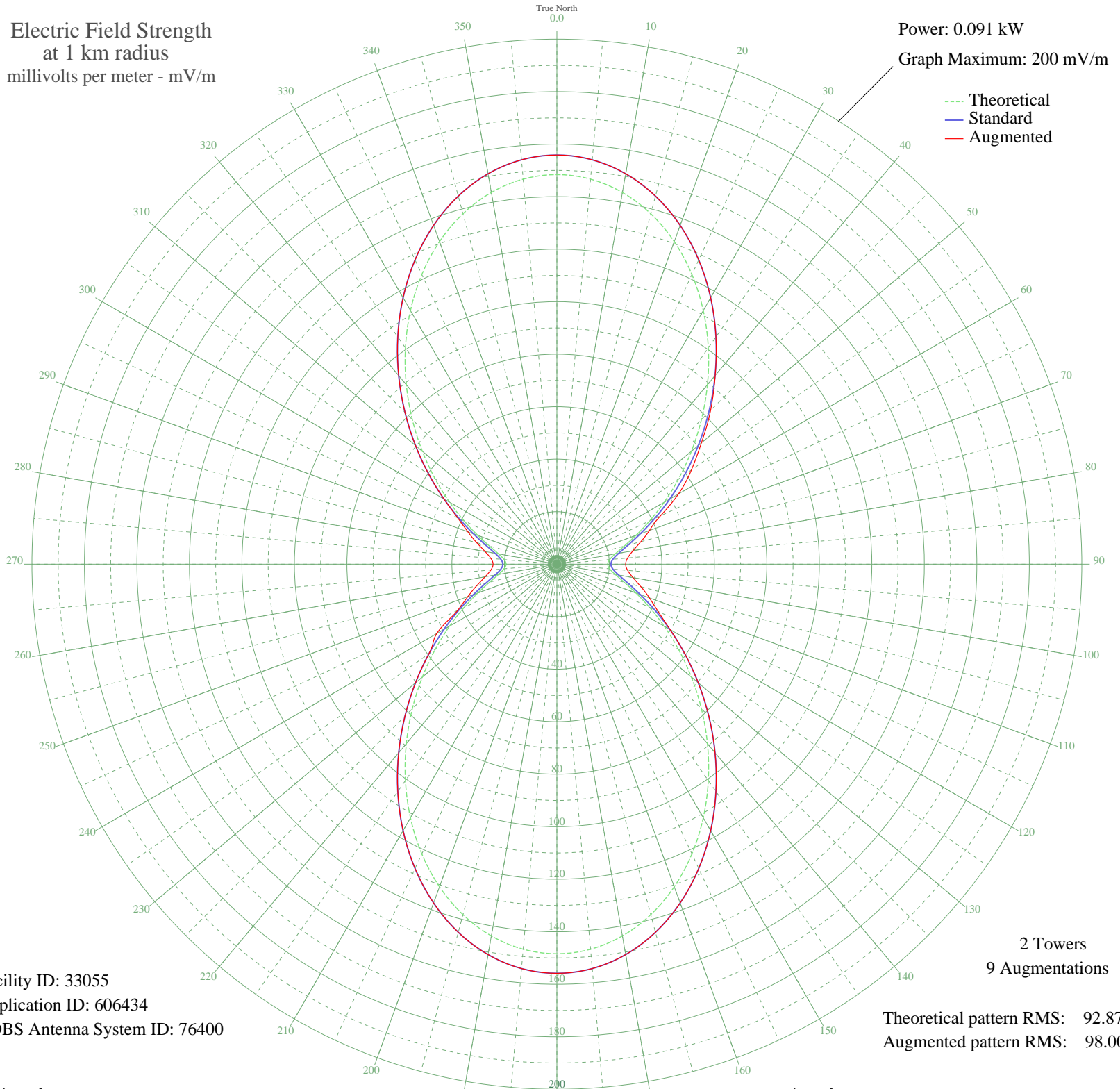


KCLN CLINTON, IA BL-20020628ACF 1390 kHz

Nighttime

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

Power: 0.091 kW
Graph Maximum: 200 mV/m



Facility ID: 33055
Application ID: 606434
CDBS Antenna System ID: 76400

Theoretical pattern RMS: 92.87
Augmented pattern RMS: 98.00

Azimuth	E _{theo}	E _{std}	E _{aug}
0	148.39	155.84	155.84
5	147.23	154.62	154.62
10	143.78	151.00	151.00
15	138.21	145.15	145.15
20	130.76	137.33	137.33
25	121.76	127.88	127.88
30	111.57	117.19	117.19
35	100.60	105.67	105.67
40	89.24	93.76	93.86
45	77.90	81.85	82.82
50	66.91	70.33	71.89
55	56.60	59.51	62.60
60	47.22	49.68	53.50
65	38.98	41.05	43.56
70	32.06	33.81	37.51
75	26.56	28.07	33.12
80	22.58	23.92	29.45
85	20.18	21.42	27.06
90	19.37	20.58	26.20
95	20.18	21.42	27.06
100	22.58	23.92	29.45
105	26.56	28.07	33.12
110	32.06	33.81	37.51
115	38.98	41.05	42.54
120	47.22	49.68	49.80
125	56.60	59.51	59.51
130	66.91	70.33	70.33
135	77.90	81.85	81.85
140	89.24	93.76	93.76
145	100.60	105.67	105.67
150	111.57	117.19	117.19
155	121.76	127.88	127.88
160	130.76	137.33	137.33
165	138.21	145.15	145.15
170	143.78	151.00	151.00
175	147.23	154.62	154.62

Azimuth	E _{theo}	E _{std}	E _{aug}
180	148.39	155.84	155.84
185	147.23	154.62	154.62
190	143.78	151.00	151.00
195	138.21	145.15	145.15
200	130.76	137.33	137.33
205	121.76	127.88	127.88
210	111.57	117.19	117.19
215	100.60	105.67	105.67
220	89.24	93.76	93.76
225	77.90	81.85	81.85
230	66.91	70.33	70.33
235	56.60	59.51	59.51
240	47.22	49.68	52.90
245	38.98	41.05	41.69
250	32.06	33.81	36.07
255	26.56	28.07	31.60
260	22.58	23.92	27.79
265	20.18	21.42	25.23
270	19.37	20.58	24.30
275	20.18	21.42	25.23
280	22.58	23.92	27.79
285	26.56	28.07	31.60
290	32.06	33.81	36.07
295	38.98	41.05	41.69
300	47.22	49.68	49.68
305	56.60	59.51	59.51
310	66.91	70.33	70.33
315	77.90	81.85	81.85
320	89.24	93.76	93.76
325	100.60	105.67	105.67
330	111.57	117.19	117.19
335	121.76	127.88	127.88
340	130.76	137.33	137.33
345	138.21	145.15	145.15
350	143.78	151.00	151.00
355	147.23	154.62	154.62

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