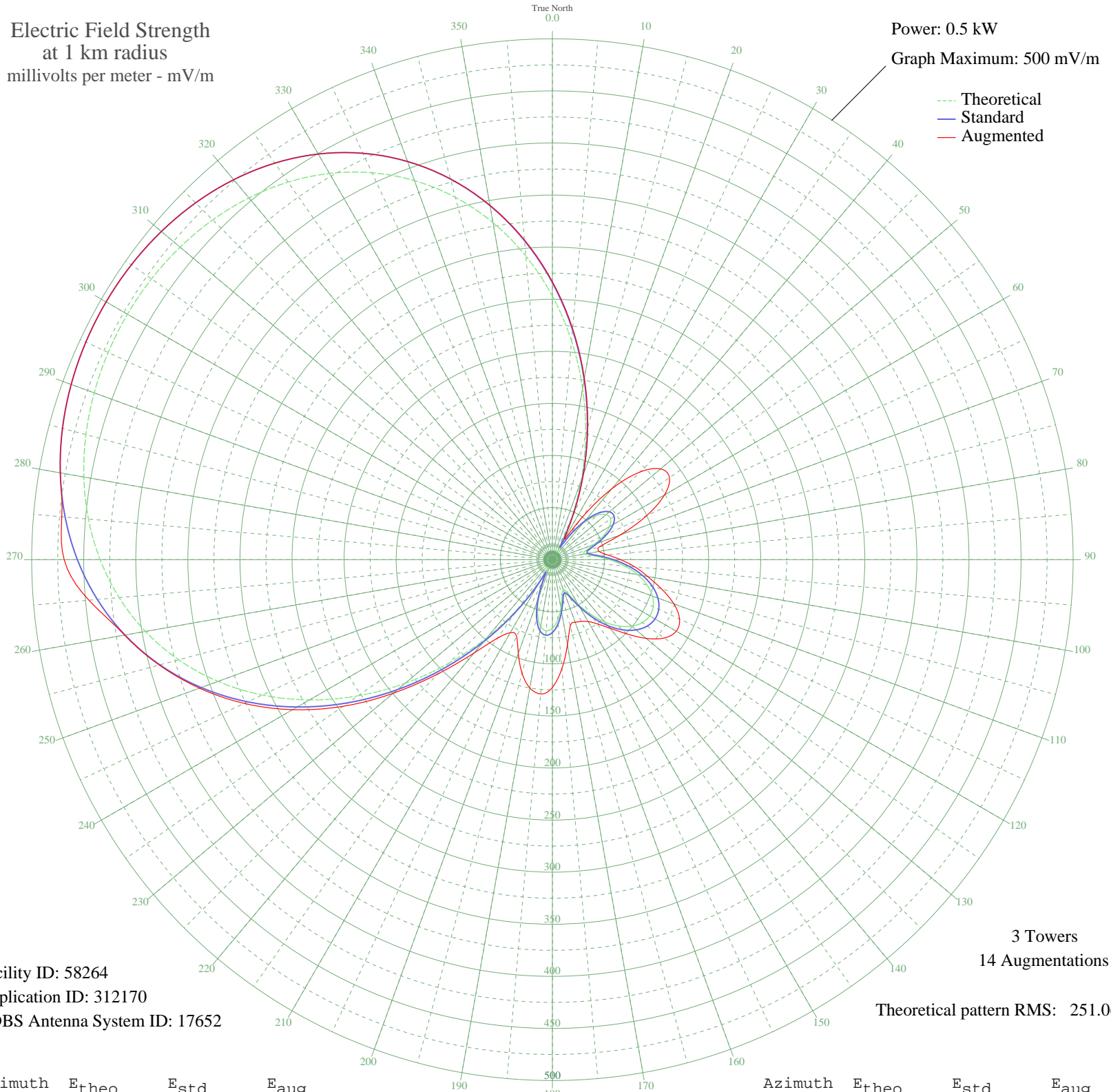


KOKX KEOKUK, IA BL-- 1310 kHz

Nighttime

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

Power: 0.5 kW
Graph Maximum: 500 mV/m



Facility ID: 58264
Application ID: 312170
CDBS Antenna System ID: 17652

3 Towers
14 Augmentations

Theoretical pattern RMS: 251.06

Azimuth	Etheo	Estd	Eaug
0	253.04	265.90	266.94
5	210.76	221.55	222.76
10	166.97	175.64	176.90
15	123.14	129.72	130.97
20	80.90	85.59	86.76
25	42.01	45.34	46.60
30	10.43	15.17	22.82
35	23.67	26.98	48.52
40	45.04	48.44	88.95
45	59.71	63.57	119.05
50	67.30	71.44	135.58
55	68.20	72.38	137.22
60	63.31	67.30	124.30
65	54.03	57.69	99.79
70	42.53	45.87	69.30
75	32.77	35.98	46.28
80	31.46	34.67	45.47
85	40.74	44.05	52.92
90	54.94	58.64	65.48
95	69.75	73.99	79.47
100	83.18	87.97	92.78
105	94.19	99.45	108.54
110	102.18	107.80	124.15
115	106.81	112.64	134.71
120	107.89	113.77	137.32
125	105.38	111.14	131.10
130	99.37	104.87	117.58
135	90.12	95.21	100.65
140	78.05	82.63	85.98
145	63.91	67.93	75.25
150	49.02	52.53	68.62
155	36.09	39.32	65.45
160	30.58	33.78	63.96
165	36.08	39.31	66.15
170	47.20	50.66	83.12
175	58.15	61.96	104.93

Azimuth	Etheo	Estd	Eaug
180	65.89	69.97	122.72
185	68.60	72.79	129.41
190	65.10	69.16	125.01
195	54.70	58.38	112.75
200	37.22	40.47	95.67
205	14.05	18.11	81.32
210	21.38	24.79	81.02
215	57.03	60.80	92.06
220	97.49	102.91	116.83
225	140.58	147.98	154.70
230	184.58	194.09	199.53
235	227.93	239.56	245.43
240	269.24	282.90	288.02
245	307.42	322.96	326.50
250	341.66	358.90	360.68
255	371.50	390.22	390.83
260	396.79	416.76	417.09
265	417.62	438.62	446.76
270	434.28	456.12	468.79
275	447.20	469.68	472.89
280	456.86	479.82	479.82
285	463.73	487.02	487.02
290	468.21	491.74	491.74
295	470.64	494.28	494.28
300	471.19	494.86	494.86
305	469.90	493.51	493.51
310	466.68	490.13	490.13
315	461.29	484.46	484.46
320	453.36	476.14	476.14
325	442.45	464.69	464.69
330	428.09	449.62	449.62
335	409.81	430.42	430.43
340	387.22	406.72	406.82
345	360.11	378.26	378.54
350	328.47	345.06	345.58
355	292.58	307.39	308.19

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission