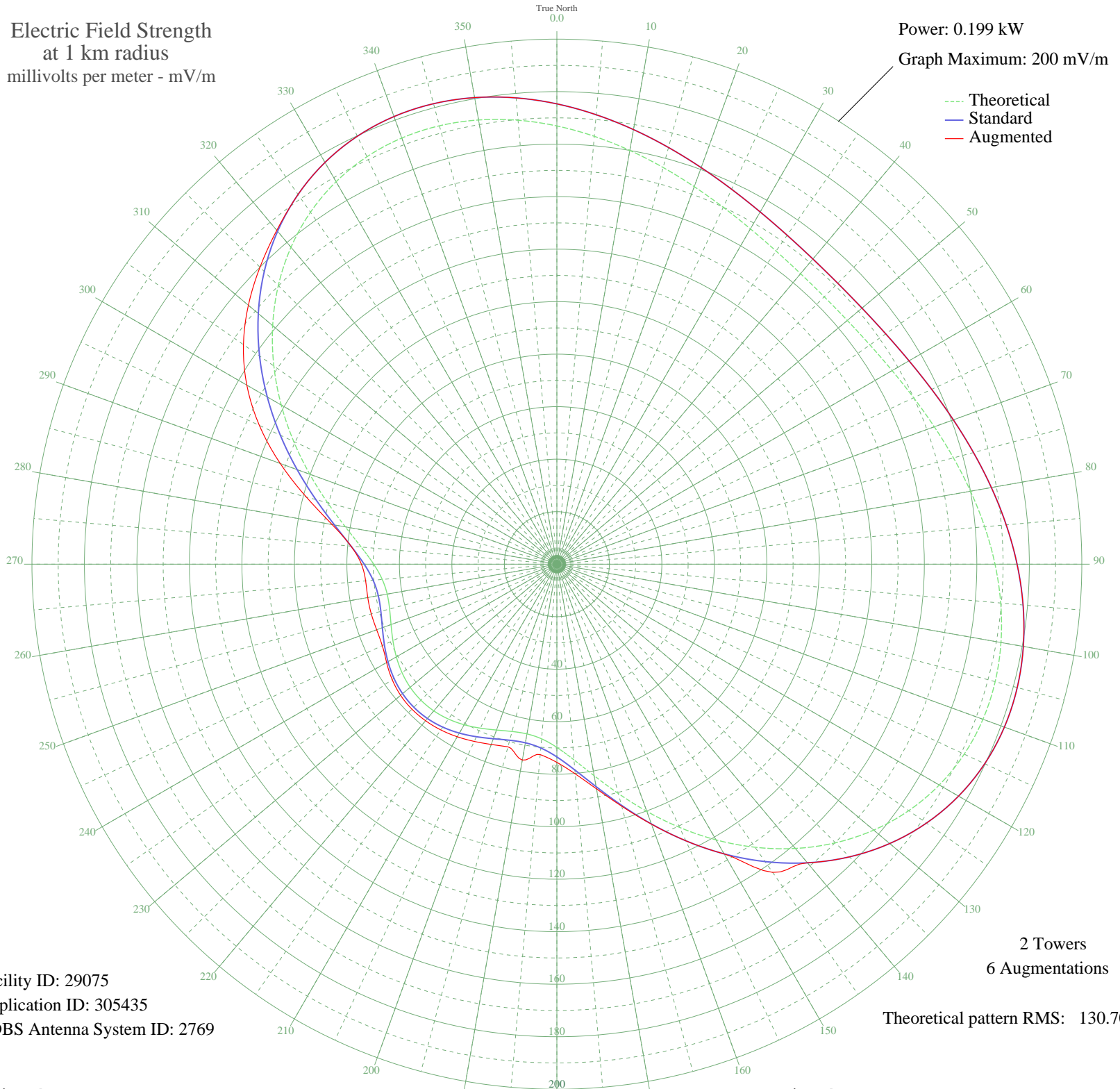


# KXIC IOWA CITY, IA BL-- 800 kHz

Nighttime

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

Power: 0.199 kW  
Graph Maximum: 200 mV/m



Facility ID: 29075  
Application ID: 305435  
CDBS Antenna System ID: 2769

2 Towers  
6 Augmentations  
Theoretical pattern RMS: 130.70

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	166.93	175.34	175.34
5	163.61	171.85	171.85
10	160.03	168.10	168.10
15	156.44	164.32	164.32
20	153.03	160.75	160.75
25	149.99	157.56	157.56
30	147.48	154.93	154.93
35	145.61	152.96	152.96
40	144.45	151.74	151.74
45	144.06	151.33	151.33
50	144.45	151.74	151.74
55	145.61	152.96	152.96
60	147.48	154.93	154.93
65	149.99	157.56	157.56
70	153.03	160.75	160.75
75	156.44	164.32	164.32
80	160.03	168.10	168.10
85	163.61	171.85	171.85
90	166.93	175.34	175.34
95	169.75	178.30	178.30
100	171.81	180.46	180.46
105	172.88	181.59	181.59
110	172.75	181.45	181.45
115	171.24	179.86	179.86
120	168.23	176.70	176.70
125	163.68	171.92	171.92
130	157.60	165.54	165.54
135	150.09	157.67	157.67
140	141.35	148.50	148.50
145	131.63	138.29	143.31
150	121.26	127.41	127.41
155	110.63	116.26	116.26
160	100.19	105.31	105.40
165	90.42	95.06	95.44
170	81.82	86.04	86.89
175	74.83	78.71	80.18

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 <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	69.78	73.42	75.50
185	66.78	70.28	72.81
190	65.65	69.09	75.76
195	65.98	69.43	72.03
200	67.24	70.75	73.07
205	68.92	72.52	74.49
210	70.62	74.30	75.91
215	72.03	75.78	77.08
220	72.95	76.74	77.84
225	73.27	77.07	78.10
230	72.95	76.74	77.72
235	72.03	75.78	76.61
240	70.62	74.30	74.92
245	68.92	72.52	73.40
250	67.24	70.75	73.06
255	65.98	69.43	73.20
260	65.65	69.09	73.16
265	66.78	70.28	73.14
270	69.78	73.42	74.47
275	74.83	78.71	78.74
280	81.82	86.04	86.95
285	90.42	95.06	98.84
290	100.19	105.31	112.17
295	110.63	116.26	125.07
300	121.26	127.41	136.40
305	131.63	138.29	145.78
310	141.35	148.50	153.44
315	150.09	157.67	159.97
320	157.60	165.54	166.02
325	163.68	171.92	171.92
330	168.23	176.70	176.70
335	171.24	179.86	179.86
340	172.75	181.45	181.45
345	172.88	181.59	181.59
350	171.81	180.46	180.46
355	169.75	178.30	178.30