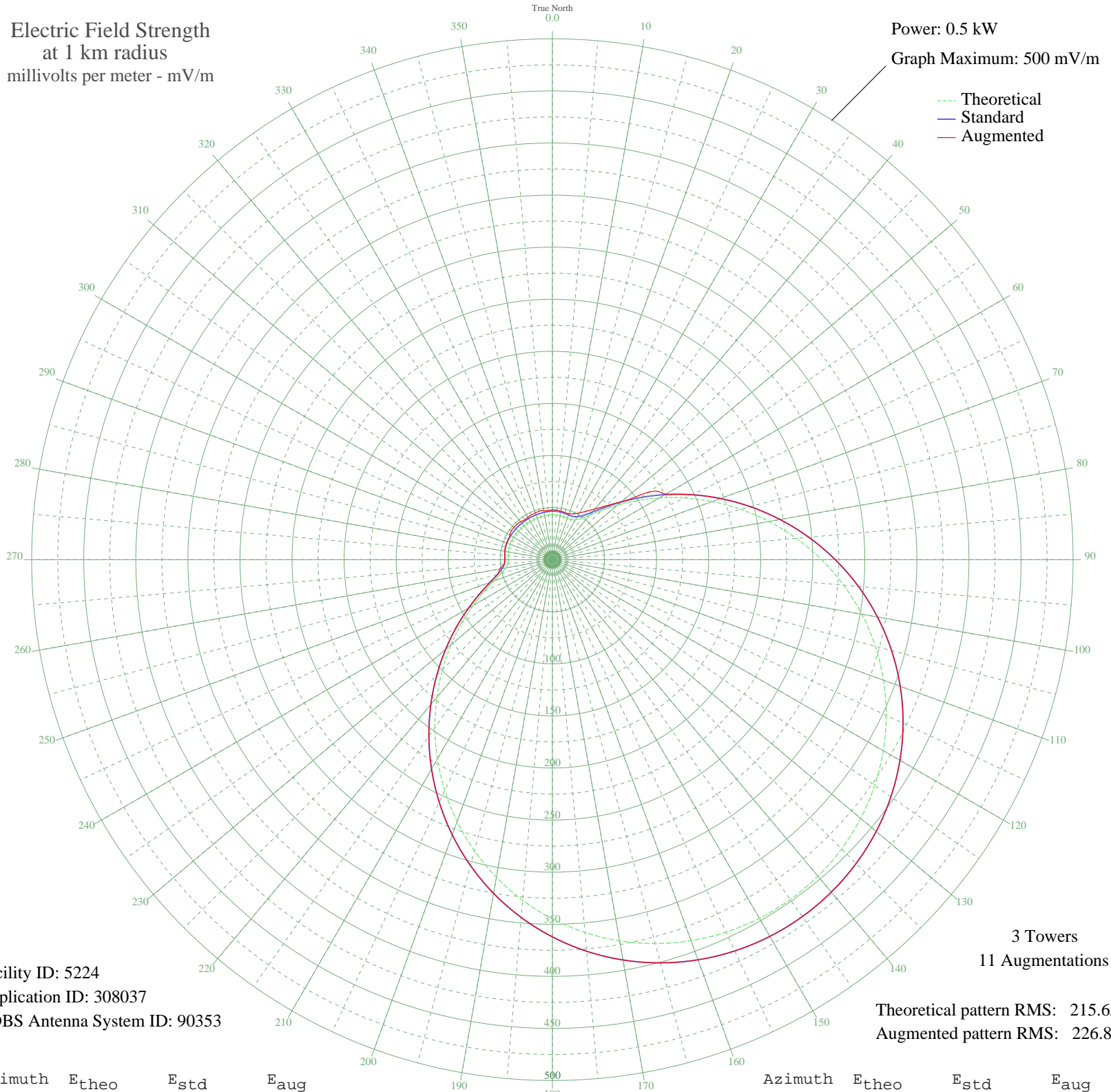


KCPS BURLINGTON, IA BL-- 1150 kHz

Daytime

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

Power: 0.5 kW
Graph Maximum: 500 mV/m



Facility ID: 5224
Application ID: 308037
CDBS Antenna System ID: 90353

Theoretical pattern RMS: 215.65
Augmented pattern RMS: 226.89

Azimuth	E _{theo}	E _{std}	E _{aug}
0	43.15	46.51	47.77
5	43.16	46.52	47.72
10	42.96	46.32	47.29
15	42.58	45.93	46.76
20	42.25	45.59	46.84
25	42.48	45.83	48.53
30	44.15	47.54	51.87
35	48.32	51.81	56.77
40	55.80	59.52	63.51
45	66.87	70.99	73.16
50	81.31	86.02	86.67
55	98.70	104.16	113.18
60	118.49	124.86	125.68
65	140.17	147.55	147.55
70	163.19	171.67	171.67
75	187.02	196.66	196.66
80	211.17	221.97	221.97
85	235.13	247.11	247.11
90	258.46	271.59	271.59
95	280.76	294.99	294.99
100	301.70	316.95	316.95
105	320.97	337.18	337.18
110	338.36	355.43	355.43
115	353.69	371.53	371.53
120	366.86	385.34	385.34
125	377.77	396.80	396.80
130	386.39	405.84	405.84
135	392.69	412.46	412.46
140	396.65	416.62	416.62
145	398.29	418.33	418.33
150	397.59	417.60	417.60
155	394.55	414.41	414.41
160	389.19	408.78	408.78
165	381.50	400.71	400.71
170	371.50	390.21	390.21
175	359.22	377.33	377.33

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

Azimuth	E _{theo}	E _{std}	E _{aug}
180	344.74	362.13	362.13
185	328.16	344.73	344.73
190	309.62	325.27	325.27
195	289.32	303.97	303.97
200	267.53	281.10	281.10
205	244.56	257.00	257.00
210	220.80	232.08	232.08
215	196.67	206.77	206.77
220	172.65	181.59	181.59
225	149.24	157.06	157.06
230	126.97	133.73	133.73
235	106.36	112.17	112.17
240	87.94	92.94	92.94
245	72.26	76.60	76.60
250	59.80	63.66	63.66
255	50.89	54.45	54.45
260	45.47	48.88	51.50
265	42.92	46.27	46.31
270	42.23	45.57	45.69
275	42.42	45.77	45.98
280	42.83	46.18	46.46
285	43.11	46.47	46.75
290	43.18	46.54	46.77
295	43.07	46.42	46.56
300	42.86	46.22	47.07
305	42.65	46.00	48.26
310	42.48	45.82	48.13
315	42.37	45.71	47.98
320	42.31	45.65	47.50
325	42.29	45.63	46.70
330	42.30	45.63	46.94
335	42.34	45.68	47.45
340	42.43	45.77	47.74
345	42.57	45.92	48.23
350	42.78	46.13	47.86
355	42.99	46.35	47.24