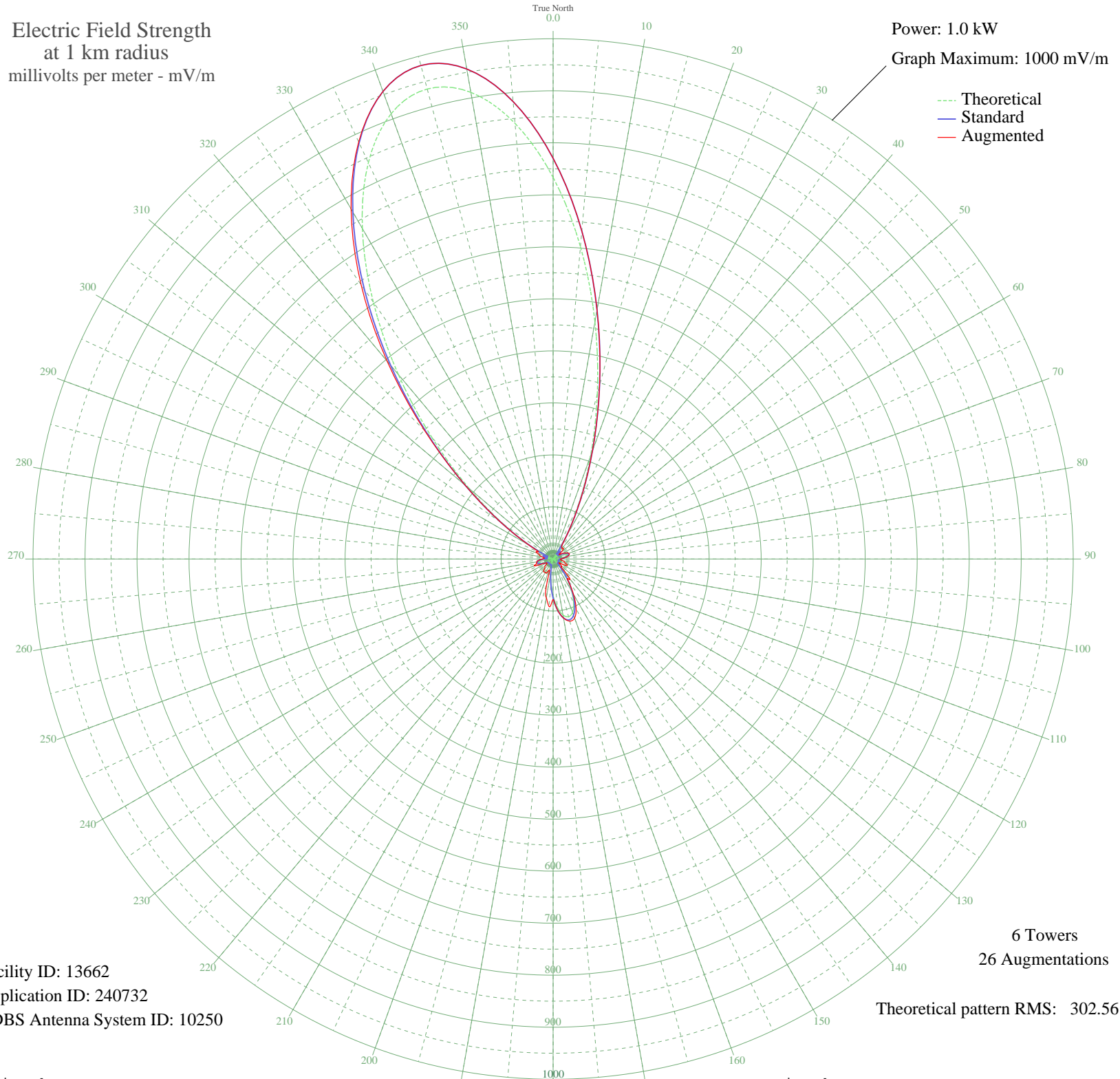


# KJOC DAVENPORT, IA BL-19970205AE 1170 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 13662  
Application ID: 240732  
CDBS Antenna System ID: 10250

6 Towers  
26 Augmentations  
Theoretical pattern RMS: 302.56

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	733.49	770.24	770.24
5	602.69	632.91	632.91
10	462.94	486.20	486.20
15	328.34	344.92	344.92
20	210.21	220.98	220.98
25	115.90	122.16	122.16
30	48.35	51.87	52.64
35	6.60	12.70	28.82
40	13.22	17.49	26.22
45	16.65	20.46	28.16
50	9.73	14.75	19.29
55	1.97	10.84	14.48
60	13.97	18.12	22.53
65	23.17	26.55	26.90
70	27.88	31.15	32.04
75	27.73	31.00	32.19
80	23.38	26.76	27.79
85	16.24	20.10	20.56
90	8.14	13.65	14.50
95	0.95	10.69	14.41
100	3.77	11.35	18.34
105	5.11	11.92	22.53
110	3.11	11.13	26.99
115	1.13	10.71	29.40
120	5.55	12.13	18.45
125	7.48	13.22	13.78
130	4.33	11.57	21.66
135	5.71	12.21	20.51
140	22.92	26.31	50.69
145	45.70	49.15	49.15
150	70.66	74.95	77.94
155	93.31	98.55	104.64
160	109.15	115.10	120.75
165	114.84	121.05	123.59
170	109.15	115.10	115.19
175	93.31	98.55	98.55

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.

23 Oct 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	70.66	74.95	77.59
185	45.70	49.15	91.73
190	22.92	26.31	75.35
195	5.71	12.21	40.90
200	4.33	11.57	22.44
205	7.48	13.22	29.86
210	5.55	12.13	29.79
215	1.13	10.71	30.54
220	3.11	11.13	27.52
225	5.11	11.92	22.53
230	3.77	11.35	18.34
235	0.95	10.69	14.41
240	8.14	13.65	14.50
245	16.24	20.10	20.10
250	23.38	26.76	38.62
255	27.73	31.00	32.19
260	27.88	31.15	32.19
265	23.16	26.55	27.21
270	13.97	18.12	20.99
275	1.97	10.84	16.83
280	9.73	14.75	20.42
285	16.65	20.46	27.15
290	13.22	17.49	31.36
295	6.60	12.70	32.64
300	48.35	51.87	54.51
305	115.90	122.16	122.48
310	210.21	220.98	220.98
315	328.34	344.92	349.89
320	462.94	486.20	496.75
325	602.69	632.91	643.74
330	733.49	770.24	776.94
335	840.55	882.64	884.59
340	910.80	956.40	956.40
345	935.28	982.11	982.11
350	910.80	956.40	956.40
355	840.55	882.64	882.64